D1900V2 - SN: 5d159 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (＜-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

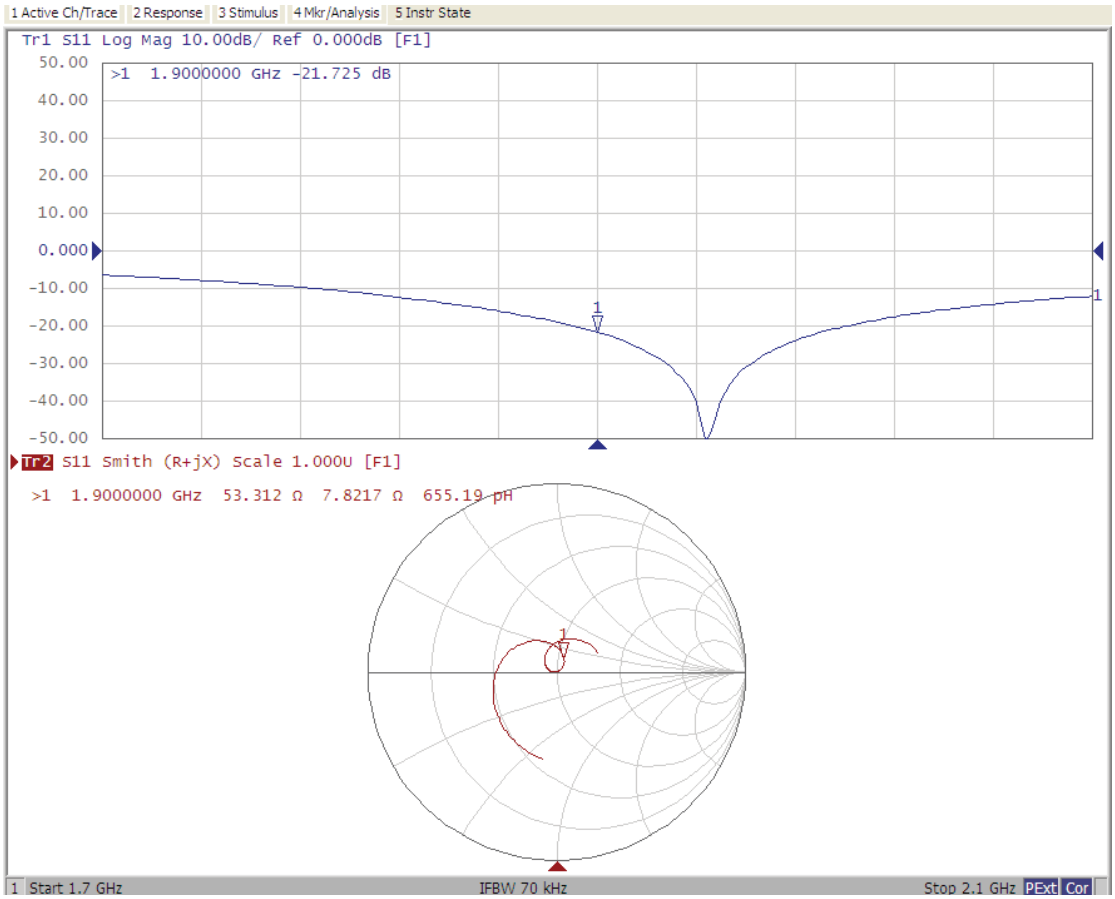
D1900V2 - SN: 5d159						
1900 Head						
Date of Measurement	Return-loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
2021.09.16	-21.4		54.2		7.8	
2022.09.16	-21.7	-1.4	53.3	-0.9	7.8	0
2023.09.16	-24.3	-13.6	53.5	-0.7	5.3	-2.5

<Justification of the extended calibration>

The return loss is ＜-20dB, within 20% of prior calibration, and the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

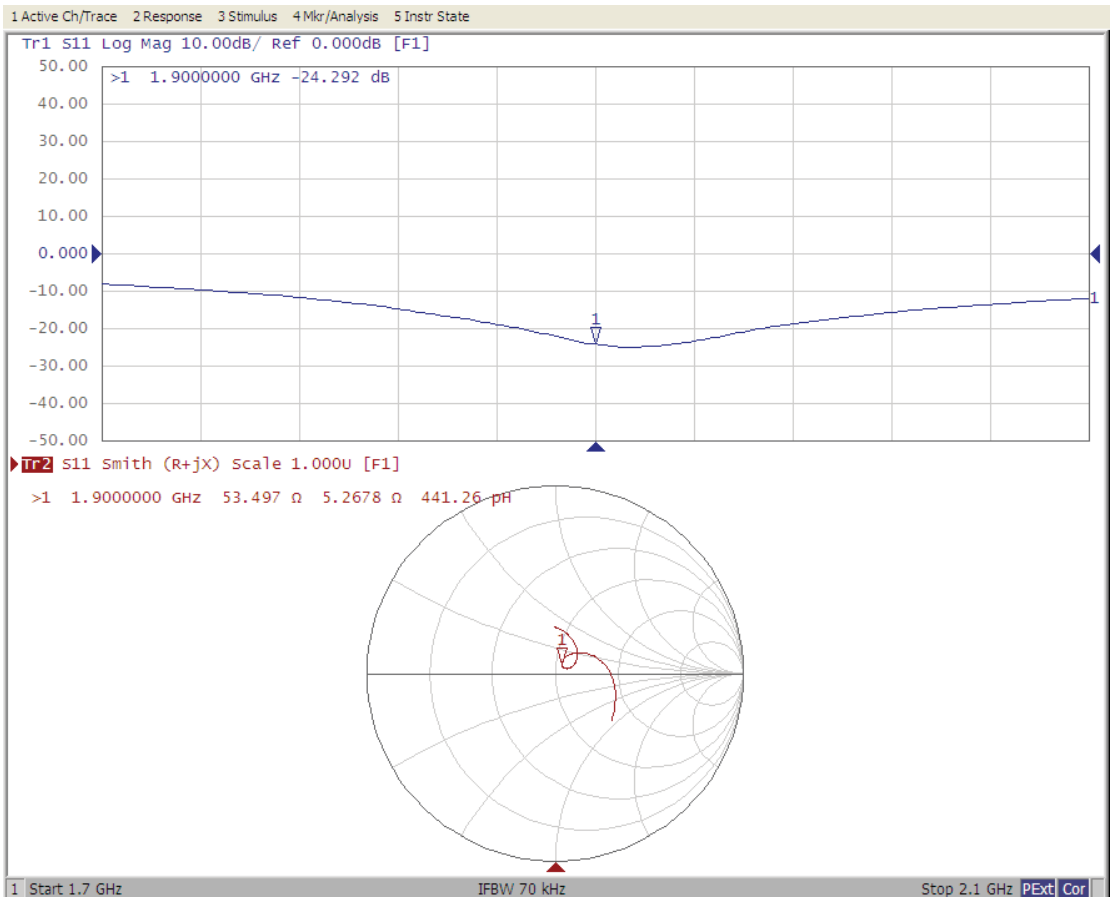
<Dipole Verification Data>

Head 1900MHz _2022.09.16



<Dipole Verification Data>

Head 1900MHz _2023.09.16



In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, Chi
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

中国认可
国际互认
校准
CALIBRATION
CNAS L0570

Client **7layers** **Certificate No: Z21-60424**

CALIBRATION CERTIFICATE

Object	D2300V2 - SN: 1110
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	October 20, 2021

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
Power sensor NRP8S	104291	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
Reference Probe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE4	SN 1556	15-Jan-21(SPEAG,No.DAE4-1556_Jan21)	Jan-22
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzer E5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: October 27 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016
c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010
d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2300 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	39.5	1.67 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	39.2 ± 6 %	1.66 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	12.3 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**49.2 W/kg ± 18.8 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	5.75 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.0 W/kg ± 18.7 % (*k*=2)**

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.1Ω+ 3.12jΩ
Return Loss	- 29.7dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.071 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

DASY5 Validation Report for Head TSL Date: 10.20.2021

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2300 MHz; Type: D2300V2; Serial: D2300V2 - SN: 1110

Communication System: UID 0, CW; Frequency: 2300 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2300 MHz; σ = 1.662 S/m; ε_r = 39.17; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(7.58, 7.58, 7.58) @ 2300 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2021-01-15
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 107.7 V/m; Power Drift = 0.01 dB

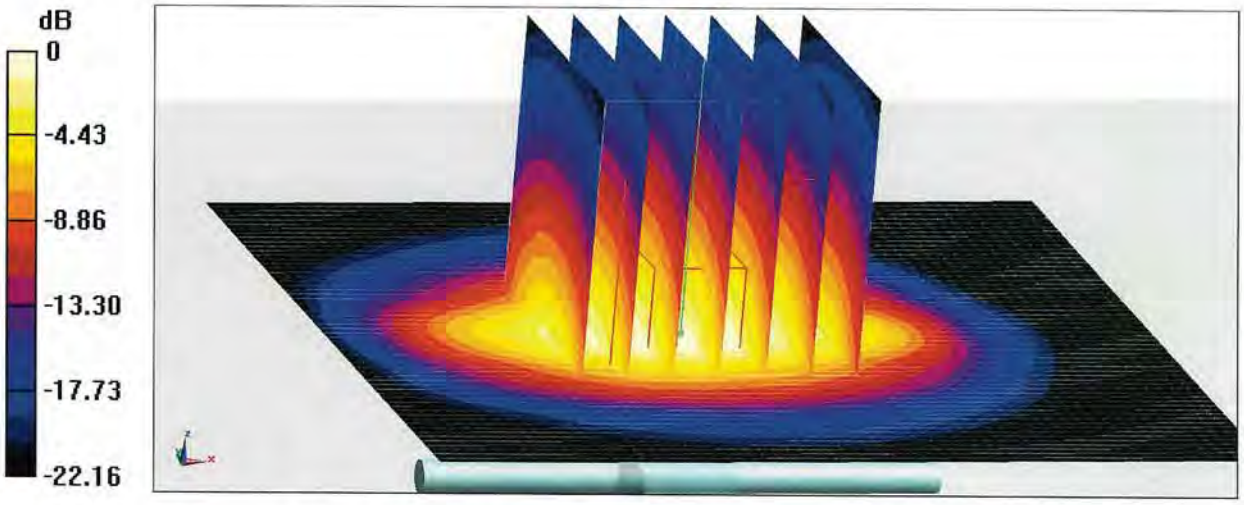
Peak SAR (extrapolated) = 25.6 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.75 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

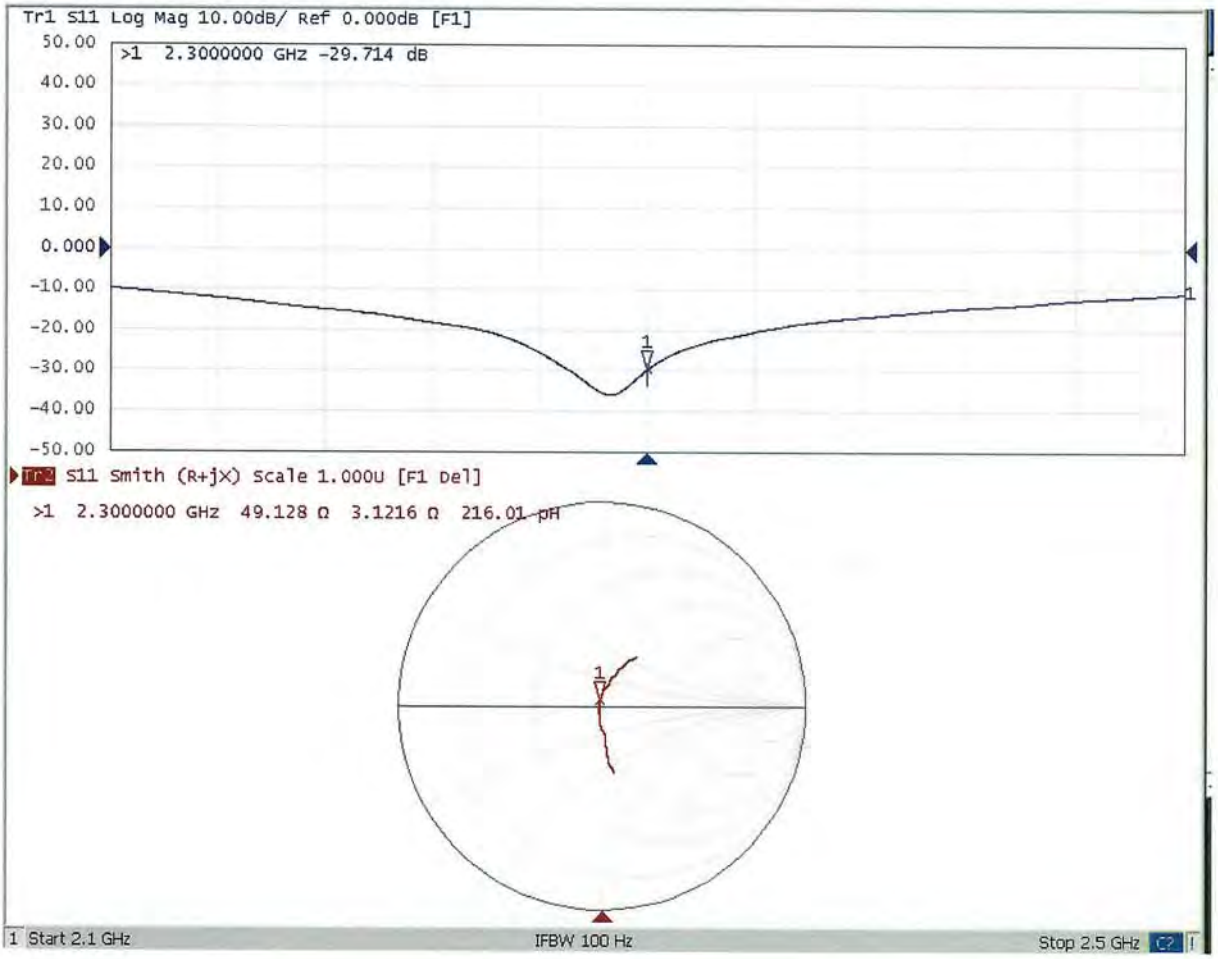
Maximum value of SAR (measured) = 20.7 W/kg



0 dB = 20.7 W/kg = 13.16 dBW/kg

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Impedance Measurement Plot for Head TSL



D2300V2 - SN: 1110 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

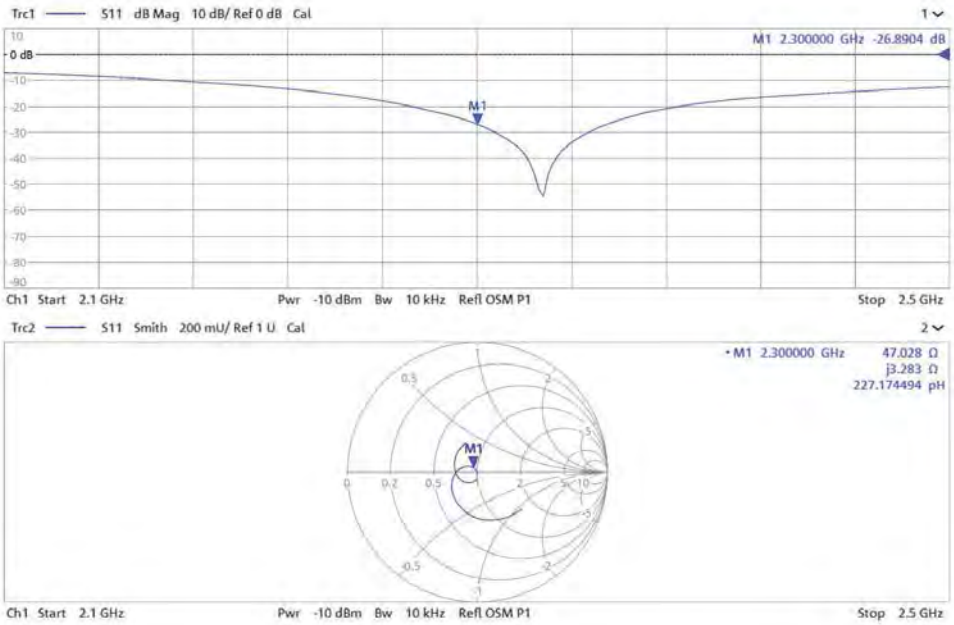
D2300V2 - SN: 1110						
2300MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
10.20.2021	-29.7		49.1		3.12	
10.19.2022	-26.89	-9.46	47.03	-2.07	3.28	0.16
10.18.2023	-27.91	-6.02	47.04	-2.07	2.67	-0.45

<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

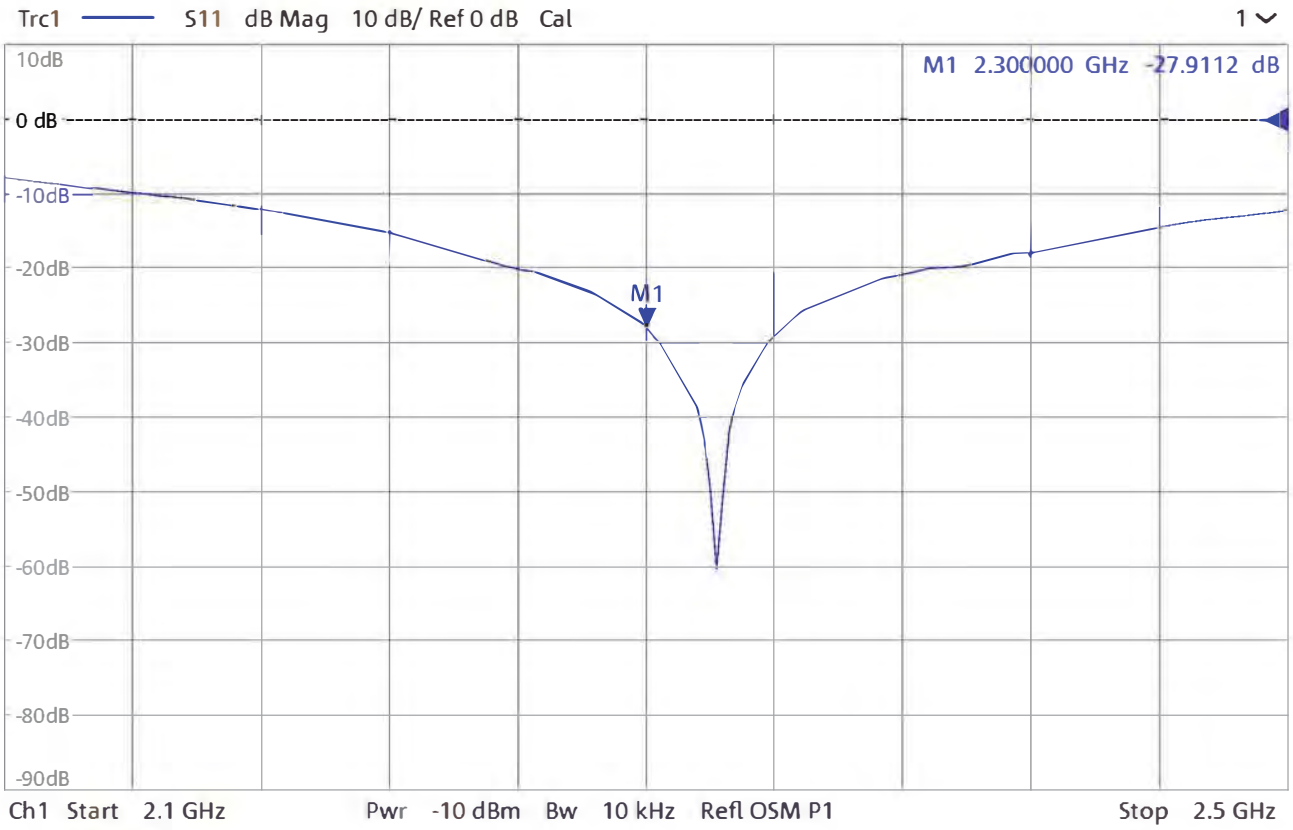
<Dipole Verification Data>

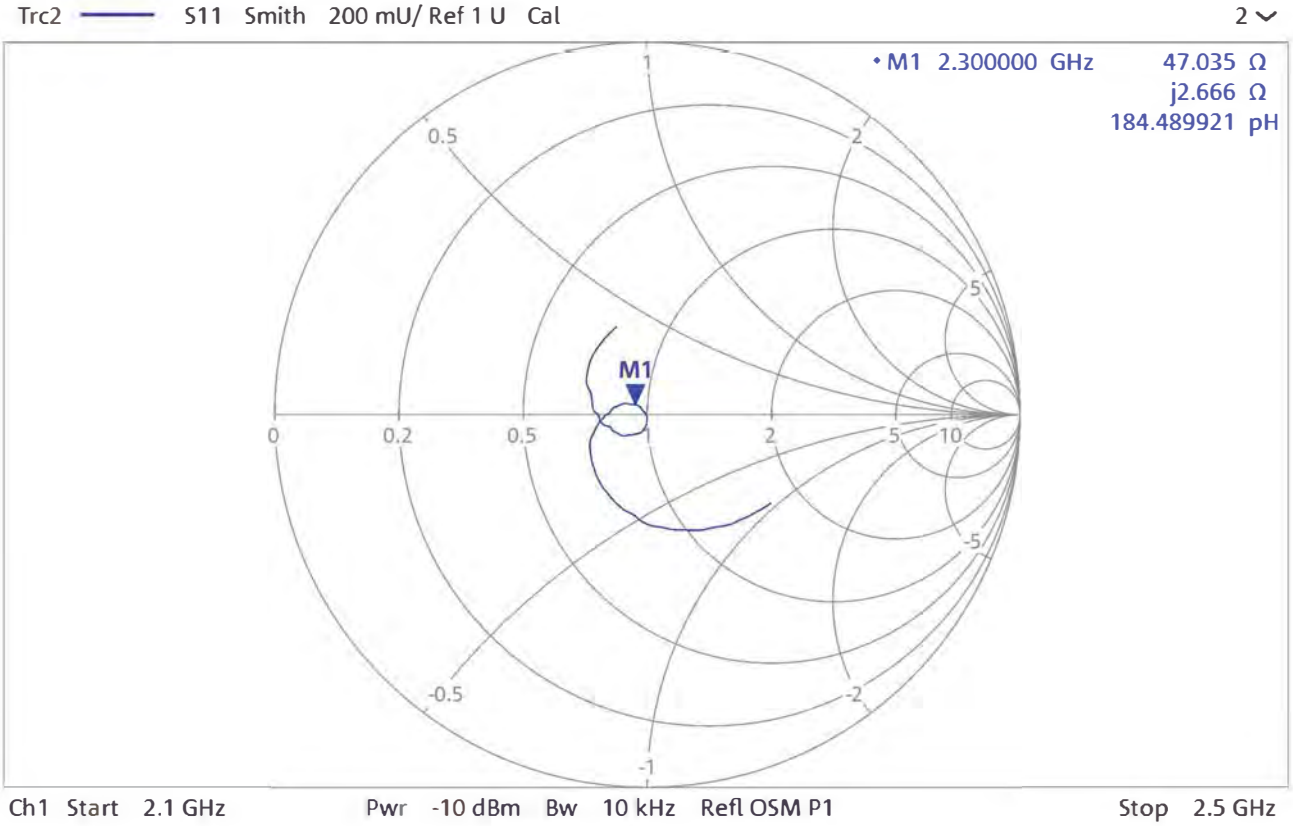
Head 2300MHz _2022.10.19



<Dipole Verification Data>

Head 2300MHz _2023.10.18





In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, Chi
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn
中国认可 国际互认 校准 CALIBRATION CNAS L0570

Client **B.V.ADT** **Certificate No: Z21-60339**

CALIBRATION CERTIFICATE

Object	D2600V2 - SN: 1110
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	September 16, 2021

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)℃ and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Power sensor NRP8S	104291	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Reference Probe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE4	SN 1556	15-Jan-21(SPEAG,No.DAE4-1556_Jan21)	Jan-22
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
Network Analyzer E5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: September 21, 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, "Measurement procedure for assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016

c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010

d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2600 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	39.0	1.96 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	39.0 ± 6 %	1.95 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.9 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**55.8 W/kg ± 18.8 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	6.13 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.6 W/kg ± 18.7 % (*k*=2)**

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Appendix(Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.1Ω- 5.12jΩ
Return Loss	- 25.7dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.058 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

DASY5 Validation Report for Head TSL Date: 09.16.2021

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN: 1110

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2600 MHz; σ = 1.949 S/m; ε_r = 39.04; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(7.1, 7.1, 7.1) @ 2600 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2021-01-15
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 105.3 V/m; Power Drift = 0.01 dB

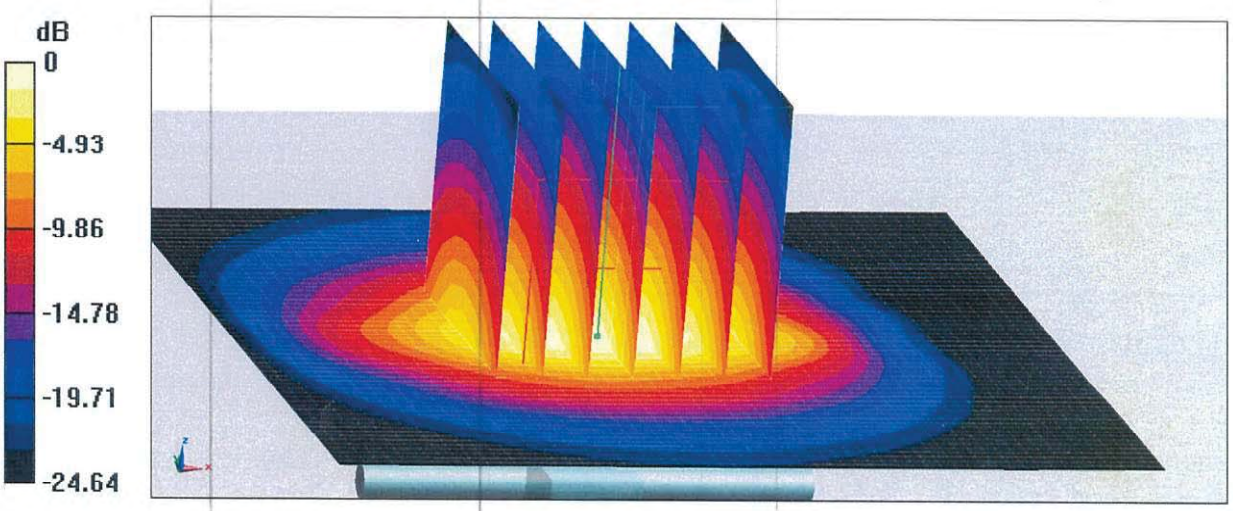
Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.13 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

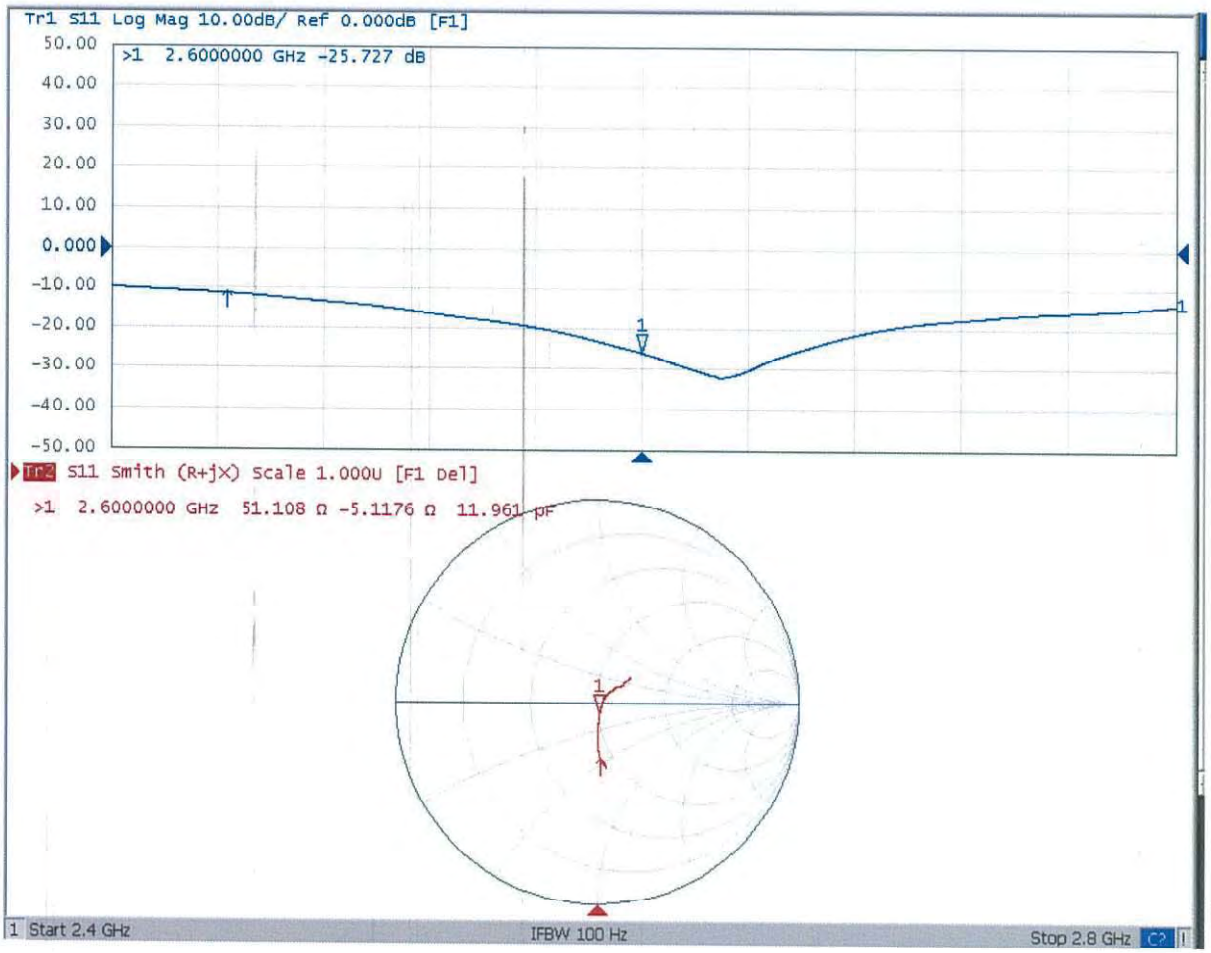
Maximum value of SAR (measured) = 24.1 W/kg



0 dB = 24.1 W/kg = 13.82 dBW/kg

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Impedance Measurement Plot for Head TSL



D2600V2 - SN: 1110 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (＜-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

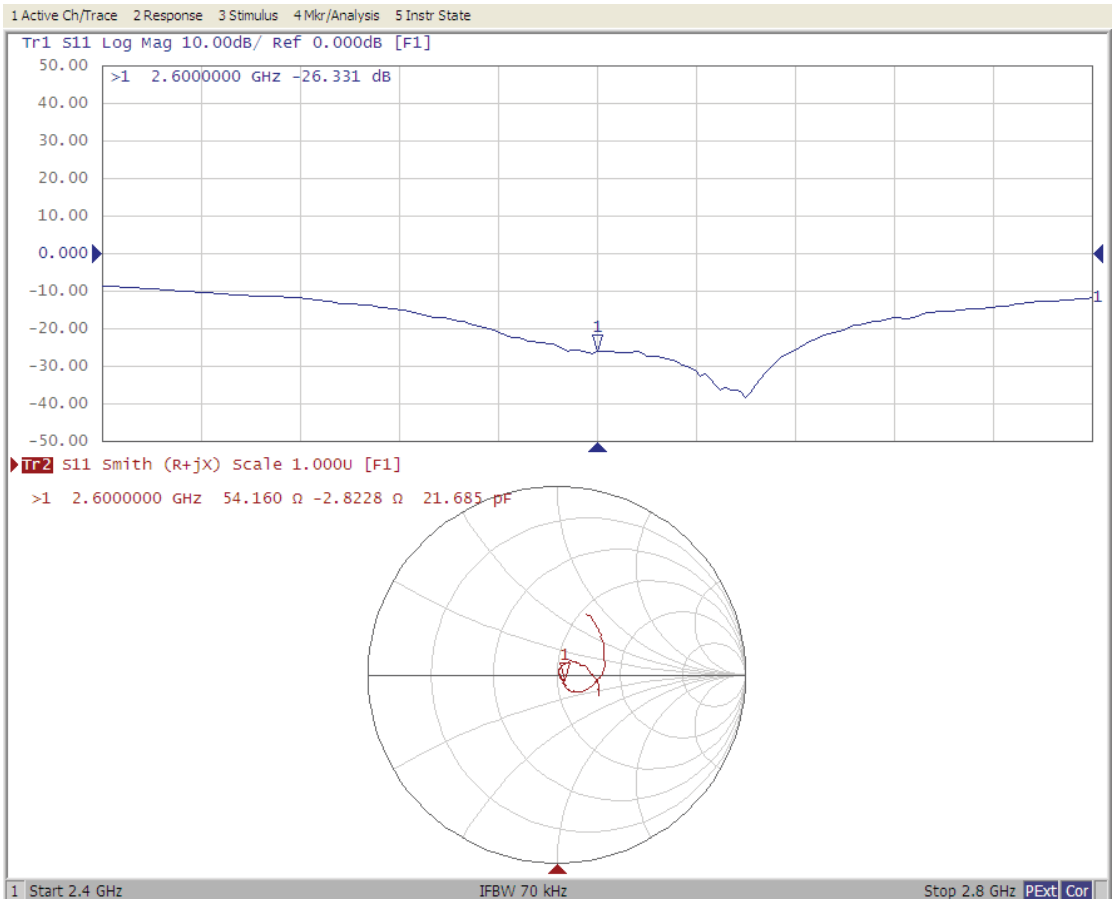
D2600V2 - SN: 1110						
2600 Head						
Date of Measurement	Return-loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
2021.09.16	-25.7		51.1		-5.1	
2022.09.16	-26.3	2.7	54.2	3.1	-2.8	2.3
2023.09.16	-26.0	-1.2	53.1	2	-4.2	0.9

<Justification of the extended calibration>

The return loss is ＜-20dB, within 20% of prior calibration, and the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

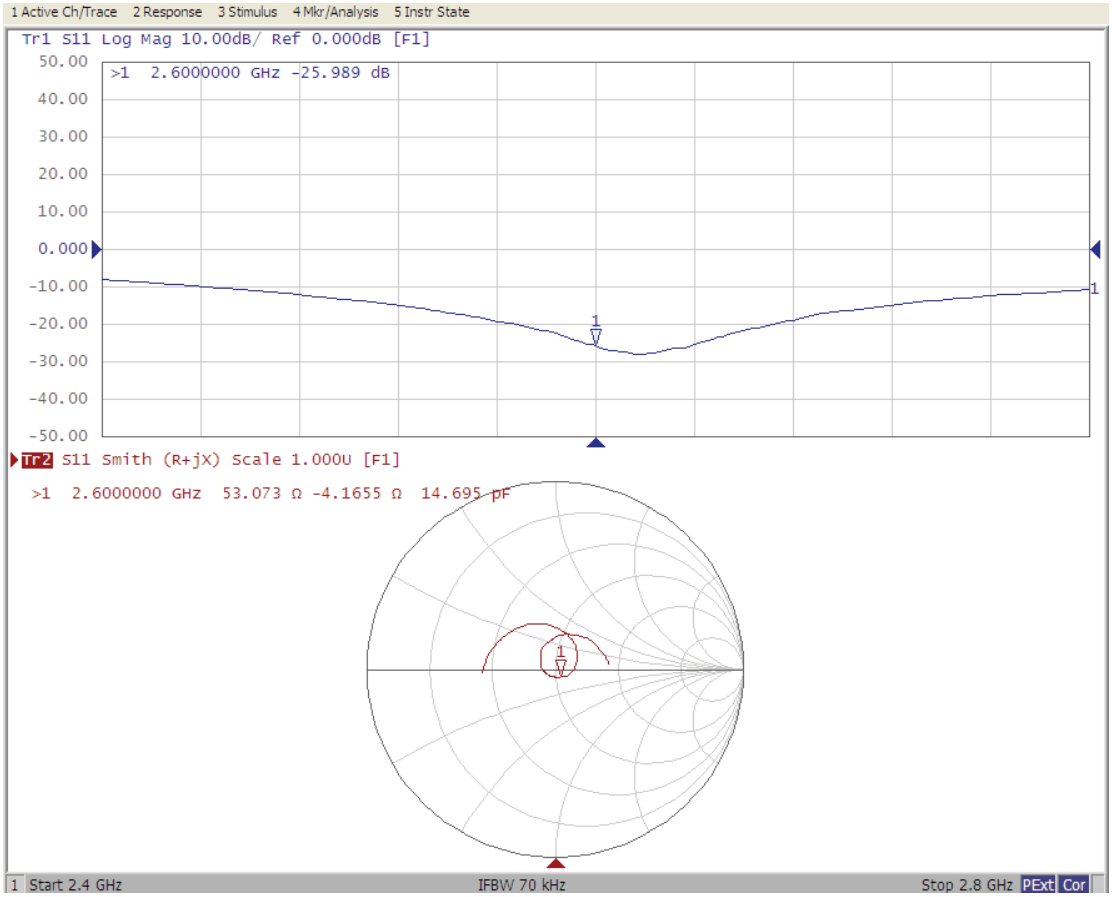
<Dipole Verification Data>

Head 2600MHz _2022.09.16



<Dipole Verification Data>

Head 2600MHz _2023.09.16



In Collaboration with
speag
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, Chi
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

中国认可
国际互认
校准
CALIBRATION
CNAS L0570

Client 7layers Certificate No: Z21-60426

CALIBRATION CERTIFICATE

Object	D3500V2 - SN: 1111
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	October 21 2021

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
Power sensor NRP8S	104291	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
ReferenceProbe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE4	SN 1556	15-Jan-21(SPEAG,No.DAE4-1556_Jan21)	Jan-22
Secondary Standards	**ID #**	**Cal Date(Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzerE5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: October 27 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016
c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010
d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3500 MHz ± 1 MHz	

Head TSL parameters at 3500MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	37.9	2.91 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.7 ± 6 %	2.86 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 3500MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.53 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**65.5 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.47 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.7 W/kg ± 24.2 % (*k*=2)**

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 3500MHz

Impedance, transformed to feed point	50.3Ω + 1.89jΩ
Return Loss	- 34.4dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.043 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

DASY5 Validation Report for Head TSL Date: 10.21.2021

Test Laboratory: CTTL, Beijing, China

DUT: Dipole D3500V2; Type: D3500V2; Serial: D3500V2 - SN: 1111

Communication System: CW; Frequency: 3500 MHz,

Medium parameters used: f = 3500 MHz; σ = 2.857 S/m; ε_r = 37.72; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(6.65, 6.65, 6.65) @ 3500 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2021-01-15
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole Calibration /Pin=100mW, d=10mm, f=3500 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.53 V/m; Power Drift = -0.03 dB

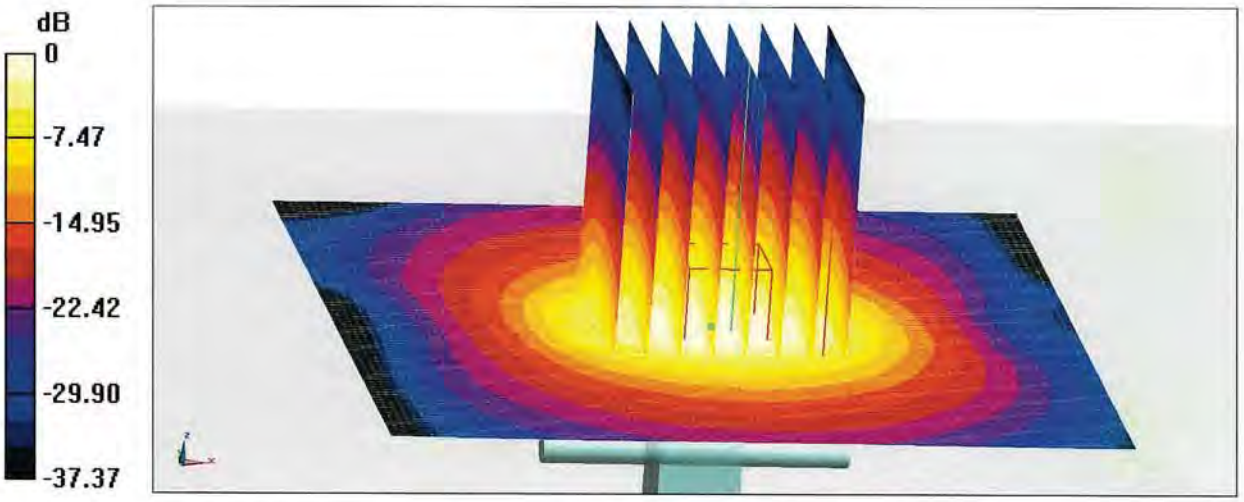
Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 6.53 W/kg; SAR(10 g) = 2.47 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 75.5%

Maximum value of SAR (measured) = 12.4 W/kg

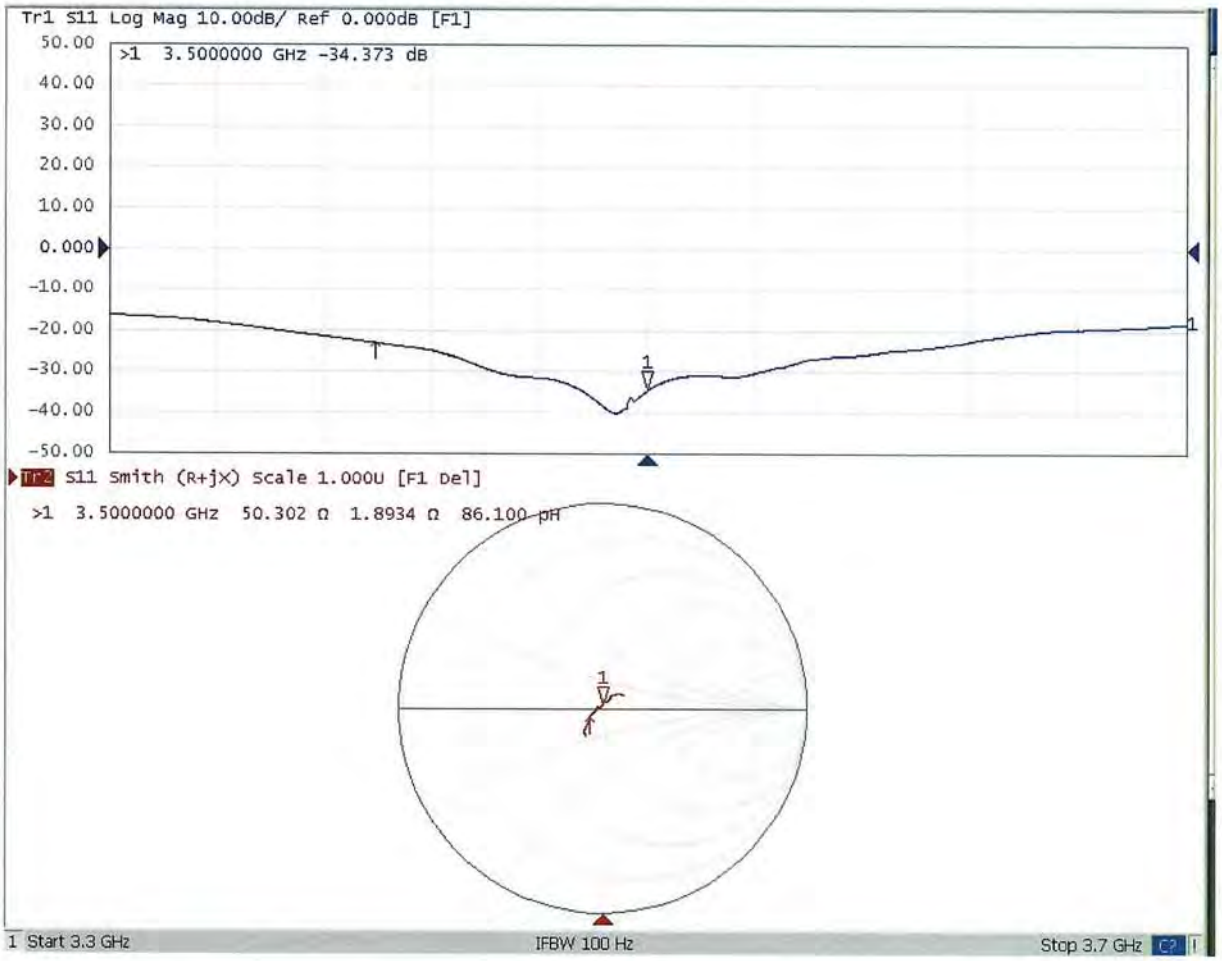


0 dB = 12.4 W/kg = 10.93 dBW/kg

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Impedance Measurement Plot for Head TSL



D3500V2 - SN: 1111 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

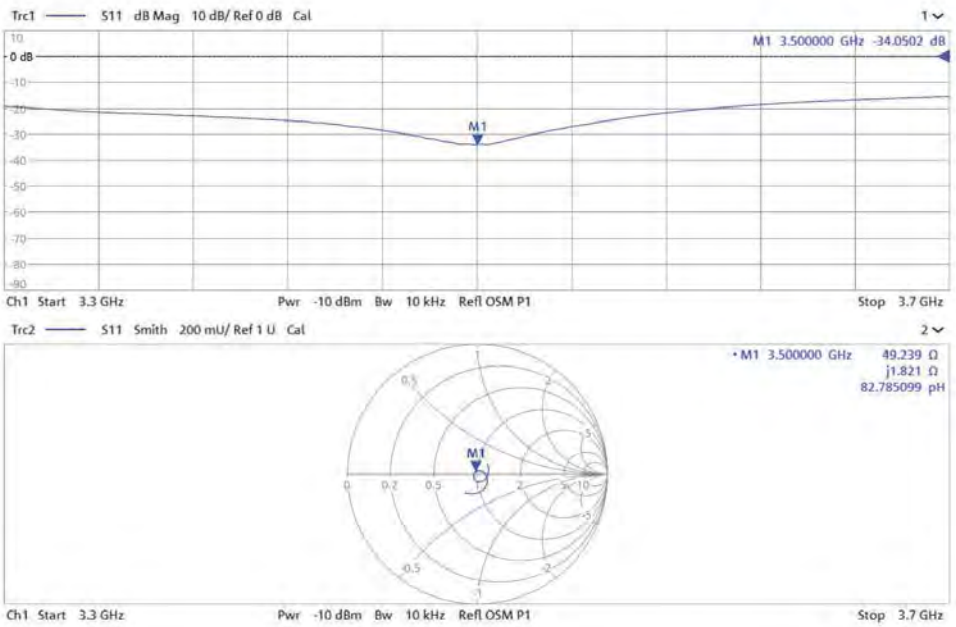
D3500V2 - SN: 1111						
3500MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
10.21.2021	-34.4		50.3		1.89	
10.20.2022	-34.05	-1.02	49.24	-1.06	1.82	-0.07
10.19.2023	-28.96	-15.83	53.13	2.83	1.86	-0.03

<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

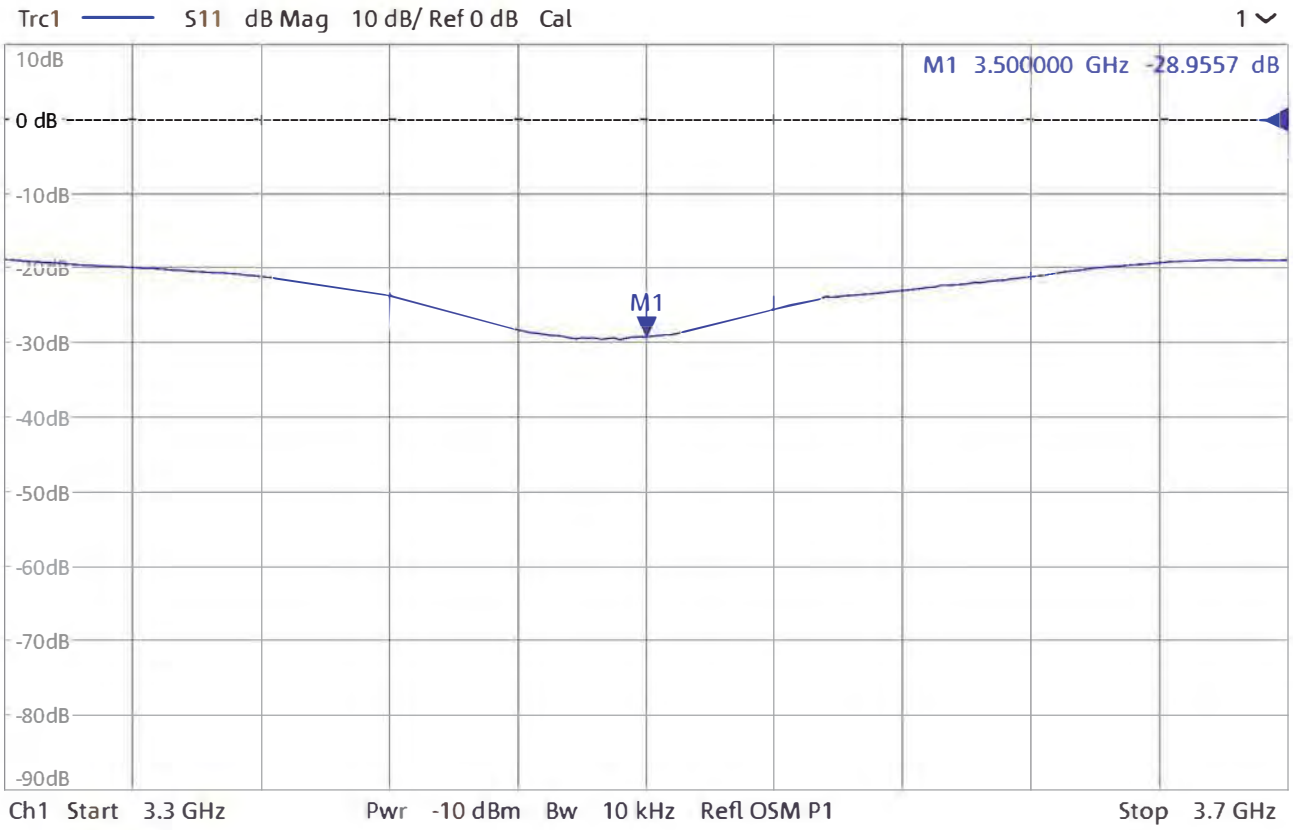
<Dipole Verification Data>

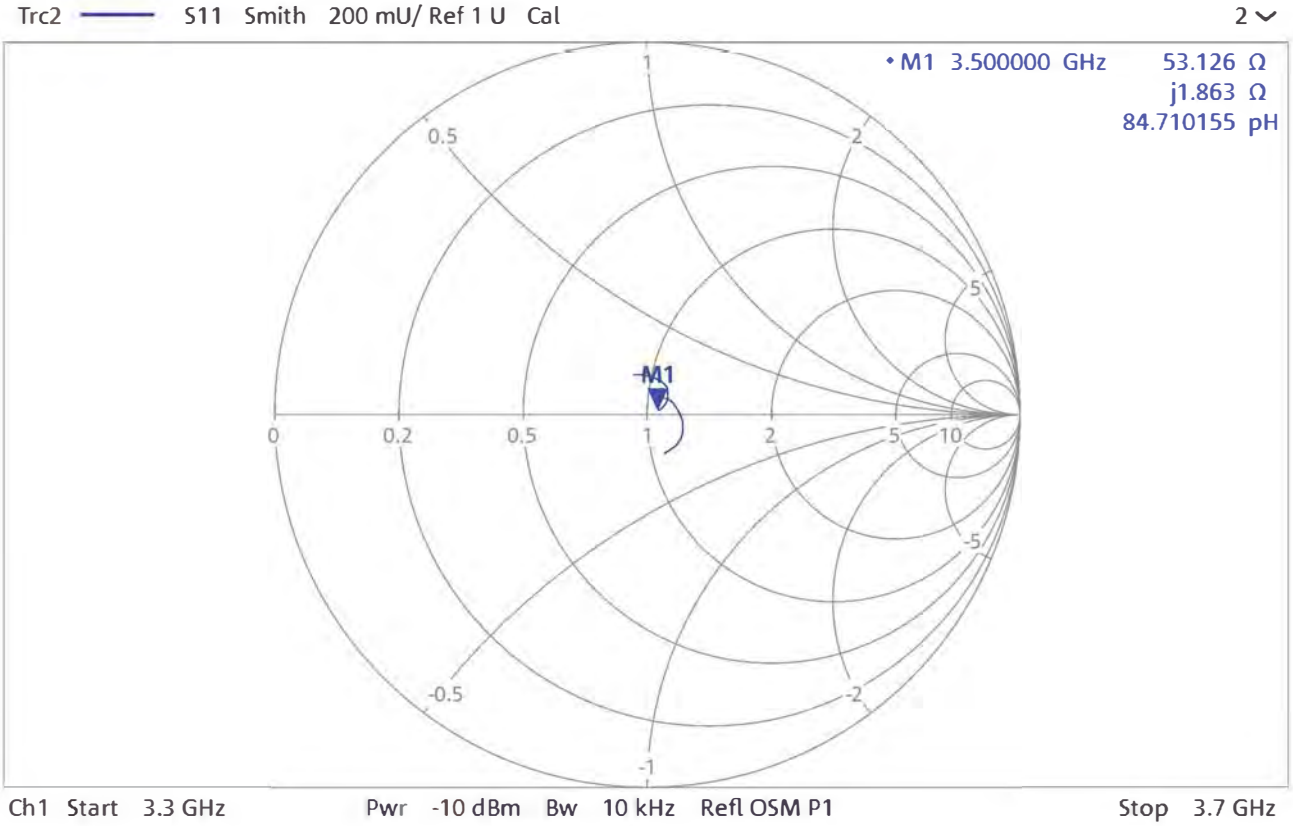
Head 3500MHz _2022.10.20



<Dipole Verification Data>

Head 3500MHz _2023.10.19





In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, Chi
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

中国认可
国际互认
校准
CALIBRATION
CNAS L0570

Client 7layers Certificate No: Z21-60427

CALIBRATION CERTIFICATE

Object D3700V2 - SN: 1082

Calibration Procedure(s) FF-Z11-003-01
Calibration Procedures for dipole validation kits

Calibration date: October 20, 2021

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
Power sensor NRP8S	104291	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
ReferenceProbe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE4	SN 1556	15-Jan-21(SPEAG,No.DAE4-1556_Jan21)	Jan-22
Secondary Standards	**ID #**	**Cal Date(Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzerE5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: October 27, 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016
c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010
d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3700 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	37.7	3.12 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.6 ± 6 %	3.11 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.68 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**66.8 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.44 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.4 W/kg ± 24.2 % (*k*=2)**

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	45.9Ω + 0.96jΩ
Return Loss	- 27.2dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.045 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

DASY5 Validation Report for Head TSL Date: 10.20.2021

Test Laboratory: CTTL, Beijing, China

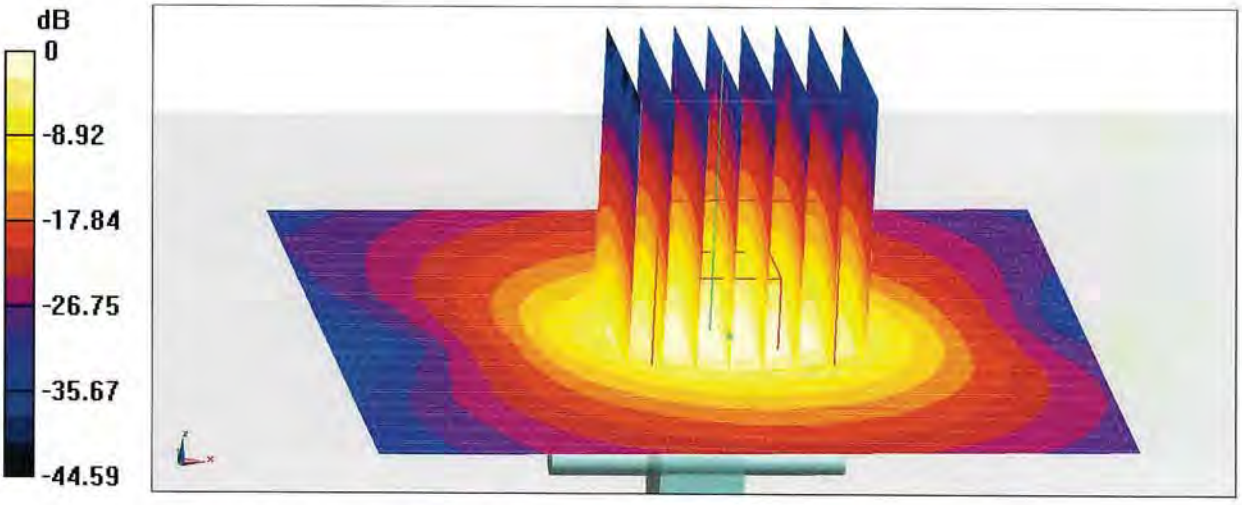
DUT: Dipole D3700V2; Type: D3700V2; Serial: D3700V2 - SN: 1082

Communication System: CW; Frequency: 3700 MHz, Frequency: 3800 MHz,
Medium parameters used: f = 3700 MHz; σ = 3.105 S/m; ε_r = 37.6; ρ = 1000 kg/m^3,
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(6.4, 6.4, 6.4) @ 3700 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2021-01-15
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole Calibration /Pin=100mW, d=10mm, f=3700 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 68.16 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.44 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 73.7%
Maximum value of SAR (measured) = 13.0 W/kg

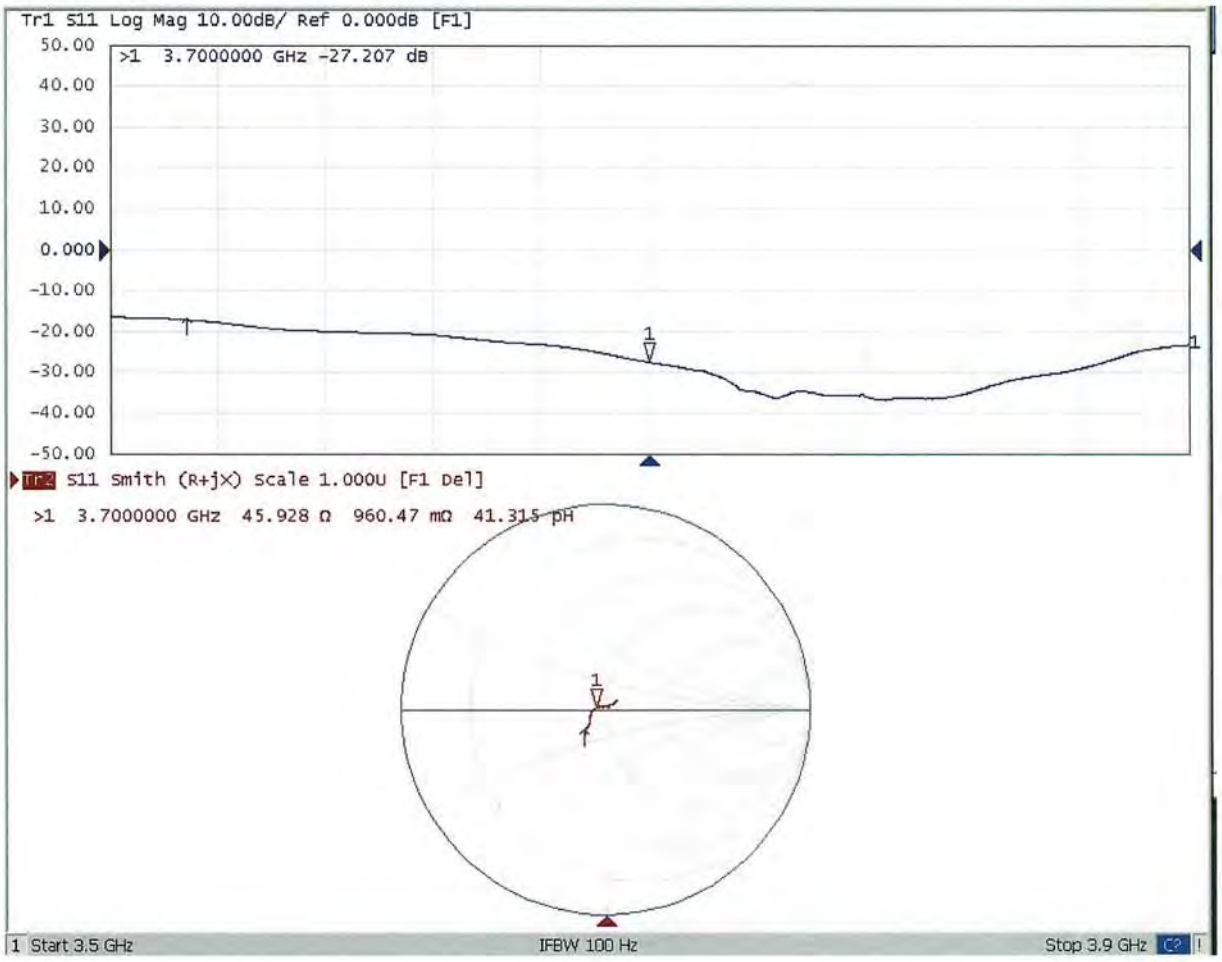


0 dB = 13.0 W/kg = 11.14 dBW/kg

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Impedance Measurement Plot for Head TSL



D3700V2 - SN: 1082 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

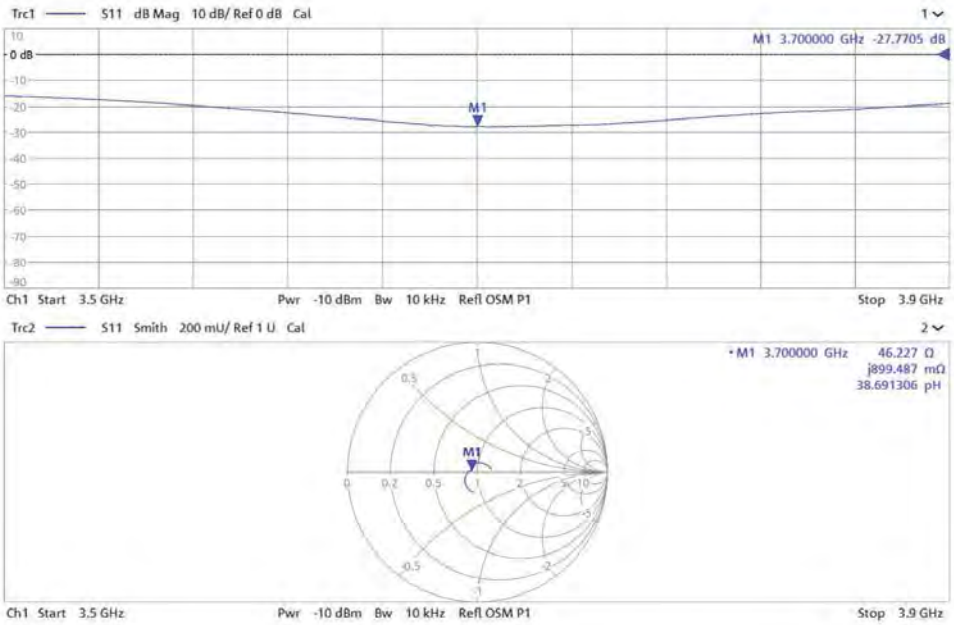
D3700V2 - SN: 1082						
3700MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
10.20.2021	-27.2		45.9		0.96	
10.19.2022	-27.77	2.10	46.23	0.33	0.90	-0.06
10.18.2023	-30.70	12.86	49.30	3.40	-2.71	-3.67

<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

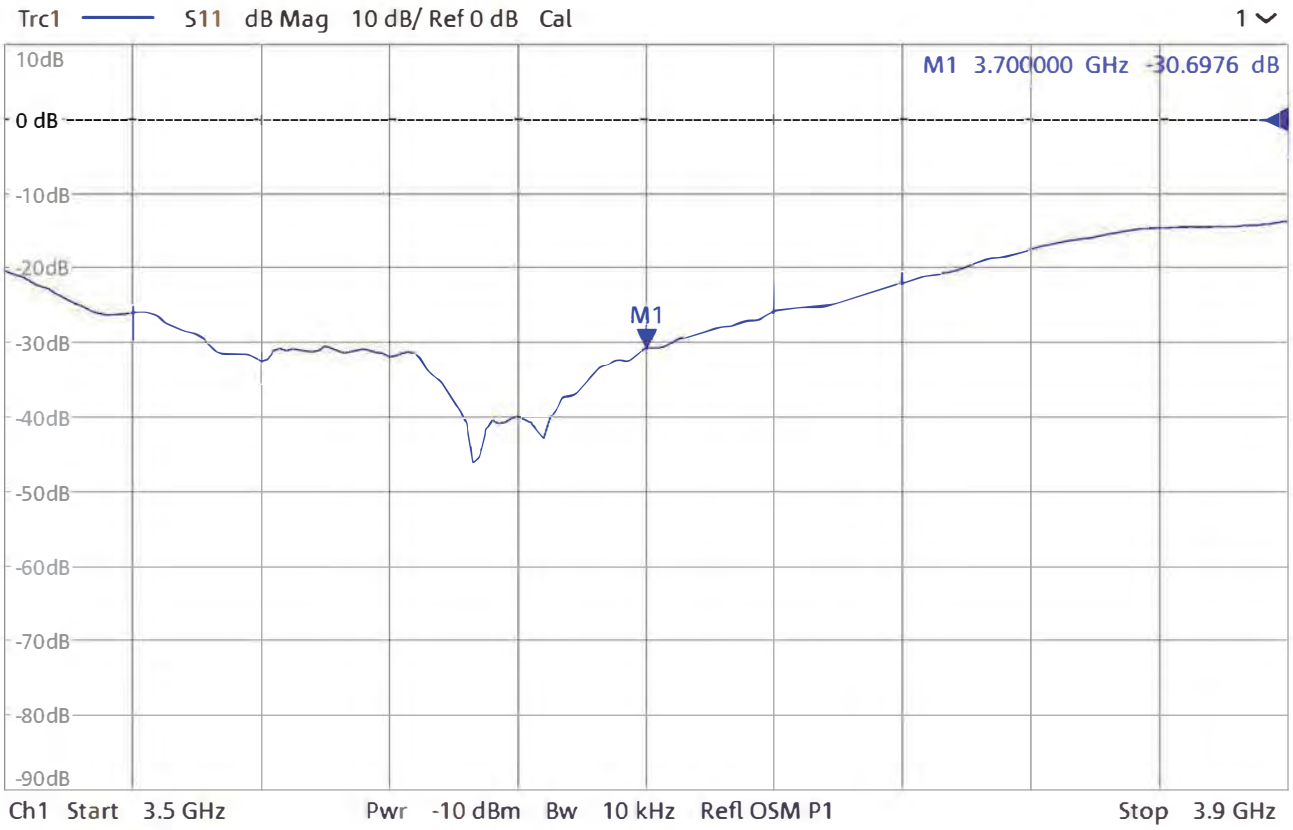
<Dipole Verification Data>

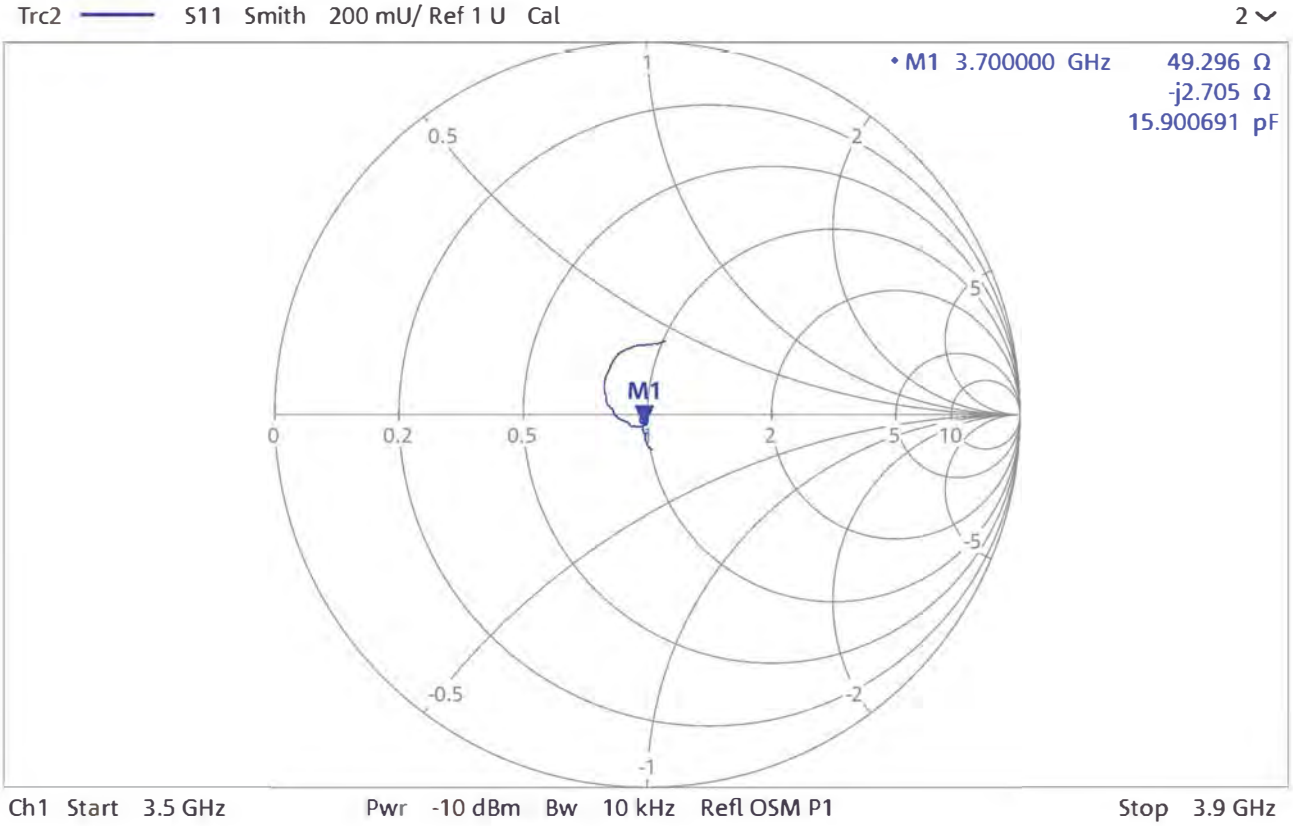
Head 3700MHz _2022.10.19



<Dipole Verification Data>

Head 3700MHz _2023.10.18





Appendix D. Conducted RF Output Power Table

The detailed power table are shown as follows.

Default Power

Band	GSM850 (Ant0)				GSM1900 (Ant0)			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	**31.77**	31.70	31.68	33.50	28.94	**29.06**	29.03	30.50
GPRS 1Tx Slot	31.75	31.69	31.67	33.50	28.93	29.05	29.01	30.50
GPRS 2Tx Slot	29.54	29.77	29.54	31.50	27.09	26.94	26.97	28.50
GPRS 3Tx Slot	27.58	27.75	27.57	29.50	25.12	25.05	24.95	26.50
GPRS 4Tx Slot	25.56	25.73	25.58	27.50	22.75	22.90	22.93	24.50
EDGE 1Tx Slot	26.22	26.10	26.18	27.50	25.47	25.46	25.27	26.50
EDGE 2Tx Slot	25.01	24.98	24.82	26.50	24.04	24.29	24.06	25.50
EDGE 3Tx Slot	23.84	23.66	23.86	25.50	22.90	23.17	22.98	24.50
EDGE 4Tx Slot	22.79	22.86	22.82	24.50	21.86	22.06	22.00	23.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	22.77	22.70	22.68	24.50	19.94	20.06	20.03	21.50
GPRS 1Tx Slot	22.75	22.69	22.67	24.50	19.93	20.05	20.01	21.50
GPRS 2Tx Slot	23.54	23.77	23.54	25.50	21.09	20.94	20.97	22.50
GPRS 3Tx Slot	23.32	23.49	23.31	25.24	20.86	20.79	20.69	22.24
GPRS 4Tx Slot	22.56	22.73	22.58	24.50	19.75	19.90	19.93	21.50
EDGE 1Tx Slot	17.22	17.10	17.18	18.50	16.47	16.46	16.27	17.50
EDGE 2Tx Slot	19.01	18.98	18.82	20.50	18.04	18.29	18.06	19.50
EDGE 3Tx Slot	19.58	19.40	19.60	21.24	18.64	18.91	18.72	20.24
EDGE 4Tx Slot	19.79	19.86	19.82	21.50	18.86	19.06	19.00	20.50

Band	WCDMA II (Ant0)			WCDMA II	WCDMA IV (Ant0)			WCDMA IV	WCDMA V (Ant0)			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	**22.98**	22.97	22.87	**24.00**	22.85	**22.86**	22.83	**24.00**	22.87	**22.94**	22.88	**24.00**
HSDPA Subtest-1	22.06	22.02	22.05	23.00	21.89	21.89	21.90	23.00	21.95	21.91	21.91	23.00
HSDPA Subtest-2	21.96	22.06	21.97	23.00	21.82	21.88	21.86	23.00	21.93	21.88	21.99	23.00
HSDPA Subtest-3	21.55	21.49	21.36	22.50	21.30	21.35	21.33	22.50	21.42	21.40	21.46	22.50
HSDPA Subtest-4	21.51	21.50	21.46	22.50	21.41	21.44	21.41	22.50	21.45	21.47	21.35	22.50
DC-HSDPA Subtest-1	22.04	22.04	21.96	23.00	21.86	21.92	21.90	23.00	21.96	21.82	21.99	23.00
DC-HSDPA Subtest-2	22.00	22.06	22.03	23.00	21.87	21.87	21.83	23.00	21.89	21.89	21.94	23.00
DC-HSDPA Subtest-3	21.54	21.56	21.34	22.50	21.35	21.38	21.41	22.50	21.33	21.41	21.43	22.50
DC-HSDPA Subtest-4	21.54	21.42	21.35	22.50	21.40	21.45	21.35	22.50	21.36	21.39	21.38	22.50
HSUPA Subtest-1	21.97	22.02	21.85	23.00	21.90	21.87	21.90	23.00	21.95	21.98	21.94	23.00
HSUPA Subtest-2	19.94	20.04	19.82	21.00	19.86	19.81	19.84	21.00	19.92	19.93	19.95	21.00
HSUPA Subtest-3	21.03	20.95	20.93	22.00	20.80	20.94	20.82	22.00	20.84	20.92	20.89	22.00
HSUPA Subtest-4	20.00	20.03	19.82	21.00	19.93	19.85	19.86	21.00	19.96	19.99	19.93	21.00
HSUPA Subtest-5	22.06	22.04	21.95	23.00	21.82	21.86	21.87	23.00	21.85	22.00	21.84	23.00
HSPA+ Subtest-1	19.50	19.44	19.36	20.50	19.36	19.38	19.41	20.50	19.34	19.44	19.40	20.50

LTE Band 2 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.56**	22.52	22.42	0	24
		1	50	22.46	22.45	22.33	0	24
		1	99	22.28	22.32	22.30	0	24
		50	0	21.59	21.49	21.41	1	23
		50	25	21.64	21.53	21.58	1	23
		50	50	21.62	21.50	21.55	1	23
		100	0	21.59	21.48	21.52	1	23
	16QAM	1	0	21.54	21.51	21.48	1	23
		1	50	21.57	21.56	21.48	1	23
		1	99	21.49	21.45	21.32	1	23
		50	0	20.54	20.52	20.49	2	22
		50	25	20.62	20.56	20.48	2	22
		50	50	20.52	20.59	20.43	2	22
		100	0	20.66	20.58	20.57	2	22
	64QAM	1	0	20.59	20.57	20.52	2	22
		1	50	20.49	20.47	20.42	2	22
		1	99	20.48	20.50	20.35	2	22
		50	0	19.52	19.50	19.46	3	21
		50	25	19.68	19.63	19.52	3	21
		50	50	19.53	19.53	19.43	3	21
		100	0	19.68	19.49	19.46	3	21
	256QAM	1	0	17.56	17.45	17.49	5	19
		1	50	17.42	17.42	17.33	5	19
		1	99	17.41	17.48	17.22	5	19
		50	0	17.43	17.36	17.37	5	19
		50	25	17.67	17.48	17.46	5	19
		50	50	17.42	17.49	17.33	5	19
		100	0	17.56	17.40	17.38	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.53	22.43	22.35	0	24
		1	37	22.38	22.41	22.31	0	24
		1	74	22.27	22.18	22.23	0	24
		36	0	21.48	21.45	21.40	1	23
		36	19	21.59	21.49	21.43	1	23
		36	39	21.50	21.38	21.46	1	23
		75	0	21.44	21.35	21.45	1	23
	16QAM	1	0	21.46	21.45	21.35	1	23
		1	37	21.56	21.54	21.38	1	23
		1	74	21.44	21.34	21.29	1	23
		36	0	20.49	20.39	20.34	2	22
		36	19	20.53	20.51	20.33	2	22
		36	39	20.37	20.48	20.38	2	22
		75	0	20.64	20.54	20.49	2	22
	64QAM	1	0	20.44	20.51	20.42	2	22
		1	37	20.35	20.37	20.36	2	22
		1	74	20.47	20.40	20.33	2	22
		36	0	19.41	19.48	19.40	3	21
		36	19	19.57	19.52	19.38	3	21
		36	39	19.38	19.49	19.35	3	21
		75	0	19.57	19.42	19.39	3	21
	256QAM	1	0	17.53	17.40	17.45	5	19
		1	37	17.40	17.33	17.18	5	19
		1	74	17.33	17.36	17.18	5	19
		36	0	17.35	17.28	17.30	5	19
		36	19	17.57	17.47	17.39	5	19
		36	39	17.38	17.35	17.19	5	19
		75	0	17.44	17.34	17.35	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.47	22.49	22.30	0	24
		1	24	22.44	22.32	22.23	0	24
		1	49	22.19	22.17	22.16	0	24
		25	0	21.57	21.38	21.33	1	23
		25	12	21.63	21.48	21.51	1	23
		25	25	21.60	21.40	21.41	1	23
		50	0	21.44	21.45	21.46	1	23
	16QAM	1	0	21.45	21.40	21.33	1	23
		1	24	21.55	21.45	21.46	1	23
		1	49	21.43	21.38	21.30	1	23
		25	0	20.44	20.43	20.38	2	22
		25	12	20.52	20.44	20.39	2	22
		25	25	20.41	20.54	20.37	2	22
		50	0	20.56	20.46	20.54	2	22
	64QAM	1	0	20.48	20.46	20.38	2	22
		1	24	20.45	20.41	20.32	2	22
		1	49	20.34	20.47	20.20	2	22
		25	0	19.40	19.42	19.33	3	21
		25	12	19.65	19.61	19.39	3	21
		25	25	19.47	19.46	19.41	3	21
		50	0	19.54	19.35	19.37	3	21
	256QAM	1	0	17.54	17.39	17.41	5	19
		1	24	17.37	17.37	17.25	5	19
		1	49	17.37	17.39	17.07	5	19
		25	0	17.39	17.29	17.36	5	19
		25	12	17.61	17.35	17.45	5	19
		25	25	17.32	17.46	17.21	5	19
		50	0	17.41	17.37	17.30	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.42	22.50	22.38	0	24
		1	12	22.38	22.38	22.29	0	24
		1	24	22.21	22.31	22.18	0	24
		12	0	21.54	21.45	21.31	1	23
		12	6	21.52	21.44	21.44	1	23
		12	13	21.57	21.40	21.52	1	23
		25	0	21.48	21.36	21.43	1	23
	16QAM	1	0	21.48	21.48	21.36	1	23
		1	12	21.45	21.48	21.47	1	23
		1	24	21.36	21.31	21.24	1	23
		12	0	20.51	20.39	20.40	2	22
		12	6	20.51	20.46	20.36	2	22
		12	13	20.45	20.44	20.33	2	22
		25	0	20.61	20.56	20.54	2	22
	64QAM	1	0	20.44	20.50	20.43	2	22
		1	12	20.37	20.40	20.35	2	22
		1	24	20.44	20.38	20.31	2	22
		12	0	19.44	19.48	19.33	3	21
		12	6	19.54	19.53	19.50	3	21
		12	13	19.48	19.42	19.40	3	21
		25	0	19.65	19.37	19.44	3	21
	256QAM	1	0	17.46	17.34	17.45	5	19
		1	12	17.35	17.37	17.26	5	19
		1	24	17.28	17.47	17.17	5	19
		12	0	17.36	17.27	17.26	5	19
		12	6	17.61	17.33	17.36	5	19
		12	13	17.37	17.34	17.25	5	19
		25	0	17.54	17.30	17.35	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.43	22.42	22.36	0	24
		1	7	22.43	22.33	22.25	0	24
		1	14	22.19	22.22	22.27	0	24
		8	0	21.51	21.47	21.26	1	23
		8	3	21.49	21.46	21.54	1	23
		8	7	21.55	21.42	21.46	1	23
		15	0	21.55	21.39	21.49	1	23
	16QAM	1	0	21.53	21.44	21.36	1	23
		1	7	21.55	21.43	21.46	1	23
		1	14	21.48	21.44	21.17	1	23
		8	0	20.52	20.43	20.38	2	22
		8	3	20.51	20.44	20.43	2	22
		8	7	20.49	20.54	20.34	2	22
		15	0	20.64	20.50	20.44	2	22
	64QAM	1	0	20.48	20.49	20.41	2	22
		1	7	20.48	20.43	20.32	2	22
		1	14	20.41	20.42	20.28	2	22
		8	0	19.39	19.45	19.31	3	21
		8	3	19.58	19.59	19.37	3	21
		8	7	19.43	19.51	19.36	3	21
		15	0	19.54	19.46	19.37	3	21
	256QAM	1	0	17.55	17.39	17.36	5	19
		1	7	17.31	17.36	17.28	5	19
		1	14	17.33	17.36	17.09	5	19
		8	0	17.28	17.27	17.32	5	19
		8	3	17.58	17.35	17.44	5	19
		8	7	17.36	17.41	17.25	5	19
		15	0	17.47	17.28	17.23	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.41	22.46	22.38	0	24
		1	2	22.45	22.43	22.27	0	24
		1	5	22.20	22.28	22.23	0	24
		3	0	22.27	22.14	22.19	0	24
		3	1	22.41	22.27	22.37	0	24
		3	3	22.35	22.24	22.29	0	24
		6	0	21.48	21.34	21.42	1	23
	16QAM	1	0	21.53	21.47	21.44	1	23
		1	2	21.47	21.41	21.40	1	23
		1	5	21.38	21.34	21.18	1	23
		3	0	21.42	21.51	21.42	1	23
		3	1	21.49	21.45	21.45	1	23
		3	3	21.47	21.51	21.34	1	23
		6	0	20.55	20.44	20.48	2	22
	64QAM	1	0	20.49	20.53	20.37	2	22
		1	2	20.43	20.34	20.32	2	22
		1	5	20.44	20.43	20.25	2	22
		3	0	20.49	20.42	20.32	2	22
		3	1	20.53	20.49	20.44	2	22
		3	3	20.49	20.40	20.38	2	22
		6	0	19.66	19.37	19.42	3	21
	256QAM	1	0	17.48	17.31	17.39	5	19
		1	2	17.30	17.35	17.24	5	19
		1	5	17.38	17.47	17.21	5	19
		3	0	17.40	17.27	17.26	5	19
		3	1	17.54	17.33	17.44	5	19
		3	3	17.40	17.34	17.26	5	19
		6	0	17.47	17.35	17.35	5	19

LTE Band 4 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	**22.57**	22.47	22.50	0	24
		1	50	22.39	22.42	22.45	0	24
		1	99	22.35	22.44	22.37	0	24
		50	0	21.45	21.35	21.43	1	23
		50	25	21.58	21.47	21.53	1	23
		50	50	21.52	21.52	21.47	1	23
		100	0	21.49	21.54	21.51	1	23
	16QAM	1	0	21.70	21.60	21.73	1	23
		1	50	21.55	21.46	21.43	1	23
		1	99	21.61	21.52	21.55	1	23
		50	0	20.45	20.50	20.42	2	22
		50	25	20.55	20.57	20.58	2	22
		50	50	20.57	20.51	20.45	2	22
		100	0	20.51	20.50	20.54	2	22
	64QAM	1	0	20.62	20.61	20.61	2	22
		1	50	20.52	20.50	20.54	2	22
		1	99	20.65	20.48	20.63	2	22
		50	0	19.57	19.50	19.52	3	21
		50	25	19.51	19.47	19.43	3	21
		50	50	19.53	19.44	19.51	3	21
		100	0	19.58	19.58	19.47	3	21
	256QAM	1	0	17.58	17.60	17.56	5	19
		1	50	17.45	17.46	17.53	5	19
		1	99	17.62	17.46	17.60	5	19
		50	0	17.42	17.37	17.51	5	19
		50	25	17.42	17.33	17.37	5	19
		50	50	17.44	17.32	17.38	5	19
		100	0	17.55	17.54	17.43	5	19
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	22.42	22.44	22.36	0	24
		1	37	22.37	22.34	22.31	0	24
		1	74	22.22	22.41	22.33	0	24
		36	0	21.43	21.25	21.34	1	23
		36	19	21.48	21.35	21.46	1	23
		36	39	21.40	21.44	21.35	1	23
		75	0	21.44	21.42	21.37	1	23
	16QAM	1	0	21.69	21.50	21.60	1	23
		1	37	21.43	21.43	21.41	1	23
		1	74	21.49	21.51	21.43	1	23
		36	0	20.42	20.39	20.39	2	22
		36	19	20.51	20.42	20.48	2	22
		36	39	20.47	20.37	20.34	2	22
		75	0	20.50	20.49	20.46	2	22
	64QAM	1	0	20.54	20.59	20.58	2	22
		1	37	20.44	20.42	20.41	2	22
		1	74	20.63	20.34	20.59	2	22
		36	0	19.50	19.44	19.38	3	21
		36	19	19.42	19.39	19.36	3	21
		36	39	19.41	19.39	19.36	3	21
		75	0	19.52	19.46	19.42	3	21
	256QAM	1	0	17.50	17.49	17.52	5	19
		1	37	17.41	17.43	17.46	5	19
		1	74	17.54	17.33	17.58	5	19
		36	0	17.40	17.34	17.40	5	19
		36	19	17.28	17.25	17.28	5	19
		36	39	17.41	17.18	17.23	5	19
		75	0	17.49	17.53	17.42	5	19
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	22.51	22.43	22.35	0	24
		1	24	22.30	22.33	22.31	0	24
		1	49	22.20	22.41	22.29	0	24
		25	0	21.40	21.23	21.35	1	23
		25	12	21.44	21.34	21.38	1	23
		25	25	21.48	21.39	21.32	1	23
		50	0	21.42	21.46	21.40	1	23
	16QAM	1	0	21.59	21.48	21.64	1	23
		1	24	21.51	21.42	21.31	1	23
		1	49	21.46	21.43	21.46	1	23
		25	0	20.43	20.37	20.38	2	22
		25	12	20.41	20.43	20.48	2	22
		25	25	20.50	20.49	20.33	2	22
		50	0	20.46	20.40	20.44	2	22
	64QAM	1	0	20.49	20.50	20.53	2	22
		1	24	20.43	20.37	20.44	2	22
		1	49	20.56	20.35	20.49	2	22
		25	0	19.54	19.42	19.44	3	21
		25	12	19.41	19.38	19.42	3	21
		25	25	19.39	19.39	19.40	3	21
		50	0	19.55	19.53	19.36	3	21
	256QAM	1	0	17.55	17.59	17.50	5	19
		1	24	17.31	17.42	17.45	5	19
		1	49	17.61	17.34	17.57	5	19
		25	0	17.38	17.31	17.50	5	19
		25	12	17.38	17.32	17.33	5	19
		25	25	17.43	17.17	17.37	5	19
		50	0	17.54	17.43	17.28	5	19
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	22.54	22.33	22.47	0	24
		1	12	22.24	22.31	22.39	0	24
		1	24	22.24	22.41	22.35	0	24
		12	0	21.39	21.23	21.38	1	23
		12	6	21.54	21.42	21.42	1	23
		12	13	21.51	21.40	21.46	1	23
		25	0	21.37	21.45	21.36	1	23
	16QAM	1	0	21.63	21.51	21.59	1	23
		1	12	21.47	21.34	21.40	1	23
		1	24	21.49	21.45	21.48	1	23
		12	0	20.39	20.44	20.32	2	22
		12	6	20.50	20.42	20.53	2	22
		12	13	20.53	20.50	20.30	2	22
		25	0	20.41	20.35	20.51	2	22
	64QAM	1	0	20.51	20.50	20.59	2	22
		1	12	20.42	20.43	20.42	2	22
		1	24	20.63	20.39	20.59	2	22
		12	0	19.51	19.44	19.37	3	21
		12	6	19.50	19.45	19.38	3	21
		12	13	19.48	19.31	19.36	3	21
		25	0	19.55	19.52	19.43	3	21
	256QAM	1	0	17.48	17.53	17.52	5	19
		1	12	17.43	17.44	17.51	5	19
		1	24	17.61	17.45	17.46	5	19
		12	0	17.34	17.36	17.50	5	19
		12	6	17.34	17.29	17.31	5	19
		12	13	17.43	17.23	17.30	5	19
		25	0	17.54	17.45	17.41	5	19
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	22.56	22.46	22.37	0	24
		1	7	22.35	22.40	22.41	0	24
		1	14	22.31	22.35	22.30	0	24
		8	0	21.33	21.34	21.31	1	23
		8	3	21.45	21.32	21.49	1	23
		8	7	21.43	21.38	21.34	1	23
		15	0	21.34	21.40	21.45	1	23
	16QAM	1	0	21.69	21.48	21.60	1	23
		1	7	21.45	21.34	21.36	1	23
		1	14	21.56	21.49	21.52	1	23
		8	0	20.38	20.36	20.30	2	22
		8	3	20.54	20.42	20.44	2	22
		8	7	20.44	20.43	20.44	2	22
		15	0	20.46	20.38	20.46	2	22
	64QAM	1	0	20.57	20.53	20.58	2	22
		1	7	20.42	20.49	20.51	2	22
		1	14	20.63	20.39	20.51	2	22
		8	0	19.43	19.35	19.48	3	21
		8	3	19.50	19.33	19.39	3	21
		8	7	19.39	19.29	19.43	3	21
		15	0	19.43	19.55	19.34	3	21
	256QAM	1	0	17.43	17.53	17.55	5	19
		1	7	17.31	17.38	17.46	5	19
		1	14	17.61	17.44	17.54	5	19
		8	0	17.32	17.34	17.44	5	19
		8	3	17.35	17.31	17.29	5	19
		8	7	17.43	17.28	17.34	5	19
		15	0	17.42	17.49	17.34	5	19
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	22.52	22.35	22.44	0	24
		1	2	22.34	22.41	22.35	0	24
		1	5	22.26	22.31	22.33	0	24
		3	0	22.10	22.14	22.11	0	24
		3	1	22.34	22.13	22.19	0	24
		3	3	22.29	22.30	22.25	0	24
		6	0	21.41	21.41	21.46	1	23
	16QAM	1	0	21.61	21.53	21.60	1	23
		1	2	21.51	21.42	21.30	1	23
		1	5	21.57	21.38	21.45	1	23
		3	0	21.32	21.49	21.31	1	23
		3	1	21.45	21.55	21.49	1	23
		3	3	21.49	21.42	21.43	1	23
		6	0	20.49	20.38	20.44	2	22
	64QAM	1	0	20.48	20.52	20.52	2	22
		1	2	20.40	20.45	20.47	2	22
		1	5	20.61	20.34	20.55	2	22
		3	0	20.54	20.48	20.42	2	22
		3	1	20.46	20.46	20.38	2	22
		3	3	20.47	20.29	20.37	2	22
		6	0	19.46	19.56	19.46	3	21
	256QAM	1	0	17.52	17.51	17.43	5	19
		1	2	17.43	17.44	17.44	5	19
		1	5	17.61	17.43	17.50	5	19
		3	0	17.40	17.33	17.48	5	19
		3	1	17.28	17.25	17.28	5	19
		3	3	17.34	17.25	17.31	5	19
		6	0	17.49	17.40	17.33	5	19

LTE Band 5 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	22.49	22.55	**22.66**	0	24
		1	24	22.58	22.45	22.49	0	24
		1	49	22.46	22.48	22.58	0	24
		25	0	21.57	21.49	21.57	1	23
		25	12	21.54	21.61	21.62	1	23
		25	25	21.65	21.53	21.61	1	23
		50	0	21.65	21.63	21.58	1	23
	16QAM	1	0	21.79	21.73	21.77	1	23
		1	24	21.70	21.61	21.67	1	23
		1	49	21.67	21.66	21.67	1	23
		25	0	20.52	20.53	20.59	2	22
		25	12	20.68	20.53	20.65	2	22
		25	25	20.70	20.67	20.73	2	22
		50	0	20.63	20.56	20.60	2	22
	64QAM	1	0	20.63	20.66	20.76	2	22
		1	24	20.67	20.73	20.76	2	22
		1	49	20.61	20.60	20.56	2	22
		25	0	19.58	19.59	19.69	3	21
		25	12	19.61	19.59	19.60	3	21
		25	25	19.57	19.60	19.62	3	21
		50	0	19.48	19.48	19.58	3	21
	256QAM	1	0	17.61	17.62	17.71	5	19
		1	24	17.57	17.65	17.64	5	19
		1	49	17.49	17.52	17.42	5	19
		25	0	17.50	17.57	17.62	5	19
		25	12	17.46	17.49	17.55	5	19
		25	25	17.51	17.48	17.59	5	19
		50	0	17.41	17.42	17.45	5	19
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	22.35	22.51	22.61	0	24
		1	12	22.55	22.31	22.48	0	24
		1	24	22.32	22.39	22.47	0	24
		12	0	21.56	21.48	21.46	1	23
		12	6	21.43	21.55	21.51	1	23
		12	13	21.51	21.52	21.48	1	23
		25	0	21.55	21.50	21.57	1	23
	16QAM	1	0	21.76	21.58	21.73	1	23
		1	12	21.60	21.50	21.58	1	23
		1	24	21.66	21.56	21.63	1	23
		12	0	20.46	20.44	20.56	2	22
		12	6	20.65	20.42	20.60	2	22
		12	13	20.60	20.59	20.63	2	22
		25	0	20.52	20.49	20.59	2	22
	64QAM	1	0	20.56	20.57	20.68	2	22
		1	12	20.53	20.69	20.70	2	22
		1	24	20.59	20.46	20.52	2	22
		12	0	19.51	19.57	19.64	3	21
		12	6	19.52	19.48	19.50	3	21
		12	13	19.48	19.58	19.49	3	21
		25	0	19.38	19.38	19.45	3	21
	256QAM	1	0	17.58	17.51	17.57	5	19
		1	12	17.48	17.61	17.51	5	19
		1	24	17.42	17.42	17.29	5	19
		12	0	17.45	17.48	17.57	5	19
		12	6	17.32	17.39	17.42	5	19
		12	13	17.42	17.42	17.47	5	19
		25	0	17.35	17.34	17.41	5	19
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	22.40	22.51	22.60	0	24
		1	7	22.44	22.36	22.38	0	24
		1	14	22.35	22.44	22.44	0	24
		8	0	21.42	21.46	21.42	1	23
		8	3	21.42	21.58	21.54	1	23
		8	7	21.57	21.46	21.54	1	23
		15	0	21.63	21.55	21.57	1	23
	16QAM	1	0	21.71	21.72	21.67	1	23
		1	7	21.58	21.50	21.55	1	23
		1	14	21.62	21.58	21.59	1	23
		8	0	20.50	20.50	20.53	2	22
		8	3	20.60	20.47	20.56	2	22
		8	7	20.58	20.66	20.70	2	22
		15	0	20.50	20.42	20.58	2	22
	64QAM	1	0	20.57	20.55	20.66	2	22
		1	7	20.61	20.59	20.72	2	22
		1	14	20.54	20.48	20.55	2	22
		8	0	19.45	19.54	19.60	3	21
		8	3	19.50	19.50	19.58	3	21
		8	7	19.50	19.47	19.49	3	21
		15	0	19.33	19.33	19.44	3	21
	256QAM	1	0	17.58	17.54	17.57	5	19
		1	7	17.46	17.53	17.61	5	19
		1	14	17.34	17.44	17.41	5	19
		8	0	17.45	17.51	17.48	5	19
		8	3	17.38	17.36	17.52	5	19
		8	7	17.42	17.46	17.50	5	19
		15	0	17.39	17.35	17.39	5	19
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	22.37	22.45	22.64	0	24
		1	2	22.48	22.36	22.46	0	24
		1	5	22.43	22.46	22.49	0	24
		3	0	22.34	22.24	22.35	0	24
		3	1	22.19	22.26	22.37	0	24
		3	3	22.32	22.23	22.40	0	24
		6	0	21.61	21.60	21.51	1	23
	16QAM	1	0	21.78	21.68	21.76	1	23
		1	2	21.62	21.47	21.63	1	23
		1	5	21.64	21.65	21.53	1	23
		3	0	21.45	21.46	21.46	1	23
		3	1	21.62	21.43	21.61	1	23
		3	3	21.63	21.55	21.60	1	23
		6	0	20.57	20.43	20.58	2	22
	64QAM	1	0	20.55	20.51	20.71	2	22
		1	2	20.54	20.60	20.67	2	22
		1	5	20.58	20.46	20.44	2	22
		3	0	20.47	20.52	20.65	2	22
		3	1	20.46	20.50	20.49	2	22
		3	3	20.43	20.54	20.47	2	22
		6	0	19.34	19.45	19.56	3	21
	256QAM	1	0	17.57	17.49	17.63	5	19
		1	2	17.49	17.55	17.54	5	19
		1	5	17.34	17.42	17.37	5	19
		3	0	17.46	17.53	17.48	5	19
		3	1	17.31	17.47	17.47	5	19
		3	3	17.40	17.37	17.45	5	19
		6	0	17.40	17.38	17.30	5	19

LTE Band 7 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.37	22.50	22.44	0	24
		1	50	22.45	22.55	22.52	0	24
		1	99	22.49	22.57	**22.68**	0	24
		50	0	21.46	21.45	21.53	1	23
		50	25	21.48	21.53	21.68	1	23
		50	50	21.60	21.65	21.63	1	23
		100	0	21.44	21.49	21.57	1	23
	16QAM	1	0	21.64	21.76	21.80	1	23
		1	50	21.78	21.81	21.83	1	23
		1	99	21.74	21.82	21.90	1	23
		50	0	20.52	20.54	20.52	2	22
		50	25	20.48	20.55	20.60	2	22
		50	50	20.59	20.78	20.70	2	22
		100	0	20.53	20.60	20.63	2	22
	64QAM	1	0	20.50	20.51	20.57	2	22
		1	50	20.57	20.71	20.78	2	22
		1	99	20.68	20.76	20.71	2	22
		50	0	19.50	19.59	19.55	3	21
		50	25	19.50	19.66	19.60	3	21
		50	50	19.65	19.70	19.75	3	21
		100	0	19.56	19.65	19.57	3	21
	256QAM	1	0	17.42	17.37	17.59	5	19
		1	50	17.45	17.64	17.61	5	19
		1	99	17.36	17.53	17.61	5	19
		50	0	16.20	16.35	16.42	5	19
		50	25	16.55	16.49	16.53	5	19
		50	50	16.47	16.44	16.47	5	19
		100	0	16.36	16.37	16.39	5	19

BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.31	22.42	22.40	0	24
		1	37	22.37	22.42	22.48	0	24
		1	74	22.44	22.44	22.57	0	24
		36	0	21.32	21.32	21.43	1	23
		36	19	21.37	21.47	21.53	1	23
		36	39	21.48	21.60	21.62	1	23
		75	0	21.38	21.34	21.53	1	23
	16QAM	1	0	21.59	21.71	21.77	1	23
		1	37	21.74	21.80	21.74	1	23
		1	74	21.69	21.70	21.81	1	23
		36	0	20.45	20.51	20.40	2	22
		36	19	20.43	20.44	20.57	2	22
		36	39	20.53	20.75	20.55	2	22
		75	0	20.39	20.49	20.59	2	22
	64QAM	1	0	20.48	20.43	20.54	2	22
		1	37	20.43	20.67	20.65	2	22
		1	74	20.59	20.74	20.61	2	22
		36	0	19.36	19.58	19.46	3	21
		36	19	19.35	19.55	19.52	3	21
		36	39	19.59	19.61	19.73	3	21
		75	0	19.52	19.55	19.48	3	21
	256QAM	1	0	17.29	17.32	17.54	5	19
		1	37	17.39	17.51	17.56	5	19
		1	74	17.27	17.43	17.52	5	19
		36	0	16.17	16.34	16.32	5	19
		36	19	16.43	16.39	16.41	5	19
		36	39	16.44	16.31	16.34	5	19
		75	0	16.34	16.24	16.24	5	19

BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.31	22.43	22.32	0	24
		1	24	22.40	22.41	22.51	0	24
		1	49	22.47	22.49	22.60	0	24
		25	0	21.34	21.39	21.43	1	23
		25	12	21.46	21.47	21.61	1	23
		25	25	21.46	21.55	21.53	1	23
		50	0	21.32	21.45	21.54	1	23
	16QAM	1	0	21.59	21.71	21.67	1	23
		1	24	21.71	21.66	21.76	1	23
		1	49	21.69	21.77	21.80	1	23
		25	0	20.45	20.50	20.41	2	22
		25	12	20.45	20.54	20.54	2	22
		25	25	20.46	20.70	20.63	2	22
		50	0	20.40	20.59	20.49	2	22
	64QAM	1	0	20.49	20.45	20.43	2	22
		1	24	20.46	20.62	20.67	2	22
		1	49	20.57	20.65	20.58	2	22
		25	0	19.41	19.44	19.52	3	21
		25	12	19.43	19.51	19.58	3	21
		25	25	19.52	19.60	19.60	3	21
		50	0	19.42	19.55	19.55	3	21
	256QAM	1	0	17.37	17.26	17.58	5	19
		1	24	17.43	17.52	17.50	5	19
		1	49	17.30	17.45	17.52	5	19
		25	0	16.05	16.27	16.36	5	19
		25	12	16.42	16.48	16.47	5	19
		25	25	16.35	16.32	16.40	5	19
		50	0	16.24	16.27	16.27	5	19

BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.26	22.43	22.33	0	24
		1	12	22.30	22.45	22.48	0	24
		1	24	22.38	22.53	22.56	0	24
		12	0	21.31	21.38	21.40	1	23
		12	6	21.33	21.48	21.54	1	23
		12	13	21.57	21.61	21.58	1	23
		25	0	21.42	21.38	21.47	1	23
	16QAM	1	0	21.55	21.62	21.69	1	23
		1	12	21.69	21.66	21.69	1	23
		1	24	21.63	21.71	21.81	1	23
		12	0	20.48	20.48	20.37	2	22
		12	6	20.40	20.46	20.50	2	22
		12	13	20.53	20.70	20.61	2	22
		25	0	20.40	20.57	20.57	2	22
	64QAM	1	0	20.40	20.47	20.43	2	22
		1	12	20.45	20.62	20.69	2	22
		1	24	20.54	20.71	20.59	2	22
		12	0	19.36	19.47	19.43	3	21
		12	6	19.38	19.58	19.49	3	21
		12	13	19.51	19.59	19.73	3	21
		25	0	19.49	19.54	19.42	3	21
	256QAM	1	0	17.31	17.36	17.48	5	19
		1	12	17.32	17.51	17.50	5	19
		1	24	17.29	17.42	17.55	5	19
		12	0	16.10	16.31	16.28	5	19
		12	6	16.41	16.39	16.42	5	19
		12	13	16.35	16.35	16.34	5	19
		25	0	16.33	16.29	16.33	5	19

LTE Band 12 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23060	23095	23130		
		Frequency (MHz)		704	707.5	711		
10M	QPSK	1	0	22.32	22.23	22.28	0	24
		1	24	22.39	22.26	22.34	0	24
		1	49	**22.42**	22.28	22.34	0	24
		25	0	21.29	21.24	21.31	1	23
		25	12	21.36	21.39	21.31	1	23
		25	25	21.40	21.40	21.35	1	23
		50	0	21.39	21.32	21.38	1	23
	16QAM	1	0	21.51	21.43	21.47	1	23
		1	24	21.53	21.49	21.52	1	23
		1	49	21.54	21.52	21.56	1	23
		25	0	20.36	20.27	20.35	2	22
		25	12	20.47	20.38	20.49	2	22
		25	25	20.47	20.44	20.41	2	22
		50	0	20.44	20.34	20.39	2	22
	64QAM	1	0	20.51	20.37	20.39	2	22
		1	24	20.48	20.48	20.48	2	22
		1	49	20.52	20.56	20.49	2	22
		25	0	19.27	19.29	19.37	3	21
		25	12	19.51	19.33	19.44	3	21
		25	25	19.48	19.37	19.51	3	21
		50	0	19.35	19.42	19.32	3	21
	256QAM	1	0	17.47	17.25	17.28	5	19
		1	24	17.42	17.42	17.35	5	19
		1	49	17.38	17.45	17.38	5	19
		25	0	17.17	17.23	17.36	5	19
		25	12	17.44	17.21	17.40	5	19
		25	25	17.34	17.23	17.37	5	19
		50	0	17.23	17.32	17.24	5	19

BW	Modulation	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
5M	QPSK	1	0	22.30	22.16	22.16	0	24
		1	12	22.29	22.25	22.19	0	24
		1	24	22.39	22.15	22.29	0	24
		12	0	21.23	21.15	21.27	1	23
		12	6	21.25	21.28	21.26	1	23
		12	13	21.29	21.36	21.28	1	23
		25	0	21.24	21.25	21.26	1	23
	16QAM	1	0	21.48	21.28	21.43	1	23
		1	12	21.51	21.38	21.45	1	23
		1	24	21.53	21.37	21.41	1	23
		12	0	20.33	20.22	20.30	2	22
		12	6	20.32	20.34	20.38	2	22
		12	13	20.41	20.43	20.38	2	22
		25	0	20.38	20.29	20.35	2	22
	64QAM	1	0	20.38	20.28	20.34	2	22
		1	12	20.42	20.34	20.36	2	22
		1	24	20.51	20.48	20.42	2	22
		12	0	19.21	19.26	19.23	3	21
		12	6	19.39	19.24	19.33	3	21
		12	13	19.41	19.27	19.47	3	21
		25	0	19.21	19.27	19.21	3	21
	256QAM	1	0	17.42	17.11	17.27	5	19
		1	12	17.32	17.33	17.26	5	19
		1	24	17.37	17.32	17.33	5	19
		12	0	17.05	17.08	17.34	5	19
		12	6	17.42	17.20	17.32	5	19
		12	13	17.31	17.08	17.34	5	19
		25	0	17.13	17.22	17.13	5	19

BW	Modulation	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		700.5	707.5	714.5		
3M	QPSK	1	0	22.24	22.20	22.18	0	24
		1	7	22.25	22.18	22.19	0	24
		1	14	22.37	22.21	22.19	0	24
		8	0	21.21	21.23	21.24	1	23
		8	3	21.35	21.28	21.22	1	23
		8	7	21.37	21.31	21.32	1	23
		15	0	21.30	21.30	21.35	1	23
	16QAM	1	0	21.49	21.37	21.33	1	23
		1	7	21.48	21.48	21.45	1	23
		1	14	21.50	21.46	21.48	1	23
		8	0	20.27	20.18	20.30	2	22
		8	3	20.43	20.34	20.44	2	22
		8	7	20.44	20.41	20.28	2	22
		15	0	20.32	20.31	20.37	2	22
	64QAM	1	0	20.44	20.27	20.28	2	22
		1	7	20.41	20.43	20.41	2	22
		1	14	20.37	20.41	20.37	2	22
		8	0	19.17	19.21	19.28	3	21
		8	3	19.43	19.18	19.34	3	21
		8	7	19.34	19.28	19.47	3	21
		15	0	19.33	19.32	19.31	3	21
	256QAM	1	0	17.40	17.24	17.18	5	19
		1	7	17.29	17.31	17.34	5	19
		1	14	17.30	17.40	17.26	5	19
		8	0	17.08	17.12	17.26	5	19
		8	3	17.35	17.20	17.39	5	19
		8	7	17.19	17.11	17.36	5	19
		15	0	17.21	17.23	17.21	5	19

BW	Modulation	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		699.7	707.5	715.3		
1.4M	QPSK	1	0	22.19	22.08	22.27	0	24
		1	2	22.33	22.11	22.20	0	24
		1	5	22.33	22.18	22.26	0	24
		3	0	21.96	21.97	22.03	0	24
		3	1	22.07	22.11	22.04	0	24
		3	3	22.09	22.18	22.02	0	24
		6	0	21.26	21.22	21.32	1	23
	16QAM	1	0	21.46	21.29	21.45	1	23
		1	2	21.41	21.40	21.38	1	23
		1	5	21.49	21.40	21.52	1	23
		3	0	21.30	21.19	21.29	1	23
		3	1	21.43	21.37	21.46	1	23
		3	3	21.43	21.43	21.40	1	23
		6	0	20.37	20.33	20.26	2	22
	64QAM	1	0	20.50	20.34	20.34	2	22
		1	2	20.43	20.42	20.33	2	22
		1	5	20.51	20.43	20.35	2	22
		3	0	20.12	20.24	20.23	2	22
		3	1	20.50	20.26	20.36	2	22
		3	3	20.45	20.32	20.49	2	22
		6	0	19.23	19.29	19.31	3	21
	256QAM	1	0	17.37	17.12	17.26	5	19
		1	2	17.32	17.30	17.28	5	19
		1	5	17.25	17.36	17.28	5	19
		3	0	17.07	17.14	17.34	5	19
		3	1	17.31	17.18	17.27	5	19
		3	3	17.24	17.08	17.26	5	19
		6	0	17.14	17.30	17.21	5	19

LTE Band 13 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23230		
		Frequency (MHz)		782		
10M	QPSK	1	0	22.54	0	24
		1	24	**22.57**	0	24
		1	49	22.48	0	24
		25	0	21.57	1	23
		25	12	21.55	1	23
		25	25	21.58	1	23
		50	0	21.56	1	23
	16QAM	1	0	21.71	1	23
		1	24	21.73	1	23
		1	49	21.65	1	23
		25	0	20.56	2	22
		25	12	20.60	2	22
		25	25	20.62	2	22
		50	0	20.59	2	22
	64QAM	1	0	20.74	2	22
		1	24	20.80	2	22
		1	49	20.63	2	22
		25	0	19.58	3	21
		25	12	19.56	3	21
		25	25	19.61	3	21
		50	0	19.58	3	21
	256QAM	1	0	17.66	5	19
		1	24	17.65	5	19
		1	49	17.56	5	19
		25	0	17.55	5	19
		25	12	17.41	5	19
		25	25	17.60	5	19
		50	0	17.52	5	19

BW	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		779.5	782	784.5		
5M	QPSK	1	0	22.46	22.48	22.52	0	24
		1	12	22.47	22.46	22.45	0	24
		1	24	22.37	22.47	22.40	0	24
		12	0	21.43	21.53	21.50	1	23
		12	6	21.52	21.42	21.52	1	23
		12	13	21.54	21.47	21.56	1	23
		25	0	21.50	21.43	21.45	1	23
	16QAM	1	0	21.70	21.63	21.67	1	23
		1	12	21.65	21.58	21.67	1	23
		1	24	21.52	21.63	21.53	1	23
		12	0	20.43	20.46	20.55	2	22
		12	6	20.57	20.46	20.56	2	22
		12	13	20.57	20.58	20.56	2	22
		25	0	20.54	20.58	20.53	2	22
	64QAM	1	0	20.71	20.61	20.68	2	22
		1	12	20.78	20.72	20.79	2	22
		1	24	20.56	20.53	20.49	2	22
		12	0	19.50	19.49	19.56	3	21
		12	6	19.51	19.45	19.55	3	21
		12	13	19.50	19.48	19.54	3	21
		25	0	19.45	19.48	19.44	3	21
	256QAM	1	0	17.57	17.65	17.64	5	19
		1	12	17.53	17.57	17.61	5	19
		1	24	17.51	17.41	17.42	5	19
		12	0	17.41	17.52	17.52	5	19
		12	6	17.39	17.30	17.37	5	19
		12	13	17.51	17.45	17.58	5	19
		25	0	17.41	17.43	17.47	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	22.71	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19
BW	Modulation	Channel		23305	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5		
5M	QPSK	1	0	22.54	0	24
		1	12	22.68	0	24
		1	24	22.46	0	24
		12	0	21.57	1	23
		12	6	21.55	1	23
		12	13	21.53	1	23
		25	0	21.49	1	23
	16QAM	1	0	21.61	1	23
		1	12	21.84	1	23
		1	24	21.54	1	23
		12	0	20.60	2	22
		12	6	20.53	2	22
		12	13	20.59	2	22
		25	0	20.64	2	22
	64QAM	1	0	20.79	2	22
		1	12	20.78	2	22
		1	24	20.75	2	22
		12	0	19.59	3	21
		12	6	19.57	3	21
		12	13	19.57	3	21
		25	0	19.47	3	21
	256QAM	1	0	17.77	5	19
		1	12	17.71	5	19
		1	24	17.63	5	19
		12	0	17.43	5	19
		12	6	17.55	5	19
		12	13	17.47	5	19
		25	0	17.40	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	22.66	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.55	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.48	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.58	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.38	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.28	5	19
BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.49	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.49	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.38	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1850	1880	1905		
20M	QPSK	1	0	22.47	22.56	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.46	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.48	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19
BW	Modulation	Channel		26115	26340	26515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19
BW	Modulation	Channel		26090	26340	26540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19
BW	Modulation	Channel		26065	26340	26565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19
BW	Modulation	Channel		26050	26340	26575	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19
BW	Modulation	Channel		26047	26340	26633	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1914.3		
1.4M	QPSK	1	0	22.39	22.51	22.18	0	24
		1	2	22.43	22.51	22.27	0	24
		1	5	22.15	22.31	22.15	0	24
		3	0	22.30	22.41	22.27	0	24
		3	1	22.37	22.41	22.31	0	24
		3	3	22.21	22.23	22.18	0	24
		6	0	21.45	21.53	21.40	1	23
	16QAM	1	0	21.57	21.63	21.43	1	23
		1	2	21.42	21.55	21.36	1	23
		1	5	21.43	21.45	21.31	1	23
		3	0	21.50	21.49	21.25	1	23
		3	1	21.44	21.46	21.29	1	23
		3	3	21.44	21.43	21.39	1	23
		6	0	20.53	20.44	20.39	2	22
	64QAM	1	0	20.56	20.63	20.49	2	22
		1	2	20.31	20.41	20.29	2	22
		1	5	20.27	20.32	20.31	2	22
		3	0	20.49	20.48	20.28	2	22
		3	1	20.48	20.48	20.42	2	22
		3	3	20.48	20.49	20.30	2	22
		6	0	19.43	19.45	19.41	3	21
	256QAM	1	0	17.54	17.48	17.43	5	19
		1	2	17.33	17.21	17.27	5	19
		1	5	17.18	17.30	17.25	5	19
		3	0	17.44	17.33	17.14	5	19
		3	1	17.38	17.50	17.23	5	19
		3	3	17.34	17.42	17.35	5	19
		6	0	17.37	17.47	17.22	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	22.71	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19
BW	Modulation	Channel		23305	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5		
5M	QPSK	1	0	22.54	0	24
		1	12	22.68	0	24
		1	24	22.46	0	24
		12	0	21.57	1	23
		12	6	21.55	1	23
		12	13	21.53	1	23
		25	0	21.49	1	23
	16QAM	1	0	21.61	1	23
		1	12	21.84	1	23
		1	24	21.54	1	23
		12	0	20.60	2	22
		12	6	20.53	2	22
		12	13	20.59	2	22
		25	0	20.64	2	22
	64QAM	1	0	20.79	2	22
		1	12	20.78	2	22
		1	24	20.75	2	22
		12	0	19.59	3	21
		12	6	19.57	3	21
		12	13	19.57	3	21
		25	0	19.47	3	21
	256QAM	1	0	17.77	5	19
		1	12	17.71	5	19
		1	24	17.63	5	19
		12	0	17.43	5	19
		12	6	17.55	5	19
		12	13	17.47	5	19
		25	0	17.40	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	22.66	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.55	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.48	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.58	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.38	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.28	5	19
BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.49	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.49	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.38	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1850	1880	1905		
20M	QPSK	1	0	22.47	22.56	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.46	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.48	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19
BW	Modulation	Channel		26115	26340	26515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19
BW	Modulation	Channel		26090	26340	26540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19
BW	Modulation	Channel		26065	26340	26565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19
BW	Modulation	Channel		26050	26340	26575	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19
BW	Modulation	Channel		26047	26340	26633	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1914.3		
1.4M	QPSK	1	0	22.39	22.51	22.18	0	24
		1	2	22.43	22.51	22.27	0	24
		1	5	22.15	22.31	22.15	0	24
		3	0	22.30	22.41	22.27	0	24
		3	1	22.37	22.41	22.31	0	24
		3	3	22.21	22.23	22.18	0	24
		6	0	21.45	21.53	21.40	1	23
	16QAM	1	0	21.57	21.63	21.43	1	23
		1	2	21.42	21.55	21.36	1	23
		1	5	21.43	21.45	21.31	1	23
		3	0	21.50	21.49	21.25	1	23
		3	1	21.44	21.46	21.29	1	23
		3	3	21.44	21.43	21.39	1	23
		6	0	20.53	20.44	20.39	2	22
	64QAM	1	0	20.56	20.63	20.49	2	22
		1	2	20.31	20.41	20.29	2	22
		1	5	20.27	20.32	20.31	2	22
		3	0	20.49	20.48	20.28	2	22
		3	1	20.48	20.48	20.42	2	22
		3	3	20.48	20.49	20.30	2	22
		6	0	19.43	19.45	19.41	3	21
	256QAM	1	0	17.54	17.48	17.43	5	19
		1	2	17.33	17.21	17.27	5	19
		1	5	17.18	17.30	17.25	5	19
		3	0	17.44	17.33	17.14	5	19
		3	1	17.38	17.50	17.23	5	19
		3	3	17.34	17.42	17.35	5	19
		6	0	17.37	17.47	17.22	5	19

LTE Band 26 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15M	QPSK	1	0	**22.21**	22.08	22.09	0	24
		1	37	22.16	22.08	22.07	0	24
		1	74	22.07	22.05	22.05	0	24
		36	0	21.13	21.13	21.18	1	23
		36	19	21.19	21.15	21.18	1	23
		36	39	21.28	21.26	21.22	1	23
		75	0	21.20	21.14	21.25	1	23
	16QAM	1	0	21.36	21.34	21.29	1	23
		1	37	21.32	21.23	21.18	1	23
		1	74	21.18	21.23	21.18	1	23
		36	0	20.25	20.19	20.17	2	22
		36	19	20.21	20.21	20.15	2	22
		36	39	20.24	20.25	20.28	2	22
		75	0	20.25	20.25	20.26	2	22
	64QAM	1	0	20.27	20.29	20.28	2	22
		1	37	20.38	20.24	20.37	2	22
		1	74	20.30	20.28	20.28	2	22
		36	0	19.16	19.24	19.17	3	21
		36	19	19.21	19.12	19.18	3	21
		36	39	19.22	19.26	19.26	3	21
		75	0	19.32	19.20	19.29	3	21
	256QAM	1	0	17.25	17.16	17.14	5	19
		1	37	17.26	17.14	17.33	5	19
		1	74	17.28	17.15	17.18	5	19
		36	0	17.01	17.21	17.06	5	19
		36	19	17.10	17.06	17.17	5	19
		36	39	17.07	17.12	17.23	5	19
		75	0	17.20	17.12	17.19	5	19
BW	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10M	QPSK	1	0	22.14	22.00	22.05	0	24
		1	24	22.05	22.02	21.96	0	24
		1	49	21.95	21.93	22.04	0	24
		25	0	21.04	21.05	21.03	1	23
		25	12	21.09	21.00	21.14	1	23
		25	25	21.17	21.20	21.17	1	23
		50	0	21.19	21.06	21.14	1	23
	16QAM	1	0	21.29	21.29	21.19	1	23
		1	24	21.25	21.20	21.14	1	23
		1	49	21.15	21.18	21.16	1	23
		25	0	20.18	20.09	20.03	2	22
		25	12	20.09	20.08	20.07	2	22
		25	25	20.14	20.23	20.17	2	22
		50	0	20.22	20.22	20.12	2	22
	64QAM	1	0	20.13	20.28	20.25	2	22
		1	24	20.26	20.15	20.27	2	22
		1	49	20.28	20.19	20.14	2	22
		25	0	19.03	19.20	19.11	3	21
		25	12	19.14	19.02	19.05	3	21
		25	25	19.11	19.11	19.22	3	21
		50	0	19.24	19.25	19.17	3	21
	256QAM	1	0	17.10	17.09	17.05	5	19
		1	24	17.12	17.04	17.21	5	19
		1	49	17.23	17.06	17.16	5	19
		25	0	16.98	17.20	16.97	5	19
		25	12	17.02	16.97	17.02	5	19
		25	25	17.05	17.11	17.18	5	19
		50	0	17.11	16.98	17.06	5	19
BW	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5M	QPSK	1	0	22.16	21.94	21.97	0	24
		1	12	22.03	21.94	21.96	0	24
		1	24	21.97	21.96	21.91	0	24
		12	0	21.10	21.01	21.12	1	23
		12	6	21.06	21.10	21.17	1	23
		12	13	21.03	21.13	21.14	1	23
		25	0	21.12	21.10	21.20	1	23
	16QAM	1	0	21.28	21.27	21.14	1	23
		1	12	21.25	21.18	21.04	1	23
		1	24	21.09	21.11	21.15	1	23
		12	0	20.10	20.08	20.07	2	22
		12	6	20.15	20.09	20.14	2	22
		12	13	20.15	20.14	20.24	2	22
		25	0	20.19	20.12	20.18	2	22
	64QAM	1	0	20.18	20.16	20.17	2	22
		1	12	20.27	20.09	20.26	2	22
		1	24	20.27	20.26	20.21	2	22
		12	0	19.11	19.21	19.04	3	21
		12	6	19.14	19.03	19.14	3	21
		12	13	19.08	19.21	19.11	3	21
		25	0	19.24	19.13	19.27	3	21
	256QAM	1	0	17.13	17.07	17.12	5	19
		1	12	17.22	17.03	17.20	5	19
		1	24	17.21	17.01	17.14	5	19
		12	0	16.99	17.16	17.01	5	19
		12	6	16.97	17.04	17.05	5	19
		12	13	17.02	17.00	17.09	5	19
		25	0	17.10	17.01	17.12	5	19
BW	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3M	QPSK	1	0	22.20	22.07	22.05	0	24
		1	7	22.14	22.02	22.06	0	24
		1	14	22.00	21.97	22.04	0	24
		8	0	20.99	21.06	21.16	1	23
		8	3	21.05	21.13	21.09	1	23
		8	7	21.16	21.14	21.26	1	23
		15	0	21.12	21.05	21.18	1	23
	16QAM	1	0	21.23	21.25	21.14	1	23
		1	7	21.29	21.11	21.08	1	23
		1	14	21.17	21.22	21.13	1	23
		8	0	20.16	20.07	20.11	2	22
		8	3	20.17	20.06	20.08	2	22
		8	7	20.12	20.24	20.18	2	22
		15	0	20.12	20.18	20.25	2	22
	64QAM	1	0	20.16	20.27	20.19	2	22
		1	7	20.28	20.20	20.28	2	22
		1	14	20.29	20.16	20.14	2	22
		8	0	19.06	19.16	19.02	3	21
		8	3	19.13	19.02	19.14	3	21
		8	7	19.18	19.16	19.15	3	21
		15	0	19.28	19.12	19.17	3	21
	256QAM	1	0	17.16	17.04	17.12	5	19
		1	7	17.22	17.03	17.22	5	19
		1	14	17.23	17.00	17.09	5	19
		8	0	16.88	17.09	17.00	5	19
		8	3	16.96	16.96	17.13	5	19
		8	7	16.96	16.99	17.20	5	19
		15	0	17.11	16.98	17.04	5	19
BW	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4M	QPSK	1	0	22.16	22.00	21.98	0	24
		1	2	22.12	22.00	22.01	0	24
		1	5	22.02	21.95	21.91	0	24
		3	0	21.91	21.83	21.85	0	24
		3	1	21.84	21.87	21.90	0	24
		3	3	21.88	21.94	22.00	0	24
		6	0	21.13	21.05	21.21	1	23
	16QAM	1	0	21.28	21.28	21.23	1	23
		1	2	21.24	21.11	21.05	1	23
		1	5	21.04	21.13	21.09	1	23
		3	0	21.16	21.10	21.04	1	23
		3	1	21.13	21.08	21.14	1	23
		3	3	21.17	21.21	21.22	1	23
		6	0	20.17	20.22	20.22	2	22
	64QAM	1	0	20.19	20.26	20.20	2	22
		1	2	20.32	20.22	20.25	2	22
		1	5	20.26	20.13	20.21	2	22
		3	0	20.08	20.23	20.06	2	22
		3	1	20.09	20.11	20.14	2	22
		3	3	20.10	20.16	20.20	2	22
		6	0	19.29	19.12	19.22	3	21
	256QAM	1	0	17.17	17.05	17.11	5	19
		1	2	17.11	16.99	17.28	5	19
		1	5	17.27	17.01	17.08	5	19
		3	0	16.96	17.06	17.03	5	19
		3	1	17.08	16.98	17.04	5	19
		3	3	17.02	17.08	17.11	5	19
		6	0	17.08	16.97	17.14	5	19

LTE Band 30 (Ant10)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		27710		
		Frequency (MHz)		2310		
10M	QPSK	1	0	23.08	0	24
		1	24	**23.16**	0	24
		1	49	23.09	0	24
		25	0	22.11	1	23
		25	12	22.13	1	23
		25	25	22.12	1	23
		50	0	22.11	1	23
	16QAM	1	0	22.27	1	23
		1	24	22.36	1	23
		1	49	22.24	1	23
		25	0	21.15	2	22
		25	12	21.20	2	22
		25	25	21.13	2	22
		50	0	21.13	2	22
	64QAM	1	0	21.21	2	22
		1	24	21.31	2	22
		1	49	21.25	2	22
		25	0	20.14	3	21
		25	12	20.19	3	21
		25	25	20.14	3	21
		50	0	20.12	3	21
	256QAM	1	0	18.20	5	19
		1	24	18.29	5	19
		1	49	18.22	5	19
		25	0	18.10	5	19
		25	12	18.14	5	19
		25	25	18.02	5	19
		50	0	18.08	5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	23.01	22.99	23.03	0	24
		1	12	23.02	23.15	23.08	0	24
		1	24	22.99	23.07	22.97	0	24
		12	0	22.10	22.06	22.00	1	23
		12	6	22.03	22.07	21.99	1	23
		12	13	22.07	21.99	22.00	1	23
		25	0	22.01	22.00	22.09	1	23
	16QAM	1	0	22.23	22.19	22.21	1	23
		1	12	22.35	22.23	22.29	1	23
		1	24	22.09	22.18	22.10	1	23
		12	0	21.01	21.12	21.08	2	22
		12	6	21.16	21.12	21.16	2	22
		12	13	21.03	21.10	20.99	2	22
		25	0	21.08	21.11	21.05	2	22
	64QAM	1	0	21.12	21.10	21.07	2	22
		1	12	21.21	21.21	21.26	2	22
		1	24	21.18	21.16	21.13	2	22
		12	0	20.08	20.01	20.11	3	21
		12	6	20.09	20.12	20.14	3	21
		12	13	20.13	19.99	20.07	3	21
		25	0	20.08	20.11	20.01	3	21
	256QAM	1	0	18.16	18.16	18.13	5	19
		1	12	18.20	18.27	18.19	5	19
		1	24	18.17	18.15	18.18	5	19
		12	0	18.08	18.09	17.97	5	19
		12	6	18.09	18.08	18.01	5	19
		12	13	17.92	17.99	18.01	5	19
		25	0	17.94	18.02	17.94	5	19

LTE Band 38 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20M	QPSK	1	0	22.49	22.59	22.72	0	24
		1	50	22.62	22.64	**22.79**	0	24
		1	99	22.54	22.61	22.65	0	24
		50	0	21.53	21.60	21.70	1	23
		50	25	21.62	21.65	21.76	1	23
		50	50	21.69	21.67	21.80	1	23
		100	0	21.70	21.77	21.79	1	23
	16QAM	1	0	21.57	21.56	21.63	1	23
		1	50	21.59	21.64	21.70	1	23
		1	99	21.56	21.70	21.73	1	23
		50	0	20.54	20.66	20.63	2	22
		50	25	20.68	20.69	20.72	2	22
		50	50	20.64	20.72	20.74	2	22
		100	0	20.61	20.72	20.70	2	22
	64QAM	1	0	20.58	20.62	20.62	2	22
		1	50	20.63	20.73	20.77	2	22
		1	99	20.61	20.68	20.74	2	22
		50	0	19.57	19.59	19.69	3	21
		50	25	19.67	19.71	19.77	3	21
		50	50	19.71	19.79	19.79	3	21
		100	0	19.65	19.80	19.83	3	21
	256QAM	1	0	17.55	17.60	17.65	5	19
		1	50	17.68	17.70	17.77	5	19
		1	99	17.55	17.50	17.48	5	19
		50	0	17.46	17.61	17.68	5	19
		50	25	17.59	17.65	17.81	5	19
		50	50	17.67	17.81	17.90	5	19
		100	0	17.57	17.80	17.70	5	19
BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	22.35	22.44	22.58	0	24
		1	37	22.58	22.61	22.77	0	24
		1	74	22.48	22.51	22.57	0	24
		36	0	21.39	21.49	21.69	1	23
		36	19	21.50	21.59	21.72	1	23
		36	39	21.62	21.59	21.70	1	23
		75	0	21.56	21.74	21.76	1	23
	16QAM	1	0	21.51	21.49	21.52	1	23
		1	37	21.51	21.50	21.68	1	23
		1	74	21.44	21.68	21.65	1	23
		36	0	20.48	20.63	20.48	2	22
		36	19	20.65	20.56	20.71	2	22
		36	39	20.53	20.63	20.65	2	22
		75	0	20.56	20.60	20.62	2	22
	64QAM	1	0	20.46	20.49	20.52	2	22
		1	37	20.56	20.64	20.66	2	22
		1	74	20.48	20.58	20.65	2	22
		36	0	19.45	19.46	19.54	3	21
		36	19	19.52	19.70	19.72	3	21
		36	39	19.65	19.69	19.76	3	21
		75	0	19.58	19.67	19.72	3	21
	256QAM	1	0	17.54	17.58	17.56	5	19
		1	37	17.56	17.64	17.68	5	19
		1	74	17.52	17.41	17.41	5	19
		36	0	17.42	17.46	17.55	5	19
		36	19	17.50	17.63	17.76	5	19
		36	39	17.60	17.72	17.85	5	19
		75	0	17.54	17.75	17.55	5	19
BW	Modulation	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615		
10M	QPSK	1	0	22.44	22.51	22.66	0	24
		1	24	22.50	22.50	22.64	0	24
		1	49	22.48	22.49	22.60	0	24
		25	0	21.43	21.58	21.67	1	23
		25	12	21.57	21.55	21.69	1	23
		25	25	21.66	21.52	21.65	1	23
		50	0	21.55	21.64	21.75	1	23
	16QAM	1	0	21.53	21.49	21.56	1	23
		1	24	21.52	21.55	21.59	1	23
		1	49	21.53	21.65	21.59	1	23
		25	0	20.53	20.61	20.59	2	22
		25	12	20.60	20.63	20.71	2	22
		25	25	20.54	20.62	20.72	2	22
		50	0	20.47	20.67	20.59	2	22
	64QAM	1	0	20.45	20.54	20.59	2	22
		1	24	20.54	20.63	20.64	2	22
		1	49	20.49	20.63	20.71	2	22
		25	0	19.45	19.54	19.67	3	21
		25	12	19.64	19.59	19.70	3	21
		25	25	19.65	19.70	19.64	3	21
		50	0	19.59	19.70	19.74	3	21
	256QAM	1	0	17.42	17.47	17.61	5	19
		1	24	17.67	17.61	17.66	5	19
		1	49	17.48	17.37	17.35	5	19
		25	0	17.36	17.57	17.55	5	19
		25	12	17.44	17.52	17.70	5	19
		25	25	17.65	17.74	17.80	5	19
		50	0	17.54	17.69	17.63	5	19
BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	22.46	22.52	22.68	0	24
		1	12	22.47	22.50	22.68	0	24
		1	24	22.43	22.53	22.63	0	24
		12	0	21.38	21.52	21.64	1	23
		12	6	21.48	21.57	21.66	1	23
		12	13	21.65	21.52	21.69	1	23
		25	0	21.62	21.65	21.78	1	23
	16QAM	1	0	21.51	21.42	21.52	1	23
		1	12	21.44	21.59	21.61	1	23
		1	24	21.45	21.55	21.60	1	23
		12	0	20.46	20.65	20.54	2	22
		12	6	20.59	20.66	20.63	2	22
		12	13	20.50	20.60	20.71	2	22
		25	0	20.57	20.64	20.64	2	22
	64QAM	1	0	20.54	20.60	20.48	2	22
		1	12	20.58	20.67	20.75	2	22
		1	24	20.58	20.66	20.72	2	22
		12	0	19.45	19.44	19.61	3	21
		12	6	19.53	19.65	19.67	3	21
		12	13	19.63	19.70	19.65	3	21
		25	0	19.51	19.78	19.82	3	21
	256QAM	1	0	17.41	17.54	17.61	5	19
		1	12	17.60	17.69	17.67	5	19
		1	24	17.49	17.38	17.39	5	19
		12	0	17.45	17.48	17.66	5	19
		12	6	17.49	17.61	17.77	5	19
		12	13	17.59	17.75	17.76	5	19
		25	0	17.54	17.73	17.63	5	19

LTE Band 41 (2496 ~ 2690MHz) (Ant10)										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.06	23.06	23.26	23.23	**23.30**	0	24
		1	50	23.02	22.88	23.05	23.12	23.12	0	24
		1	99	23.06	22.95	23.22	23.24	23.29	0	24
		50	0	22.06	21.97	22.19	22.23	22.24	1	23
		50	25	21.99	21.91	22.10	22.22	22.15	1	23
		50	50	22.01	21.89	22.15	22.09	22.21	1	23
		100	0	22.01	21.97	22.10	22.22	22.26	1	23
	16QAM	1	0	22.12	22.02	22.22	22.18	22.26	1	23
		1	50	22.07	21.98	22.25	22.18	22.28	1	23
		1	99	22.11	22.03	22.24	22.22	22.31	1	23
		50	0	20.99	21.03	21.21	21.11	21.24	2	22
		50	25	21.10	21.00	21.20	21.22	21.28	2	22
		50	50	21.00	20.98	21.11	21.11	21.20	2	22
		100	0	21.13	20.98	21.19	21.27	21.29	2	22
	64QAM	1	0	20.94	20.82	21.06	21.04	21.15	2	22
		1	50	20.97	20.86	21.04	21.06	21.18	2	22
		1	99	21.22	21.03	21.30	21.27	21.33	2	22
		50	0	20.06	19.94	20.11	20.16	20.13	3	21
		50	25	20.14	20.06	20.29	20.20	20.20	3	21
		50	50	20.00	19.90	20.17	20.17	20.24	3	21
		100	0	20.14	20.01	20.19	20.17	20.23	3	21
	256QAM	1	0	17.94	17.82	18.06	18.04	18.15	5	19
		1	50	17.97	17.86	18.04	18.06	18.18	5	19
		1	99	18.22	18.03	18.30	18.27	18.33	5	19
		50	0	18.06	17.94	18.11	18.16	18.13	5	19
		50	25	18.14	18.06	18.29	18.20	18.20	5	19
		50	50	18.00	17.90	18.17	18.17	18.24	5	19
		100	0	18.14	18.01	18.19	18.17	18.23	5	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	22.90	22.93	23.13	23.11	23.18	0	24
		1	37	22.93	22.75	22.92	23.04	23.08	0	24
		1	74	22.96	22.82	23.13	23.19	23.26	0	24
		36	0	22.03	21.93	22.04	22.15	22.09	1	23
		36	19	21.91	21.82	22.06	22.20	22.05	1	23
		36	39	21.96	21.88	22.04	22.02	22.08	1	23
		75	0	21.87	21.94	22.06	22.12	22.16	1	23
	16QAM	1	0	22.00	21.98	22.12	22.05	22.20	1	23
		1	37	22.06	21.88	22.11	22.15	22.22	1	23
		1	74	22.09	22.01	22.19	22.09	22.25	1	23
		36	0	20.95	20.93	21.11	21.00	21.14	2	22
		36	19	20.96	20.99	21.05	21.17	21.25	2	22
		36	39	20.88	20.87	21.01	21.04	21.11	2	22
		75	0	21.07	20.96	21.06	21.12	21.19	2	22
	64QAM	1	0	20.80	20.81	21.04	21.01	21.01	2	22
		1	37	20.87	20.73	20.93	20.98	21.08	2	22
		1	74	21.13	20.92	21.29	21.19	21.21	2	22
		36	0	19.91	19.86	19.98	20.07	20.06	3	21
		36	19	20.06	19.91	20.14	20.12	20.09	3	21
		36	39	19.96	19.81	20.05	20.02	20.12	3	21
		75	0	20.07	19.95	20.17	20.05	20.10	3	21
	256QAM	1	0	17.84	17.72	17.91	17.89	18.14	5	19
		1	37	17.89	17.83	17.93	17.92	18.14	5	19
		1	74	18.16	18.01	18.16	18.24	18.22	5	19
		36	0	18.05	17.83	18.00	18.14	17.98	5	19
		36	19	18.10	17.93	18.22	18.17	18.10	5	19
		36	39	17.88	17.75	18.06	18.15	18.13	5	19
		75	0	18.05	17.96	18.17	18.14	18.12	5	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	22.91	22.98	23.11	23.11	23.18	0	24
		1	24	23.00	22.78	22.98	23.11	23.03	0	24
		1	49	23.05	22.91	23.17	23.17	23.16	0	24
		25	0	21.99	21.88	21.96	22.13	22.14	1	23
		25	12	21.96	21.83	22.12	22.21	22.01	1	23
		25	25	21.91	21.85	22.09	21.97	22.13	1	23
		50	0	21.94	21.83	22.09	22.18	22.25	1	23
	16QAM	1	0	22.00	22.00	22.13	22.13	22.25	1	23
		1	24	21.92	21.95	22.14	22.10	22.13	1	23
		1	49	21.96	21.90	22.18	22.07	22.28	1	23
		25	0	20.88	20.98	21.10	21.01	21.19	2	22
		25	12	20.99	20.98	21.14	21.10	21.18	2	22
		25	25	20.95	20.85	21.02	20.98	21.10	2	22
		50	0	21.10	20.83	21.10	21.25	21.21	2	22
	64QAM	1	0	20.93	20.77	20.99	20.99	21.02	2	22
		1	24	20.82	20.82	21.01	21.05	21.11	2	22
		1	49	21.13	20.94	21.24	21.16	21.19	2	22
		25	0	20.01	19.86	19.99	20.01	20.05	3	21
		25	12	20.08	19.94	20.14	20.07	20.18	3	21
		25	25	19.91	19.78	20.15	20.02	20.16	3	21
		50	0	20.10	19.94	20.08	20.07	20.18	3	21
	256QAM	1	0	17.91	17.81	17.95	18.03	18.13	5	19
		1	24	17.94	17.82	18.01	18.03	18.15	5	19
		1	49	18.17	18.02	18.22	18.18	18.30	5	19
		25	0	18.04	17.83	17.97	18.04	17.98	5	19
		25	12	18.09	18.05	18.27	18.14	18.19	5	19
		25	25	17.89	17.79	18.08	18.08	18.19	5	19
		50	0	18.00	17.94	18.07	18.10	18.20	5	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	22.90	22.96	23.18	23.18	23.27	0	24
		1	12	22.92	22.81	23.01	23.08	23.04	0	24
		1	24	22.94	22.85	23.15	23.18	23.18	0	24
		12	0	22.04	21.90	22.08	22.14	22.10	1	23
		12	6	21.89	21.80	22.14	22.08	22.14	1	23
		12	13	22.00	21.81	22.07	21.97	22.12	1	23
		25	0	21.87	21.94	22.06	22.21	22.12	1	23
	16QAM	1	0	22.11	21.87	22.14	22.06	22.24	1	23
		1	12	21.94	21.92	22.18	22.14	22.25	1	23
		1	24	21.96	21.97	22.15	22.11	22.22	1	23
		12	0	20.87	21.02	21.19	20.99	21.19	2	22
		12	6	21.04	20.88	21.05	21.14	21.22	2	22
		12	13	20.92	20.85	21.03	21.04	21.09	2	22
		25	0	21.10	20.97	21.06	21.16	21.24	2	22
	64QAM	1	0	20.83	20.73	21.00	20.89	21.09	2	22
		1	12	20.91	20.72	20.96	21.05	21.13	2	22
		1	24	21.12	20.95	21.17	21.16	21.24	2	22
		12	0	20.02	19.81	20.00	20.09	20.04	3	21
		12	6	20.08	20.03	20.14	20.07	20.11	3	21
		12	13	19.94	19.77	20.09	20.09	20.23	3	21
		25	0	20.12	19.86	20.14	20.10	20.19	3	21
	256QAM	1	0	17.92	17.69	18.03	17.94	18.02	5	19
		1	12	17.90	17.74	17.97	17.91	18.03	5	19
		1	24	18.16	17.98	18.16	18.16	18.30	5	19
		12	0	18.05	17.91	18.09	18.02	18.07	5	19
		12	6	18.01	17.91	18.17	18.10	18.09	5	19
		12	13	17.91	17.78	18.05	18.12	18.17	5	19
		25	0	17.99	17.91	18.17	18.04	18.15	5	19

LTE Band 42 Part27Q (Ant11)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		42190	42590	42990		
		Frequence (MHz)		3460	3500	3540		
20M	QPSK	1	0	23.05	**23.23**	23.17	0	24
		1	50	22.94	23.16	23.07	0	24
		1	99	22.79	23.03	22.99	0	24
		50	0	22.02	22.25	22.17	1	23
		50	25	21.89	22.22	22.10	1	23
		50	50	21.91	22.17	22.04	1	23
		100	0	21.87	22.10	22.06	1	23
	16QAM	1	0	21.88	22.15	22.04	1	23
		1	50	21.92	22.16	21.97	1	23
		1	99	21.72	21.99	21.96	1	23
		50	0	21.02	21.22	21.05	2	22
		50	25	20.88	21.19	21.05	2	22
		50	50	20.90	21.18	21.09	2	22
		100	0	21.00	21.18	20.99	2	22
	64QAM	1	0	21.09	21.24	21.08	2	22
		1	50	21.04	21.28	21.18	2	22
		1	99	20.82	21.04	20.86	2	22
		50	0	20.03	20.18	20.10	3	21
		50	25	19.94	20.10	20.11	3	21
		50	50	19.91	20.15	20.02	3	21
		100	0	20.02	20.14	20.13	3	21
	256QAM	1	0	17.99	18.19	17.99	5	19
		1	50	18.00	18.19	18.04	5	19
		1	99	17.77	18.00	17.71	5	19
		50	0	17.95	18.13	17.95	5	19
		50	25	17.79	17.97	18.04	5	19
		50	50	17.86	18.10	17.88	5	19
		100	0	17.93	18.09	17.98	5	19
BW	MCS Index	Channel		42165	42590	43015	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5		
15M	QPSK	1	0	22.92	23.22	23.15	0	24
		1	37	22.80	23.04	22.98	0	24
		1	74	22.66	22.91	22.89	0	24
		36	0	21.91	22.13	22.12	1	23
		36	19	21.81	22.21	22.09	1	23
		36	39	21.88	22.21	21.92	1	23
		75	0	21.84	21.96	21.99	1	23
	16QAM	1	0	21.73	22.11	21.95	1	23
		1	37	21.80	22.13	21.93	1	23
		1	74	21.65	21.97	21.81	1	23
		36	0	20.90	21.14	21.01	2	22
		36	19	20.81	21.16	20.94	2	22
		36	39	20.81	21.07	21.00	2	22
		75	0	20.99	21.15	20.96	2	22
	64QAM	1	0	20.98	21.21	20.95	2	22
		1	37	20.95	21.18	21.03	2	22
		1	74	20.75	20.89	20.85	2	22
		36	0	20.02	20.15	20.09	3	21
		36	19	19.79	19.99	19.96	3	21
		36	39	19.88	20.06	19.96	3	21
		75	0	19.94	20.04	20.01	3	21
	256QAM	1	0	17.92	18.17	17.93	5	19
		1	37	17.89	18.12	17.98	5	19
		1	74	17.63	17.88	17.63	5	19
		36	0	17.93	18.03	17.81	5	19
		36	19	17.64	17.89	17.92	5	19
		36	39	17.71	18.07	17.76	5	19
		75	0	17.86	18.08	17.83	5	19
BW	MCS Index	Channel		42140	42590	43040	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3455	3500	3545		
10M	QPSK	1	0	22.94	23.20	23.13	0	24
		1	24	22.81	23.05	23.04	0	24
		1	49	22.73	22.89	22.90	0	24
		25	0	22.01	22.09	22.08	1	23
		25	12	21.88	22.15	21.95	1	23
		25	25	21.88	22.15	21.93	1	23
		50	0	21.78	21.98	21.98	1	23
	16QAM	1	0	21.78	22.10	22.01	1	23
		1	24	21.81	22.09	21.95	1	23
		1	49	21.66	21.95	21.94	1	23
		25	0	21.01	21.20	20.97	2	22
		25	12	20.78	21.16	20.92	2	22
		25	25	20.78	21.03	20.96	2	22
		50	0	20.98	21.14	20.92	2	22
	64QAM	1	0	20.95	21.13	21.04	2	22
		1	24	20.93	21.13	21.17	2	22
		1	49	20.75	20.94	20.81	2	22
		25	0	19.98	20.05	20.08	3	21
		25	12	19.89	20.09	19.98	3	21
		25	25	19.85	20.12	20.01	3	21
		50	0	19.88	20.12	20.12	3	21
	256QAM	1	0	17.89	18.14	17.90	5	19
		1	24	17.97	18.08	17.95	5	19
		1	49	17.68	17.90	17.56	5	19
		25	0	17.92	18.12	17.89	5	19
		25	12	17.64	17.96	17.89	5	19
		25	25	17.79	18.09	17.84	5	19
		50	0	17.86	17.97	17.95	5	19
BW	MCS Index	Channel		42115	42590	43065	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5		
5M	QPSK	1	0	22.96	23.10	23.09	0	24
		1	12	22.87	23.03	22.95	0	24
		1	24	22.71	22.94	22.93	0	24
		12	0	21.95	22.11	22.05	1	23
		12	6	21.79	22.17	22.06	1	23
		12	13	21.87	22.20	21.95	1	23
		25	0	21.86	22.06	21.97	1	23
	16QAM	1	0	21.85	22.11	21.97	1	23
		1	12	21.87	22.01	21.94	1	23
		1	24	21.63	21.85	21.83	1	23
		12	0	20.89	21.14	20.91	2	22
		12	6	20.84	21.10	20.92	2	22
		12	13	20.85	21.05	21.00	2	22
		25	0	20.94	21.07	20.96	2	22
	64QAM	1	0	20.97	21.23	21.06	2	22
		1	12	20.94	21.14	21.11	2	22
		1	24	20.73	20.94	20.79	2	22
		12	0	20.01	20.03	20.09	3	21
		12	6	19.89	19.96	20.03	3	21
		12	13	19.84	20.12	19.89	3	21
		25	0	19.89	20.02	20.05	3	21
	256QAM	1	0	17.98	18.10	17.89	5	19
		1	12	17.87	18.09	17.97	5	19
		1	24	17.67	17.87	17.61	5	19
		12	0	17.82	18.10	17.83	5	19
		12	6	17.77	17.93	17.95	5	19
		12	13	17.75	18.04	17.85	5	19
		25	0	17.78	17.97	17.90	5	19

LTE Band 48 for SAR (Ant11)									
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640		
		Frequence (MHz)		3560	3609	3641	3690		
20M	QPSK	1	0	23.01	22.97	23.12	23.13	0	24
		1	50	23.09	23.05	23.21	**23.26**	0	24
		1	99	22.87	22.96	23.00	23.03	0	24
		50	0	22.09	22.15	22.30	22.36	1	23
		50	25	22.08	22.13	22.25	22.22	1	23
		50	50	22.07	22.07	22.25	22.22	1	23
		100	0	22.02	22.04	22.21	22.19	1	23
	16QAM	1	0	21.87	21.90	21.93	21.99	1	23
		1	50	21.91	21.89	21.95	22.07	1	23
		1	99	21.73	21.85	21.84	21.87	1	23
		50	0	21.16	21.12	21.29	21.25	2	22
		50	25	21.16	21.11	21.18	21.19	2	22
		50	50	21.03	21.12	21.23	21.18	2	22
		100	0	21.01	21.16	21.22	21.24	2	22
	64QAM	1	0	20.80	20.96	20.95	20.94	2	22
		1	50	20.94	20.90	21.08	21.03	2	22
		1	99	20.72	20.87	20.90	20.92	2	22
		50	0	20.08	20.06	20.15	20.26	3	21
		50	25	20.09	20.16	20.15	20.24	3	21
		50	50	19.97	20.08	20.19	20.13	3	21
		100	0	19.96	20.15	20.13	20.20	3	21
	256QAM	1	0	17.80	17.96	17.95	17.94	5	19
		1	50	17.94	17.90	18.08	18.03	5	19
		1	99	17.72	17.87	17.90	17.92	5	19
		50	0	17.78	17.76	17.85	17.96	5	19
		50	25	17.79	17.86	17.85	17.94	5	19
		50	50	17.67	17.78	17.89	17.83	5	19
		100	0	17.66	17.85	17.83	17.90	5	19
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5		
15M	QPSK	1	0	22.89	22.95	23.09	23.01	0	24
		1	37	23.04	22.93	23.16	23.23	0	24
		1	74	22.75	22.94	22.86	22.96	0	24
		36	0	22.02	22.07	22.15	22.21	1	23
		36	19	21.99	22.06	22.19	22.11	1	23
		36	39	22.03	22.04	22.13	22.16	1	23
		75	0	22.01	22.03	22.10	22.09	1	23
	16QAM	1	0	21.82	21.89	21.89	21.93	1	23
		1	37	21.81	21.81	21.80	21.97	1	23
		1	74	21.71	21.80	21.81	21.80	1	23
		36	0	21.14	21.11	21.18	21.16	2	22
		36	19	21.09	21.04	21.03	21.06	2	22
		36	39	20.95	21.08	21.12	21.12	2	22
		75	0	20.90	21.13	21.10	21.15	2	22
	64QAM	1	0	20.78	20.95	20.82	20.93	2	22
		1	37	20.87	20.79	20.94	21.00	2	22
		1	74	20.65	20.83	20.77	20.79	2	22
		36	0	20.03	19.99	20.01	20.17	3	21
		36	19	20.02	20.14	20.12	20.10	3	21
		36	39	19.91	20.01	20.07	20.02	3	21
		75	0	19.88	20.03	20.11	20.11	3	21
	256QAM	1	0	17.73	17.90	17.80	17.80	5	19
		1	37	17.88	17.88	18.07	17.99	5	19
		1	74	17.58	17.86	17.81	17.79	5	19
		36	0	17.64	17.62	17.71	17.82	5	19
		36	19	17.77	17.84	17.74	17.86	5	19
		36	39	17.59	17.72	17.85	17.69	5	19
		75	0	17.62	17.79	17.70	17.88	5	19
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695		
10M	QPSK	1	0	22.93	22.90	23.07	23.03	0	24
		1	24	23.07	22.93	23.09	23.25	0	24
		1	49	22.72	22.86	22.89	23.01	0	24
		25	0	22.06	22.08	22.24	22.32	1	23
		25	12	21.94	22.05	22.19	22.20	1	23
		25	25	22.03	22.04	22.10	22.12	1	23
		50	0	21.92	21.96	22.10	22.05	1	23
	16QAM	1	0	21.79	21.79	21.81	21.93	1	23
		1	24	21.88	21.88	21.86	21.95	1	23
		1	49	21.72	21.82	21.83	21.81	1	23
		25	0	21.04	21.01	21.19	21.12	2	22
		25	12	21.04	20.96	21.11	21.04	2	22
		25	25	20.94	21.09	21.10	21.05	2	22
		50	0	20.88	21.14	21.08	21.13	2	22
	64QAM	1	0	20.76	20.81	20.88	20.88	2	22
		1	24	20.81	20.87	21.02	20.89	2	22
		1	49	20.71	20.76	20.85	20.90	2	22
		25	0	19.98	20.01	20.09	20.21	3	21
		25	12	19.98	20.12	20.07	20.20	3	21
		25	25	19.93	20.07	20.05	20.10	3	21
		50	0	19.93	20.10	20.00	20.07	3	21
	256QAM	1	0	17.70	17.82	17.89	17.87	5	19
		1	24	17.81	17.76	18.02	17.92	5	19
		1	49	17.67	17.82	17.76	17.77	5	19
		25	0	17.69	17.67	17.74	17.81	5	19
		25	12	17.74	17.75	17.80	17.88	5	19
		25	25	17.60	17.69	17.78	17.68	5	19
		50	0	17.62	17.74	17.72	17.76	5	19
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5		
5M	QPSK	1	0	22.90	22.83	23.04	23.01	0	24
		1	12	23.06	22.94	23.13	23.15	0	24
		1	24	22.72	22.85	22.87	22.93	0	24
		12	0	21.94	22.09	22.28	22.31	1	23
		12	6	22.00	22.12	22.13	22.10	1	23
		12	13	22.00	21.99	22.15	22.21	1	23
		25	0	21.90	21.97	22.20	22.07	1	23
	16QAM	1	0	21.81	21.87	21.92	21.84	1	23
		1	12	21.86	21.76	21.91	21.96	1	23
		1	24	21.66	21.78	21.69	21.72	1	23
		12	0	21.10	21.00	21.25	21.23	2	22
		12	6	21.14	21.00	21.13	21.12	2	22
		12	13	20.89	21.05	21.22	21.05	2	22
		25	0	20.99	21.09	21.20	21.16	2	22
	64QAM	1	0	20.74	20.94	20.89	20.87	2	22
		1	12	20.85	20.79	21.00	20.98	2	22
		1	24	20.68	20.75	20.77	20.91	2	22
		12	0	19.95	19.91	20.10	20.12	3	21
		12	6	20.08	20.09	20.00	20.15	3	21
		12	13	19.92	19.93	20.13	20.10	3	21
		25	0	19.84	20.07	20.11	20.13	3	21
	256QAM	1	0	17.78	17.88	17.85	17.92	5	19
		1	12	17.81	17.85	18.01	17.95	5	19
		1	24	17.70	17.75	17.78	17.82	5	19
		12	0	17.66	17.75	17.79	17.83	5	19
		12	6	17.67	17.73	17.73	17.80	5	19
		12	13	17.62	17.64	17.82	17.74	5	19
		25	0	17.52	17.80	17.77	17.87	5	19

LTE Band 66 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.43	**22.53**	22.47	0	24
		1	50	22.46	22.51	22.39	0	24
		1	99	22.45	22.45	22.36	0	24
		50	0	21.41	21.45	21.37	1	23
		50	25	21.43	21.49	21.40	1	23
		50	50	21.46	21.54	21.41	1	23
		100	0	21.47	21.51	21.37	1	23
	16QAM	1	0	21.74	21.72	21.58	1	23
		1	50	21.59	21.59	21.46	1	23
		1	99	21.72	21.69	21.59	1	23
		50	0	20.48	20.46	20.42	2	22
		50	25	20.39	20.46	20.40	2	22
		50	50	20.50	20.52	20.39	2	22
		100	0	20.39	20.50	20.44	2	22
	64QAM	1	0	20.55	20.64	20.47	2	22
		1	50	20.60	20.57	20.61	2	22
		1	99	20.50	20.41	20.38	2	22
		50	0	19.48	19.45	19.42	3	21
		50	25	19.45	19.52	19.41	3	21
		50	50	19.54	19.44	19.48	3	21
		100	0	19.49	19.59	19.39	3	21
	256QAM	1	0	17.52	17.56	17.45	5	19
		1	50	17.59	17.50	17.54	5	19
		1	99	17.47	17.37	17.25	5	19
		50	0	17.43	17.39	17.31	5	19
		50	25	17.44	17.38	17.32	5	19
		50	50	17.50	17.36	17.47	5	19
		100	0	17.46	17.57	17.27	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	22.33	22.49	22.39	0	24
		1	37	22.45	22.41	22.33	0	24
		1	74	22.38	22.33	22.21	0	24
		36	0	21.35	21.44	21.32	1	23
		36	19	21.38	21.36	21.29	1	23
		36	39	21.28	21.40	21.28	1	23
		75	0	21.32	21.49	21.28	1	23
	16QAM	1	0	21.63	21.67	21.55	1	23
		1	37	21.46	21.52	21.39	1	23
		1	74	21.63	21.60	21.46	1	23
		36	0	20.39	20.42	20.28	2	22
		36	19	20.35	20.41	20.27	2	22
		36	39	20.43	20.44	20.28	2	22
		75	0	20.37	20.44	20.38	2	22
	64QAM	1	0	20.41	20.51	20.32	2	22
		1	37	20.48	20.48	20.49	2	22
		1	74	20.38	20.29	20.26	2	22
		36	0	19.47	19.44	19.35	3	21
		36	19	19.36	19.38	19.30	3	21
		36	39	19.39	19.41	19.35	3	21
		75	0	19.43	19.56	19.36	3	21
	256QAM	1	0	17.51	17.45	17.34	5	19
		1	37	17.57	17.49	17.45	5	19
		1	74	17.46	17.27	17.24	5	19
		36	0	17.29	17.28	17.20	5	19
		36	19	17.34	17.34	17.17	5	19
		36	39	17.47	17.32	17.38	5	19
		75	0	17.44	17.53	17.12	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.28	22.41	22.32	0	24
		1	24	22.39	22.39	22.30	0	24
		1	49	22.39	22.31	22.32	0	24
		25	0	21.40	21.32	21.34	1	23
		25	12	21.38	21.36	21.35	1	23
		25	25	21.40	21.40	21.38	1	23
		50	0	21.38	21.46	21.31	1	23
	16QAM	1	0	21.64	21.68	21.44	1	23
		1	24	21.44	21.45	21.31	1	23
		1	49	21.68	21.60	21.47	1	23
		25	0	20.41	20.32	20.28	2	22
		25	12	20.31	20.40	20.35	2	22
		25	25	20.39	20.45	20.29	2	22
		50	0	20.35	20.47	20.36	2	22
	64QAM	1	0	20.46	20.54	20.42	2	22
		1	24	20.48	20.52	20.60	2	22
		1	49	20.45	20.32	20.23	2	22
		25	0	19.35	19.33	19.30	3	21
		25	12	19.30	19.50	19.37	3	21
		25	25	19.49	19.32	19.33	3	21
		50	0	19.47	19.51	19.30	3	21
	256QAM	1	0	17.37	17.41	17.33	5	19
		1	24	17.55	17.46	17.53	5	19
		1	49	17.35	17.22	17.14	5	19
		25	0	17.28	17.31	17.16	5	19
		25	12	17.33	17.30	17.21	5	19
		25	25	17.42	17.33	17.34	5	19
		50	0	17.32	17.46	17.15	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.42	22.40	22.36	0	24
		1	12	22.43	22.46	22.26	0	24
		1	24	22.42	22.37	22.31	0	24
		12	0	21.33	21.37	21.28	1	23
		12	6	21.41	21.43	21.26	1	23
		12	13	21.28	21.52	21.26	1	23
		25	0	21.35	21.42	21.27	1	23
	16QAM	1	0	21.59	21.61	21.44	1	23
		1	12	21.58	21.52	21.43	1	23
		1	24	21.65	21.55	21.44	1	23
		12	0	20.43	20.45	20.29	2	22
		12	6	20.38	20.42	20.39	2	22
		12	13	20.36	20.37	20.37	2	22
		25	0	20.36	20.35	20.39	2	22
	64QAM	1	0	20.49	20.55	20.37	2	22
		1	12	20.46	20.43	20.55	2	22
		1	24	20.43	20.26	20.24	2	22
		12	0	19.40	19.39	19.39	3	21
		12	6	19.34	19.46	19.35	3	21
		12	13	19.48	19.38	19.46	3	21
		25	0	19.35	19.48	19.37	3	21
	256QAM	1	0	17.48	17.52	17.42	5	19
		1	12	17.54	17.43	17.46	5	19
		1	24	17.42	17.23	17.21	5	19
		12	0	17.41	17.32	17.17	5	19
		12	6	17.29	17.29	17.27	5	19
		12	13	17.46	17.24	17.33	5	19
		25	0	17.43	17.53	17.26	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.34	22.51	22.35	0	24
		1	7	22.45	22.42	22.32	0	24
		1	14	22.33	22.30	22.25	0	24
		8	0	21.29	21.38	21.36	1	23
		8	3	21.39	21.38	21.25	1	23
		8	7	21.39	21.40	21.26	1	23
		15	0	21.34	21.40	21.38	1	23
	16QAM	1	0	21.64	21.61	21.52	1	23
		1	7	21.48	21.56	21.41	1	23
		1	14	21.60	21.64	21.50	1	23
		8	0	20.44	20.35	20.27	2	22
		8	3	20.38	20.45	20.29	2	22
		8	7	20.49	20.39	20.36	2	22
		15	0	20.28	20.42	20.29	2	22
	64QAM	1	0	20.41	20.55	20.40	2	22
		1	7	20.52	20.53	20.52	2	22
		1	14	20.37	20.33	20.26	2	22
		8	0	19.36	19.35	19.40	3	21
		8	3	19.43	19.48	19.33	3	21
		8	7	19.48	19.35	19.47	3	21
		15	0	19.34	19.47	19.37	3	21
	256QAM	1	0	17.45	17.43	17.43	5	19
		1	7	17.46	17.36	17.47	5	19
		1	14	17.46	17.31	17.19	5	19
		8	0	17.29	17.32	17.19	5	19
		8	3	17.38	17.34	17.18	5	19
		8	7	17.47	17.25	17.33	5	19
		15	0	17.45	17.55	17.18	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.31	22.41	22.46	0	24
		1	2	22.43	22.38	22.27	0	24
		1	5	22.39	22.32	22.35	0	24
		3	0	22.06	22.15	22.02	0	24
		3	1	22.24	22.20	22.15	0	24
		3	3	22.14	22.33	22.09	0	24
		6	0	21.32	21.45	21.25	1	23
	16QAM	1	0	21.62	21.67	21.47	1	23
		1	2	21.55	21.50	21.33	1	23
		1	5	21.61	21.63	21.50	1	23
		3	0	21.46	21.31	21.30	1	23
		3	1	21.31	21.38	21.34	1	23
		3	3	21.36	21.37	21.35	1	23
		6	0	20.34	20.45	20.39	2	22
	64QAM	1	0	20.51	20.51	20.34	2	22
		1	2	20.46	20.48	20.59	2	22
		1	5	20.43	20.35	20.31	2	22
		3	0	20.45	20.36	20.29	2	22
		3	1	20.38	20.46	20.36	2	22
		3	3	20.53	20.36	20.46	2	22
		6	0	19.35	19.48	19.35	3	21
	256QAM	1	0	17.48	17.47	17.43	5	19
		1	2	17.48	17.36	17.52	5	19
		1	5	17.32	17.22	17.24	5	19
		3	0	17.41	17.30	17.22	5	19
		3	1	17.36	17.27	17.22	5	19
		3	3	17.38	17.25	17.45	5	19
		6	0	17.32	17.42	17.12	5	19

LTE Band 71 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133222	133322	133372		
		Frequency (MHz)		673	683	688		
20M	QPSK	1	0	**22.37**	22.32	22.21	0	24
		1	50	22.07	22.16	22.00	0	24
		1	99	22.21	22.11	22.07	0	24
		50	0	21.28	21.23	21.21	1	23
		50	25	21.29	21.28	21.24	1	23
		50	50	21.27	21.15	21.21	1	23
		100	0	21.35	21.20	21.25	1	23
	16QAM	1	0	21.61	21.56	21.49	1	23
		1	50	21.55	21.50	21.51	1	23
		1	99	21.57	21.50	21.51	1	23
		50	0	20.51	20.46	20.38	2	22
		50	25	20.32	20.28	20.18	2	22
		50	50	20.32	20.38	20.19	2	22
		100	0	20.34	20.30	20.27	2	22
	64QAM	1	0	20.60	20.47	20.43	2	22
		1	50	20.43	20.44	20.35	2	22
		1	99	20.44	20.43	20.36	2	22
		50	0	19.33	19.43	19.30	3	21
		50	25	19.38	19.44	19.40	3	21
		50	50	19.51	19.39	19.37	3	21
		100	0	19.39	19.39	19.38	3	21
	256QAM	1	0	17.58	17.36	17.28	5	19
		1	50	17.36	17.32	17.30	5	19
		1	99	17.38	17.39	17.35	5	19
		50	0	17.31	17.29	17.22	5	19
		50	25	17.23	17.38	17.30	5	19
		50	50	17.50	17.31	17.31	5	19
		100	0	17.26	17.28	17.27	5	19
BW	Modulation	Channel		133197	133257	133387	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		670.5	680.5	690.5		
15M	QPSK	1	0	22.34	22.31	22.08	0	24
		1	37	22.00	22.08	21.86	0	24
		1	74	22.20	21.98	21.93	0	24
		36	0	21.25	21.15	21.15	1	23
		36	19	21.15	21.15	21.10	1	23
		36	39	21.23	21.05	21.13	1	23
		75	0	21.30	21.08	21.17	1	23
	16QAM	1	0	21.57	21.45	21.35	1	23
		1	37	21.48	21.39	21.46	1	23
		1	74	21.53	21.35	21.41	1	23
		36	0	20.36	20.42	20.36	2	22
		36	19	20.29	20.21	20.15	2	22
		36	39	20.20	20.26	20.16	2	22
		75	0	20.22	20.21	20.12	2	22
	64QAM	1	0	20.45	20.33	20.39	2	22
		1	37	20.37	20.32	20.25	2	22
		1	74	20.34	20.38	20.35	2	22
		36	0	19.22	19.38	19.18	3	21
		36	19	19.24	19.35	19.38	3	21
		36	39	19.47	19.26	19.30	3	21
		75	0	19.26	19.34	19.37	3	21
	256QAM	1	0	17.56	17.35	17.15	5	19
		1	37	17.30	17.22	17.15	5	19
		1	74	17.35	17.32	17.24	5	19
		36	0	17.26	17.19	17.13	5	19
		36	19	17.16	17.33	17.22	5	19
		36	39	17.44	17.27	17.27	5	19
		75	0	17.13	17.17	17.18	5	19
BW	Modulation	Channel		133172	133272	133422	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		668	678	693		
10M	QPSK	1	0	22.30	22.28	22.17	0	24
		1	24	21.99	22.12	21.97	0	24
		1	49	22.17	21.97	22.00	0	24
		25	0	21.14	21.18	21.13	1	23
		25	12	21.14	21.20	21.16	1	23
		25	25	21.18	21.12	21.09	1	23
		50	0	21.27	21.16	21.11	1	23
	16QAM	1	0	21.47	21.53	21.34	1	23
		1	24	21.53	21.40	21.43	1	23
		1	49	21.46	21.37	21.50	1	23
		25	0	20.47	20.43	20.31	2	22
		25	12	20.18	20.21	20.10	2	22
		25	25	20.26	20.31	20.11	2	22
		50	0	20.22	20.26	20.13	2	22
	64QAM	1	0	20.56	20.39	20.36	2	22
		1	24	20.36	20.30	20.25	2	22
		1	49	20.40	20.42	20.24	2	22
		25	0	19.29	19.39	19.28	3	21
		25	12	19.30	19.39	19.29	3	21
		25	25	19.44	19.35	19.23	3	21
		50	0	19.35	19.36	19.34	3	21
	256QAM	1	0	17.52	17.30	17.13	5	19
		1	24	17.31	17.30	17.19	5	19
		1	49	17.31	17.26	17.22	5	19
		25	0	17.24	17.22	17.21	5	19
		25	12	17.22	17.35	17.19	5	19
		25	25	17.45	17.27	17.20	5	19
		50	0	17.16	17.27	17.22	5	19
BW	Modulation	Channel		133147	133247	133467	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		665.5	675.5	695.5		
5M	QPSK	1	0	22.30	22.18	22.16	0	24
		1	12	21.99	22.02	21.96	0	24
		1	24	22.07	22.02	21.99	0	24
		12	0	21.22	21.27	21.06	1	23
		12	6	21.17	21.10	21.16	1	23
		12	13	21.21	21.08	21.16	1	23
		25	0	21.20	21.12	21.19	1	23
	16QAM	1	0	21.48	21.55	21.43	1	23
		1	12	21.47	21.38	21.39	1	23
		1	24	21.51	21.41	21.43	1	23
		12	0	20.37	20.45	20.26	2	22
		12	6	20.18	20.18	20.04	2	22
		12	13	20.17	20.31	20.15	2	22
		25	0	20.24	20.27	20.21	2	22
	64QAM	1	0	20.51	20.42	20.33	2	22
		1	12	20.38	20.30	20.26	2	22
		1	24	20.42	20.39	20.25	2	22
		12	0	19.28	19.37	19.20	3	21
		12	6	19.27	19.32	19.26	3	21
		12	13	19.44	19.28	19.32	3	21
		25	0	19.28	19.26	19.26	3	21
	256QAM	1	0	17.53	17.29	17.23	5	19
		1	12	17.35	17.25	17.29	5	19
		1	24	17.36	17.38	17.25	5	19
		12	0	17.21	17.21	17.14	5	19
		12	6	17.18	17.37	17.21	5	19
		12	13	17.45	17.28	17.17	5	19
		25	0	17.16	17.25	17.16	5	19

LTE Band 2 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.44**	22.34	22.32	0	24
		1	50	22.32	22.32	22.19	0	24
		1	99	22.24	22.19	22.10	0	24
		50	0	21.32	21.33	21.20	1	23
		50	25	21.42	21.37	21.35	1	23
		50	50	21.35	21.36	21.23	1	23
		100	0	21.40	21.35	21.34	1	23
	16QAM	1	0	21.45	21.38	21.34	1	23
		1	50	21.52	21.42	21.39	1	23
		1	99	21.40	21.36	21.26	1	23
		50	0	20.24	20.32	20.20	2	22
		50	25	20.37	20.41	20.34	2	22
		50	50	20.35	20.45	20.32	2	22
		100	0	20.42	20.30	20.26	2	22
	64QAM	1	0	20.39	20.31	20.27	2	22
		1	50	20.38	20.40	20.26	2	22
		1	99	20.46	20.34	20.32	2	22
		50	0	19.31	19.20	19.15	3	21
		50	25	19.41	19.26	19.29	3	21
		50	50	19.35	19.32	19.25	3	21
		100	0	19.42	19.39	19.29	3	21
	256QAM	1	0	17.29	17.28	17.31	5	19
		1	50	17.41	17.36	17.36	5	19
		1	99	17.48	17.38	17.39	5	19
		50	0	17.40	17.40	17.27	5	19
		50	25	17.39	17.25	17.17	5	19
		50	50	17.52	17.44	17.41	5	19
		100	0	17.37	17.36	17.32	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	**22.35**	22.32	22.21	0	24
		1	37	22.31	22.22	22.17	0	24
		1	74	22.15	22.14	22.01	0	24
		36	0	21.28	21.19	21.19	1	23
		36	19	21.28	21.26	21.33	1	23
		36	39	21.30	21.34	21.21	1	23
		75	0	21.36	21.31	21.22	1	23
	16QAM	1	0	21.43	21.25	21.33	1	23
		1	37	21.43	21.30	21.28	1	23
		1	74	21.32	21.21	21.17	1	23
		36	0	20.19	20.21	20.15	2	22
		36	19	20.25	20.26	20.30	2	22
		36	39	20.28	20.39	20.19	2	22
		75	0	20.37	20.15	20.16	2	22
	64QAM	1	0	20.31	20.17	20.19	2	22
		1	37	20.25	20.37	20.16	2	22
		1	74	20.42	20.23	20.20	2	22
		36	0	19.24	19.09	19.04	3	21
		36	19	19.27	19.17	19.23	3	21
		36	39	19.28	19.26	19.19	3	21
		75	0	19.35	19.25	19.21	3	21
	256QAM	1	0	17.18	17.15	17.26	5	19
		1	37	17.38	17.32	17.24	5	19
		1	74	17.36	17.30	17.25	5	19
		36	0	17.32	17.31	17.25	5	19
		36	19	17.38	17.16	17.04	5	19
		36	39	17.42	17.39	17.31	5	19
		75	0	17.36	17.29	17.28	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	**22.37**	22.27	22.21	0	24
		1	24	22.23	22.19	22.04	0	24
		1	49	22.11	22.10	22.09	0	24
		25	0	21.24	21.28	21.05	1	23
		25	12	21.32	21.22	21.28	1	23
		25	25	21.20	21.23	21.11	1	23
		50	0	21.37	21.28	21.24	1	23
	16QAM	1	0	21.43	21.35	21.22	1	23
		1	24	21.45	21.29	21.32	1	23
		1	49	21.35	21.21	21.11	1	23
		25	0	20.18	20.26	20.09	2	22
		25	12	20.34	20.28	20.28	2	22
		25	25	20.28	20.38	20.25	2	22
		50	0	20.36	20.20	20.24	2	22
	64QAM	1	0	20.30	20.22	20.20	2	22
		1	24	20.24	20.34	20.23	2	22
		1	49	20.43	20.19	20.22	2	22
		25	0	19.27	19.11	19.03	3	21
		25	12	19.37	19.23	19.20	3	21
		25	25	19.27	19.29	19.15	3	21
		50	0	19.29	19.29	19.25	3	21
	256QAM	1	0	17.27	17.15	17.17	5	19
		1	24	17.30	17.31	17.23	5	19
		1	49	17.37	17.30	17.26	5	19
		25	0	17.34	17.30	17.15	5	19
		25	12	17.26	17.20	17.09	5	19
		25	25	17.44	17.40	17.30	5	19
		50	0	17.22	17.24	17.28	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	**22.37**	22.25	22.18	0	24
		1	12	22.27	22.30	22.17	0	24
		1	24	22.12	22.07	21.95	0	24
		12	0	21.28	21.18	21.18	1	23
		12	6	21.39	21.27	21.29	1	23
		12	13	21.23	21.31	21.20	1	23
		25	0	21.36	21.22	21.29	1	23
	16QAM	1	0	21.34	21.29	21.33	1	23
		1	12	21.50	21.37	21.32	1	23
		1	24	21.25	21.33	21.13	1	23
		12	0	20.12	20.23	20.09	2	22
		12	6	20.25	20.26	20.24	2	22
		12	13	20.29	20.43	20.19	2	22
		25	0	20.40	20.29	20.22	2	22
	64QAM	1	0	20.36	20.30	20.20	2	22
		1	12	20.25	20.25	20.25	2	22
		1	24	20.45	20.33	20.23	2	22
		12	0	19.25	19.18	19.01	3	21
		12	6	19.39	19.20	19.16	3	21
		12	13	19.24	19.18	19.20	3	21
		25	0	19.32	19.37	19.23	3	21
	256QAM	1	0	17.28	17.26	17.27	5	19
		1	12	17.40	17.22	17.33	5	19
		1	24	17.41	17.25	17.29	5	19
		12	0	17.29	17.28	17.22	5	19
		12	6	17.38	17.14	17.09	5	19
		12	13	17.50	17.43	17.35	5	19
		25	0	17.32	17.33	17.24	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	**22.30**	22.22	22.18	0	24
		1	7	22.23	22.29	22.15	0	24
		1	14	22.16	22.17	21.95	0	24
		8	0	21.27	21.19	21.06	1	23
		8	3	21.34	21.22	21.32	1	23
		8	7	21.21	21.34	21.11	1	23
		15	0	21.31	21.29	21.30	1	23
	16QAM	1	0	21.42	21.33	21.31	1	23
		1	7	21.44	21.33	21.37	1	23
		1	14	21.30	21.29	21.17	1	23
		8	0	20.17	20.24	20.17	2	22
		8	3	20.23	20.33	20.19	2	22
		8	7	20.34	20.33	20.28	2	22
		15	0	20.30	20.16	20.16	2	22
	64QAM	1	0	20.25	20.17	20.13	2	22
		1	7	20.35	20.32	20.12	2	22
		1	14	20.38	20.21	20.21	2	22
		8	0	19.21	19.06	19.07	3	21
		8	3	19.33	19.20	19.15	3	21
		8	7	19.29	19.23	19.12	3	21
		15	0	19.34	19.37	19.18	3	21
	256QAM	1	0	17.15	17.15	17.28	5	19
		1	7	17.32	17.21	17.32	5	19
		1	14	17.41	17.32	17.27	5	19
		8	0	17.31	17.25	17.14	5	19
		8	3	17.34	17.22	17.14	5	19
		8	7	17.46	17.36	17.40	5	19
		15	0	17.23	17.28	17.26	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	**22.37**	22.27	22.20	0	24
		1	2	22.31	22.28	22.12	0	24
		1	5	22.21	22.07	22.06	0	24
		3	0	22.10	22.02	21.89	0	24
		3	1	22.12	22.11	22.05	0	24
		3	3	22.09	22.14	21.88	0	24
		6	0	21.26	21.29	21.32	1	23
	16QAM	1	0	21.41	21.26	21.20	1	23
		1	2	21.44	21.36	21.34	1	23
		1	5	21.29	21.33	21.15	1	23
		3	0	21.22	21.17	21.17	1	23
		3	1	21.25	21.39	21.26	1	23
		3	3	21.25	21.34	21.29	1	23
		6	0	20.35	20.27	20.19	2	22
	64QAM	1	0	20.36	20.16	20.12	2	22
		1	2	20.36	20.28	20.11	2	22
		1	5	20.37	20.33	20.28	2	22
		3	0	20.26	20.14	20.06	2	22
		3	1	20.28	20.25	20.28	2	22
		3	3	20.33	20.26	20.17	2	22
		6	0	19.36	19.38	19.15	3	21
	256QAM	1	0	17.26	17.27	17.17	5	19
		1	2	17.28	17.27	17.30	5	19
		1	5	17.35	17.37	17.30	5	19
		3	0	17.39	17.32	17.16	5	19
		3	1	17.26	17.11	17.11	5	19
		3	3	17.43	17.42	17.26	5	19
		6	0	17.33	17.21	17.30	5	19

LTE Band 7 (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.41	22.37	22.44	0	24
		1	50	22.38	22.38	22.54	0	24
		1	99	22.46	22.49	**22.58**	0	24
		50	0	21.39	21.37	21.37	1	23
		50	25	21.40	21.39	21.52	1	23
		50	50	21.38	21.35	21.45	1	23
		100	0	21.38	21.43	21.46	1	23
	16QAM	1	0	21.63	21.68	21.67	1	23
		1	50	21.56	21.58	21.69	1	23
		1	99	21.64	21.75	21.79	1	23
		50	0	20.35	20.41	20.48	2	22
		50	25	20.38	20.45	20.51	2	22
		50	50	20.49	20.49	20.48	2	22
		100	0	20.34	20.37	20.53	2	22
	64QAM	1	0	20.40	20.49	20.49	2	22
		1	50	20.50	20.51	20.51	2	22
		1	99	20.47	20.56	20.63	2	22
		50	0	19.39	19.45	19.44	3	21
		50	25	19.35	19.51	19.44	3	21
		50	50	19.48	19.51	19.55	3	21
		100	0	19.45	19.43	19.51	3	21
	256QAM	1	0	17.48	17.55	17.52	5	19
		1	50	17.52	17.56	17.51	5	19
		1	99	17.58	17.56	17.52	5	19
		50	0	17.52	17.47	17.56	5	19
		50	25	17.39	17.40	17.56	5	19
		50	50	17.40	17.52	17.52	5	19
		100	0	17.52	17.49	17.49	5	19
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.36	22.26	22.43	0	24
		1	37	22.24	22.33	**22.50**	0	24
		1	74	22.33	22.41	22.49	0	24
		36	0	21.27	21.29	21.32	1	23
		36	19	21.33	21.24	21.40	1	23
		36	39	21.35	21.23	21.42	1	23
		75	0	21.33	21.36	21.40	1	23
	16QAM	1	0	21.62	21.63	21.63	1	23
		1	37	21.44	21.49	21.55	1	23
		1	74	21.49	21.61	21.67	1	23
		36	0	20.24	20.27	20.35	2	22
		36	19	20.32	20.37	20.45	2	22
		36	39	20.38	20.35	20.44	2	22
		75	0	20.26	20.23	20.41	2	22
	64QAM	1	0	20.32	20.38	20.38	2	22
		1	37	20.45	20.40	20.45	2	22
		1	74	20.43	20.42	20.54	2	22
		36	0	19.34	19.36	19.31	3	21
		36	19	19.33	19.45	19.35	3	21
		36	39	19.41	19.39	19.41	3	21
		75	0	19.37	19.40	19.36	3	21
	256QAM	1	0	17.35	17.45	17.50	5	19
		1	37	17.39	17.52	17.38	5	19
		1	74	17.48	17.48	17.42	5	19
		36	0	17.51	17.36	17.48	5	19
		36	19	17.26	17.35	17.41	5	19
		36	39	17.25	17.40	17.48	5	19
		75	0	17.47	17.45	17.48	5	19
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.32	22.33	22.37	0	24
		1	24	22.31	22.35	22.48	0	24
		1	49	22.45	22.44	**22.50**	0	24
		25	0	21.36	21.33	21.24	1	23
		25	12	21.20	21.35	21.39	1	23
		25	25	21.34	21.22	21.37	1	23
		50	0	21.24	21.42	21.33	1	23
	16QAM	1	0	21.55	21.62	21.56	1	23
		1	24	21.54	21.52	21.59	1	23
		1	49	21.62	21.74	21.66	1	23
		25	0	20.22	20.30	20.33	2	22
		25	12	20.23	20.35	20.41	2	22
		25	25	20.40	20.44	20.41	2	22
		50	0	20.27	20.33	20.38	2	22
	64QAM	1	0	20.32	20.44	20.46	2	22
		1	24	20.43	20.36	20.50	2	22
		1	49	20.38	20.51	20.52	2	22
		25	0	19.26	19.41	19.32	3	21
		25	12	19.29	19.47	19.30	3	21
		25	25	19.42	19.45	19.40	3	21
		50	0	19.31	19.41	19.47	3	21
	256QAM	1	0	17.41	17.47	17.38	5	19
		1	24	17.43	17.51	17.42	5	19
		1	49	17.46	17.53	17.49	5	19
		25	0	17.49	17.33	17.55	5	19
		25	12	17.24	17.31	17.50	5	19
		25	25	17.26	17.38	17.39	5	19
		50	0	17.45	17.41	17.36	5	19
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.35	22.34	22.42	0	24
		1	12	22.26	22.31	22.44	0	24
		1	24	22.44	**22.47**	22.43	0	24
		12	0	21.29	21.23	21.30	1	23
		12	6	21.34	21.38	21.38	1	23
		12	13	21.34	21.27	21.30	1	23
		25	0	21.23	21.42	21.37	1	23
	16QAM	1	0	21.58	21.60	21.66	1	23
		1	12	21.46	21.56	21.67	1	23
		1	24	21.50	21.65	21.69	1	23
		12	0	20.22	20.38	20.41	2	22
		12	6	20.34	20.42	20.50	2	22
		12	13	20.40	20.47	20.41	2	22
		25	0	20.31	20.32	20.49	2	22
	64QAM	1	0	20.31	20.35	20.36	2	22
		1	12	20.46	20.42	20.45	2	22
		1	24	20.34	20.53	20.56	2	22
		12	0	19.26	19.35	19.31	3	21
		12	6	19.20	19.43	19.33	3	21
		12	13	19.36	19.47	19.45	3	21
		25	0	19.39	19.33	19.48	3	21
	256QAM	1	0	17.41	17.40	17.50	5	19
		1	12	17.48	17.53	17.38	5	19
		1	24	17.46	17.42	17.45	5	19
		12	0	17.41	17.45	17.51	5	19
		12	6	17.37	17.35	17.41	5	19
		12	13	17.27	17.41	17.44	5	19
		25	0	17.50	17.44	17.36	5	19

LTE Band 30 (Ant6)

BW	Modulation	RB Size	RB Offset		Mid		3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.02		0	24
		1	24		**23.11**		0	24
		1	49		23.04		0	24
		25	0		21.97		1	23
		25	12		21.96		1	23
		25	25		21.98		1	23
		50	0		21.94		1	23
	16QAM	1	0		22.11		1	23
		1	24		22.14		1	23
		1	49		22.09		1	23
		25	0		21.01		2	22
		25	12		21.03		2	22
		25	25		21.05		2	22
		50	0		20.98		2	22
	64QAM	1	0		20.76		2	22
		1	24		20.78		2	22
		1	49		20.70		2	22
		25	0		20.02		3	21
		25	12		20.03		3	21
		25	25		20.02		3	21
		50	0		19.99		3	21
	256QAM	1	0		17.92		5	19
		1	24		18.13		5	19
		1	49		17.98		5	19
		25	0		17.93		5	19
		25	12		18.04		5	19
		25	25		17.97		5	19
		50	0		18.00		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	22.89	22.95	22.95	0	24
		1	12	23.06	**23.09**	23.05	0	24
		1	24	22.90	23.02	23.01	0	24
		12	0	21.87	21.83	21.86	1	23
		12	6	21.81	21.83	21.85	1	23
		12	13	21.92	21.84	21.90	1	23
		25	0	21.86	21.86	21.82	1	23
	16QAM	1	0	22.04	22.00	22.03	1	23
		1	12	22.01	22.04	22.03	1	23
		1	24	21.94	22.05	21.94	1	23
		12	0	20.90	20.95	20.93	2	22
		12	6	20.99	21.01	20.89	2	22
		12	13	21.02	21.02	20.98	2	22
		25	0	20.90	20.96	20.95	2	22
	64QAM	1	0	20.70	20.61	20.65	2	22
		1	12	20.67	20.66	20.67	2	22
		1	24	20.69	20.63	20.58	2	22
		12	0	19.98	19.93	19.99	3	21
		12	6	20.01	19.99	20.00	3	21
		12	13	19.91	19.91	20.00	3	21
		25	0	19.90	19.96	19.88	3	21
	256QAM	1	0	17.89	17.89	17.89	5	19
		1	12	17.99	18.11	18.11	5	19
		1	24	17.89	17.86	17.88	5	19
		12	0	17.85	17.80	17.89	5	19
		12	6	17.89	17.97	17.90	5	19
		12	13	17.92	17.90	17.88	5	19
		25	0	17.98	17.93	17.86	5	19

LTE Band 66 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.40	**22.47**	22.35	0	24
		1	50	22.41	22.32	22.23	0	24
		1	99	22.29	22.37	22.21	0	24
		50	0	21.33	21.36	21.25	1	23
		50	25	21.41	21.48	21.24	1	23
		50	50	21.47	21.42	21.24	1	23
		100	0	21.37	21.38	21.22	1	23
	16QAM	1	0	21.67	21.63	21.46	1	23
		1	50	21.58	21.54	21.48	1	23
		1	99	21.54	21.53	21.36	1	23
		50	0	20.41	20.38	20.30	2	22
		50	25	20.39	20.44	20.28	2	22
		50	50	20.41	20.54	20.37	2	22
		100	0	20.34	20.39	20.18	2	22
	64QAM	1	0	20.49	20.47	20.34	2	22
		1	50	20.34	20.48	20.20	2	22
		1	99	20.38	20.39	20.28	2	22
		50	0	19.34	19.41	19.30	3	21
		50	25	19.41	19.48	19.19	3	21
		50	50	19.37	19.51	19.24	3	21
		100	0	19.37	19.43	19.33	3	21
	256QAM	1	0	17.38	17.39	17.23	5	19
		1	50	17.42	17.51	17.29	5	19
		1	99	17.52	17.47	17.33	5	19
		50	0	17.34	17.45	17.27	5	19
		50	25	17.39	17.52	17.29	5	19
		50	50	17.44	17.49	17.36	5	19
		100	0	17.35	17.36	17.31	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	**22.34**	**22.34**	22.32	0	24
		1	37	22.33	22.23	22.12	0	24
		1	74	22.27	22.24	22.08	0	24
		36	0	21.29	21.34	21.12	1	23
		36	19	21.26	21.33	21.09	1	23
		36	39	21.42	21.36	21.16	1	23
		75	0	21.27	21.30	21.07	1	23
	16QAM	1	0	21.66	21.49	21.39	1	23
		1	37	21.46	21.40	21.39	1	23
		1	74	21.51	21.47	21.26	1	23
		36	0	20.26	20.30	20.18	2	22
		36	19	20.37	20.40	20.21	2	22
		36	39	20.29	20.49	20.36	2	22
		75	0	20.28	20.28	20.16	2	22
	64QAM	1	0	20.37	20.39	20.30	2	22
		1	37	20.29	20.47	20.19	2	22
		1	74	20.35	20.32	20.13	2	22
		36	0	19.23	19.38	19.25	3	21
		36	19	19.28	19.36	19.04	3	21
		36	39	19.31	19.44	19.12	3	21
		75	0	19.32	19.35	19.18	3	21
	256QAM	1	0	17.24	17.37	17.15	5	19
		1	37	17.41	17.41	17.18	5	19
		1	74	17.42	17.35	17.31	5	19
		36	0	17.30	17.38	17.12	5	19
		36	19	17.33	17.51	17.18	5	19
		36	39	17.31	17.43	17.34	5	19
		75	0	17.32	17.25	17.18	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.34	22.33	22.27	0	24
		1	24	**22.39**	22.30	22.15	0	24
		1	49	22.17	22.24	22.08	0	24
		25	0	21.27	21.24	21.15	1	23
		25	12	21.34	21.45	21.23	1	23
		25	25	21.44	21.39	21.12	1	23
		50	0	21.32	21.35	21.09	1	23
	16QAM	1	0	21.66	21.53	21.45	1	23
		1	24	21.57	21.49	21.40	1	23
		1	49	21.52	21.46	21.25	1	23
		25	0	20.30	20.26	20.17	2	22
		25	12	20.26	20.42	20.14	2	22
		25	25	20.38	20.53	20.23	2	22
		50	0	20.22	20.33	20.14	2	22
	64QAM	1	0	20.47	20.39	20.27	2	22
		1	24	20.24	20.47	20.19	2	22
		1	49	20.33	20.32	20.22	2	22
		25	0	19.29	19.29	19.25	3	21
		25	12	19.36	19.44	19.08	3	21
		25	25	19.24	19.48	19.13	3	21
		50	0	19.23	19.32	19.30	3	21
	256QAM	1	0	17.35	17.30	17.20	5	19
		1	24	17.37	17.44	17.14	5	19
		1	49	17.38	17.32	17.18	5	19
		25	0	17.25	17.38	17.25	5	19
		25	12	17.32	17.39	17.15	5	19
		25	25	17.38	17.40	17.21	5	19
		50	0	17.28	17.29	17.16	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.26	**22.36**	22.31	0	24
		1	12	22.32	22.28	22.14	0	24
		1	24	22.15	22.26	22.12	0	24
		12	0	21.26	21.24	21.22	1	23
		12	6	21.33	21.36	21.12	1	23
		12	13	21.36	21.36	21.11	1	23
		25	0	21.35	21.30	21.14	1	23
	16QAM	1	0	21.57	21.52	21.41	1	23
		1	12	21.57	21.46	21.40	1	23
		1	24	21.52	21.46	21.33	1	23
		12	0	20.30	20.36	20.16	2	22
		12	6	20.27	20.40	20.20	2	22
		12	13	20.33	20.41	20.32	2	22
		25	0	20.28	20.34	20.04	2	22
	64QAM	1	0	20.39	20.38	20.31	2	22
		1	12	20.30	20.39	20.07	2	22
		1	24	20.35	20.34	20.27	2	22
		12	0	19.32	19.27	19.27	3	21
		12	6	19.34	19.37	19.13	3	21
		12	13	19.23	19.36	19.11	3	21
		25	0	19.28	19.32	19.30	3	21
	256QAM	1	0	17.32	17.33	17.15	5	19
		1	12	17.34	17.45	17.25	5	19
		1	24	17.51	17.45	17.27	5	19
		12	0	17.24	17.42	17.13	5	19
		12	6	17.31	17.47	17.26	5	19
		12	13	17.35	17.37	17.33	5	19
		25	0	17.34	17.29	17.17	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.36	**22.42**	22.26	0	24
		1	7	22.27	22.21	22.09	0	24
		1	14	22.22	22.34	22.09	0	24
		8	0	21.30	21.21	21.22	1	23
		8	3	21.30	21.38	21.15	1	23
		8	7	21.32	21.34	21.13	1	23
		15	0	21.32	21.31	21.12	1	23
	16QAM	1	0	21.55	21.62	21.44	1	23
		1	7	21.44	21.40	21.35	1	23
		1	14	21.42	21.51	21.24	1	23
		8	0	20.34	20.36	20.18	2	22
		8	3	20.37	20.40	20.21	2	22
		8	7	20.34	20.53	20.26	2	22
		15	0	20.31	20.32	20.09	2	22
	64QAM	1	0	20.39	20.42	20.22	2	22
		1	7	20.25	20.39	20.07	2	22
		1	14	20.34	20.29	20.26	2	22
		8	0	19.33	19.34	19.24	3	21
		8	3	19.34	19.41	19.14	3	21
		8	7	19.30	19.44	19.20	3	21
		15	0	19.31	19.28	19.28	3	21
	256QAM	1	0	17.27	17.35	17.08	5	19
		1	7	17.41	17.36	17.18	5	19
		1	14	17.37	17.32	17.27	5	19
		8	0	17.32	17.40	17.24	5	19
		8	3	17.36	17.43	17.14	5	19
		8	7	17.34	17.39	17.31	5	19
		15	0	17.29	17.35	17.23	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.38	**22.42**	22.33	0	24
		1	2	22.27	22.26	22.20	0	24
		1	5	22.20	22.26	22.11	0	24
		3	0	22.10	22.02	22.01	0	24
		3	1	22.09	22.24	22.02	0	24
		3	3	22.15	22.17	21.89	0	24
		6	0	21.30	21.29	21.14	1	23
	16QAM	1	0	21.58	21.58	21.33	1	23
		1	2	21.47	21.46	21.33	1	23
		1	5	21.48	21.45	21.21	1	23
		3	0	21.34	21.27	21.15	1	23
		3	1	21.28	21.31	21.14	1	23
		3	3	21.38	21.40	21.22	1	23
		6	0	20.28	20.37	20.09	2	22
	64QAM	1	0	20.37	20.33	20.26	2	22
		1	2	20.29	20.41	20.07	2	22
		1	5	20.30	20.25	20.16	2	22
		3	0	20.20	20.27	20.28	2	22
		3	1	20.38	20.44	20.14	2	22
		3	3	20.35	20.50	20.13	2	22
		6	0	19.30	19.36	19.28	3	21
	256QAM	1	0	17.34	17.24	17.10	5	19
		1	2	17.32	17.41	17.20	5	19
		1	5	17.46	17.45	17.30	5	19
		3	0	17.31	17.43	17.12	5	19
		3	1	17.25	17.41	17.22	5	19
		3	3	17.39	17.39	17.29	5	19
		6	0	17.22	17.35	17.19	5	19

n2 (SCS 15 kHz) (Ant0)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		372000	376000	380000	
			Frequency (MHz)		1892	1892	1900	
20M	DFT-s-OFDM PI/2 BPSK		1	1	23.65	23.45	23.51	24
			1	53	23.57	23.39	23.43	24
			1	104	23.53	23.48	23.51	24
			50	0	22.60	22.65	22.62	24
			50	28	23.62	23.58	23.54	24
			50	56	22.59	22.55	22.45	24
			100	0	22.65	22.51	22.51	24
	DFT-s-OFDM QPSK		1	1	23.69	23.51	23.55	24
			1	53	23.62	23.45	23.55	24
			1	104	23.49	23.51	23.47	24
			50	0	23.05	22.90	22.90	24
			50	28	23.65	23.53	23.47	24
			50	56	23.15	22.98	22.98	24
			100	0	23.13	23.06	23.00	24
	DFT-s-OFDM 16QAM		1	1	22.74	22.70	22.74	23
	DFT-s-OFDM 64QAM		1	1	21.14	21.16	21.13	22
	DFT-s-OFDM 256QAM		1	1	19.25	19.09	19.14	21
BW	MCS Index		Channel		371668	376000	380000	Max. Tune-up
			Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK		1	1	23.53	23.34	23.41	24
BW	MCS Index		Channel		371668	376000	380000	Max. Tune-up
			Frequency (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK		1	1	23.51	23.31	23.38	24
BW	MCS Index		Channel		370500	376000	381500	Max. Tune-up
			Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK		1	1	23.50	23.30	23.43	24

n5 (SCS 15 kHz) (Ant0)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		166800	167300	167800	
			Frequency (MHz)		834	836.5	839	
20M	DFT-s-OFDM PI/2 BPSK		1	1	23.43	23.41	23.31	24
			1	53	23.27	23.29	23.28	24
			1	104	23.14	23.09	23.02	24
			50	0	22.88	22.75	22.79	24
			50	28	23.30	23.20	23.15	24
			50	56	22.80	22.73	22.68	24
			100	0	22.87	22.78	22.75	24
	DFT-s-OFDM QPSK		1	1	23.53	23.46	23.39	24
			1	53	23.37	23.24	23.21	24
			1	104	23.25	23.12	23.17	24
			50	0	22.42	22.29	22.23	24
			50	28	23.26	23.21	23.27	24
			50	56	22.32	22.29	22.24	24
			100	0	22.37	22.23	22.26	24
	DFT-s-OFDM 16QAM		1	1	22.69	22.59	22.58	23
	DFT-s-OFDM 64QAM		1	1	21.12	21.00	20.98	22
	DFT-s-OFDM 256QAM		1	1	19.14	19.01	19.00	21
BW	MCS Index		Channel		166300	167300	168300	Max. Tune-up
			Frequency (MHz)		831.5	836.5	841.5	
15M	DFT-s-OFDM QPSK		1	1	23.44	23.41	23.30	24
BW	MCS Index		Channel		166300	167300	168300	Max. Tune-up
			Frequency (MHz)		829	836.5	844	
10M	DFT-s-OFDM QPSK		1	1	23.45	23.44	23.36	24
BW	MCS Index		Channel		165300	167300	169300	Max. Tune-up
			Frequency (MHz)		826.5	836.5	846.5	
5M	DFT-s-OFDM QPSK		1	1	23.39	23.38	23.33	24

n7 (SCS 15 kHz) (Ant6)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		504000	507000	510000	
			Frequency (MHz)		2520	2535	2550	
40M	DFT-s-OFDM PI/2 BPSK		1	1	23.43	23.21	23.47	24
			1	108	23.39	23.18	23.34	24
			1	214	23.21	23.22	23.31	24
			108	0	22.29	22.13	22.40	24
			108	54	23.26	23.11	23.23	24
			108	108	22.23	22.10	22.24	24
			216	0	22.16	22.15	22.22	24
	DFT-s-OFDM QPSK		1	1	23.35	23.35	23.55	24
			1	108	23.34	23.19	23.26	24
			1	214	23.43	23.25	23.40	24
			108	0	22.79	22.58	22.89	24
			108	54	23.33	23.12	23.16	24
			108	108	22.67	22.59	22.88	24
			216	0	22.68	22.49	22.73	24
	DFT-s-OFDM 16QAM		1	1	22.44	22.26	22.47	23
	DFT-s-OFDM 64QAM		1	1	21.13	20.95	21.03	22
	DFT-s-OFDM 256QAM		1	1	19.39	19.34	19.46	20
BW	MCS Index		Channel		503500	507000	511000	Max. Tune-up (dBm)
			Frequency (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK		1	1	23.41	23.25	23.58	24
BW	MCS Index		Channel		502800	507000	511200	Max. Tune-up (dBm)
			Frequency (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK		1	1	23.49	23.35	23.59	24
BW	MCS Index		Channel		502500	507000	511500	Max. Tune-up (dBm)
			Frequency (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK		1	1	23.40	23.29	23.52	24
BW	MCS Index		Channel		501800	507000	512200	Max. Tune-up
			Frequency (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK		1	1	23.35	23.25	23.41	24
BW	MCS Index		Channel		501000	507000	513000	Max. Tune-up
			Frequency (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK		1	1	23.23	23.24	23.36	24
BW	MCS Index		Channel		500500	507000	513500	Max. Tune-up
			Frequency (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK		1	1	23.33	23.21	23.36	24

n12 (SCS 15 kHz) (Ant0)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		141300	141500	141700	
			Frequency (MHz)		706.5	707.5	708.5	
15M	DFT-s-OFDM PI/2 BPSK		1	1	23.13	23.09	23.09	24
			1	38	23.05	22.91	22.87	24
			1	77	22.91	22.85	22.87	24
			36	0	21.98	21.94	21.99	24
			36	22	22.91	22.80	22.97	24
			36	43	21.90	21.92	21.88	24
			75	0	22.01	21.94	21.89	24
	DFT-s-OFDM QPSK		1	1	23.14	23.05	23.05	24
			1	38	23.09	22.94	23.04	24
			1	77	22.93	22.89	22.89	24
			36	0	22.50	22.50	22.37	24
			36	22	22.92	22.79	22.89	24
			36	43	22.32	22.32	22.34	24
			75	0	22.42	22.39	22.36	24
	DFT-s-OFDM 16QAM		1	1	22.21	22.21	22.14	23
	DFT-s-OFDM 64QAM		1	1	20.66	20.65	20.68	22
	DFT-s-OFDM 256QAM		1	1	18.79	18.73	18.68	21
BW	MCS Index		Channel		140800	141000	142200	Max. Tune-up
			Frequency (MHz)		704	707.5	711	
10M	DFT-s-OFDM QPSK		1	1	23.03	22.93	22.94	24
BW	MCS Index		Channel		140800	141000	142700	Max. Tune-up
			Frequency (MHz)		701.5	707.5	713.5	
5M	DFT-s-OFDM QPSK		1	1	23.01	22.98	23.06	24

n13 (SCS 15 kHz) (Ant0)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel			156400		
			Frequency (MHz)			782		
10M	DFT-s-OFDM PI/2 BPSK		1	1		23.25		24
			1	25		23.27		24
			1	50		23.32		24
			25	0		22.76		24
			25	14		23.20		24
			25	27		22.62		24
			50	0		22.73		24
	DFT-s-OFDM QPSK		1	1		23.43		24
			1	25		23.32		24
			1	50		23.36		24
			25	0		22.26		24
			25	14		23.26		24
			25	27		22.18		24
			50	0		22.26		24
	DFT-s-OFDM 16QAM		1	1		23.30		23
	DFT-s-OFDM 64QAM		1	1		20.87		22
	DFT-s-OFDM 256QAM		1	1		18.85		21
BW	MCS Index		Channel		155900	156400	156900	Max. Tune-up
			Frequency (MHz)		778.5	782	784.5	
5M	DFT-s-OFDM QPSK		1	1	23.29	23.34	23.42	24

n14 (SCS 15 kHz) (Ant0)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel			159000		
			Frequency (MHz)			793		
10M	DFT-s-OFDM PI/2 BPSK		1	1		23.42		24
			1	25		23.38		24
			1	50		23.37		24
			25	0		22.82		24
			25	14		23.25		24
			25	27		22.76		24
			50	0		22.77		24
	DFT-s-OFDM QPSK		1	1		23.53		24
			1	25		23.40		24
			1	50		23.39		24
			25	0		22.36		24
			25	14		23.29		24
			25	27		22.28		24
			50	27		22.36		24
	DFT-s-OFDM 16QAM		1	1		22.57		23
	DFT-s-OFDM 64QAM		1	1		21.05		22
	DFT-s-OFDM 256QAM		1	1		18.96		20
BW	MCS Index		Channel		158100	159000	159100	Max. Tune-up
			Frequency (MHz)		790.5	793	795.5	
5M	DFT-s-OFDM QPSK		1	1	23.45	23.40	23.47	24

n25 (SCS 15 kHz) (Ant0)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		374000	376500	379000	
			Frequency (MHz)		1870	1882.5	1895	
40M	DFT-s-OFDM PI/2 BPSK		1	1	23.19	23.20	23.27	24
			1	107	23.20	23.05	23.09	24
			1	214	23.14	23.01	23.14	24
			108	0	22.17	22.03	22.07	24
			108	54	22.11	21.91	22.05	24
			108	108	22.16	21.91	22.17	24
			216	0	22.71	22.60	22.56	24
	DFT-s-OFDM QPSK		1	1	23.30	23.01	23.10	24
			1	107	23.17	22.99	23.02	24
			1	214	23.24	22.99	23.06	24
			108	0	22.65	22.51	22.65	24
			108	54	23.14	23.01	23.11	24
			108	108	22.62	22.55	22.56	24
			216	0	22.06	22.05	22.21	24
	DFT-s-OFDM 16QAM		1	1	22.32	22.16	22.20	23
	DFT-s-OFDM 64QAM		1	1	20.83	20.71	20.77	22
	DFT-s-OFDM 256QAM		1	1	18.86	18.82	18.80	21
BW	MCS Index		Channel		373500	376500	380500	Max. Tune-up
			Frequency (MHz)		1865	1882.5	1900	
30M	DFT-s-OFDM QPSK		1	1	23.23	23.01	23.04	24
BW	MCS Index		Channel		372500	376500	380500	Max. Tune-up
			Frequency (MHz)		1860	1882.5	1905	
25M	DFT-s-OFDM QPSK		1	1	23.13	22.83	23.11	24
BW	MCS Index		Channel		372000	376500	381000	Max. Tune-up
			Frequency (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM QPSK		1	1	23.05	22.86	22.98	24
BW	MCS Index		Channel		371668	376000	380332	Max. Tune-up
			Frequency (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK		1	1	23.05	22.82	23.04	24
BW	MCS Index		Channel		371000	376500	382000	Max. Tune-up
			Frequency (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK		1	1	23.10	22.82	23.00	24
BW	MCS Index		Channel		370500	376500	382500	Max. Tune-up
			Frequency (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK		1	1	23.06	22.94	23.07	24

n26 (SCS 15 kHz) (Ant0)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		164800	166300	167800	
			Frequency (MHz)		824	831.5	839	
20M	DFT-s-OFDM PI/2 BPSK		1	1	23.05	22.97	23.14	24
			1	53	23.05	22.98	23.14	24
			1	104	23.00	22.90	23.07	24
			50	0	22.49	22.56	22.69	24
			50	28	23.00	22.97	23.11	24
			50	56	22.54	22.42	22.50	24
			100	0	22.54	22.38	22.61	24
	DFT-s-OFDM QPSK		1	1	23.12	23.15	23.22	24
			1	53	22.96	22.87	23.06	24
			1	104	23.05	22.89	23.05	24
			50	0	22.01	21.96	22.14	24
			50	28	22.92	22.90	22.98	24
			50	56	22.04	21.99	22.13	24
			100	0	22.06	21.95	22.06	24
	DFT-s-OFDM 16QAM		1	1	22.20	22.14	22.33	23
	DFT-s-OFDM 64QAM		1	1	20.76	20.62	20.79	22
	DFT-s-OFDM 256QAM		1	1	18.77	18.76	18.75	20
BW	MCS Index		Channel		164300	166300	168300	Max. Tune-up
			Frequency (MHz)		821.5	831.5	841.5	
15M	DFT-s-OFDM QPSK		1	1	23.01	23.12	23.21	24
BW	MCS Index		Channel		163800	166300	168800	Max. Tune-up
			Frequency (MHz)		819	831.5	844	
10M	DFT-s-OFDM QPSK		1	1	23.23	23.14	23.11	24
BW	MCS Index		Channel		163300	166300	169300	Max. Tune-up
			Frequency (MHz)		816.5	831.5	846.5	
5M	DFT-s-OFDM QPSK		1	1	23.04	23.03	23.19	24

n30 (SCS 15 kHz) (Ant10)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel			462000		
			Frequency (MHz)			2310		
10M	DFT-s-OFDM PI/2 BPSK		1	1		23.53		24
			1	25		23.55		24
			1	50		23.49		24
			25	0		22.96		24
			25	14		23.41		24
			25	27		22.96		24
			50	0		23.01		24
	DFT-s-OFDM QPSK		1	1		23.59		24
			1	25		23.58		24
			1	50		23.58		24
			25	0		22.49		24
			25	14		23.46		24
			25	27		22.46		24
			50	0		22.45		24
	DFT-s-OFDM 16QAM		1	1		22.71		23
	DFT-s-OFDM 64QAM		1	1		21.21		22
	DFT-s-OFDM 256QAM		1	1		19.06		20
BW	MCS Index		Channel		461668	462000	462000	Max. Tune-up
			Frequency (MHz)		2307.5	2310	2312.5	
5M	DFT-s-OFDM QPSK		1	1	23.53	23.47	23.46	24

n38 (SCS 30 kHz) (Ant6)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		516000	519000	520000	
			Frequency (MHz)		2598	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK		1	1	22.95	22.88	23.03	24
			1	52	22.83	22.75	22.80	24
			1	104	22.94	22.85	22.94	24
			50	0	21.85	21.75	21.84	24
			50	28	22.81	22.84	22.80	24
			50	56	21.83	21.70	21.82	24
			100	0	21.76	21.71	21.90	24
	DFT-s-OFDM QPSK		1	1	23.00	22.98	23.13	24
			1	52	22.93	22.83	22.91	24
			1	104	22.87	22.72	22.79	24
			50	0	22.33	22.26	22.42	24
			50	28	22.80	22.78	22.91	24
			50	56	22.37	22.25	22.30	24
			100	0	22.34	22.35	22.38	24
	DFT-s-OFDM 16QAM		1	1	22.01	21.94	22.00	23
	DFT-s-OFDM 64QAM		1	1	20.50	20.41	20.49	22
	DFT-s-OFDM 256QAM		1	1	18.43	18.38	18.56	20
BW	MCS Index		Channel		517000	519000	521000	Max. Tune-up
			Frequency (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK		1	1	22.98	22.87	22.99	24
BW	MCS Index		Channel		516000	519000	522000	Max. Tune-up
			Frequency (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK		1	1	22.92	22.90	23.11	24
BW	MCS Index		Channel		515500	519000	522500	Max. Tune-up
			Frequency (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK		1	1	22.91	22.85	23.02	24
BW	MCS Index		Channel		515000	519000	523000	Max. Tune-up
			Frequency (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK		1	1	22.85	22.94	22.99	24

n41 PC3 (SCS 30 kHz) (Ant10)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		509202	518598	528096	
			Frequency (MHz)		2546.01	2592.99	2640.48	
100M	DFT-s-OFDM PI/2 BPSK		1	1	23.21	23.25	23.40	24
			1	137	23.38	23.36	23.54	24
			1	271	23.38	23.36	23.45	24
			135	0	23.29	23.26	23.34	24
			135	69	23.25	23.26	23.38	24
			135	138	23.36	23.25	23.44	24
			270	0	23.30	23.22	23.43	24
	DFT-s-OFDM QPSK		1	1	23.45	23.46	23.57	24
			1	137	23.31	23.28	23.49	24
			1	271	23.46	23.36	23.49	24
			135	0	23.23	23.26	23.39	24
			135	69	23.32	23.31	23.42	24
			135	138	23.39	23.27	23.48	24
			270	0	23.20	23.33	23.43	24
	DFT-s-OFDM 16QAM		1	1	23.13	23.34	23.43	24
	DFT-s-OFDM 64QAM		1	1	23.13	23.08	23.20	24
	DFT-s-OFDM 256QAM		1	1	21.93	21.97	22.04	23
BW	MCS Index		Channel		508200	518598	528996	Max. Tune-up
			Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK		1	1	23.25	23.22	23.39	24
BW	MCS Index		Channel		507264	518598	529698	Max. Tune-up
			Frequency (MHz)		2535.32	2592.99	2650.95	
80M	DFT-s-OFDM QPSK		1	1	23.20	23.28	23.30	24
BW	MCS Index		Channel		505202	518598	531698	Max. Tune-up
			Frequency (MHz)		2530.01	2592.99	2655	
70M	DFT-s-OFDM QPSK		1	1	23.26	23.22	23.42	24
BW	MCS Index		Channel		505200	518598	531996	Max. Tune-up
			Frequency (MHz)		2530	2592.99	2655.99	
60M	DFT-s-OFDM QPSK		1	1	23.29	23.30	23.33	24
BW	MCS Index		Channel		504204	518598	532998	Max. Tune-up
			Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK		1	1	23.30	23.27	23.40	24
BW	MCS Index		Channel		503202	518598	534000	Max. Tune-up
			Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK		1	1	23.23	23.22	23.31	24
BW	MCS Index		Channel		502200	518598	534996	Max. Tune-up
			Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK		1	1	23.20	23.21	23.30	24
BW	MCS Index		Channel		501204	518598	535998	Max. Tune-up
			Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK		1	1	23.28	23.33	23.39	24
BW	MCS Index		Channel		500700	518598	536496	Max. Tune-up
			Frequency (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK		1	1	23.24	23.31	23.42	24
BW	MCS Index		Channel		500202	518598	537000	Max. Tune-up
			Frequency (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK		1	1	23.23	23.21	23.37	24

n41 PC2 (SCS 30 kHz) (Ant10)

BW	MCS Index		RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
			Channel		509202	518598	528096	
			Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK		1	1	26.31	26.23	26.34	27
			1	137	26.29	26.15	26.33	27
			1	271	26.10	26.11	26.22	27
			135	0	25.10	25.09	25.17	27
			135	69	26.06	26.11	26.21	27
			135	138	25.05	24.99	25.09	27
			270	0	25.17	25.01	25.15	27
	DFT-s-OFDM QPSK		1	1	26.38	26.34	26.48	27
			1	137	26.40	26.28	26.41	27
			1	271	26.40	26.34	26.43	27
			135	0	25.61	25.50	25.70	27
			135	69	26.08	26.05	26.19	27
			135	138	25.67	25.53	25.65	27
			270	0	25.52	25.60	25.66	27
	DFT-s-OFDM 16QAM		1	1	24.83	24.79	24.86	25
	DFT-s-OFDM 64QAM		1	1	23.53	23.58	23.68	24
	DFT-s-OFDM 256QAM		1	1	22.28	22.33	22.33	23
BW	MCS Index		Channel		508200	518598	528996	Max. Tune-up
			Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK		1	1	26.18	26.04	26.21	27
BW	MCS Index		Channel		507264	518598	529698	Max. Tune-up
			Frequency (MHz)		2535.32	2592.99	2650.95	
80M	DFT-s-OFDM QPSK		1	1	26.28	26.05	26.31	27
BW	MCS Index		Channel		505202	518598	531698	Max. Tune-up
			Frequency (MHz)		2530.01	2592.99	2655	
70M	DFT-s-OFDM QPSK		1	1	26.15	26.09	26.26	27
BW	MCS Index		Channel		505200	518598	531996	Max. Tune-up
			Frequency (MHz)		2530	2592.99	2655.99	
60M	DFT-s-OFDM QPSK		1	1	26.14	26.08	26.28	27
BW	MCS Index		Channel		504204	518598	532998	Max. Tune-up
			Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK		1	1	26.24	26.01	26.21	27
BW	MCS Index		Channel		503202	518598	534000	Max. Tune-up
			Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK		1	1	26.17	26.12	26.28	27
BW	MCS Index		Channel		502200	518598	534996	Max. Tune-up
			Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK		1	1	26.22	26.02	26.21	27
BW	MCS Index		Channel		501204	518598	535998	Max. Tune-up
			Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK		1	1	26.25	26.13	26.28	27
BW	MCS Index		Channel		500700	518598	536496	Max. Tune-up
			Frequency (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK		1	1	26.21	26.09	26.20	27
BW	MCS Index		Channel		500202	518598	537000	Max. Tune-up
			Frequency (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK		1	1	26.20	26.10	26.22	27

mt0 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		639000	641666	644332	
		Frequency (MHz)		3835	3854.99	3874.98	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.18	23.19	23.09	24
		1	52	23.49	23.49	23.19	24
		1	104	23.22	23.29	23.14	24
		50	0	23.79	23.73	23.69	24
		50	29	23.29	23.19	23.14	24
		50	56	23.71	23.72	23.52	24
		100	0	23.67	23.74	22.66	24
		1	1	23.49	23.49	23.29	24
	DFT-s-OFDM QPSK	1	52	23.99	23.94	23.17	24
		1	104	23.66	23.62	23.37	24
		50	0	23.26	23.22	23.15	24
		50	29	23.29	23.14	23.14	24
		50	56	23.22	23.27	23.11	24
		100	0	23.16	23.27	22.10	24
		1	1	22.79	22.49	22.69	23
	DFT-s-OFDM 16QAM	1	1	20.89	20.89	20.89	22
	DFT-s-OFDM 64QAM	1	1	18.92	18.89	18.79	20
BW	MCS Index	Channel		637667	641666	645665	Max. Tune-up
		Frequency (MHz)		3834.01	3854.99	3875.98	
30M	DFT-s-OFDM BPSK	1	1	23.77	23.71	23.65	24
	MCS Index	Channel		637351	641666	646000	Max. Tune-up
		Frequency (MHz)		3832.11	3854.99	3878	
20M	DFT-s-OFDM QPSK	1	1	23.85	23.79	23.61	24
BW	MCS Index	Channel		637035	641666	646333	Max. Tune-up
		Frequency (MHz)		3830	3854.99	3880.02	
10M	DFT-s-OFDM QPSK	1	1	23.76	23.77	23.59	24

mt6 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	639000	640000	
		Frequency (MHz)		3835	3845	3855	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.99	22.80	22.73	24
		1	107	22.89	22.75	22.83	24
		1	214	22.84	22.71	22.73	24
		108	0	21.93	21.73	21.75	24
		108	54	22.84	22.62	22.70	24
		108	108	21.99	21.85	21.87	24
		216	0	21.88	21.87	21.72	24
	DFT-s-OFDM QPSK	1	1	23.02	22.87	22.80	24
		1	107	22.86	22.79	22.72	24
		1	214	22.80	22.68	22.66	24
		108	0	22.32	22.27	22.27	24
		108	54	22.91	22.90	22.79	24
		108	108	22.42	22.27	22.20	24
		216	0	22.45	22.37	22.34	24
	DFT-s-OFDM 16QAM	1	1	21.47	21.75	21.82	23
	DFT-s-OFDM 64QAM	1	1	20.62	20.34	20.32	21.5
	DFT-s-OFDM 256QAM	1	1	18.65	18.62	18.56	19.5
BW	MCS Index	Channel		638000	639000	640000	Max. Tune-up
		Frequency (MHz)		3835	3845	3855	
30M	DFT-s-OFDM BPSK	1	1	22.95	22.79	22.85	24
BW	MCS Index	Channel		638000	639000	640000	Max. Tune-up
		Frequency (MHz)		3835	3845	3855	
20M	DFT-s-OFDM QPSK	1	1	22.78	22.64	22.52	24
BW	MCS Index	Channel		638000	639000	640000	Max. Tune-up
		Frequency (MHz)		3835	3845	3855	
15M	DFT-s-OFDM QPSK	1	1	22.77	22.70	22.53	24
BW	MCS Index	Channel		638000	639000	640000	Max. Tune-up
		Frequency (MHz)		3835	3845	3855	
10M	DFT-s-OFDM QPSK	1	1	22.61	22.76	22.61	24
BW	MCS Index	Channel		638000	639000	640000	Max. Tune-up
		Frequency (MHz)		3835	3845	3855	
5M	DFT-s-OFDM QPSK	1	1	22.79	22.71	22.63	24

mt71 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		514000	136100	137800	
		Frequency (MHz)		4270	4800.6	5331	
20M	DFT-s-OFDM PI/2 BPSK	1	1	22.99	22.83	22.83	24
		1	53	22.75	22.69	22.64	24
		1	106	22.68	22.51	22.66	24
		50	0	22.26	22.22	22.26	24
		50	28	22.77	22.63	22.60	24
		50	56	22.27	22.33	22.06	24
		100	0	22.28	21.99	22.12	24
	DFT-s-OFDM QPSK	1	1	23.06	22.92	22.90	24
		1	53	22.46	22.70	22.48	24
		1	106	22.82	22.61	22.79	24
		50	0	21.81	21.63	21.74	24
		50	28	22.80	22.57	22.69	24
		50	56	21.87	21.93	21.91	24
		100	0	21.72	21.48	21.58	24
	DFT-s-OFDM 16QAM	1	1	22.21	22.03	22.12	23
	DFT-s-OFDM 64QAM	1	1	20.79	20.64	20.62	21.5
	DFT-s-OFDM 256QAM	1	1	18.39	18.23	18.21	19.5
BW	MCS Index	Channel		514100	136100	138100	Max. Tune-up
		Frequency (MHz)		4270	4800.6	5331	
15M	DFT-s-OFDM QPSK	1	1	22.98	22.78	22.77	24
BW	MCS Index	Channel		513850	136100	138350	Max. Tune-up
		Frequency (MHz)		4269	4800.6	5332	
10M	DFT-s-OFDM QPSK	1	1	22.98	22.70	22.86	24
BW	MCS Index	Channel		513600	136100	138600	Max. Tune-up
		Frequency (MHz)		4268	4800.6	5333	
5M	DFT-s-OFDM QPSK	1	1	23.03	22.73	22.81	24

mt77 PC3 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			631334		
		Frequency (MHz)			3835.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		22.62		24
		1	137		22.92		24
		1	271		22.56		24
		136	0		22.45		24
		136	69		22.61		24
		136	138		22.53		24
		270	0		22.46		24
	DFT-s-OFDM QPSK	1	1		22.62		24
		1	137		22.67		24
		1	271		22.60		24
		136	0		22.49		24
		136	69		22.49		24
		136	138		22.49		24
		270	0		22.53		24
	DFT-s-OFDM 16QAM	1	1		21.75		24
	DFT-s-OFDM 64QAM	1	1		22.46		23.5
	DFT-s-OFDM 256QAM	1	1		21.20		22.5
BW	MCS Index	Channel			633334		Max. Tune-up
		Frequency (MHz)			3835		
90M	DFT-s-OFDM BPSK	1	1		22.72		24
BW	MCS Index	Channel			633666		Max. Tune-up
		Frequency (MHz)			3836.02		
80M	DFT-s-OFDM QPSK	1	1		22.74		24
BW	MCS Index	Channel			633998		Max. Tune-up
		Frequency (MHz)			3837.03		
70M	DFT-s-OFDM QPSK	1	1		22.68		24
BW	MCS Index	Channel			634330		Max. Tune-up
		Frequency (MHz)			3838.05		
60M	DFT-s-OFDM QPSK	1	1		22.67		24
BW	MCS Index	Channel			634662		Max. Tune-up
		Frequency (MHz)			3839.06		
50M	DFT-s-OFDM QPSK	1	1		22.73		24
BW	MCS Index	Channel			634994		Max. Tune-up
		Frequency (MHz)			3840.07		
40M	DFT-s-OFDM QPSK	1	1		22.71		24
BW	MCS Index	Channel			635326		Max. Tune-up
		Frequency (MHz)			3841.08		
30M	DFT-s-OFDM QPSK	1	1		22.72		24
BW	MCS Index	Channel			635658		Max. Tune-up
		Frequency (MHz)			3842.09		
20M	DFT-s-OFDM QPSK	1	1		22.72		24
BW	MCS Index	Channel			635990		Max. Tune-up
		Frequency (MHz)			3843.1		
15M	DFT-s-OFDM QPSK	1	1		22.77		24
BW	MCS Index	Channel			636154		Max. Tune-up
		Frequency (MHz)			3843.59		
10M	DFT-s-OFDM QPSK	1	1		22.67		24

mt77 PC3 (SCS 15 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		636000	636666	637332	
		Frequency (MHz)		3830	3850	3870	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.19	22.71	22.76	
		1	107	23.01	22.68	22.69	
		1	271	23.00	22.68	22.70	
		108	0	22.89	22.54	22.66	
		135	69	22.95	22.62	22.71	
		135	138	22.91	22.52	22.78	
		270	0	22.86	22.60	22.80	
	DFT-s-OFDM QPSK	1	1	23.20	22.74	22.84	
		1	107	23.02	22.60	22.88	
		1	271	23.01	22.69	22.79	
		135	0	22.75	22.53	22.71	
		135	69	22.95	22.58	22.78	
		135	138	22.91	22.50	22.80	
		270	0	22.87	22.44	22.79	
	DFT-s-OFDM 16QAM	1	1	23.12	23.07	23.76	
	DFT-s-OFDM 64QAM	1	1	22.05	22.61	22.76	
	DFT-s-OFDM 256QAM	1	1	21.59	21.09	21.43	
BW	MCS Index	Channel		636000	636333	636666	3GPP MPR
		Frequency (MHz)		3830	3840	3850	
90M	DFT-s-OFDM BPSK	1	1	23.12	22.70	22.87	
BW	MCS Index	Channel		636034	636300	636566	3GPP MPR
		Frequency (MHz)		3830.31	3840	3849.69	
80M	DFT-s-OFDM QPSK	1	1	23.09	22.67	22.91	
BW	MCS Index	Channel		635734	636000	636266	3GPP MPR
		Frequency (MHz)		3829.34	3840	3850.66	
70M	DFT-s-OFDM QPSK	1	1	23.09	22.65	23.00	
BW	MCS Index	Channel		635466	635732	635998	3GPP MPR
		Frequency (MHz)		3828.38	3839.03	3849.69	
60M	DFT-s-OFDM QPSK	1	1	23.21	22.62	22.96	
BW	MCS Index	Channel		635198	635464	635730	3GPP MPR
		Frequency (MHz)		3826.41	3837.07	3847.73	
50M	DFT-s-OFDM QPSK	1	1	23.10	22.69	23.02	
BW	MCS Index	Channel		634930	635196	635462	3GPP MPR
		Frequency (MHz)		3825	3836	3846	
40M	DFT-s-OFDM QPSK	1	1	23.10	22.65	23.00	
BW	MCS Index	Channel		634662	634928	635194	3GPP MPR
		Frequency (MHz)		3823.44	3834.1	3844.76	
30M	DFT-s-OFDM QPSK	1	1	23.10	22.64	23.01	
BW	MCS Index	Channel		634394	634660	634926	3GPP MPR
		Frequency (MHz)		3821.47	3832.13	3842.8	
20M	DFT-s-OFDM QPSK	1	1	23.10	22.64	23.01	
BW	MCS Index	Channel		634126	634392	634658	3GPP MPR
		Frequency (MHz)		3819.5	3830.17	3840.83	
15M	DFT-s-OFDM QPSK	1	1	23.15	22.62	22.98	
BW	MCS Index	Channel		633990	634256	634522	3GPP MPR
		Frequency (MHz)		3818.25	3828.92	3839.58	
10M	DFT-s-OFDM QPSK	1	1	23.14	22.62	22.98	

mt77 PC2 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			631334		
		Frequency (MHz)			3835.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		24.14		24
		1	137		23.21		24
		1	271		23.01		24
		136	0		22.97		24
		136	69		23.08		24
		136	138		23.06		24
		270	0		23.10		24
	DFT-s-OFDM QPSK	1	1		23.17		24
		1	137		23.23		24
		1	271		23.01		24
		136	0		22.96		24
		136	69		23.06		24
		136	138		23.08		24
		270	0		23.10		24
	DFT-s-OFDM 16QAM	1	1		22.96		24
	DFT-s-OFDM 64QAM	1	1		23.07		24
	DFT-s-OFDM 256QAM	1	1		21.58		22.5
BW	MCS Index	Channel		638000	639334	639668	Max. Tune-up
		Frequency (MHz)		3835	3850.01	3865.02	
90M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.05	23.21	24
BW	MCS Index	Channel		638348	639334	640320	Max. Tune-up
		Frequency (MHz)		3836.03	3850.01	3863.99	
80M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.06	23.20	24
BW	MCS Index	Channel		638702	639334	639966	Max. Tune-up
		Frequency (MHz)		3837.06	3850.01	3862.96	
70M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.03	23.14	24
BW	MCS Index	Channel		639056	639334	639612	Max. Tune-up
		Frequency (MHz)		3838.08	3850.01	3861.94	
60M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.03	23.18	24
BW	MCS Index	Channel		639410	639334	639258	Max. Tune-up
		Frequency (MHz)		3839.11	3850.01	3860.91	
50M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.03	23.17	24
BW	MCS Index	Channel		639764	639334	638904	Max. Tune-up
		Frequency (MHz)		3840.13	3850.01	3859.89	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.36	23.15	23.16	24
BW	MCS Index	Channel		640118	639334	638550	Max. Tune-up
		Frequency (MHz)		3841.16	3850.01	3858.86	
30M	DFT-s-OFDM PI/2 BPSK	1	1	23.34	23.12	23.19	24
BW	MCS Index	Channel		640472	639334	638196	Max. Tune-up
		Frequency (MHz)		3842.18	3850.01	3857.84	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.36	23.16	23.15	24
BW	MCS Index	Channel		640826	639334	637842	Max. Tune-up
		Frequency (MHz)		3843.21	3850.01	3856.81	
15M	DFT-s-OFDM PI/2 BPSK	1	1	23.14	23.03	23.14	24
BW	MCS Index	Channel		640998	639334	637670	Max. Tune-up
		Frequency (MHz)		3843.72	3850.01	3856.29	
10M	DFT-s-OFDM PI/2 BPSK	1	1	23.26	23.05	23.12	24

mt78 PC3 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			631334		
		Frequency (MHz)			3835.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		23.14		24
		1	137		23.21		24
		1	271		23.01		24
		136	0		22.97		24
		136	69		23.08		24
		136	138		23.06		24
		270	0		23.10		24
	DFT-s-OFDM QPSK	1	1		23.17		24
		1	137		23.23		24
		1	271		23.10		24
		136	0		22.96		24
		136	69		23.06		24
		136	138		23.08		24
		270	0		23.10		24
	DFT-s-OFDM 16QAM	1	1		22.96		24
	DFT-s-OFDM 64QAM	1	1		23.07		24
	DFT-s-OFDM 256QAM	1	1		21.58		22.5
BW	MCS Index	Channel		639000	639334	639668	Max. Tune-up
		Frequency (MHz)		3835	3850.01	3865.02	
90M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.05	23.21	24
BW	MCS Index	Channel		639348	639334	639320	Max. Tune-up
		Frequency (MHz)		3836.03	3850.01	3863.99	
80M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.06	23.20	24
BW	MCS Index	Channel		639702	639334	638966	Max. Tune-up
		Frequency (MHz)		3837.06	3850.01	3862.96	
70M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.03	23.14	24
BW	MCS Index	Channel		640056	639334	638612	Max. Tune-up
		Frequency (MHz)		3838.08	3850.01	3861.94	
60M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.03	23.18	24
BW	MCS Index	Channel		640410	639334	638258	Max. Tune-up
		Frequency (MHz)		3839.11	3850.01	3860.91	
50M	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.03	23.17	24
BW	MCS Index	Channel		640764	639334	637904	Max. Tune-up
		Frequency (MHz)		3840.13	3850.01	3859.89	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.36	23.15	23.16	24
BW	MCS Index	Channel		641118	639334	637550	Max. Tune-up
		Frequency (MHz)		3841.16	3850.01	3858.86	
30M	DFT-s-OFDM PI/2 BPSK	1	1	23.34	23.12	23.19	24
BW	MCS Index	Channel		641472	639334	637196	Max. Tune-up
		Frequency (MHz)		3842.18	3850.01	3857.84	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.36	23.16	23.15	24
BW	MCS Index	Channel		641826	639334	636842	Max. Tune-up
		Frequency (MHz)		3843.21	3850.01	3856.81	
15M	DFT-s-OFDM PI/2 BPSK	1	1	23.14	23.03	23.14	24
BW	MCS Index	Channel		641998	639334	636670	Max. Tune-up
		Frequency (MHz)		3843.72	3850.01	3856.29	
10M	DFT-s-OFDM PI/2 BPSK	1	1	23.26	23.05	23.12	24

mt78 PC2 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			631334		
		Frequency (MHz)			3835.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		25.62		27
		1	137		25.40		27
		1	271		25.42		27
		136	0		25.48		27
		136	69		25.52		27
		136	138		25.47		27
		270	0		24.38		27
	DFT-s-OFDM QPSK	1	1		26.79		27
		1	137		25.62		27
		1	271		25.57		27
		136	0		25.50		27
		136	69		25.56		27
		136	138		25.55		27
		270	0		26.05		27
	DFT-s-OFDM 16QAM	1	1		24.37		26
	DFT-s-OFDM 64QAM	1	1		22.66		24
	DFT-s-OFDM 256QAM	1	1		21.62		22.5
BW	MCS Index	Channel		639000	639334	639668	Max. Tune-up
		Frequency (MHz)		3835	3850.01	3865.02	
90M	DFT-s-OFDM PI/2 BPSK	1	1	25.62	25.66	25.63	27
BW	MCS Index	Channel		639348	639334	639320	Max. Tune-up
		Frequency (MHz)		3836.03	3850.01	3863.99	
80M	DFT-s-OFDM PI/2 BPSK	1	1	25.67	25.62	25.63	27
BW	MCS Index	Channel		639702	639334	638966	Max. Tune-up
		Frequency (MHz)		3837.06	3850.01	3862.96	
70M	DFT-s-OFDM PI/2 BPSK	1	1	25.64	25.68	26.71	27
BW	MCS Index	Channel		640056	639334	638612	Max. Tune-up
		Frequency (MHz)		3838.08	3850.01	3861.94	
60M	DFT-s-OFDM PI/2 BPSK	1	1	25.70	25.71	25.67	27
BW	MCS Index	Channel		640410	639334	638258	Max. Tune-up
		Frequency (MHz)		3839.11	3850.01	3860.91	
50M	DFT-s-OFDM PI/2 BPSK	1	1	25.69	25.66	25.63	27
BW	MCS Index	Channel		640764	639334	637904	Max. Tune-up
		Frequency (MHz)		3840.13	3850.01	3859.89	
40M	DFT-s-OFDM PI/2 BPSK	1	1	25.66	25.70	25.65	27
BW	MCS Index	Channel		641118	639334	637550	Max. Tune-up
		Frequency (MHz)		3841.16	3850.01	3858.86	
30M	DFT-s-OFDM PI/2 BPSK	1	1	25.68	25.62	25.61	27
BW	MCS Index	Channel		641472	639334	637196	Max. Tune-up
		Frequency (MHz)		3842.18	3850.01	3857.84	
20M	DFT-s-OFDM PI/2 BPSK	1	1	25.71	25.71	25.69	27
BW	MCS Index	Channel		641826	639334	636842	Max. Tune-up
		Frequency (MHz)		3843.21	3850.01	3856.81	
15M	DFT-s-OFDM PI/2 BPSK	1	1	25.62	25.63	25.64	27
BW	MCS Index	Channel		641998	639334	636670	Max. Tune-up
		Frequency (MHz)		3843.72	3850.01	3856.29	
10M	DFT-s-OFDM PI/2 BPSK	1	1	25.73	25.66	25.70	27

n2 (SCS 15 kHz) (Ant2)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.31	23.17	23.46	24
		1	53	23.25	23.11	23.07	24
		1	104	23.10	23.32	23.58	24
		50	0	21.96	22.24	22.09	24
		50	28	23.26	23.16	23.53	24
		50	56	22.26	21.97	22.44	24
		100	0	22.42	22.29	22.07	24
	DFT-s-OFDM QPSK	1	1	23.62	23.39	23.19	24
		1	53	23.50	23.29	23.46	24
		1	104	23.25	23.23	23.21	24
		50	0	22.72	22.63	22.53	24
		50	28	23.19	23.15	23.14	24
		50	56	22.67	22.69	22.84	24
		100	0	22.74	22.84	22.77	24
	DFT-s-OFDM	1	1	22.36	21.96	22.52	23
	DFT-s-OFDM	1	1	20.83	20.73	20.76	22
	DFT-s-OFDM	1	1	18.58	18.65	18.67	21
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM	1	1	23.60	23.29	23.11	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM	1	1	23.51	23.24	23.15	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM	1	1	23.49	23.27	23.16	24

n7 (SCS 15 kHz) (Ant10)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		504000	507000	510000	
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.29	23.02	23.24	24
		1	108	23.13	23.13	23.16	24
		1	214	22.04	22.17	22.16	24
		108	0	22.43	22.53	22.46	24
		108	54	22.91	22.97	23.20	24
		108	108	22.37	22.35	22.56	24
		216	0	22.59	22.38	22.78	24
	DFT-s-OFDM QPSK	1	1	23.29	22.99	23.32	24
		1	108	22.93	22.95	23.11	24
		1	214	23.01	23.16	23.32	24
		108	0	21.93	21.96	22.27	24
		108	54	22.97	23.03	23.18	24
		108	108	22.05	22.28	22.16	24
		216	0	22.17	21.91	22.12	24
	DFT-s-OFDM	1	1	21.99	22.29	22.26	23
	DFT-s-OFDM	1	1	20.75	20.94	21.19	22
	DFT-s-OFDM	1	1	19.28	19.26	19.35	21
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM	1	1	23.16	23.11	23.25	24
BW	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM	1	1	23.31	23.13	23.33	24
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM	1	1	23.29	23.02	23.31	24
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM	1	1	23.25	22.98	23.32	24
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM	1	1	23.23	23.09	23.28	24
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM	1	1	23.21	23.12	23.24	24

n38 (SCS 30 kHz) (Ant6)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.72	22.85	24
		1	52	22.37	22.33	22.30	24
		1	104	22.69	22.63	22.57	24
		50	0	21.95	22.35	21.72	23
		50	28	22.84	22.49	22.54	23
		50	56	21.92	22.26	22.16	23
		100	0	22.13	22.22	21.77	23
	DFT-s-OFDM QPSK	1	1	22.87	22.97	23.06	24
		1	52	22.70	22.53	22.60	24
		1	104	22.83	22.80	22.93	24
		50	0	21.72	21.42	21.40	23
		50	28	22.53	22.94	22.75	23
		50	56	21.80	21.90	21.75	23
		100	0	21.72	21.67	21.43	23
	DFT-s-OFDM	1	1	21.71	21.98	21.93	23
	DFT-s-OFDM	1	1	20.29	20.13	19.96	22
	DFT-s-OFDM	1	1	18.38	18.54	18.45	20
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM	1	1	22.77	22.93	22.96	24
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM	1	1	22.74	22.94	22.99	24
BW	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM	1	1	22.84	22.83	23.03	24
BW	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM	1	1	22.86	22.92	22.92	24

n66 (SCS 15 kHz) (Ant2)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequence (MHz)		1730	1745	1760	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.91	22.77	22.77	24
		1	107	22.75	22.56	22.59	24
		1	214	22.82	22.69	22.55	24
		108	0	22.40	22.28	22.34	24
		108	54	22.69	22.65	22.59	24
		108	108	22.27	22.13	22.19	24
		216	0	22.31	22.22	22.28	24
	DFT-s-OFDM QPSK	1	1	22.95	22.85	22.72	24
		1	107	22.87	22.73	22.77	24
		1	214	22.60	22.55	22.66	24
		108	0	21.68	21.69	21.79	24
		108	54	22.73	22.67	22.80	24
		108	108	21.81	21.67	21.69	24
		216	0	21.65	21.73	21.68	24
	DFT-s-OFDM	1	1	21.96	21.87	21.81	23
	DFT-s-OFDM	1	1	20.26	20.06	20.14	21.5
	DFT-s-OFDM	1	1	18.50	18.42	18.38	19.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequence (MHz)		1725	1745	1765	
30M	DFT-s-OFDM	1	1	22.89	22.73	22.64	24
BW	MCS Index	Channel		344500	349000	353500	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5	
25M	DFT-s-OFDM	1	1	22.82	22.75	22.60	24
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequence (MHz)		1720	1745	1770	
20M	DFT-s-OFDM	1	1	22.90	22.77	22.61	24
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM	1	1	22.93	22.84	22.58	24
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	DFT-s-OFDM	1	1	22.89	22.70	22.65	24
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM	1	1	22.83	22.78	22.57	24

n77 PC3 (SCS 30 kHz) (Ant5)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		22.63		24
		1	137		22.46		24
		1	271		22.52		24
		135	0		22.42		24
		135	69		22.51		24
		135	138		22.51		24
		270	0		22.41		24
	DFT-s-OFDM QPSK	1	1		22.81		24
		1	137		22.66		24
		1	271		22.59		24
		135	0		22.40		24
		135	69		22.48		24
		135	138		22.48		24
		270	0		22.50		24
	DFT-s-OFDM	1	1		22.70		24
	DFT-s-OFDM	1	1		22.41		23.5
	DFT-s-OFDM	1	1		21.18		22.5

BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM	1	1	22.68	22.80	22.76	24

BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM	1	1	22.69	22.72	22.65	24

BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM	1	1	22.68	22.68	22.70	24

BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM	1	1	22.66	22.77	22.66	24

BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM	1	1	22.73	22.74	22.68	24

BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM	1	1	22.67	22.67	22.80	24

BW	MCS Index	Channel		631000	633334	635668	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM	1	1	22.67	22.76	22.71	24

BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM	1	1	22.72	22.72	22.75	24

BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequency (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM	1	1	22.72	22.68	22.69	24

BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequency (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM	1	1	22.64	22.65	22.68	24

n77 PC3 (SCS 30 kHz) (Ant5)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM PI/2 BPSK	1	1	23.14	22.70	22.87	24
		1	137	22.99	22.64	22.92	24
		1	271	22.95	22.47	22.68	24
		135	0	22.87	22.50	22.82	24
		135	69	22.94	22.37	22.66	24
		135	138	22.95	22.47	22.73	24
		270	0	22.82	22.46	22.79	24
	DFT-s-OFDM QPSK	1	1	23.18	22.74	23.02	24
		1	137	23.02	22.59	22.87	24
		1	271	22.99	22.46	22.72	24
		135	0	22.74	22.49	22.67	24
		135	69	22.95	22.55	22.74	24
		135	138	22.89	22.45	22.79	24
		270	0	22.87	22.40	22.76	24
	DFT-s-OFDM	1	1	23.10	22.52	22.74	24
	DFT-s-OFDM	1	1	22.86	22.39	22.74	23.5
	DFT-s-OFDM	1	1	21.57	21.05	21.42	22.5

BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM	1	1	23.09	22.65	22.96	24

BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM	1	1	23.08	22.64	22.87	24

BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM	1	1	23.08	22.65	22.97	24

BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM	1	1	23.21	22.58	22.89	24

BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM	1	1	23.05	22.66	23.00	24

BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM	1	1	23.07	22.65	22.99	24

BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM	1	1	23.22	22.67	22.96	24

BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM	1	1	23.20	22.70	22.89	24

BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequency (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM	1	1	23.13	22.58	23.03	24

BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequency (MHz)		3705	3840	3975	
10M	DFT-s-OFDM	1	1	23.10	22.59	22.97	24

n77 PC2 (SCS 30 kHz) (Ant5)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		25.41		27
		1	137		25.36		27
		1	271		25.36		27
		135	0		24.66		27
		135	69		25.28		27
		135	138		24.83		27
		270	0		24.83		27
	DFT-s-OFDM QPSK	1	1		25.49		27
		1	137		25.12		27
		1	271		25.48		27
		135	0		24.14		27
		135	69		25.18		27
		135	138		24.29		27
		270	0		24.16		27
	DFT-s-OFDM	1	1		24.37		26
	DFT-s-OFDM	1	1		22.78		24
	DFT-s-OFDM	1	1		21.45		22.5

BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM	1	1	25.37	25.44	25.53	27

BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM	1	1	25.42	25.43	25.53	27

BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM	1	1	25.39	25.48	25.42	27

BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM	1	1	25.51	25.54	25.50	27

BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM	1	1	25.41	25.43	25.46	27

BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM	1	1	25.39	25.42	25.48	27

BW	MCS Index	Channel		631000	633334	635668	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM	1	1	25.46	25.41	25.48	27

BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM	1	1	25.46	25.46	25.50	27

BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequency (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM	1	1	25.41	25.38	25.44	27

BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequency (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM	1	1	25.38	25.45	25.39	27

n77 PC2 (SCS 30 kHz) (Ant5)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM PI/2 BPSK	1	1	25.68	25.36	25.62	27
		1	137	25.63	25.36	25.48	27
		1	271	25.66	25.26	25.34	27
		135	0	24.96	24.66	24.82	27
		135	69	25.63	25.15	25.35	27
		135	138	25.09	24.62	24.82	27
		270	0	25.03	24.58	24.82	27
	DFT-s-OFDM QPSK	1	1	25.75	25.42	25.52	27
		1	137	25.46	25.30	25.39	27
		1	271	25.71	25.03	25.25	27
		135	0	24.49	24.14	24.20	27
		135	69	25.53	25.15	25.30	27
		135	138	24.49	23.95	24.28	27
		270	0	24.46	24.10	24.25	27
	DFT-s-OFDM	1	1	24.73	24.18	24.42	26
	DFT-s-OFDM	1	1	22.98	22.50	22.77	24
	DFT-s-OFDM	1	1	21.79	21.40	21.58	22.5

BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM	1	1	25.65	25.44	25.42	27

BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM	1	1	25.67	25.38	25.51	27

BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM	1	1	25.61	25.29	25.46	27

BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM	1	1	25.65	25.31	25.46	27

BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM	1	1	25.64	25.47	25.40	27

BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM	1	1	25.62	25.45	25.44	27

BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM	1	1	25.64	25.35	25.44	27

BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM	1	1	25.69	25.36	25.39	27

BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequency (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM	1	1	25.72	25.36	25.37	27

BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequency (MHz)		3705	3840	3975	
10M	DFT-s-OFDM	1	1	25.69	25.36	25.42	27

n78 PC3 (SCS 30 kHz) (Ant5)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		23.21		24
		1	137		23.20		24
		1	271		22.99		24
		135	0		22.95		24
		135	69		23.08		24
		135	138		22.96		24
		270	0		23.07		24
	DFT-s-OFDM QPSK	1	1		23.26		24
		1	137		23.19		24
		1	271		23.09		24
		135	0		22.96		24
		135	69		22.99		24
		135	138		23.06		24
		270	0		23.07		24
	DFT-s-OFDM	1	1		22.93		24
	DFT-s-OFDM	1	1		22.35		23.5
	DFT-s-OFDM	1	1		21.55		22.5

BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM	1	1	23.18	23.13	23.19	24

BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM	1	1	23.22	23.22	23.15	24

BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM	1	1	23.22	23.11	23.14	24

BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM	1	1	23.18	23.19	23.17	24

BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM	1	1	23.17	23.26	23.16	24

BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM	1	1	23.22	23.12	23.11	24

BW	MCS Index	Channel		631000	633334	635668	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM	1	1	23.21	23.09	23.16	24

BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM	1	1	23.14	23.11	23.13	24

BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequency (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM	1	1	23.07	23.19	23.11	24

BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequency (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM	1	1	23.22	23.20	23.12	24

n78 PC2 (SCS 30 kHz) (Ant5)

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		25.58		27
		1	137		25.56		27
		1	271		25.41		27
		135	0		24.44		27
		135	69		25.52		27
		135	138		24.45		27
		270	0		24.35		27
	DFT-s-OFDM QPSK	1	1		25.70		27
		1	137		25.62		27
		1	271		25.52		27
		135	0		24.98		27
		135	69		25.55		27
		135	138		24.93		27
		270	0		25.01		27
	DFT-s-OFDM	1	1		24.33		26
	DFT-s-OFDM	1	1		22.65		24
	DFT-s-OFDM	1	1		21.63		22.5

BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM	1	1	25.60	25.66	25.58	27

BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM	1	1	25.62	25.62	25.62	27

BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM	1	1	25.61	25.65	25.68	27

BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM	1	1	25.70	25.67	25.63	27

BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM	1	1	25.57	25.65	25.61	27

BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM	1	1	25.61	25.67	25.65	27

BW	MCS Index	Channel		631000	633334	635668	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM	1	1	25.63	25.61	25.57	27

BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM	1	1	25.70	25.70	25.65	27

BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequency (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM	1	1	25.57	25.58	25.60	27

BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequency (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM	1	1	25.68	25.65	25.70	27

2CA DL

CA List	PCC							SCC				Power	
	LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
	Band	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655	3100	22.36	22.56
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	22.48	22.68
CA_2A-17A	Band 2	10M	1860	18700	QPSK	1	0	Band 17	10M	740	5790	22.41	22.56
	Band 17	10M	710	23790	QPSK	1	49	Band 2	10M	1960	900	22.49	22.6
CA_2A-30A	Band 2	20M	1860	18700	QPSK	1	0	Band 30	10M	2355	9820	22.42	22.56
	Band 30	10M	2310	27710	QPSK	1	24	Band 2	20M	1960	900	23.09	23.16
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	22.48	22.57
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	22.61	22.68
CA_4A-17A	Band 4	10M	1720	20050	QPSK	1	0	Band 17	10M	740	5790	22.51	22.57
	Band 17	10M	710	23790	QPSK	1	49	Band 4	10M	2132.5	2175	22.5	22.6
CA_4A-30A	Band 4	20M	1720	20050	QPSK	1	0	Band 30	10M	2355	9820	22.55	22.57
	Band 30	10M	2310	27710	QPSK	1	24	Band 4	20M	2132.5	2175	23.05	23.16
CA_4A-48A	Band 4	20M	1720	20050	QPSK	1	0	Band 48	20M	3609	55830	22.53	22.57
	Band 48	20M	3690	56640	QPSK	1	50	Band 4	20M	2132.5	2175	23.19	23.26
CA_5A-7A	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655	3100	22.49	22.66
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	22.5	22.68
CA_5A-25A	Band 5	10M	844	20600	QPSK	1	0	Band 25	20M	1962.5	8365	22.53	22.66
	Band 25	20M	1880	26340	QPSK	1	0	Band 5	10M	881.5	2525	22.51	22.56
CA_5A-30A	Band 5	10M	844	20600	QPSK	1	0	Band 30	10M	2355	9820	22.59	22.66
	Band 30	10M	2310	27710	QPSK	1	24	Band 5	10M	881.5	2525	23.03	23.16
CA_5A-38A	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595	38000	22.65	22.66
	Band 38	20M	2610	38150	QPSK	1	50	Band 5	10M	881.5	2525	22.6	22.79
CA_5A-41A	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593	40620	22.57	22.66
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	23.16	23.3
CA_7A-7A	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	22.56	22.68
CA_7A-12A	Band 7	20M	2560	21350	QPSK	1	99	Band 12	10M	737.5	5095	22.54	22.68
	Band 12	10M	704	23060	QPSK	1	49	Band 7	20M	2655	3100	22.34	22.42
CA_7A-13A	Band 7	20M	2560	21350	QPSK	1	99	Band 13	10M	751	5230	22.66	22.68
	Band 13	10M	782	23230	QPSK	1	24	Band 7	20M	2655	3100	22.41	22.57
CA_7A-26A	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	22.49	22.68
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655	3100	22.07	22.21
CA_7A-66A	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	22.65	22.68
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	22.41	22.53
CA_7A-71A	Band 7	20M	2560	21350	QPSK	1	99	Band 71	20M	683	68786	22.54	22.68
	Band 71	20M	673	133222	QPSK	1	0	Band 7	20M	2655	3100	22.24	22.37
CA_7B	Band 7	15M	2562.5	21375	QPSK	1	99	Band 7	5M	2678.2	3332	22.63	22.68
CA_7C	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	22.59	22.68
CA_12A-12A	Band 12	5M	701.5	23035	QPSK	1	24	Band 12	5M	743.5	5155	22.29	22.42
CA_12A-25A	Band 12	10M	704	23060	QPSK	1	49	Band 25	20M	1962.5	8365	22.27	22.42
	Band 25	20M	1880	26340	QPSK	1	0	Band 12	10M	737.5	5095	22.54	22.56
CA_12A-30A	Band 12	10M	704	23060	QPSK	1	49	Band 30	10M	2355	9820	22.29	22.42
	Band 30	10M	2310	27710	QPSK	1	24	Band 12	10M	737.5	5095	23.05	23.16
CA_12B	Band 12	5M	701.5	23035	QPSK	1	24	Band 12	10M	741.2	5132	22.41	22.42
CA_25A-25A	Band 25	20M	1880	26340	QPSK	1	0	Band 25	5M	1992.5	8665	22.52	22.56
CA_25A-26A	Band 25	20M	1880	26340	QPSK	1	0	Band 26	15M	876.5	8865	22.46	22.56
	Band 26	15M	821.5	26765	QPSK	1	0	Band 25	20M	1962.5	8365	22.17	22.21
CA_25A-41A	Band 25	20M	1880	26340	QPSK	1	0	Band 41	20M	2593	40620	22.44	22.56
	Band 41	20M	2680	41490	QPSK	1	0	Band 25	20M	1962.5	8365	23.15	23.3
CA_30A-66A	Band 30	10M	2310	27710	QPSK	1	24	Band 66	20M	2155	66886	23.12	23.16
	Band 66	20M	1745	132322	QPSK	1	0	Band 30	10M	2355	9820	22.34	22.53
CA_38C	Band 38	20M	2610	38150	QPSK	1	50	Band 38	20M	2590.2	37952	22.65	22.79
CA_41C	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	23.26	23.3
CA_41A-41A	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	23.21	23.3
CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979	22.49	22.53
CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	22.37	22.53
CA_48A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 48	20M	3609	55830	22.28	22.37
CA_48B	Band 48	20M	3609	55830	QPSK	1	50	Band 48	5M	3697.5	56715	23.02	23.05
CA_48C	Band 48	20M	3609	55830	QPSK	1	50	Band 48	20M	3628.8	56028	23.02	23.05

3CA DL

Configure	PCC							SCC1				SCC2				Power	
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-2A-13A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 13	10M	751	5230	22.43	22.56
	Band 13	10M	782	23230	QPSK	1	24	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	22.49	22.57
CA_2A-2A-71A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	683	68786	22.41	22.56
	Band 71	20M	673	133222	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	22.29	22.37
CA_2A-4A-13A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	Band 13	10M	751	5230	22.37	22.56
	Band 4	20M	1720	20050	QPSK	1	0	Band 13	10M	751	5230	Band 2	20M	1960	900	22.38	22.57
	Band 13	10M	782	23230	QPSK	1	24	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.44	22.57
CA_2A-4A-71A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	Band 71	20M	683	68786	22.45	22.56
	Band 4	20M	1720	20050	QPSK	1	0	Band 30	10M	2355	9820	Band 71	20M	683	68786	22.43	22.57
	Band 71	20M	673	133222	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.18	22.37
CA_2A-5A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	Band 5	5M	891.5	2625	22.49	22.56
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	891.5	2625	Band 2	20M	1960	900	22.54	22.66
CA_2A-5A-48A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	Band 48	20M	3609	55830	22.36	22.56
	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3609	55830	Band 2	20M	1960	900	22.59	22.66
CA_2A-13A-48A	Band 2	20M	1860	18700	QPSK	1	0	Band 13	10M	751	5230	Band 66	20M	2155	66886	22.49	22.56
	Band 13	10M	782	23230	QPSK	1	24	Band 48	20M	3609	55830	Band 2	20M	1960	900	22.47	22.57
CA_2A-13A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 13	10M	751	5230	Band 66	20M	2155	66886	22.52	22.56
	Band 13	10M	782	23230	QPSK	1	24	Band 66	20M	2155	66886	Band 2	20M	1960	900	22.4	22.57
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 13	10M	751	5230	22.47	22.53
CA_2A-48A-48A	Band 2	20M	1860	18700	QPSK	1	0	Band 48	20M	3609	55830	Band 48	5M	3697.5	56715	22.42	22.56
CA_2A-66A-71A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155	66886	Band 71	20M	683	68786	22.37	22.56
	Band 66	10M	1745	132322	QPSK	1	0	Band 71	20M	683	68786	Band 2	20M	1960	900	22.39	22.53
	Band 71	20M	673	133222	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2155	66886	22.18	22.37
CA_2A-5B	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	Band 5	10M	891.4	2624	22.5	22.56
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	879.1	2501	Band 2	20M	1960	900	22.48	22.66
CA_2C-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	20M	1979.8	1098	Band 5	10M	891.4	2624	22.36	22.56
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	Band 2	20M	1979.8	1098	22.52	22.66
CA_4A-4A-13A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 13	10M	751	5230	22.41	22.57
	Band 13	10M	782	23230	QPSK	1	24	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	22.56	22.57
CA_5A-48A-66A	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3609	55830	Band 66	20M	2155	66886	22.57	22.66
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 48	20M	3609	55830	22.41	22.53
CA_5A-5A-66A	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	891.5	2625	Band 66	20M	2155	66886	22.46	22.66
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 5	5M	891.5	2625	22.5	22.53
CA_5A-66A-66A	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.55	22.66
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	22.5	22.53
CA_13A-48A-48A	Band 13	10M	782	23230	QPSK	1	24	Band 48	20M	3609	55830	Band 48	5M	3697.5	56715	22.57	22.57
CA_48A-48A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 48	20M	3609	55830	Band 48	5M	3697.5	56715	22.36	22.53
CA_48A-66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 48	20M	3609	55830	22.4	22.53
CA_48D	Band 48	20M	3609	55830	QPSK	1	50	Band 48	20M	3628.8	56028	Band 48	20M	3648.6	56226	22.99	23.05
CA_66A-66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 66	20M	2120	66536	22.52	22.53

4CA DL

Configure	PCC							SCC1				SCC2				SCC3				Power	
	LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A-4A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.37	22.56
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	Band 5	10M	881.5	2525	22.52	22.57
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	22.6	22.66
CA_2A-2A-5A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	22.55	22.56
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	Band 66	20M	2155	2525	22.46	22.66
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	Band 5	10M	881.5	2525	22.36	22.53
CA_2A-4A-4A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	22.44	22.56
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	Band 2	20M	1960	900	22.45	22.57
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	22.62	22.66
CA_2A-4A-4A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.47	22.56
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	Band 2	20M	1960	900	22.44	22.57
	Band 12	10M	704	23060	QPSK	1	49	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	22.41	22.42
CA_2A-12A-66A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.49	22.56
	Band 12	10M	704	23060	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 2	20M	1960	900	22.38	22.42
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960	900	Band 12	10M	737.5	5095	22.34	22.53
CA_2A-13A-66A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 13	10M	751	5230	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.36	22.56
	Band 13	10M	782	23230	QPSK	1	24	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 2	20M	1960	900	22.42	22.57
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960	900	Band 13	10M	751	5230	22.42	22.53
CA_2A-14A-66A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 14	10M	763	5330	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.5	22.56
	Band 14	10M	793	23330	QPSK	1	24	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 2	20M	1960	900	22.63	22.71
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960	900	Band 14	10M	763	5330	22.33	22.53

DSI1 Power

Band	GSM850 (Ant0)				GSM1900 (Ant0)			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	**31.77**	31.70	31.68	33.50	28.94	**29.06**	29.03	30.50
GPRS 1Tx Slot	31.75	31.69	31.67	33.50	28.93	29.05	29.01	30.50
GPRS 2Tx Slot	29.54	29.77	29.54	31.50	27.09	26.94	26.97	28.50
GPRS 3Tx Slot	27.58	27.75	27.57	29.50	25.12	25.05	24.95	26.50
GPRS 4Tx Slot	25.56	25.73	25.58	27.50	22.75	22.90	22.93	24.50
EDGE 1Tx Slot	26.22	26.10	26.18	27.50	25.47	25.46	25.27	26.50
EDGE 2Tx Slot	25.01	24.98	24.82	26.50	24.04	24.29	24.06	25.50
EDGE 3Tx Slot	23.84	23.66	23.86	25.50	22.90	23.17	22.98	24.50
EDGE 4Tx Slot	22.79	22.86	22.82	24.50	21.86	22.06	22.00	23.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	22.77	22.70	22.68	24.50	19.94	20.06	20.03	21.50
GPRS 1Tx Slot	22.75	22.69	22.67	24.50	19.93	20.05	20.01	21.50
GPRS 2Tx Slot	23.54	23.77	23.54	25.50	21.09	20.94	20.97	22.50
GPRS 3Tx Slot	23.32	23.49	23.31	25.24	20.86	20.79	20.69	22.24
GPRS 4Tx Slot	22.56	22.73	22.58	24.50	19.75	19.90	19.93	21.50
EDGE 1Tx Slot	17.22	17.10	17.18	18.50	16.47	16.46	16.27	17.50
EDGE 2Tx Slot	19.01	18.98	18.82	20.50	18.04	18.29	18.06	19.50
EDGE 3Tx Slot	19.58	19.40	19.60	21.24	18.64	18.91	18.72	20.24
EDGE 4Tx Slot	19.79	19.86	19.82	21.50	18.86	19.06	19.00	20.50

Band	WCDMA II (Ant0)			WCDMA II	WCDMA IV (Ant0)			WCDMA IV	WCDMA V (Ant0)			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	**22.98**	22.97	22.87	**24.00**	22.85	**22.86**	22.83	**24.00**	22.87	**22.94**	22.88	**24.00**
HSDPA Subtest-1	22.06	22.02	22.05	23.00	21.89	21.89	21.90	23.00	21.95	21.91	21.91	23.00
HSDPA Subtest-2	21.96	22.06	21.97	23.00	21.82	21.88	21.86	23.00	21.93	21.88	21.99	23.00
HSDPA Subtest-3	21.55	21.49	21.36	22.50	21.30	21.35	21.33	22.50	21.42	21.40	21.46	22.50
HSDPA Subtest-4	21.51	21.50	21.46	22.50	21.41	21.44	21.41	22.50	21.45	21.47	21.35	22.50
DC-HSDPA Subtest-1	22.04	22.04	21.96	23.00	21.86	21.92	21.90	23.00	21.96	21.82	21.99	23.00
DC-HSDPA Subtest-2	22.00	22.06	22.03	23.00	21.87	21.87	21.83	23.00	21.89	21.89	21.94	23.00
DC-HSDPA Subtest-3	21.54	21.56	21.34	22.50	21.35	21.38	21.41	22.50	21.33	21.41	21.43	22.50
DC-HSDPA Subtest-4	21.54	21.42	21.35	22.50	21.40	21.45	21.35	22.50	21.36	21.39	21.38	22.50
HSUPA Subtest-1	21.97	22.02	21.85	23.00	21.90	21.87	21.90	23.00	21.95	21.98	21.94	23.00
HSUPA Subtest-2	19.94	20.04	19.82	21.00	19.86	19.81	19.84	21.00	19.92	19.93	19.95	21.00
HSUPA Subtest-3	21.03	20.95	20.93	22.00	20.80	20.94	20.82	22.00	20.84	20.92	20.89	22.00
HSUPA Subtest-4	20.00	20.03	19.82	21.00	19.93	19.85	19.86	21.00	19.96	19.99	19.93	21.00
HSUPA Subtest-5	22.06	22.04	21.95	23.00	21.82	21.86	21.87	23.00	21.85	22.00	21.84	23.00
HSPA+ Subtest-1	19.50	19.44	19.36	20.50	19.36	19.38	19.41	20.50	19.34	19.44	19.40	20.50

LTE Band 2 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.56**	22.52	22.42	0	24
		1	50	22.46	22.45	22.33	0	24
		1	99	22.28	22.32	22.30	0	24
		50	0	21.59	21.49	21.41	1	23
		50	25	21.64	21.53	21.58	1	23
		50	50	21.62	21.50	21.55	1	23
		100	0	21.59	21.48	21.52	1	23
	16QAM	1	0	21.54	21.51	21.48	1	23
		1	50	21.57	21.56	21.48	1	23
		1	99	21.49	21.45	21.32	1	23
		50	0	20.54	20.52	20.49	2	22
		50	25	20.62	20.56	20.48	2	22
		50	50	20.52	20.59	20.43	2	22
		100	0	20.66	20.58	20.57	2	22
	64QAM	1	0	20.59	20.57	20.52	2	22
		1	50	20.49	20.47	20.42	2	22
		1	99	20.48	20.50	20.35	2	22
		50	0	19.52	19.50	19.46	3	21
		50	25	19.68	19.63	19.52	3	21
		50	50	19.53	19.53	19.43	3	21
		100	0	19.68	19.49	19.46	3	21
	256QAM	1	0	17.56	17.45	17.49	5	19
		1	50	17.42	17.42	17.33	5	19
		1	99	17.41	17.48	17.22	5	19
		50	0	17.43	17.36	17.37	5	19
		50	25	17.67	17.48	17.46	5	19
		50	50	17.42	17.49	17.33	5	19
		100	0	17.56	17.40	17.38	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.53	22.43	22.35	0	24
		1	37	22.38	22.41	22.31	0	24
		1	74	22.27	22.18	22.23	0	24
		36	0	21.48	21.45	21.40	1	23
		36	19	21.59	21.49	21.43	1	23
		36	39	21.50	21.38	21.46	1	23
		75	0	21.44	21.35	21.45	1	23
	16QAM	1	0	21.46	21.45	21.35	1	23
		1	37	21.56	21.54	21.38	1	23
		1	74	21.44	21.34	21.29	1	23
		36	0	20.49	20.39	20.34	2	22
		36	19	20.53	20.51	20.33	2	22
		36	39	20.37	20.48	20.38	2	22
		75	0	20.64	20.54	20.49	2	22
	64QAM	1	0	20.44	20.51	20.42	2	22
		1	37	20.35	20.37	20.36	2	22
		1	74	20.47	20.40	20.33	2	22
		36	0	19.41	19.48	19.40	3	21
		36	19	19.57	19.52	19.38	3	21
		36	39	19.38	19.49	19.35	3	21
		75	0	19.57	19.42	19.39	3	21
	256QAM	1	0	17.53	17.40	17.45	5	19
		1	37	17.40	17.33	17.18	5	19
		1	74	17.33	17.36	17.18	5	19
		36	0	17.35	17.28	17.30	5	19
		36	19	17.57	17.47	17.39	5	19
		36	39	17.38	17.35	17.19	5	19
		75	0	17.44	17.34	17.35	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.47	22.49	22.30	0	24
		1	24	22.44	22.32	22.23	0	24
		1	49	22.19	22.17	22.16	0	24
		25	0	21.57	21.38	21.33	1	23
		25	12	21.63	21.48	21.51	1	23
		25	25	21.60	21.40	21.41	1	23
		50	0	21.44	21.45	21.46	1	23
	16QAM	1	0	21.45	21.40	21.33	1	23
		1	24	21.55	21.45	21.46	1	23
		1	49	21.43	21.38	21.30	1	23
		25	0	20.44	20.43	20.38	2	22
		25	12	20.52	20.44	20.39	2	22
		25	25	20.41	20.54	20.37	2	22
		50	0	20.56	20.46	20.54	2	22
	64QAM	1	0	20.48	20.46	20.38	2	22
		1	24	20.45	20.41	20.32	2	22
		1	49	20.34	20.47	20.20	2	22
		25	0	19.40	19.42	19.33	3	21
		25	12	19.65	19.61	19.39	3	21
		25	25	19.47	19.46	19.41	3	21
		50	0	19.54	19.35	19.37	3	21
	256QAM	1	0	17.54	17.39	17.41	5	19
		1	24	17.37	17.37	17.25	5	19
		1	49	17.37	17.39	17.07	5	19
		25	0	17.39	17.29	17.36	5	19
		25	12	17.61	17.35	17.45	5	19
		25	25	17.32	17.46	17.21	5	19
		50	0	17.41	17.37	17.30	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.42	22.50	22.38	0	24
		1	12	22.38	22.38	22.29	0	24
		1	24	22.21	22.31	22.18	0	24
		12	0	21.54	21.45	21.31	1	23
		12	6	21.52	21.44	21.44	1	23
		12	13	21.57	21.40	21.52	1	23
		25	0	21.48	21.36	21.43	1	23
	16QAM	1	0	21.48	21.48	21.36	1	23
		1	12	21.45	21.48	21.47	1	23
		1	24	21.36	21.31	21.24	1	23
		12	0	20.51	20.39	20.40	2	22
		12	6	20.51	20.46	20.36	2	22
		12	13	20.45	20.44	20.33	2	22
		25	0	20.61	20.56	20.54	2	22
	64QAM	1	0	20.44	20.50	20.43	2	22
		1	12	20.37	20.40	20.35	2	22
		1	24	20.44	20.38	20.31	2	22
		12	0	19.44	19.48	19.33	3	21
		12	6	19.54	19.53	19.50	3	21
		12	13	19.48	19.42	19.40	3	21
		25	0	19.65	19.37	19.44	3	21
	256QAM	1	0	17.46	17.34	17.45	5	19
		1	12	17.35	17.37	17.26	5	19
		1	24	17.28	17.47	17.17	5	19
		12	0	17.36	17.27	17.26	5	19
		12	6	17.61	17.33	17.36	5	19
		12	13	17.37	17.34	17.25	5	19
		25	0	17.54	17.30	17.35	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.43	22.42	22.36	0	24
		1	7	22.43	22.33	22.25	0	24
		1	14	22.19	22.22	22.27	0	24
		8	0	21.51	21.47	21.26	1	23
		8	3	21.49	21.46	21.54	1	23
		8	7	21.55	21.42	21.46	1	23
		15	0	21.55	21.39	21.49	1	23
	16QAM	1	0	21.53	21.44	21.36	1	23
		1	7	21.55	21.43	21.46	1	23
		1	14	21.48	21.44	21.17	1	23
		8	0	20.52	20.43	20.38	2	22
		8	3	20.51	20.44	20.43	2	22
		8	7	20.49	20.54	20.34	2	22
		15	0	20.64	20.50	20.44	2	22
	64QAM	1	0	20.48	20.49	20.41	2	22
		1	7	20.48	20.43	20.32	2	22
		1	14	20.41	20.42	20.28	2	22
		8	0	19.39	19.45	19.31	3	21
		8	3	19.58	19.59	19.37	3	21
		8	7	19.43	19.51	19.36	3	21
		15	0	19.54	19.46	19.37	3	21
	256QAM	1	0	17.55	17.39	17.36	5	19
		1	7	17.31	17.36	17.28	5	19
		1	14	17.33	17.36	17.09	5	19
		8	0	17.28	17.27	17.32	5	19
		8	3	17.58	17.35	17.44	5	19
		8	7	17.36	17.41	17.25	5	19
		15	0	17.47	17.28	17.23	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.41	22.46	22.38	0	24
		1	2	22.45	22.43	22.27	0	24
		1	5	22.20	22.28	22.23	0	24
		3	0	22.27	22.14	22.19	0	24
		3	1	22.41	22.27	22.37	0	24
		3	3	22.35	22.24	22.29	0	24
		6	0	21.48	21.34	21.42	1	23
	16QAM	1	0	21.53	21.47	21.44	1	23
		1	2	21.47	21.41	21.40	1	23
		1	5	21.38	21.34	21.18	1	23
		3	0	21.42	21.51	21.42	1	23
		3	1	21.49	21.45	21.45	1	23
		3	3	21.47	21.51	21.34	1	23
		6	0	20.55	20.44	20.48	2	22
	64QAM	1	0	20.49	20.53	20.37	2	22
		1	2	20.43	20.34	20.32	2	22
		1	5	20.44	20.43	20.25	2	22
		3	0	20.49	20.42	20.32	2	22
		3	1	20.53	20.49	20.44	2	22
		3	3	20.49	20.40	20.38	2	22
		6	0	19.66	19.37	19.42	3	21
	256QAM	1	0	17.48	17.31	17.39	5	19
		1	2	17.30	17.35	17.24	5	19
		1	5	17.38	17.47	17.21	5	19
		3	0	17.40	17.27	17.26	5	19
		3	1	17.54	17.33	17.44	5	19
		3	3	17.40	17.34	17.26	5	19
		6	0	17.47	17.35	17.35	5	19

LTE Band 4 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	**22.57**	22.47	22.50	0	24
		1	50	22.39	22.42	22.45	0	24
		1	99	22.35	22.44	22.37	0	24
		50	0	21.45	21.35	21.43	1	23
		50	25	21.58	21.47	21.53	1	23
		50	50	21.52	21.52	21.47	1	23
		100	0	21.49	21.54	21.51	1	23
	16QAM	1	0	21.70	21.60	21.73	1	23
		1	50	21.55	21.46	21.43	1	23
		1	99	21.61	21.52	21.55	1	23
		50	0	20.45	20.50	20.42	2	22
		50	25	20.55	20.57	20.58	2	22
		50	50	20.57	20.51	20.45	2	22
		100	0	20.51	20.50	20.54	2	22
	64QAM	1	0	20.62	20.61	20.61	2	22
		1	50	20.52	20.50	20.54	2	22
		1	99	20.65	20.48	20.63	2	22
		50	0	19.57	19.50	19.52	3	21
		50	25	19.51	19.47	19.43	3	21
		50	50	19.53	19.44	19.51	3	21
		100	0	19.58	19.58	19.47	3	21
	256QAM	1	0	17.58	17.60	17.56	5	19
		1	50	17.45	17.46	17.53	5	19
		1	99	17.62	17.46	17.60	5	19
		50	0	17.42	17.37	17.51	5	19
		50	25	17.42	17.33	17.37	5	19
		50	50	17.44	17.32	17.38	5	19
		100	0	17.55	17.54	17.43	5	19
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	22.42	22.44	22.36	0	24
		1	37	22.37	22.34	22.31	0	24
		1	74	22.22	22.41	22.33	0	24
		36	0	21.43	21.25	21.34	1	23
		36	19	21.48	21.35	21.46	1	23
		36	39	21.40	21.44	21.35	1	23
		75	0	21.44	21.42	21.37	1	23
	16QAM	1	0	21.69	21.50	21.60	1	23
		1	37	21.43	21.43	21.41	1	23
		1	74	21.49	21.51	21.43	1	23
		36	0	20.42	20.39	20.39	2	22
		36	19	20.51	20.42	20.48	2	22
		36	39	20.47	20.37	20.34	2	22
		75	0	20.50	20.49	20.46	2	22
	64QAM	1	0	20.54	20.59	20.58	2	22
		1	37	20.44	20.42	20.41	2	22
		1	74	20.63	20.34	20.59	2	22
		36	0	19.50	19.44	19.38	3	21
		36	19	19.42	19.39	19.36	3	21
		36	39	19.41	19.39	19.36	3	21
		75	0	19.52	19.46	19.42	3	21
	256QAM	1	0	17.50	17.49	17.52	5	19
		1	37	17.41	17.43	17.46	5	19
		1	74	17.54	17.33	17.58	5	19
		36	0	17.40	17.34	17.40	5	19
		36	19	17.28	17.25	17.28	5	19
		36	39	17.41	17.18	17.23	5	19
		75	0	17.49	17.53	17.42	5	19
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	22.51	22.43	22.35	0	24
		1	24	22.30	22.33	22.31	0	24
		1	49	22.20	22.41	22.29	0	24
		25	0	21.40	21.23	21.35	1	23
		25	12	21.44	21.34	21.38	1	23
		25	25	21.48	21.39	21.32	1	23
		50	0	21.42	21.46	21.40	1	23
	16QAM	1	0	21.59	21.48	21.64	1	23
		1	24	21.51	21.42	21.31	1	23
		1	49	21.46	21.43	21.46	1	23
		25	0	20.43	20.37	20.38	2	22
		25	12	20.41	20.43	20.48	2	22
		25	25	20.50	20.49	20.33	2	22
		50	0	20.46	20.40	20.44	2	22
	64QAM	1	0	20.49	20.50	20.53	2	22
		1	24	20.43	20.37	20.44	2	22
		1	49	20.56	20.35	20.49	2	22
		25	0	19.54	19.42	19.44	3	21
		25	12	19.41	19.38	19.42	3	21
		25	25	19.39	19.39	19.40	3	21
		50	0	19.55	19.53	19.36	3	21
	256QAM	1	0	17.55	17.59	17.50	5	19
		1	24	17.31	17.42	17.45	5	19
		1	49	17.61	17.34	17.57	5	19
		25	0	17.38	17.31	17.50	5	19
		25	12	17.38	17.32	17.33	5	19
		25	25	17.43	17.17	17.37	5	19
		50	0	17.54	17.43	17.28	5	19
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	22.54	22.33	22.47	0	24
		1	12	22.24	22.31	22.39	0	24
		1	24	22.24	22.41	22.35	0	24
		12	0	21.39	21.23	21.38	1	23
		12	6	21.54	21.42	21.42	1	23
		12	13	21.51	21.40	21.46	1	23
		25	0	21.37	21.45	21.36	1	23
	16QAM	1	0	21.63	21.51	21.59	1	23
		1	12	21.47	21.34	21.40	1	23
		1	24	21.49	21.45	21.48	1	23
		12	0	20.39	20.44	20.32	2	22
		12	6	20.50	20.42	20.53	2	22
		12	13	20.53	20.50	20.30	2	22
		25	0	20.41	20.35	20.51	2	22
	64QAM	1	0	20.51	20.50	20.59	2	22
		1	12	20.42	20.43	20.42	2	22
		1	24	20.63	20.39	20.59	2	22
		12	0	19.51	19.44	19.37	3	21
		12	6	19.50	19.45	19.38	3	21
		12	13	19.48	19.31	19.36	3	21
		25	0	19.55	19.52	19.43	3	21
	256QAM	1	0	17.48	17.53	17.52	5	19
		1	12	17.43	17.44	17.51	5	19
		1	24	17.61	17.45	17.46	5	19
		12	0	17.34	17.36	17.50	5	19
		12	6	17.34	17.29	17.31	5	19
		12	13	17.43	17.23	17.30	5	19
		25	0	17.54	17.45	17.41	5	19
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	22.56	22.46	22.37	0	24
		1	7	22.35	22.40	22.41	0	24
		1	14	22.31	22.35	22.30	0	24
		8	0	21.33	21.34	21.31	1	23
		8	3	21.45	21.32	21.49	1	23
		8	7	21.43	21.38	21.34	1	23
		15	0	21.34	21.40	21.45	1	23
	16QAM	1	0	21.69	21.48	21.60	1	23
		1	7	21.45	21.34	21.36	1	23
		1	14	21.56	21.49	21.52	1	23
		8	0	20.38	20.36	20.30	2	22
		8	3	20.54	20.42	20.44	2	22
		8	7	20.44	20.43	20.44	2	22
		15	0	20.46	20.38	20.46	2	22
	64QAM	1	0	20.57	20.53	20.58	2	22
		1	7	20.42	20.49	20.51	2	22
		1	14	20.63	20.39	20.51	2	22
		8	0	19.43	19.35	19.48	3	21
		8	3	19.50	19.33	19.39	3	21
		8	7	19.39	19.29	19.43	3	21
		15	0	19.43	19.55	19.34	3	21
	256QAM	1	0	17.43	17.53	17.55	5	19
		1	7	17.31	17.38	17.46	5	19
		1	14	17.61	17.44	17.54	5	19
		8	0	17.32	17.34	17.44	5	19
		8	3	17.35	17.31	17.29	5	19
		8	7	17.43	17.28	17.34	5	19
		15	0	17.42	17.49	17.34	5	19
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	22.52	22.35	22.44	0	24
		1	2	22.34	22.41	22.35	0	24
		1	5	22.26	22.31	22.33	0	24
		3	0	22.10	22.14	22.11	0	24
		3	1	22.34	22.13	22.19	0	24
		3	3	22.29	22.30	22.25	0	24
		6	0	21.41	21.41	21.46	1	23
	16QAM	1	0	21.61	21.53	21.60	1	23
		1	2	21.51	21.42	21.30	1	23
		1	5	21.57	21.38	21.45	1	23
		3	0	21.32	21.49	21.31	1	23
		3	1	21.45	21.55	21.49	1	23
		3	3	21.49	21.42	21.43	1	23
		6	0	20.49	20.38	20.44	2	22
	64QAM	1	0	20.48	20.52	20.52	2	22
		1	2	20.40	20.45	20.47	2	22
		1	5	20.61	20.34	20.55	2	22
		3	0	20.54	20.48	20.42	2	22
		3	1	20.46	20.46	20.38	2	22
		3	3	20.47	20.29	20.37	2	22
		6	0	19.46	19.56	19.46	3	21
	256QAM	1	0	17.52	17.51	17.43	5	19
		1	2	17.43	17.44	17.44	5	19
		1	5	17.61	17.43	17.50	5	19
		3	0	17.40	17.33	17.48	5	19
		3	1	17.28	17.25	17.28	5	19
		3	3	17.34	17.25	17.31	5	19
		6	0	17.49	17.40	17.33	5	19

LTE Band 5 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	22.49	22.55	**22.66**	0	24
		1	24	22.58	22.45	22.49	0	24
		1	49	22.46	22.48	22.58	0	24
		25	0	21.57	21.49	21.57	1	23
		25	12	21.54	21.61	21.62	1	23
		25	25	21.65	21.53	21.61	1	23
		50	0	21.65	21.63	21.58	1	23
	16QAM	1	0	21.79	21.73	21.77	1	23
		1	24	21.70	21.61	21.67	1	23
		1	49	21.67	21.66	21.67	1	23
		25	0	20.52	20.53	20.59	2	22
		25	12	20.68	20.53	20.65	2	22
		25	25	20.70	20.67	20.73	2	22
		50	0	20.63	20.56	20.60	2	22
	64QAM	1	0	20.63	20.66	20.76	2	22
		1	24	20.67	20.73	20.76	2	22
		1	49	20.61	20.60	20.56	2	22
		25	0	19.58	19.59	19.69	3	21
		25	12	19.61	19.59	19.60	3	21
		25	25	19.57	19.60	19.62	3	21
		50	0	19.48	19.48	19.58	3	21
	256QAM	1	0	17.61	17.62	17.71	5	19
		1	24	17.57	17.65	17.64	5	19
		1	49	17.49	17.52	17.42	5	19
		25	0	17.50	17.57	17.62	5	19
		25	12	17.46	17.49	17.55	5	19
		25	25	17.51	17.48	17.59	5	19
		50	0	17.41	17.42	17.45	5	19
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	22.35	22.51	22.61	0	24
		1	12	22.55	22.31	22.48	0	24
		1	24	22.32	22.39	22.47	0	24
		12	0	21.56	21.48	21.46	1	23
		12	6	21.43	21.55	21.51	1	23
		12	13	21.51	21.52	21.48	1	23
		25	0	21.55	21.50	21.57	1	23
	16QAM	1	0	21.76	21.58	21.73	1	23
		1	12	21.60	21.50	21.58	1	23
		1	24	21.66	21.56	21.63	1	23
		12	0	20.46	20.44	20.56	2	22
		12	6	20.65	20.42	20.60	2	22
		12	13	20.60	20.59	20.63	2	22
		25	0	20.52	20.49	20.59	2	22
	64QAM	1	0	20.56	20.57	20.68	2	22
		1	12	20.53	20.69	20.70	2	22
		1	24	20.59	20.46	20.52	2	22
		12	0	19.51	19.57	19.64	3	21
		12	6	19.52	19.48	19.50	3	21
		12	13	19.48	19.58	19.49	3	21
		25	0	19.38	19.38	19.45	3	21
	256QAM	1	0	17.58	17.51	17.57	5	19
		1	12	17.48	17.61	17.51	5	19
		1	24	17.42	17.42	17.29	5	19
		12	0	17.45	17.48	17.57	5	19
		12	6	17.32	17.39	17.42	5	19
		12	13	17.42	17.42	17.47	5	19
		25	0	17.35	17.34	17.41	5	19
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	22.40	22.51	22.60	0	24
		1	7	22.44	22.36	22.38	0	24
		1	14	22.35	22.44	22.44	0	24
		8	0	21.42	21.46	21.42	1	23
		8	3	21.42	21.58	21.54	1	23
		8	7	21.57	21.46	21.54	1	23
		15	0	21.63	21.55	21.57	1	23
	16QAM	1	0	21.71	21.72	21.67	1	23
		1	7	21.58	21.50	21.55	1	23
		1	14	21.62	21.58	21.59	1	23
		8	0	20.50	20.50	20.53	2	22
		8	3	20.60	20.47	20.56	2	22
		8	7	20.58	20.66	20.70	2	22
		15	0	20.50	20.42	20.58	2	22
	64QAM	1	0	20.57	20.55	20.66	2	22
		1	7	20.61	20.59	20.72	2	22
		1	14	20.54	20.48	20.55	2	22
		8	0	19.45	19.54	19.60	3	21
		8	3	19.50	19.50	19.58	3	21
		8	7	19.50	19.47	19.49	3	21
		15	0	19.33	19.33	19.44	3	21
	256QAM	1	0	17.58	17.54	17.57	5	19
		1	7	17.46	17.53	17.61	5	19
		1	14	17.34	17.44	17.41	5	19
		8	0	17.45	17.51	17.48	5	19
		8	3	17.38	17.36	17.52	5	19
		8	7	17.42	17.46	17.50	5	19
		15	0	17.39	17.35	17.39	5	19
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	22.37	22.45	22.64	0	24
		1	2	22.48	22.36	22.46	0	24
		1	5	22.43	22.46	22.49	0	24
		3	0	22.34	22.24	22.35	0	24
		3	1	22.19	22.26	22.37	0	24
		3	3	22.32	22.23	22.40	0	24
		6	0	21.61	21.60	21.51	1	23
	16QAM	1	0	21.78	21.68	21.76	1	23
		1	2	21.62	21.47	21.63	1	23
		1	5	21.64	21.65	21.53	1	23
		3	0	21.45	21.46	21.46	1	23
		3	1	21.62	21.43	21.61	1	23
		3	3	21.63	21.55	21.60	1	23
		6	0	20.57	20.43	20.58	2	22
	64QAM	1	0	20.55	20.51	20.71	2	22
		1	2	20.54	20.60	20.67	2	22
		1	5	20.58	20.46	20.44	2	22
		3	0	20.47	20.52	20.65	2	22
		3	1	20.46	20.50	20.49	2	22
		3	3	20.43	20.54	20.47	2	22
		6	0	19.34	19.45	19.56	3	21
	256QAM	1	0	17.57	17.49	17.63	5	19
		1	2	17.49	17.55	17.54	5	19
		1	5	17.34	17.42	17.37	5	19
		3	0	17.46	17.53	17.48	5	19
		3	1	17.31	17.47	17.47	5	19
		3	3	17.40	17.37	17.45	5	19
		6	0	17.40	17.38	17.30	5	19

LTE Band 7 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.37	22.50	22.44	0	24
		1	50	22.45	22.55	22.52	0	24
		1	99	22.49	22.57	**22.68**	0	24
		50	0	21.46	21.45	21.53	1	23
		50	25	21.48	21.53	21.68	1	23
		50	50	21.60	21.65	21.63	1	23
		100	0	21.44	21.49	21.57	1	23
	16QAM	1	0	21.64	21.76	21.80	1	23
		1	50	21.78	21.81	21.83	1	23
		1	99	21.74	21.82	21.90	1	23
		50	0	20.52	20.54	20.52	2	22
		50	25	20.48	20.55	20.60	2	22
		50	50	20.59	20.78	20.70	2	22
		100	0	20.53	20.60	20.63	2	22
	64QAM	1	0	20.50	20.51	20.57	2	22
		1	50	20.57	20.71	20.78	2	22
		1	99	20.68	20.76	20.71	2	22
		50	0	19.50	19.59	19.55	3	21
		50	25	19.50	19.66	19.60	3	21
		50	50	19.65	19.70	19.75	3	21
		100	0	19.56	19.65	19.57	3	21
	256QAM	1	0	17.42	17.37	17.59	5	19
		1	50	17.45	17.64	17.61	5	19
		1	99	17.36	17.53	17.61	5	19
		50	0	16.20	16.35	16.42	5	19
		50	25	16.55	16.49	16.53	5	19
		50	50	16.47	16.44	16.47	5	19
		100	0	16.36	16.37	16.39	5	19

BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.31	22.42	22.40	0	24
		1	37	22.37	22.42	22.48	0	24
		1	74	22.44	22.44	22.57	0	24
		36	0	21.32	21.32	21.43	1	23
		36	19	21.37	21.47	21.53	1	23
		36	39	21.48	21.60	21.62	1	23
		75	0	21.38	21.34	21.53	1	23
	16QAM	1	0	21.59	21.71	21.77	1	23
		1	37	21.74	21.80	21.74	1	23
		1	74	21.69	21.70	21.81	1	23
		36	0	20.45	20.51	20.40	2	22
		36	19	20.43	20.44	20.57	2	22
		36	39	20.53	20.75	20.55	2	22
		75	0	20.39	20.49	20.59	2	22
	64QAM	1	0	20.48	20.43	20.54	2	22
		1	37	20.43	20.67	20.65	2	22
		1	74	20.59	20.74	20.61	2	22
		36	0	19.36	19.58	19.46	3	21
		36	19	19.35	19.55	19.52	3	21
		36	39	19.59	19.61	19.73	3	21
		75	0	19.52	19.55	19.48	3	21
	256QAM	1	0	17.29	17.32	17.54	5	19
		1	37	17.39	17.51	17.56	5	19
		1	74	17.27	17.43	17.52	5	19
		36	0	16.17	16.34	16.32	5	19
		36	19	16.43	16.39	16.41	5	19
		36	39	16.44	16.31	16.34	5	19
		75	0	16.34	16.24	16.24	5	19

BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.31	22.43	22.32	0	24
		1	24	22.40	22.41	22.51	0	24
		1	49	22.47	22.49	22.60	0	24
		25	0	21.34	21.39	21.43	1	23
		25	12	21.46	21.47	21.61	1	23
		25	25	21.46	21.55	21.53	1	23
		50	0	21.32	21.45	21.54	1	23
	16QAM	1	0	21.59	21.71	21.67	1	23
		1	24	21.71	21.66	21.76	1	23
		1	49	21.69	21.77	21.80	1	23
		25	0	20.45	20.50	20.41	2	22
		25	12	20.45	20.54	20.54	2	22
		25	25	20.46	20.70	20.63	2	22
		50	0	20.40	20.59	20.49	2	22
	64QAM	1	0	20.49	20.45	20.43	2	22
		1	24	20.46	20.62	20.67	2	22
		1	49	20.57	20.65	20.58	2	22
		25	0	19.41	19.44	19.52	3	21
		25	12	19.43	19.51	19.58	3	21
		25	25	19.52	19.60	19.60	3	21
		50	0	19.42	19.55	19.55	3	21
	256QAM	1	0	17.37	17.26	17.58	5	19
		1	24	17.43	17.52	17.50	5	19
		1	49	17.30	17.45	17.52	5	19
		25	0	16.05	16.27	16.36	5	19
		25	12	16.42	16.48	16.47	5	19
		25	25	16.35	16.32	16.40	5	19
		50	0	16.24	16.27	16.27	5	19

BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.26	22.43	22.33	0	24
		1	12	22.30	22.45	22.48	0	24
		1	24	22.38	22.53	22.56	0	24
		12	0	21.31	21.38	21.40	1	23
		12	6	21.33	21.48	21.54	1	23
		12	13	21.57	21.61	21.58	1	23
		25	0	21.42	21.38	21.47	1	23
	16QAM	1	0	21.55	21.62	21.69	1	23
		1	12	21.69	21.66	21.69	1	23
		1	24	21.63	21.71	21.81	1	23
		12	0	20.48	20.48	20.37	2	22
		12	6	20.40	20.46	20.50	2	22
		12	13	20.53	20.70	20.61	2	22
		25	0	20.40	20.57	20.57	2	22
	64QAM	1	0	20.40	20.47	20.43	2	22
		1	12	20.45	20.62	20.69	2	22
		1	24	20.54	20.71	20.59	2	22
		12	0	19.36	19.47	19.43	3	21
		12	6	19.38	19.58	19.49	3	21
		12	13	19.51	19.59	19.73	3	21
		25	0	19.49	19.54	19.42	3	21
	256QAM	1	0	17.31	17.36	17.48	5	19
		1	12	17.32	17.51	17.50	5	19
		1	24	17.29	17.42	17.55	5	19
		12	0	16.10	16.31	16.28	5	19
		12	6	16.41	16.39	16.42	5	19
		12	13	16.35	16.35	16.34	5	19
		25	0	16.33	16.29	16.33	5	19

LTE Band 12 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23060	23095	23130		
		Frequency (MHz)		704	707.5	711		
10M	QPSK	1	0	22.32	22.23	22.28	0	24
		1	24	22.39	22.26	22.34	0	24
		1	49	**22.42**	22.28	22.34	0	24
		25	0	21.29	21.24	21.31	1	23
		25	12	21.36	21.39	21.31	1	23
		25	25	21.40	21.40	21.35	1	23
		50	0	21.39	21.32	21.38	1	23
	16QAM	1	0	21.51	21.43	21.47	1	23
		1	24	21.53	21.49	21.52	1	23
		1	49	21.54	21.52	21.56	1	23
		25	0	20.36	20.27	20.35	2	22
		25	12	20.47	20.38	20.49	2	22
		25	25	20.47	20.44	20.41	2	22
		50	0	20.44	20.34	20.39	2	22
	64QAM	1	0	20.51	20.37	20.39	2	22
		1	24	20.48	20.48	20.48	2	22
		1	49	20.52	20.56	20.49	2	22
		25	0	19.27	19.29	19.37	3	21
		25	12	19.51	19.33	19.44	3	21
		25	25	19.48	19.37	19.51	3	21
		50	0	19.35	19.42	19.32	3	21
	256QAM	1	0	17.47	17.25	17.28	5	19
		1	24	17.42	17.42	17.35	5	19
		1	49	17.38	17.45	17.38	5	19
		25	0	17.17	17.23	17.36	5	19
		25	12	17.44	17.21	17.40	5	19
		25	25	17.34	17.23	17.37	5	19
		50	0	17.23	17.32	17.24	5	19

BW	Modulation	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
5M	QPSK	1	0	22.30	22.16	22.16	0	24
		1	12	22.29	22.25	22.19	0	24
		1	24	22.39	22.15	22.29	0	24
		12	0	21.23	21.15	21.27	1	23
		12	6	21.25	21.28	21.26	1	23
		12	13	21.29	21.36	21.28	1	23
		25	0	21.24	21.25	21.26	1	23
	16QAM	1	0	21.48	21.28	21.43	1	23
		1	12	21.51	21.38	21.45	1	23
		1	24	21.53	21.37	21.41	1	23
		12	0	20.33	20.22	20.30	2	22
		12	6	20.32	20.34	20.38	2	22
		12	13	20.41	20.43	20.38	2	22
		25	0	20.38	20.29	20.35	2	22
	64QAM	1	0	20.38	20.28	20.34	2	22
		1	12	20.42	20.34	20.36	2	22
		1	24	20.51	20.48	20.42	2	22
		12	0	19.21	19.26	19.23	3	21
		12	6	19.39	19.24	19.33	3	21
		12	13	19.41	19.27	19.47	3	21
		25	0	19.21	19.27	19.21	3	21
	256QAM	1	0	17.42	17.11	17.27	5	19
		1	12	17.32	17.33	17.26	5	19
		1	24	17.37	17.32	17.33	5	19
		12	0	17.05	17.08	17.34	5	19
		12	6	17.42	17.20	17.32	5	19
		12	13	17.31	17.08	17.34	5	19
		25	0	17.13	17.22	17.13	5	19

BW	Modulation	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		700.5	707.5	714.5		
3M	QPSK	1	0	22.24	22.20	22.18	0	24
		1	7	22.25	22.18	22.19	0	24
		1	14	22.37	22.21	22.19	0	24
		8	0	21.21	21.23	21.24	1	23
		8	3	21.35	21.28	21.22	1	23
		8	7	21.37	21.31	21.32	1	23
		15	0	21.30	21.30	21.35	1	23
	16QAM	1	0	21.49	21.37	21.33	1	23
		1	7	21.48	21.48	21.45	1	23
		1	14	21.50	21.46	21.48	1	23
		8	0	20.27	20.18	20.30	2	22
		8	3	20.43	20.34	20.44	2	22
		8	7	20.44	20.41	20.28	2	22
		15	0	20.32	20.31	20.37	2	22
	64QAM	1	0	20.44	20.27	20.28	2	22
		1	7	20.41	20.43	20.41	2	22
		1	14	20.37	20.41	20.37	2	22
		8	0	19.17	19.21	19.28	3	21
		8	3	19.43	19.18	19.34	3	21
		8	7	19.34	19.28	19.47	3	21
		15	0	19.33	19.32	19.31	3	21
	256QAM	1	0	17.40	17.24	17.18	5	19
		1	7	17.29	17.31	17.34	5	19
		1	14	17.30	17.40	17.26	5	19
		8	0	17.08	17.12	17.26	5	19
		8	3	17.35	17.20	17.39	5	19
		8	7	17.19	17.11	17.36	5	19
		15	0	17.21	17.23	17.21	5	19

BW	Modulation	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		699.7	707.5	715.3		
1.4M	QPSK	1	0	22.19	22.08	22.27	0	24
		1	2	22.33	22.11	22.20	0	24
		1	5	22.33	22.18	22.26	0	24
		3	0	21.96	21.97	22.03	0	24
		3	1	22.07	22.11	22.04	0	24
		3	3	22.09	22.18	22.02	0	24
		6	0	21.26	21.22	21.32	1	23
	16QAM	1	0	21.46	21.29	21.45	1	23
		1	2	21.41	21.40	21.38	1	23
		1	5	21.49	21.40	21.52	1	23
		3	0	21.30	21.19	21.29	1	23
		3	1	21.43	21.37	21.46	1	23
		3	3	21.43	21.43	21.40	1	23
		6	0	20.37	20.33	20.26	2	22
	64QAM	1	0	20.50	20.34	20.34	2	22
		1	2	20.43	20.42	20.33	2	22
		1	5	20.51	20.43	20.35	2	22
		3	0	20.12	20.24	20.23	2	22
		3	1	20.50	20.26	20.36	2	22
		3	3	20.45	20.32	20.49	2	22
		6	0	19.23	19.29	19.31	3	21
	256QAM	1	0	17.37	17.12	17.26	5	19
		1	2	17.32	17.30	17.28	5	19
		1	5	17.25	17.36	17.28	5	19
		3	0	17.07	17.14	17.34	5	19
		3	1	17.31	17.18	17.27	5	19
		3	3	17.24	17.08	17.26	5	19
		6	0	17.14	17.30	17.21	5	19

LTE Band 13 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23230		
		Frequency (MHz)		782		
10M	QPSK	1	0	22.54	0	24
		1	24	**22.57**	0	24
		1	49	22.48	0	24
		25	0	21.57	1	23
		25	12	21.55	1	23
		25	25	21.58	1	23
		50	0	21.56	1	23
	16QAM	1	0	21.71	1	23
		1	24	21.73	1	23
		1	49	21.65	1	23
		25	0	20.56	2	22
		25	12	20.60	2	22
		25	25	20.62	2	22
		50	0	20.59	2	22
	64QAM	1	0	20.74	2	22
		1	24	20.80	2	22
		1	49	20.63	2	22
		25	0	19.58	3	21
		25	12	19.56	3	21
		25	25	19.61	3	21
		50	0	19.58	3	21
	256QAM	1	0	17.66	5	19
		1	24	17.65	5	19
		1	49	17.56	5	19
		25	0	17.55	5	19
		25	12	17.41	5	19
		25	25	17.60	5	19
		50	0	17.52	5	19

BW	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		779.5	782	784.5		
5M	QPSK	1	0	22.46	22.48	22.52	0	24
		1	12	22.47	22.46	22.45	0	24
		1	24	22.37	22.47	22.40	0	24
		12	0	21.43	21.53	21.50	1	23
		12	6	21.52	21.42	21.52	1	23
		12	13	21.54	21.47	21.56	1	23
		25	0	21.50	21.43	21.45	1	23
	16QAM	1	0	21.70	21.63	21.67	1	23
		1	12	21.65	21.58	21.67	1	23
		1	24	21.52	21.63	21.53	1	23
		12	0	20.43	20.46	20.55	2	22
		12	6	20.57	20.46	20.56	2	22
		12	13	20.57	20.58	20.56	2	22
		25	0	20.54	20.58	20.53	2	22
	64QAM	1	0	20.71	20.61	20.68	2	22
		1	12	20.78	20.72	20.79	2	22
		1	24	20.56	20.53	20.49	2	22
		12	0	19.50	19.49	19.56	3	21
		12	6	19.51	19.45	19.55	3	21
		12	13	19.50	19.48	19.54	3	21
		25	0	19.45	19.48	19.44	3	21
	256QAM	1	0	17.57	17.65	17.64	5	19
		1	12	17.53	17.57	17.61	5	19
		1	24	17.51	17.41	17.42	5	19
		12	0	17.41	17.52	17.52	5	19
		12	6	17.39	17.30	17.37	5	19
		12	13	17.51	17.45	17.58	5	19
		25	0	17.41	17.43	17.47	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	22.71	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19
BW	Modulation	Channel		23305	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5		
5M	QPSK	1	0	22.54	0	24
		1	12	22.68	0	24
		1	24	22.46	0	24
		12	0	21.57	1	23
		12	6	21.55	1	23
		12	13	21.53	1	23
		25	0	21.49	1	23
	16QAM	1	0	21.61	1	23
		1	12	21.84	1	23
		1	24	21.54	1	23
		12	0	20.60	2	22
		12	6	20.53	2	22
		12	13	20.59	2	22
		25	0	20.64	2	22
	64QAM	1	0	20.79	2	22
		1	12	20.78	2	22
		1	24	20.75	2	22
		12	0	19.59	3	21
		12	6	19.57	3	21
		12	13	19.57	3	21
		25	0	19.47	3	21
	256QAM	1	0	17.77	5	19
		1	12	17.71	5	19
		1	24	17.63	5	19
		12	0	17.43	5	19
		12	6	17.55	5	19
		12	13	17.47	5	19
		25	0	17.40	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	22.66	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.55	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.48	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.58	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.38	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.28	5	19
BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.49	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.49	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.38	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1850	1880	1905		
20M	QPSK	1	0	22.47	22.56	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.46	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.48	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19
BW	Modulation	Channel		26115	26340	26515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19
BW	Modulation	Channel		26090	26340	26540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19
BW	Modulation	Channel		26065	26340	26565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19
BW	Modulation	Channel		26050	26340	26575	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19
BW	Modulation	Channel		26047	26340	26633	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1914.3		
1.4M	QPSK	1	0	22.39	22.51	22.18	0	24
		1	2	22.43	22.51	22.27	0	24
		1	5	22.15	22.31	22.15	0	24
		3	0	22.30	22.41	22.27	0	24
		3	1	22.37	22.41	22.31	0	24
		3	3	22.21	22.23	22.18	0	24
		6	0	21.45	21.53	21.40	1	23
	16QAM	1	0	21.57	21.63	21.43	1	23
		1	2	21.42	21.55	21.36	1	23
		1	5	21.43	21.45	21.31	1	23
		3	0	21.50	21.49	21.25	1	23
		3	1	21.44	21.46	21.29	1	23
		3	3	21.44	21.43	21.39	1	23
		6	0	20.53	20.44	20.39	2	22
	64QAM	1	0	20.56	20.63	20.49	2	22
		1	2	20.31	20.41	20.29	2	22
		1	5	20.27	20.32	20.31	2	22
		3	0	20.49	20.48	20.28	2	22
		3	1	20.48	20.48	20.42	2	22
		3	3	20.48	20.49	20.30	2	22
		6	0	19.43	19.45	19.41	3	21
	256QAM	1	0	17.54	17.48	17.43	5	19
		1	2	17.33	17.21	17.27	5	19
		1	5	17.18	17.30	17.25	5	19
		3	0	17.44	17.33	17.14	5	19
		3	1	17.38	17.50	17.23	5	19
		3	3	17.34	17.42	17.35	5	19
		6	0	17.37	17.47	17.22	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	22.71	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19
BW	Modulation	Channel		23305	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5		
5M	QPSK	1	0	22.54	0	24
		1	12	22.68	0	24
		1	24	22.46	0	24
		12	0	21.57	1	23
		12	6	21.55	1	23
		12	13	21.53	1	23
		25	0	21.49	1	23
	16QAM	1	0	21.61	1	23
		1	12	21.84	1	23
		1	24	21.54	1	23
		12	0	20.60	2	22
		12	6	20.53	2	22
		12	13	20.59	2	22
		25	0	20.64	2	22
	64QAM	1	0	20.79	2	22
		1	12	20.78	2	22
		1	24	20.75	2	22
		12	0	19.59	3	21
		12	6	19.57	3	21
		12	13	19.57	3	21
		25	0	19.47	3	21
	256QAM	1	0	17.77	5	19
		1	12	17.71	5	19
		1	24	17.63	5	19
		12	0	17.43	5	19
		12	6	17.55	5	19
		12	13	17.47	5	19
		25	0	17.40	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	22.66	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.55	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.48	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.58	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.38	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.28	5	19
BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.49	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.49	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.38	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1850	1880	1905		
20M	QPSK	1	0	22.47	22.56	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.46	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.48	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19
BW	Modulation	Channel		26115	26340	26515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19
BW	Modulation	Channel		26090	26340	26540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19
BW	Modulation	Channel		26065	26340	26565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19
BW	Modulation	Channel		26050	26340	26575	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19
BW	Modulation	Channel		26047	26340	26633	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1914.3		
1.4M	QPSK	1	0	22.39	22.51	22.18	0	24
		1	2	22.43	22.51	22.27	0	24
		1	5	22.15	22.31	22.15	0	24
		3	0	22.30	22.41	22.27	0	24
		3	1	22.37	22.41	22.31	0	24
		3	3	22.21	22.23	22.18	0	24
		6	0	21.45	21.53	21.40	1	23
	16QAM	1	0	21.57	21.63	21.43	1	23
		1	2	21.42	21.55	21.36	1	23
		1	5	21.43	21.45	21.31	1	23
		3	0	21.50	21.49	21.25	1	23
		3	1	21.44	21.46	21.29	1	23
		3	3	21.44	21.43	21.39	1	23
		6	0	20.53	20.44	20.39	2	22
	64QAM	1	0	20.56	20.63	20.49	2	22
		1	2	20.31	20.41	20.29	2	22
		1	5	20.27	20.32	20.31	2	22
		3	0	20.49	20.48	20.28	2	22
		3	1	20.48	20.48	20.42	2	22
		3	3	20.48	20.49	20.30	2	22
		6	0	19.43	19.45	19.41	3	21
	256QAM	1	0	17.54	17.48	17.43	5	19
		1	2	17.33	17.21	17.27	5	19
		1	5	17.18	17.30	17.25	5	19
		3	0	17.44	17.33	17.14	5	19
		3	1	17.38	17.50	17.23	5	19
		3	3	17.34	17.42	17.35	5	19
		6	0	17.37	17.47	17.22	5	19

LTE Band 41 (2496 ~ 2690MHz) (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.06	23.06	23.26	23.23	**23.30**	0	24
		1	50	23.02	22.88	23.05	23.12	23.12	0	24
		1	99	23.06	22.95	23.22	23.24	23.29	0	24
		50	0	22.06	21.97	22.19	22.23	22.24	1	23
		50	25	21.99	21.91	22.10	22.22	22.15	1	23
		50	50	22.01	21.89	22.15	22.09	22.21	1	23
		100	0	22.01	21.97	22.10	22.22	22.26	1	23
	16QAM	1	0	22.12	22.02	22.22	22.18	22.26	1	23
		1	50	22.07	21.98	22.25	22.18	22.28	1	23
		1	99	22.11	22.03	22.24	22.22	22.31	1	23
		50	0	20.99	21.03	21.21	21.11	21.24	2	22
		50	25	21.10	21.00	21.20	21.22	21.28	2	22
		50	50	21.00	20.98	21.11	21.11	21.20	2	22
		100	0	21.13	20.98	21.19	21.27	21.29	2	22
	64QAM	1	0	20.94	20.82	21.06	21.04	21.15	2	22
		1	50	20.97	20.86	21.04	21.06	21.18	2	22
		1	99	21.22	21.03	21.30	21.27	21.33	2	22
		50	0	20.06	19.94	20.11	20.16	20.13	3	21
		50	25	20.14	20.06	20.29	20.20	20.20	3	21
		50	50	20.00	19.90	20.17	20.17	20.24	3	21
		100	0	20.14	20.01	20.19	20.17	20.23	3	21
	256QAM	1	0	17.94	17.82	18.06	18.04	18.15	5	19
		1	50	17.97	17.86	18.04	18.06	18.18	5	19
		1	99	18.22	18.03	18.30	18.27	18.33	5	19
		50	0	18.06	17.94	18.11	18.16	18.13	5	19
		50	25	18.14	18.06	18.29	18.20	18.20	5	19
		50	50	18.00	17.90	18.17	18.17	18.24	5	19
		100	0	18.14	18.01	18.19	18.17	18.23	5	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	22.90	22.93	23.13	23.11	23.18	0	24
		1	37	22.93	22.75	22.92	23.04	23.08	0	24
		1	74	22.96	22.82	23.13	23.19	23.26	0	24
		36	0	22.03	21.93	22.04	22.15	22.09	1	23
		36	19	21.91	21.82	22.06	22.20	22.05	1	23
		36	39	21.96	21.88	22.04	22.02	22.08	1	23
		75	0	21.87	21.94	22.06	22.12	22.16	1	23
	16QAM	1	0	22.00	21.98	22.12	22.05	22.20	1	23
		1	37	22.06	21.88	22.11	22.15	22.22	1	23
		1	74	22.09	22.01	22.19	22.09	22.25	1	23
		36	0	20.95	20.93	21.11	21.00	21.14	2	22
		36	19	20.96	20.99	21.05	21.17	21.25	2	22
		36	39	20.88	20.87	21.01	21.04	21.11	2	22
		75	0	21.07	20.96	21.06	21.12	21.19	2	22
	64QAM	1	0	20.80	20.81	21.04	21.01	21.01	2	22
		1	37	20.87	20.73	20.93	20.98	21.08	2	22
		1	74	21.13	20.92	21.29	21.19	21.21	2	22
		36	0	19.91	19.86	19.98	20.07	20.06	3	21
		36	19	20.06	19.91	20.14	20.12	20.09	3	21
		36	39	19.96	19.81	20.05	20.02	20.12	3	21
		75	0	20.07	19.95	20.17	20.05	20.10	3	21
	256QAM	1	0	17.84	17.72	17.91	17.89	18.14	5	19
		1	37	17.89	17.83	17.93	17.92	18.14	5	19
		1	74	18.16	18.01	18.16	18.24	18.22	5	19
		36	0	18.05	17.83	18.00	18.14	17.98	5	19
		36	19	18.10	17.93	18.22	18.17	18.10	5	19
		36	39	17.88	17.75	18.06	18.15	18.13	5	19
		75	0	18.05	17.96	18.17	18.14	18.12	5	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	22.91	22.98	23.11	23.11	23.18	0	24
		1	24	23.00	22.78	22.98	23.11	23.03	0	24
		1	49	23.05	22.91	23.17	23.17	23.16	0	24
		25	0	21.99	21.88	21.96	22.13	22.14	1	23
		25	12	21.96	21.83	22.12	22.21	22.01	1	23
		25	25	21.91	21.85	22.09	21.97	22.13	1	23
		50	0	21.94	21.83	22.09	22.18	22.25	1	23
	16QAM	1	0	22.00	22.00	22.13	22.13	22.25	1	23
		1	24	21.92	21.95	22.14	22.10	22.13	1	23
		1	49	21.96	21.90	22.18	22.07	22.28	1	23
		25	0	20.88	20.98	21.10	21.01	21.19	2	22
		25	12	20.99	20.98	21.14	21.10	21.18	2	22
		25	25	20.95	20.85	21.02	20.98	21.10	2	22
		50	0	21.10	20.83	21.10	21.25	21.21	2	22
	64QAM	1	0	20.93	20.77	20.99	20.99	21.02	2	22
		1	24	20.82	20.82	21.01	21.05	21.11	2	22
		1	49	21.13	20.94	21.24	21.16	21.19	2	22
		25	0	20.01	19.86	19.99	20.01	20.05	3	21
		25	12	20.08	19.94	20.14	20.07	20.18	3	21
		25	25	19.91	19.78	20.15	20.02	20.16	3	21
		50	0	20.10	19.94	20.08	20.07	20.18	3	21
	256QAM	1	0	17.91	17.81	17.95	18.03	18.13	5	19
		1	24	17.94	17.82	18.01	18.03	18.15	5	19
		1	49	18.17	18.02	18.22	18.18	18.30	5	19
		25	0	18.04	17.83	17.97	18.04	17.98	5	19
		25	12	18.09	18.05	18.27	18.14	18.19	5	19
		25	25	17.89	17.79	18.08	18.08	18.19	5	19
		50	0	18.00	17.94	18.07	18.10	18.20	5	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	22.90	22.96	23.18	23.18	23.27	0	24
		1	12	22.92	22.81	23.01	23.08	23.04	0	24
		1	24	22.94	22.85	23.15	23.18	23.18	0	24
		12	0	22.04	21.90	22.08	22.14	22.10	1	23
		12	6	21.89	21.80	22.14	22.08	22.14	1	23
		12	13	22.00	21.81	22.07	21.97	22.12	1	23
		25	0	21.87	21.94	22.06	22.21	22.12	1	23
	16QAM	1	0	22.11	21.87	22.14	22.06	22.24	1	23
		1	12	21.94	21.92	22.18	22.14	22.25	1	23
		1	24	21.96	21.97	22.15	22.11	22.22	1	23
		12	0	20.87	21.02	21.19	20.99	21.19	2	22
		12	6	21.04	20.88	21.05	21.14	21.22	2	22
		12	13	20.92	20.85	21.03	21.04	21.09	2	22
		25	0	21.10	20.97	21.06	21.16	21.24	2	22
	64QAM	1	0	20.83	20.73	21.00	20.89	21.09	2	22
		1	12	20.91	20.72	20.96	21.05	21.13	2	22
		1	24	21.12	20.95	21.17	21.16	21.24	2	22
		12	0	20.02	19.81	20.00	20.09	20.04	3	21
		12	6	20.08	20.03	20.14	20.07	20.11	3	21
		12	13	19.94	19.77	20.09	20.09	20.23	3	21
		25	0	20.12	19.86	20.14	20.10	20.19	3	21
	256QAM	1	0	17.92	17.69	18.03	17.94	18.02	5	19
		1	12	17.90	17.74	17.97	17.91	18.03	5	19
		1	24	18.16	17.98	18.16	18.16	18.30	5	19
		12	0	18.05	17.91	18.09	18.02	18.07	5	19
		12	6	18.01	17.91	18.17	18.10	18.09	5	19
		12	13	17.91	17.78	18.05	18.12	18.17	5	19
		25	0	17.99	17.91	18.17	18.04	18.15	5	19

LTE Band 42 Part27Q (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		42190	42590	42990		
		Frequence (MHz)		3460	3500	3540		
20M	QPSK	1	0	23.05	**23.23**	23.17	0	24
		1	50	22.94	23.16	23.07	0	24
		1	99	22.79	23.03	22.99	0	24
		50	0	22.02	22.25	22.17	1	23
		50	25	21.89	22.22	22.10	1	23
		50	50	21.91	22.17	22.04	1	23
		100	0	21.87	22.10	22.06	1	23
	16QAM	1	0	21.88	22.15	22.04	1	23
		1	50	21.92	22.16	21.97	1	23
		1	99	21.72	21.99	21.96	1	23
		50	0	21.02	21.22	21.05	2	22
		50	25	20.88	21.19	21.05	2	22
		50	50	20.90	21.18	21.09	2	22
		100	0	21.00	21.18	20.99	2	22
	64QAM	1	0	21.09	21.24	21.08	2	22
		1	50	21.04	21.28	21.18	2	22
		1	99	20.82	21.04	20.86	2	22
		50	0	20.03	20.18	20.10	3	21
		50	25	19.94	20.10	20.11	3	21
		50	50	19.91	20.15	20.02	3	21
		100	0	20.02	20.14	20.13	3	21
	256QAM	1	0	17.99	18.19	17.99	5	19
		1	50	18.00	18.19	18.04	5	19
		1	99	17.77	18.00	17.71	5	19
		50	0	17.95	18.13	17.95	5	19
		50	25	17.79	17.97	18.04	5	19
		50	50	17.86	18.10	17.88	5	19
		100	0	17.93	18.09	17.98	5	19
BW	MCS Index	Channel		42165	42590	43015	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5		
15M	QPSK	1	0	22.92	23.22	23.15	0	24
		1	37	22.80	23.04	22.98	0	24
		1	74	22.66	22.91	22.89	0	24
		36	0	21.91	22.13	22.12	1	23
		36	19	21.81	22.21	22.09	1	23
		36	39	21.88	22.21	21.92	1	23
		75	0	21.84	21.96	21.99	1	23
	16QAM	1	0	21.73	22.11	21.95	1	23
		1	37	21.80	22.13	21.93	1	23
		1	74	21.65	21.97	21.81	1	23
		36	0	20.90	21.14	21.01	2	22
		36	19	20.81	21.16	20.94	2	22
		36	39	20.81	21.07	21.00	2	22
		75	0	20.99	21.15	20.96	2	22
	64QAM	1	0	20.98	21.21	20.95	2	22
		1	37	20.95	21.18	21.03	2	22
		1	74	20.75	20.89	20.85	2	22
		36	0	20.02	20.15	20.09	3	21
		36	19	19.79	19.99	19.96	3	21
		36	39	19.88	20.06	19.96	3	21
		75	0	19.94	20.04	20.01	3	21
	256QAM	1	0	17.92	18.17	17.93	5	19
		1	37	17.89	18.12	17.98	5	19
		1	74	17.63	17.88	17.63	5	19
		36	0	17.93	18.03	17.81	5	19
		36	19	17.64	17.89	17.92	5	19
		36	39	17.71	18.07	17.76	5	19
		75	0	17.86	18.08	17.83	5	19
BW	MCS Index	Channel		42140	42590	43040	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3455	3500	3545		
10M	QPSK	1	0	22.94	23.20	23.13	0	24
		1	24	22.81	23.05	23.04	0	24
		1	49	22.73	22.89	22.90	0	24
		25	0	22.01	22.09	22.08	1	23
		25	12	21.88	22.15	21.95	1	23
		25	25	21.88	22.15	21.93	1	23
		50	0	21.78	21.98	21.98	1	23
	16QAM	1	0	21.78	22.10	22.01	1	23
		1	24	21.81	22.09	21.95	1	23
		1	49	21.66	21.95	21.94	1	23
		25	0	21.01	21.20	20.97	2	22
		25	12	20.78	21.16	20.92	2	22
		25	25	20.78	21.03	20.96	2	22
		50	0	20.98	21.14	20.92	2	22
	64QAM	1	0	20.95	21.13	21.04	2	22
		1	24	20.93	21.13	21.17	2	22
		1	49	20.75	20.94	20.81	2	22
		25	0	19.98	20.05	20.08	3	21
		25	12	19.89	20.09	19.98	3	21
		25	25	19.85	20.12	20.01	3	21
		50	0	19.88	20.12	20.12	3	21
	256QAM	1	0	17.89	18.14	17.90	5	19
		1	24	17.97	18.08	17.95	5	19
		1	49	17.68	17.90	17.56	5	19
		25	0	17.92	18.12	17.89	5	19
		25	12	17.64	17.96	17.89	5	19
		25	25	17.79	18.09	17.84	5	19
		50	0	17.86	17.97	17.95	5	19
BW	MCS Index	Channel		42115	42590	43065	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5		
5M	QPSK	1	0	22.96	23.10	23.09	0	24
		1	12	22.87	23.03	22.95	0	24
		1	24	22.71	22.94	22.93	0	24
		12	0	21.95	22.11	22.05	1	23
		12	6	21.79	22.17	22.06	1	23
		12	13	21.87	22.20	21.95	1	23
		25	0	21.86	22.06	21.97	1	23
	16QAM	1	0	21.85	22.11	21.97	1	23
		1	12	21.87	22.01	21.94	1	23
		1	24	21.63	21.85	21.83	1	23
		12	0	20.89	21.14	20.91	2	22
		12	6	20.84	21.10	20.92	2	22
		12	13	20.85	21.05	21.00	2	22
		25	0	20.94	21.07	20.96	2	22
	64QAM	1	0	20.97	21.23	21.06	2	22
		1	12	20.94	21.14	21.11	2	22
		1	24	20.73	20.94	20.79	2	22
		12	0	20.01	20.03	20.09	3	21
		12	6	19.89	19.96	20.03	3	21
		12	13	19.84	20.12	19.89	3	21
		25	0	19.89	20.02	20.05	3	21
	256QAM	1	0	17.98	18.10	17.89	5	19
		1	12	17.87	18.09	17.97	5	19
		1	24	17.67	17.87	17.61	5	19
		12	0	17.82	18.10	17.83	5	19
		12	6	17.77	17.93	17.95	5	19
		12	13	17.75	18.04	17.85	5	19
		25	0	17.78	17.97	17.90	5	19

LTE Band 48 for SAR (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640		
		Frequence (MHz)		3560	3609	3641	3690		
20M	QPSK	1	0	23.01	22.97	23.12	23.13	0	24
		1	50	23.09	23.05	23.21	**23.26**	0	24
		1	99	22.87	22.96	23.00	23.03	0	24
		50	0	22.09	22.15	22.30	22.36	1	23
		50	25	22.08	22.13	22.25	22.22	1	23
		50	50	22.07	22.07	22.25	22.22	1	23
		100	0	22.02	22.04	22.21	22.19	1	23
	16QAM	1	0	21.87	21.90	21.93	21.99	1	23
		1	50	21.91	21.89	21.95	22.07	1	23
		1	99	21.73	21.85	21.84	21.87	1	23
		50	0	21.16	21.12	21.29	21.25	2	22
		50	25	21.16	21.11	21.18	21.19	2	22
		50	50	21.03	21.12	21.23	21.18	2	22
		100	0	21.01	21.16	21.22	21.24	2	22
	64QAM	1	0	20.80	20.96	20.95	20.94	2	22
		1	50	20.94	20.90	21.08	21.03	2	22
		1	99	20.72	20.87	20.90	20.92	2	22
		50	0	20.08	20.06	20.15	20.26	3	21
		50	25	20.09	20.16	20.15	20.24	3	21
		50	50	19.97	20.08	20.19	20.13	3	21
		100	0	19.96	20.15	20.13	20.20	3	21
	256QAM	1	0	17.80	17.96	17.95	17.94	5	19
		1	50	17.94	17.90	18.08	18.03	5	19
		1	99	17.72	17.87	17.90	17.92	5	19
		50	0	17.78	17.76	17.85	17.96	5	19
		50	25	17.79	17.86	17.85	17.94	5	19
		50	50	17.67	17.78	17.89	17.83	5	19
		100	0	17.66	17.85	17.83	17.90	5	19
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5		
15M	QPSK	1	0	22.89	22.95	23.09	23.01	0	24
		1	37	23.04	22.93	23.16	23.23	0	24
		1	74	22.75	22.94	22.86	22.96	0	24
		36	0	22.02	22.07	22.15	22.21	1	23
		36	19	21.99	22.06	22.19	22.11	1	23
		36	39	22.03	22.04	22.13	22.16	1	23
		75	0	22.01	22.03	22.10	22.09	1	23
	16QAM	1	0	21.82	21.89	21.89	21.93	1	23
		1	37	21.81	21.81	21.80	21.97	1	23
		1	74	21.71	21.80	21.81	21.80	1	23
		36	0	21.14	21.11	21.18	21.16	2	22
		36	19	21.09	21.04	21.03	21.06	2	22
		36	39	20.95	21.08	21.12	21.12	2	22
		75	0	20.90	21.13	21.10	21.15	2	22
	64QAM	1	0	20.78	20.95	20.82	20.93	2	22
		1	37	20.87	20.79	20.94	21.00	2	22
		1	74	20.65	20.83	20.77	20.79	2	22
		36	0	20.03	19.99	20.01	20.17	3	21
		36	19	20.02	20.14	20.12	20.10	3	21
		36	39	19.91	20.01	20.07	20.02	3	21
		75	0	19.88	20.03	20.11	20.11	3	21
	256QAM	1	0	17.73	17.90	17.80	17.80	5	19
		1	37	17.88	17.88	18.07	17.99	5	19
		1	74	17.58	17.86	17.81	17.79	5	19
		36	0	17.64	17.62	17.71	17.82	5	19
		36	19	17.77	17.84	17.74	17.86	5	19
		36	39	17.59	17.72	17.85	17.69	5	19
		75	0	17.62	17.79	17.70	17.88	5	19
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695		
10M	QPSK	1	0	22.93	22.90	23.07	23.03	0	24
		1	24	23.07	22.93	23.09	23.25	0	24
		1	49	22.72	22.86	22.89	23.01	0	24
		25	0	22.06	22.08	22.24	22.32	1	23
		25	12	21.94	22.05	22.19	22.20	1	23
		25	25	22.03	22.04	22.10	22.12	1	23
		50	0	21.92	21.96	22.10	22.05	1	23
	16QAM	1	0	21.79	21.79	21.81	21.93	1	23
		1	24	21.88	21.88	21.86	21.95	1	23
		1	49	21.72	21.82	21.83	21.81	1	23
		25	0	21.04	21.01	21.19	21.12	2	22
		25	12	21.04	20.96	21.11	21.04	2	22
		25	25	20.94	21.09	21.10	21.05	2	22
		50	0	20.88	21.14	21.08	21.13	2	22
	64QAM	1	0	20.76	20.81	20.88	20.88	2	22
		1	24	20.81	20.87	21.02	20.89	2	22
		1	49	20.71	20.76	20.85	20.90	2	22
		25	0	19.98	20.01	20.09	20.21	3	21
		25	12	19.98	20.12	20.07	20.20	3	21
		25	25	19.93	20.07	20.05	20.10	3	21
		50	0	19.93	20.10	20.00	20.07	3	21
	256QAM	1	0	17.70	17.82	17.89	17.87	5	19
		1	24	17.81	17.76	18.02	17.92	5	19
		1	49	17.67	17.82	17.76	17.77	5	19
		25	0	17.69	17.67	17.74	17.81	5	19
		25	12	17.74	17.75	17.80	17.88	5	19
		25	25	17.60	17.69	17.78	17.68	5	19
		50	0	17.62	17.74	17.72	17.76	5	19
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5		
5M	QPSK	1	0	22.90	22.83	23.04	23.01	0	24
		1	12	23.06	22.94	23.13	23.15	0	24
		1	24	22.72	22.85	22.87	22.93	0	24
		12	0	21.94	22.09	22.28	22.31	1	23
		12	6	22.00	22.12	22.13	22.10	1	23
		12	13	22.00	21.99	22.15	22.21	1	23
		25	0	21.90	21.97	22.20	22.07	1	23
	16QAM	1	0	21.81	21.87	21.92	21.84	1	23
		1	12	21.86	21.76	21.91	21.96	1	23
		1	24	21.66	21.78	21.69	21.72	1	23
		12	0	21.10	21.00	21.25	21.23	2	22
		12	6	21.14	21.00	21.13	21.12	2	22
		12	13	20.89	21.05	21.22	21.05	2	22
		25	0	20.99	21.09	21.20	21.16	2	22
	64QAM	1	0	20.74	20.94	20.89	20.87	2	22
		1	12	20.85	20.79	21.00	20.98	2	22
		1	24	20.68	20.75	20.77	20.91	2	22
		12	0	19.95	19.91	20.10	20.12	3	21
		12	6	20.08	20.09	20.00	20.15	3	21
		12	13	19.92	19.93	20.13	20.10	3	21
		25	0	19.84	20.07	20.11	20.13	3	21
	256QAM	1	0	17.78	17.88	17.85	17.92	5	19
		1	12	17.81	17.85	18.01	17.95	5	19
		1	24	17.70	17.75	17.78	17.82	5	19
		12	0	17.66	17.75	17.79	17.83	5	19
		12	6	17.67	17.73	17.73	17.80	5	19
		12	13	17.62	17.64	17.82	17.74	5	19
		25	0	17.52	17.80	17.77	17.87	5	19

LTE Band 66 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.43	**22.53**	22.47	0	24
		1	50	22.46	22.51	22.39	0	24
		1	99	22.45	22.45	22.36	0	24
		50	0	21.41	21.45	21.37	1	23
		50	25	21.43	21.49	21.40	1	23
		50	50	21.46	21.54	21.41	1	23
		100	0	21.47	21.51	21.37	1	23
	16QAM	1	0	21.74	21.72	21.58	1	23
		1	50	21.59	21.59	21.46	1	23
		1	99	21.72	21.69	21.59	1	23
		50	0	20.48	20.46	20.42	2	22
		50	25	20.39	20.46	20.40	2	22
		50	50	20.50	20.52	20.39	2	22
		100	0	20.39	20.50	20.44	2	22
	64QAM	1	0	20.55	20.64	20.47	2	22
		1	50	20.60	20.57	20.61	2	22
		1	99	20.50	20.41	20.38	2	22
		50	0	19.48	19.45	19.42	3	21
		50	25	19.45	19.52	19.41	3	21
		50	50	19.54	19.44	19.48	3	21
		100	0	19.49	19.59	19.39	3	21
	256QAM	1	0	17.52	17.56	17.45	5	19
		1	50	17.59	17.50	17.54	5	19
		1	99	17.47	17.37	17.25	5	19
		50	0	17.43	17.39	17.31	5	19
		50	25	17.44	17.38	17.32	5	19
		50	50	17.50	17.36	17.47	5	19
		100	0	17.46	17.57	17.27	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	22.33	22.49	22.39	0	24
		1	37	22.45	22.41	22.33	0	24
		1	74	22.38	22.33	22.21	0	24
		36	0	21.35	21.44	21.32	1	23
		36	19	21.38	21.36	21.29	1	23
		36	39	21.28	21.40	21.28	1	23
		75	0	21.32	21.49	21.28	1	23
	16QAM	1	0	21.63	21.67	21.55	1	23
		1	37	21.46	21.52	21.39	1	23
		1	74	21.63	21.60	21.46	1	23
		36	0	20.39	20.42	20.28	2	22
		36	19	20.35	20.41	20.27	2	22
		36	39	20.43	20.44	20.28	2	22
		75	0	20.37	20.44	20.38	2	22
	64QAM	1	0	20.41	20.51	20.32	2	22
		1	37	20.48	20.48	20.49	2	22
		1	74	20.38	20.29	20.26	2	22
		36	0	19.47	19.44	19.35	3	21
		36	19	19.36	19.38	19.30	3	21
		36	39	19.39	19.41	19.35	3	21
		75	0	19.43	19.56	19.36	3	21
	256QAM	1	0	17.51	17.45	17.34	5	19
		1	37	17.57	17.49	17.45	5	19
		1	74	17.46	17.27	17.24	5	19
		36	0	17.29	17.28	17.20	5	19
		36	19	17.34	17.34	17.17	5	19
		36	39	17.47	17.32	17.38	5	19
		75	0	17.44	17.53	17.12	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.28	22.41	22.32	0	24
		1	24	22.39	22.39	22.30	0	24
		1	49	22.39	22.31	22.32	0	24
		25	0	21.40	21.32	21.34	1	23
		25	12	21.38	21.36	21.35	1	23
		25	25	21.40	21.40	21.38	1	23
		50	0	21.38	21.46	21.31	1	23
	16QAM	1	0	21.64	21.68	21.44	1	23
		1	24	21.44	21.45	21.31	1	23
		1	49	21.68	21.60	21.47	1	23
		25	0	20.41	20.32	20.28	2	22
		25	12	20.31	20.40	20.35	2	22
		25	25	20.39	20.45	20.29	2	22
		50	0	20.35	20.47	20.36	2	22
	64QAM	1	0	20.46	20.54	20.42	2	22
		1	24	20.48	20.52	20.60	2	22
		1	49	20.45	20.32	20.23	2	22
		25	0	19.35	19.33	19.30	3	21
		25	12	19.30	19.50	19.37	3	21
		25	25	19.49	19.32	19.33	3	21
		50	0	19.47	19.51	19.30	3	21
	256QAM	1	0	17.37	17.41	17.33	5	19
		1	24	17.55	17.46	17.53	5	19
		1	49	17.35	17.22	17.14	5	19
		25	0	17.28	17.31	17.16	5	19
		25	12	17.33	17.30	17.21	5	19
		25	25	17.42	17.33	17.34	5	19
		50	0	17.32	17.46	17.15	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.42	22.40	22.36	0	24
		1	12	22.43	22.46	22.26	0	24
		1	24	22.42	22.37	22.31	0	24
		12	0	21.33	21.37	21.28	1	23
		12	6	21.41	21.43	21.26	1	23
		12	13	21.28	21.52	21.26	1	23
		25	0	21.35	21.42	21.27	1	23
	16QAM	1	0	21.59	21.61	21.44	1	23
		1	12	21.58	21.52	21.43	1	23
		1	24	21.65	21.55	21.44	1	23
		12	0	20.43	20.45	20.29	2	22
		12	6	20.38	20.42	20.39	2	22
		12	13	20.36	20.37	20.37	2	22
		25	0	20.36	20.35	20.39	2	22
	64QAM	1	0	20.49	20.55	20.37	2	22
		1	12	20.46	20.43	20.55	2	22
		1	24	20.43	20.26	20.24	2	22
		12	0	19.40	19.39	19.39	3	21
		12	6	19.34	19.46	19.35	3	21
		12	13	19.48	19.38	19.46	3	21
		25	0	19.35	19.48	19.37	3	21
	256QAM	1	0	17.48	17.52	17.42	5	19
		1	12	17.54	17.43	17.46	5	19
		1	24	17.42	17.23	17.21	5	19
		12	0	17.41	17.32	17.17	5	19
		12	6	17.29	17.29	17.27	5	19
		12	13	17.46	17.24	17.33	5	19
		25	0	17.43	17.53	17.26	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.34	22.51	22.35	0	24
		1	7	22.45	22.42	22.32	0	24
		1	14	22.33	22.30	22.25	0	24
		8	0	21.29	21.38	21.36	1	23
		8	3	21.39	21.38	21.25	1	23
		8	7	21.39	21.40	21.26	1	23
		15	0	21.34	21.40	21.38	1	23
	16QAM	1	0	21.64	21.61	21.52	1	23
		1	7	21.48	21.56	21.41	1	23
		1	14	21.60	21.64	21.50	1	23
		8	0	20.44	20.35	20.27	2	22
		8	3	20.38	20.45	20.29	2	22
		8	7	20.49	20.39	20.36	2	22
		15	0	20.28	20.42	20.29	2	22
	64QAM	1	0	20.41	20.55	20.40	2	22
		1	7	20.52	20.53	20.52	2	22
		1	14	20.37	20.33	20.26	2	22
		8	0	19.36	19.35	19.40	3	21
		8	3	19.43	19.48	19.33	3	21
		8	7	19.48	19.35	19.47	3	21
		15	0	19.34	19.47	19.37	3	21
	256QAM	1	0	17.45	17.43	17.43	5	19
		1	7	17.46	17.36	17.47	5	19
		1	14	17.46	17.31	17.19	5	19
		8	0	17.29	17.32	17.19	5	19
		8	3	17.38	17.34	17.18	5	19
		8	7	17.47	17.25	17.33	5	19
		15	0	17.45	17.55	17.18	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.31	22.41	22.46	0	24
		1	2	22.43	22.38	22.27	0	24
		1	5	22.39	22.32	22.35	0	24
		3	0	22.06	22.15	22.02	0	24
		3	1	22.24	22.20	22.15	0	24
		3	3	22.14	22.33	22.09	0	24
		6	0	21.32	21.45	21.25	1	23
	16QAM	1	0	21.62	21.67	21.47	1	23
		1	2	21.55	21.50	21.33	1	23
		1	5	21.61	21.63	21.50	1	23
		3	0	21.46	21.31	21.30	1	23
		3	1	21.31	21.38	21.34	1	23
		3	3	21.36	21.37	21.35	1	23
		6	0	20.34	20.45	20.39	2	22
	64QAM	1	0	20.51	20.51	20.34	2	22
		1	2	20.46	20.48	20.59	2	22
		1	5	20.43	20.35	20.31	2	22
		3	0	20.45	20.36	20.29	2	22
		3	1	20.38	20.46	20.36	2	22
		3	3	20.53	20.36	20.46	2	22
		6	0	19.35	19.48	19.35	3	21
	256QAM	1	0	17.48	17.47	17.43	5	19
		1	2	17.48	17.36	17.52	5	19
		1	5	17.32	17.22	17.24	5	19
		3	0	17.41	17.30	17.22	5	19
		3	1	17.36	17.27	17.22	5	19
		3	3	17.38	17.25	17.45	5	19
		6	0	17.32	17.42	17.12	5	19

LTE Band 71 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133222	133322	133372		
		Frequency (MHz)		673	683	688		
20M	QPSK	1	0	**22.37**	22.32	22.21	0	24
		1	50	22.07	22.16	22.00	0	24
		1	99	22.21	22.11	22.07	0	24
		50	0	21.28	21.23	21.21	1	23
		50	25	21.29	21.28	21.24	1	23
		50	50	21.27	21.15	21.21	1	23
		100	0	21.35	21.20	21.25	1	23
	16QAM	1	0	21.61	21.56	21.49	1	23
		1	50	21.55	21.50	21.51	1	23
		1	99	21.57	21.50	21.51	1	23
		50	0	20.51	20.46	20.38	2	22
		50	25	20.32	20.28	20.18	2	22
		50	50	20.32	20.38	20.19	2	22
		100	0	20.34	20.30	20.27	2	22
	64QAM	1	0	20.60	20.47	20.43	2	22
		1	50	20.43	20.44	20.35	2	22
		1	99	20.44	20.43	20.36	2	22
		50	0	19.33	19.43	19.30	3	21
		50	25	19.38	19.44	19.40	3	21
		50	50	19.51	19.39	19.37	3	21
		100	0	19.39	19.39	19.38	3	21
	256QAM	1	0	17.58	17.36	17.28	5	19
		1	50	17.36	17.32	17.30	5	19
		1	99	17.38	17.39	17.35	5	19
		50	0	17.31	17.29	17.22	5	19
		50	25	17.23	17.38	17.30	5	19
		50	50	17.50	17.31	17.31	5	19
		100	0	17.26	17.28	17.27	5	19
BW	Modulation	Channel		133197	133257	133387	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		670.5	680.5	690.5		
15M	QPSK	1	0	22.34	22.31	22.08	0	24
		1	37	22.00	22.08	21.86	0	24
		1	74	22.20	21.98	21.93	0	24
		36	0	21.25	21.15	21.15	1	23
		36	19	21.15	21.15	21.10	1	23
		36	39	21.23	21.05	21.13	1	23
		75	0	21.30	21.08	21.17	1	23
	16QAM	1	0	21.57	21.45	21.35	1	23
		1	37	21.48	21.39	21.46	1	23
		1	74	21.53	21.35	21.41	1	23
		36	0	20.36	20.42	20.36	2	22
		36	19	20.29	20.21	20.15	2	22
		36	39	20.20	20.26	20.16	2	22
		75	0	20.22	20.21	20.12	2	22
	64QAM	1	0	20.45	20.33	20.39	2	22
		1	37	20.37	20.32	20.25	2	22
		1	74	20.34	20.38	20.35	2	22
		36	0	19.22	19.38	19.18	3	21
		36	19	19.24	19.35	19.38	3	21
		36	39	19.47	19.26	19.30	3	21
		75	0	19.26	19.34	19.37	3	21
	256QAM	1	0	17.56	17.35	17.15	5	19
		1	37	17.30	17.22	17.15	5	19
		1	74	17.35	17.32	17.24	5	19
		36	0	17.26	17.19	17.13	5	19
		36	19	17.16	17.33	17.22	5	19
		36	39	17.44	17.27	17.27	5	19
		75	0	17.13	17.17	17.18	5	19
BW	Modulation	Channel		133172	133272	133422	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		668	678	693		
10M	QPSK	1	0	22.30	22.28	22.17	0	24
		1	24	21.99	22.12	21.97	0	24
		1	49	22.17	21.97	22.00	0	24
		25	0	21.14	21.18	21.13	1	23
		25	12	21.14	21.20	21.16	1	23
		25	25	21.18	21.12	21.09	1	23
		50	0	21.27	21.16	21.11	1	23
	16QAM	1	0	21.47	21.53	21.34	1	23
		1	24	21.53	21.40	21.43	1	23
		1	49	21.46	21.37	21.50	1	23
		25	0	20.47	20.43	20.31	2	22
		25	12	20.18	20.21	20.10	2	22
		25	25	20.26	20.31	20.11	2	22
		50	0	20.22	20.26	20.13	2	22
	64QAM	1	0	20.56	20.39	20.36	2	22
		1	24	20.36	20.30	20.25	2	22
		1	49	20.40	20.42	20.24	2	22
		25	0	19.29	19.39	19.28	3	21
		25	12	19.30	19.39	19.29	3	21
		25	25	19.44	19.35	19.23	3	21
		50	0	19.35	19.36	19.34	3	21
	256QAM	1	0	17.52	17.30	17.13	5	19
		1	24	17.31	17.30	17.19	5	19
		1	49	17.31	17.26	17.22	5	19
		25	0	17.24	17.22	17.21	5	19
		25	12	17.22	17.35	17.19	5	19
		25	25	17.45	17.27	17.20	5	19
		50	0	17.16	17.27	17.22	5	19
BW	Modulation	Channel		133147	133247	133467	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		665.5	675.5	695.5		
5M	QPSK	1	0	22.30	22.18	22.16	0	24
		1	12	21.99	22.02	21.96	0	24
		1	24	22.07	22.02	21.99	0	24
		12	0	21.22	21.27	21.06	1	23
		12	6	21.17	21.10	21.16	1	23
		12	13	21.21	21.08	21.16	1	23
		25	0	21.20	21.12	21.19	1	23
	16QAM	1	0	21.48	21.55	21.43	1	23
		1	12	21.47	21.38	21.39	1	23
		1	24	21.51	21.41	21.43	1	23
		12	0	20.37	20.45	20.26	2	22
		12	6	20.18	20.18	20.04	2	22
		12	13	20.17	20.31	20.15	2	22
		25	0	20.24	20.27	20.21	2	22
	64QAM	1	0	20.51	20.42	20.33	2	22
		1	12	20.38	20.30	20.26	2	22
		1	24	20.42	20.39	20.25	2	22
		12	0	19.28	19.37	19.20	3	21
		12	6	19.27	19.32	19.26	3	21
		12	13	19.44	19.28	19.32	3	21
		25	0	19.28	19.26	19.26	3	21
	256QAM	1	0	17.53	17.29	17.23	5	19
		1	12	17.35	17.25	17.29	5	19
		1	24	17.36	17.38	17.25	5	19
		12	0	17.21	17.21	17.14	5	19
		12	6	17.18	17.37	17.21	5	19
		12	13	17.45	17.28	17.17	5	19
		25	0	17.16	17.25	17.16	5	19

LTE Band 2 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.44**	22.34	22.32	0	24
		1	50	22.32	22.32	22.19	0	24
		1	99	22.24	22.19	22.10	0	24
		50	0	21.32	21.33	21.20	1	23
		50	25	21.42	21.37	21.35	1	23
		50	50	21.35	21.36	21.23	1	23
		100	0	21.40	21.35	21.34	1	23
	16QAM	1	0	21.45	21.38	21.34	1	23
		1	50	21.52	21.42	21.39	1	23
		1	99	21.40	21.36	21.26	1	23
		50	0	20.24	20.32	20.20	2	22
		50	25	20.37	20.41	20.34	2	22
		50	50	20.35	20.45	20.32	2	22
		100	0	20.42	20.30	20.26	2	22
	64QAM	1	0	20.39	20.31	20.27	2	22
		1	50	20.38	20.40	20.26	2	22
		1	99	20.46	20.34	20.32	2	22
		50	0	19.31	19.20	19.15	3	21
		50	25	19.41	19.26	19.29	3	21
		50	50	19.35	19.32	19.25	3	21
		100	0	19.42	19.39	19.29	3	21
	256QAM	1	0	17.29	17.28	17.31	5	19
		1	50	17.41	17.36	17.36	5	19
		1	99	17.48	17.38	17.39	5	19
		50	0	17.40	17.40	17.27	5	19
		50	25	17.39	17.25	17.17	5	19
		50	50	17.52	17.44	17.41	5	19
		100	0	17.37	17.36	17.32	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.35	22.32	22.21	0	24
		1	37	22.31	22.22	22.17	0	24
		1	74	22.15	22.14	22.01	0	24
		36	0	21.28	21.19	21.19	1	23
		36	19	21.28	21.26	21.33	1	23
		36	39	21.30	21.34	21.21	1	23
		75	0	21.36	21.31	21.22	1	23
	16QAM	1	0	21.43	21.25	21.33	1	23
		1	37	21.43	21.30	21.28	1	23
		1	74	21.32	21.21	21.17	1	23
		36	0	20.19	20.21	20.15	2	22
		36	19	20.25	20.26	20.30	2	22
		36	39	20.28	20.39	20.19	2	22
		75	0	20.37	20.15	20.16	2	22
	64QAM	1	0	20.31	20.17	20.19	2	22
		1	37	20.25	20.37	20.16	2	22
		1	74	20.42	20.23	20.20	2	22
		36	0	19.24	19.09	19.04	3	21
		36	19	19.27	19.17	19.23	3	21
		36	39	19.28	19.26	19.19	3	21
		75	0	19.35	19.25	19.21	3	21
	256QAM	1	0	17.18	17.15	17.26	5	19
		1	37	17.38	17.32	17.24	5	19
		1	74	17.36	17.30	17.25	5	19
		36	0	17.32	17.31	17.25	5	19
		36	19	17.38	17.16	17.04	5	19
		36	39	17.42	17.39	17.31	5	19
		75	0	17.36	17.29	17.28	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.37	22.27	22.21	0	24
		1	24	22.23	22.19	22.04	0	24
		1	49	22.11	22.10	22.09	0	24
		25	0	21.24	21.28	21.05	1	23
		25	12	21.32	21.22	21.28	1	23
		25	25	21.20	21.23	21.11	1	23
		50	0	21.37	21.28	21.24	1	23
	16QAM	1	0	21.43	21.35	21.22	1	23
		1	24	21.45	21.29	21.32	1	23
		1	49	21.35	21.21	21.11	1	23
		25	0	20.18	20.26	20.09	2	22
		25	12	20.34	20.28	20.28	2	22
		25	25	20.28	20.38	20.25	2	22
		50	0	20.36	20.20	20.24	2	22
	64QAM	1	0	20.30	20.22	20.20	2	22
		1	24	20.24	20.34	20.23	2	22
		1	49	20.43	20.19	20.22	2	22
		25	0	19.27	19.11	19.03	3	21
		25	12	19.37	19.23	19.20	3	21
		25	25	19.27	19.29	19.15	3	21
		50	0	19.29	19.29	19.25	3	21
	256QAM	1	0	17.27	17.15	17.17	5	19
		1	24	17.30	17.31	17.23	5	19
		1	49	17.37	17.30	17.26	5	19
		25	0	17.34	17.30	17.15	5	19
		25	12	17.26	17.20	17.09	5	19
		25	25	17.44	17.40	17.30	5	19
		50	0	17.22	17.24	17.28	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.37	22.25	22.18	0	24
		1	12	22.27	22.30	22.17	0	24
		1	24	22.12	22.07	21.95	0	24
		12	0	21.28	21.18	21.18	1	23
		12	6	21.39	21.27	21.29	1	23
		12	13	21.23	21.31	21.20	1	23
		25	0	21.36	21.22	21.29	1	23
	16QAM	1	0	21.34	21.29	21.33	1	23
		1	12	21.50	21.37	21.32	1	23
		1	24	21.25	21.33	21.13	1	23
		12	0	20.12	20.23	20.09	2	22
		12	6	20.25	20.26	20.24	2	22
		12	13	20.29	20.43	20.19	2	22
		25	0	20.40	20.29	20.22	2	22
	64QAM	1	0	20.36	20.30	20.20	2	22
		1	12	20.25	20.25	20.25	2	22
		1	24	20.45	20.33	20.23	2	22
		12	0	19.25	19.18	19.01	3	21
		12	6	19.39	19.20	19.16	3	21
		12	13	19.24	19.18	19.20	3	21
		25	0	19.32	19.37	19.23	3	21
	256QAM	1	0	17.28	17.26	17.27	5	19
		1	12	17.40	17.22	17.33	5	19
		1	24	17.41	17.25	17.29	5	19
		12	0	17.29	17.28	17.22	5	19
		12	6	17.38	17.14	17.09	5	19
		12	13	17.50	17.43	17.35	5	19
		25	0	17.32	17.33	17.24	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.30	22.22	22.18	0	24
		1	7	22.23	22.29	22.15	0	24
		1	14	22.16	22.17	21.95	0	24
		8	0	21.27	21.19	21.06	1	23
		8	3	21.34	21.22	21.32	1	23
		8	7	21.21	21.34	21.11	1	23
		15	0	21.31	21.29	21.30	1	23
	16QAM	1	0	21.42	21.33	21.31	1	23
		1	7	21.44	21.33	21.37	1	23
		1	14	21.30	21.29	21.17	1	23
		8	0	20.17	20.24	20.17	2	22
		8	3	20.23	20.33	20.19	2	22
		8	7	20.34	20.33	20.28	2	22
		15	0	20.30	20.16	20.16	2	22
	64QAM	1	0	20.25	20.17	20.13	2	22
		1	7	20.35	20.32	20.12	2	22
		1	14	20.38	20.21	20.21	2	22
		8	0	19.21	19.06	19.07	3	21
		8	3	19.33	19.20	19.15	3	21
		8	7	19.29	19.23	19.12	3	21
		15	0	19.34	19.37	19.18	3	21
	256QAM	1	0	17.15	17.15	17.28	5	19
		1	7	17.32	17.21	17.32	5	19
		1	14	17.41	17.32	17.27	5	19
		8	0	17.31	17.25	17.14	5	19
		8	3	17.34	17.22	17.14	5	19
		8	7	17.46	17.36	17.40	5	19
		15	0	17.23	17.28	17.26	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.37	22.27	22.20	0	24
		1	2	22.31	22.28	22.12	0	24
		1	5	22.21	22.07	22.06	0	24
		3	0	22.10	22.02	21.89	0	24
		3	1	22.12	22.11	22.05	0	24
		3	3	22.09	22.14	21.88	0	24
		6	0	21.26	21.29	21.32	1	23
	16QAM	1	0	21.41	21.26	21.20	1	23
		1	2	21.44	21.36	21.34	1	23
		1	5	21.29	21.33	21.15	1	23
		3	0	21.22	21.17	21.17	1	23
		3	1	21.25	21.39	21.26	1	23
		3	3	21.25	21.34	21.29	1	23
		6	0	20.35	20.27	20.19	2	22
	64QAM	1	0	20.36	20.16	20.12	2	22
		1	2	20.36	20.28	20.11	2	22
		1	5	20.37	20.33	20.28	2	22
		3	0	20.26	20.14	20.06	2	22
		3	1	20.28	20.25	20.28	2	22
		3	3	20.33	20.26	20.17	2	22
		6	0	19.36	19.38	19.15	3	21
	256QAM	1	0	17.26	17.27	17.17	5	19
		1	2	17.28	17.27	17.30	5	19
		1	5	17.35	17.37	17.30	5	19
		3	0	17.39	17.32	17.16	5	19
		3	1	17.26	17.11	17.11	5	19
		3	3	17.43	17.42	17.26	5	19
		6	0	17.33	17.21	17.30	5	19

LTE Band 7 (Ant10)

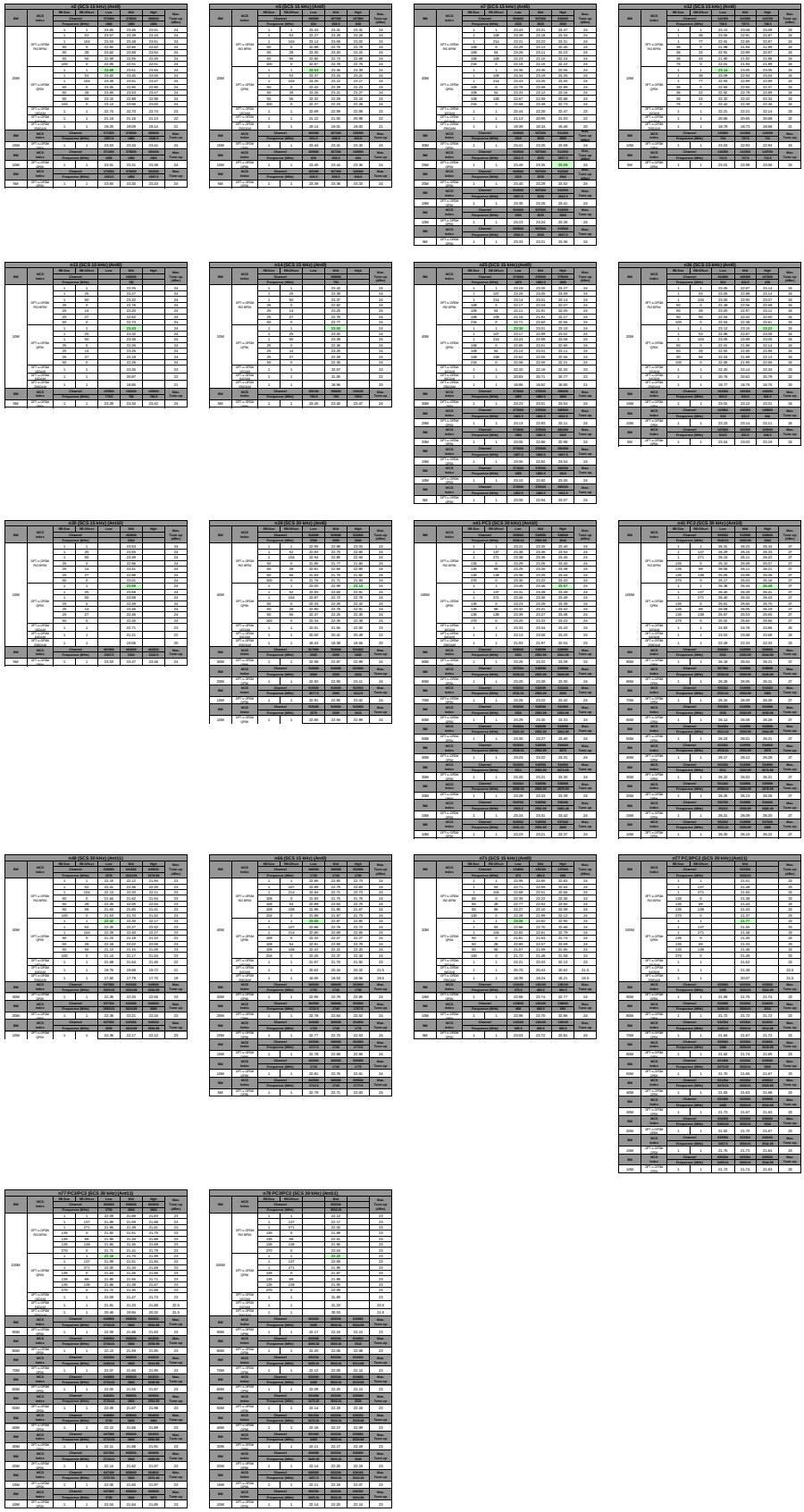
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.41	22.37	22.44	0	24
		1	50	22.38	22.38	22.54	0	24
		1	99	22.46	22.49	**22.58**	0	24
		50	0	21.39	21.37	21.37	1	23
		50	25	21.35	21.39	21.52	1	23
		50	50	21.38	21.35	21.45	1	23
		100	0	21.38	21.43	21.42	1	23
	16QAM	1	0	21.63	21.68	21.67	1	23
		1	50	21.56	21.58	21.69	1	23
		1	99	21.64	21.75	21.79	1	23
		50	0	20.35	20.41	20.48	2	22
		50	25	20.38	20.45	20.51	2	22
		50	50	20.49	20.49	20.48	2	22
		100	0	20.34	20.37	20.53	2	22
	64QAM	1	0	20.40	20.49	20.49	2	22
		1	50	20.50	20.51	20.51	2	22
		1	99	20.47	20.56	20.63	2	22
		50	0	19.39	19.45	19.44	3	21
		50	25	19.35	19.51	19.44	3	21
		50	50	19.48	19.51	19.55	3	21
		100	0	19.45	19.43	19.51	3	21
	256QAM	1	0	17.48	17.55	17.52	5	19
		1	50	17.52	17.56	17.51	5	19
		1	99	17.58	17.56	17.52	5	19
		50	0	17.52	17.47	17.56	5	19
		50	25	17.39	17.40	17.56	5	19
		50	50	17.40	17.52	17.52	5	19
		100	0	17.52	17.49	17.49	5	19
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.36	22.26	22.43	0	24
		1	37	22.24	22.33	22.50	0	24
		1	74	22.33	22.41	22.49	0	24
		36	0	21.27	21.29	21.32	1	23
		36	19	21.33	21.24	21.40	1	23
		36	39	21.35	21.23	21.42	1	23
		75	0	21.33	21.36	21.40	1	23
	16QAM	1	0	21.62	21.63	21.63	1	23
		1	37	21.44	21.49	21.55	1	23
		1	74	21.49	21.61	21.67	1	23
		36	0	20.24	20.27	20.35	2	22
		36	19	20.32	20.37	20.45	2	22
		36	39	20.38	20.35	20.44	2	22
		75	0	20.26	20.23	20.41	2	22
	64QAM	1	0	20.32	20.38	20.38	2	22
		1	37	20.45	20.40	20.45	2	22
		1	74	20.43	20.42	20.54	2	22
		36	0	19.34	19.36	19.31	3	21
		36	19	19.33	19.45	19.35	3	21
		36	39	19.41	19.39	19.41	3	21
		75	0	19.37	19.40	19.36	3	21
	256QAM	1	0	17.35	17.45	17.50	5	19
		1	37	17.39	17.52	17.38	5	19
		1	74	17.48	17.48	17.42	5	19
		36	0	17.51	17.36	17.48	5	19
		36	19	17.26	17.35	17.41	5	19
		36	39	17.25	17.40	17.48	5	19
		75	0	17.47	17.45	17.48	5	19
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.32	22.33	22.37	0	24
		1	24	22.31	22.35	22.48	0	24
		1	49	22.45	22.44	22.50	0	24
		25	0	21.36	21.33	21.24	1	23
		25	12	21.20	21.35	21.39	1	23
		25	25	21.34	21.22	21.37	1	23
		50	0	21.24	21.42	21.33	1	23
	16QAM	1	0	21.55	21.62	21.56	1	23
		1	24	21.54	21.52	21.59	1	23
		1	49	21.62	21.74	21.66	1	23
		25	0	20.22	20.30	20.33	2	22
		25	12	20.23	20.35	20.41	2	22
		25	25	20.40	20.44	20.41	2	22
		50	0	20.27	20.33	20.38	2	22
	64QAM	1	0	20.32	20.44	20.46	2	22
		1	24	20.43	20.36	20.50	2	22
		1	49	20.38	20.51	20.52	2	22
		25	0	19.26	19.41	19.32	3	21
		25	12	19.29	19.47	19.30	3	21
		25	25	19.42	19.45	19.40	3	21
		50	0	19.31	19.41	19.47	3	21
	256QAM	1	0	17.41	17.47	17.38	5	19
		1	24	17.43	17.51	17.42	5	19
		1	49	17.46	17.53	17.49	5	19
		25	0	17.49	17.33	17.55	5	19
		25	12	17.24	17.31	17.50	5	19
		25	25	17.26	17.38	17.39	5	19
		50	0	17.45	17.41	17.36	5	19
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.35	22.34	22.42	0	24
		1	12	22.26	22.31	22.44	0	24
		1	24	22.44	22.47	22.43	0	24
		12	0	21.29	21.23	21.30	1	23
		12	6	21.34	21.38	21.38	1	23
		12	13	21.34	21.27	21.30	1	23
		25	0	21.23	21.42	21.37	1	23
	16QAM	1	0	21.58	21.60	21.66	1	23
		1	12	21.46	21.56	21.67	1	23
		1	24	21.50	21.65	21.69	1	23
		12	0	20.22	20.38	20.41	2	22
		12	6	20.34	20.42	20.50	2	22
		12	13	20.40	20.47	20.41	2	22
		25	0	20.31	20.32	20.49	2	22
	64QAM	1	0	20.31	20.35	20.36	2	22
		1	12	20.46	20.42	20.45	2	22
		1	24	20.34	20.53	20.56	2	22
		12	0	19.26	19.35	19.31	3	21
		12	6	19.20	19.43	19.33	3	21
		12	13	19.36	19.47	19.45	3	21
		25	0	19.39	19.33	19.48	3	21
	256QAM	1	0	17.41	17.40	17.50	5	19
		1	12	17.48	17.53	17.38	5	19
		1	24	17.46	17.42	17.45	5	19
		12	0	17.41	17.45	17.51	5	19
		12	6	17.37	17.35	17.41	5	19
		12	13	17.27	17.41	17.44	5	19
		25	0	17.50	17.44	17.36	5	19

LTE Band 30 (Ant6)

BW	Modulation	RB Size	RB Offset		Mid		3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.02		0	24
		1	24		**23.11**		0	24
		1	49		23.04		0	24
		25	0		21.97		1	23
		25	12		21.96		1	23
		25	25		21.98		1	23
		50	0		21.94		1	23
	16QAM	1	0		22.11		1	23
		1	24		22.14		1	23
		1	49		22.09		1	23
		25	0		21.01		2	22
		25	12		21.03		2	22
		25	25		21.05		2	22
		50	0		20.98		2	22
	64QAM	1	0		20.76		2	22
		1	24		20.78		2	22
		1	49		20.70		2	22
		25	0		20.02		3	21
		25	12		20.03		3	21
		25	25		20.02		3	21
		50	0		19.99		3	21
	256QAM	1	0		17.92		5	19
		1	24		18.13		5	19
		1	49		17.98		5	19
		25	0		17.93		5	19
		25	12		18.04		5	19
		25	25		17.97		5	19
		50	0		18.00		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	22.89	22.95	22.95	0	24
		1	12	23.06	23.09	23.05	0	24
		1	24	22.90	23.02	23.01	0	24
		12	0	21.87	21.83	21.86	1	23
		12	6	21.81	21.83	21.85	1	23
		12	13	21.92	21.84	21.90	1	23
		25	0	21.86	21.86	21.82	1	23
	16QAM	1	0	22.04	22.00	22.03	1	23
		1	12	22.01	22.04	22.03	1	23
		1	24	21.94	22.05	21.94	1	23
		12	0	20.90	20.95	20.93	2	22
		12	6	20.99	21.01	20.89	2	22
		12	13	21.02	21.02	20.98	2	22
		25	0	20.90	20.96	20.95	2	22
	64QAM	1	0	20.70	20.61	20.65	2	22
		1	12	20.67	20.66	20.67	2	22
		1	24	20.69	20.63	20.58	2	22
		12	0	19.98	19.93	19.99	3	21
		12	6	20.01	19.99	20.00	3	21
		12	13	19.91	19.91	20.00	3	21
		25	0	19.90	19.96	19.88	3	21
	256QAM	1	0	17.89	17.89	17.89	5	19
		1	12	17.99	18.11	18.11	5	19
		1	24	17.89	17.86	17.88	5	19
		12	0	17.85	17.80	17.89	5	19
		12	6	17.89	17.97	17.90	5	19
		12	13	17.92	17.90	17.88	5	19
		25	0	17.98	17.93	17.86	5	19

LTE Band 66 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	20.42	**20.45**	20.35	0	22
		1	50	20.40	20.27	20.30	0	22
		1	99	20.27	20.42	20.29	0	22
		50	0	19.32	19.33	19.20	1	21
		50	25	19.45	19.57	19.33	1	21
		50	50	19.42	19.45	19.32	1	21
		100	0	19.42	19.46	19.25	1	21
	16QAM	1	0	19.62	19.72	19.43	1	21
		1	50	19.62	19.52	19.53	1	21
		1	99	19.63	19.58	19.44	1	21
		50	0	18.44	18.40	18.36	2	20
		50	25	18.47	18.39	18.35	2	20
		50	50	18.47	18.63	18.32	2	20
		100	0	18.37	18.41	18.25	2	20
	64QAM	1	0	18.46	18.47	18.34	2	20
		1	50	18.35	18.56	18.20	2	20
		1	99	18.36	18.43	18.23	2	20
		50	0	17.37	17.47	17.27	3	19
		50	25	17.39	17.49	17.20	3	19
		50	50	17.32	17.55	17.31	3	19
		100	0	17.37	17.52	17.41	3	19
	256QAM	1	0	15.40	15.43	15.24	5	17
		1	50	15.44	15.58	15.27	5	17
		1	99	15.54	15.55	15.29	5	17
		50	0	15.35	15.54	15.30	5	17
		50	25	15.41	15.56	15.37	5	17
		50	50	15.39	15.56	15.34	5	17
		100	0	15.42	15.40	15.38	5	17
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	20.33	20.37	20.29	0	22
		1	37	20.36	20.15	20.19	0	22
		1	74	20.14	20.27	20.27	0	22
		36	0	19.27	19.19	19.09	1	21
		36	19	19.30	19.47	19.22	1	21
		36	39	19.48	19.43	19.18	1	21
		75	0	19.35	19.44	19.13	1	21
	16QAM	1	0	19.48	19.68	19.34	1	21
		1	37	19.52	19.44	19.52	1	21
		1	74	19.51	19.50	19.34	1	21
		36	0	18.41	18.30	18.29	2	20
		36	19	18.37	18.25	18.34	2	20
		36	39	18.41	18.51	18.30	2	20
		75	0	18.36	18.38	18.10	2	20
	64QAM	1	0	18.31	18.35	18.23	2	20
		1	37	18.33	18.47	18.16	2	20
		1	74	18.22	18.36	18.14	2	20
		36	0	17.23	17.38	17.15	3	19
		36	19	17.24	17.48	17.05	3	19
		36	39	17.29	17.40	17.19	3	19
		75	0	17.27	17.49	17.26	3	19
	256QAM	1	0	15.34	15.37	15.11	5	17
		1	37	15.35	15.47	15.15	5	17
		1	74	15.41	15.46	15.15	5	17
		36	0	15.27	15.49	15.22	5	17
		36	19	15.32	15.47	15.26	5	17
		36	39	15.27	15.44	15.25	5	17
		75	0	15.29	15.25	15.26	5	17
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	20.27	20.41	20.26	0	22
		1	24	20.26	20.25	20.17	0	22
		1	49	20.25	20.30	20.24	0	22
		25	0	19.17	19.29	19.19	1	21
		25	12	19.33	19.47	19.23	1	21
		25	25	19.35	19.33	19.27	1	21
		50	0	19.41	19.45	19.20	1	21
	16QAM	1	0	19.58	19.62	19.37	1	21
		1	24	19.61	19.44	19.47	1	21
		1	49	19.49	19.44	19.34	1	21
		25	0	18.30	18.27	18.29	2	20
		25	12	18.35	18.32	18.28	2	20
		25	25	18.45	18.55	18.31	2	20
		50	0	18.26	18.39	18.18	2	20
	64QAM	1	0	18.31	18.34	18.26	2	20
		1	24	18.33	18.41	18.05	2	20
		1	49	18.32	18.28	18.20	2	20
		25	0	17.32	17.34	17.18	3	19
		25	12	17.33	17.47	17.15	3	19
		25	25	17.30	17.40	17.27	3	19
		50	0	17.31	17.43	17.39	3	19
	256QAM	1	0	15.37	15.40	15.20	5	17
		1	24	15.42	15.56	15.17	5	17
		1	49	15.51	15.54	15.17	5	17
		25	0	15.20	15.47	15.16	5	17
		25	12	15.30	15.55	15.25	5	17
		25	25	15.32	15.47	15.26	5	17
		50	0	15.33	15.37	15.33	5	17
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	20.40	20.33	20.31	0	22
		1	12	20.30	20.17	20.19	0	22
		1	24	20.26	20.37	20.22	0	22
		12	0	19.28	19.24	19.16	1	21
		12	6	19.35	19.51	19.22	1	21
		12	13	19.38	19.38	19.28	1	21
		25	0	19.40	19.36	19.22	1	21
	16QAM	1	0	19.58	19.57	19.39	1	21
		1	12	19.47	19.45	19.46	1	21
		1	24	19.57	19.43	19.32	1	21
		12	0	18.29	18.39	18.21	2	20
		12	6	18.44	18.26	18.28	2	20
		12	13	18.38	18.51	18.24	2	20
		25	0	18.31	18.27	18.19	2	20
	64QAM	1	0	18.32	18.37	18.20	2	20
		1	12	18.26	18.47	18.19	2	20
		1	24	18.35	18.34	18.09	2	20
		12	0	17.32	17.42	17.26	3	19
		12	6	17.32	17.44	17.10	3	19
		12	13	17.27	17.47	17.27	3	19
		25	0	17.33	17.41	17.29	3	19
	256QAM	1	0	15.29	15.40	15.10	5	17
		1	12	15.29	15.49	15.21	5	17
		1	24	15.46	15.51	15.17	5	17
		12	0	15.34	15.49	15.17	5	17
		12	6	15.34	15.44	15.31	5	17
		12	13	15.33	15.43	15.31	5	17
		25	0	15.28	15.28	15.30	5	17
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	20.41	20.35	20.33	0	22
		1	7	20.29	20.22	20.24	0	22
		1	14	20.12	20.32	20.15	0	22
		8	0	19.29	19.32	19.06	1	21
		8	3	19.29	19.56	19.22	1	21
		8	7	19.48	19.30	19.28	1	21
		15	0	19.38	19.39	19.22	1	21
	16QAM	1	0	19.49	19.59	19.40	1	21
		1	7	19.55	19.41	19.52	1	21
		1	14	19.61	19.53	19.38	1	21
		8	0	18.42	18.31	18.23	2	20
		8	3	18.45	18.38	18.22	2	20
		8	7	18.45	18.55	18.18	2	20
		15	0	18.24	18.31	18.20	2	20
	64QAM	1	0	18.32	18.42	18.29	2	20
		1	7	18.26	18.52	18.15	2	20
		1	14	18.27	18.31	18.21	2	20
		8	0	17.27	17.44	17.14	3	19
		8	3	17.32	17.39	17.11	3	19
		8	7	17.25	17.44	17.29	3	19
		15	0	17.35	17.43	17.36	3	19
	256QAM	1	0	15.25	15.38	15.12	5	17
		1	7	15.30	15.53	15.24	5	17
		1	14	15.42	15.51	15.27	5	17
		8	0	15.25	15.46	15.21	5	17
		8	3	15.33	15.46	15.30	5	17
		8	7	15.28	15.55	15.27	5	17
		15	0	15.38	15.36	15.23	5	17
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	20.27	20.32	20.30	0	22
		1	2	20.37	20.14	20.20	0	22
		1	5	20.12	20.36	20.19	0	22
		3	0	20.03	20.00	19.85	0	22
		3	1	20.12	20.35	20.00	0	22
		3	3	20.17	20.12	20.08	0	22
		6	0	19.28	19.39	19.24	1	21
	16QAM	1	0	19.57	19.67	19.33	1	21
		1	2	19.50	19.38	19.45	1	21
		1	5	19.52	19.44	19.36	1	21
		3	0	19.43	19.30	19.23	1	21
		3	1	19.37	19.38	19.25	1	21
		3	3	19.34	19.58	19.28	1	21
		6	0	18.36	18.34	18.17	2	20
	64QAM	1	0	18.31	18.38	18.28	2	20
		1	2	18.26	18.48	18.16	2	20
		1	5	18.22	18.37	18.17	2	20
		3	0	18.36	18.35	18.14	2	20
		3	1	18.37	18.43	18.08	2	20
		3	3	18.26	18.41	18.29	2	20
		6	0	17.33	17.40	17.40	3	19
	256QAM	1	0	15.31	15.35	15.11	5	17
		1	2	15.43	15.43	15.21	5	17
		1	5	15.45	15.47	15.17	5	17
		3	0	15.25	15.41	15.19	5	17
		3	1	15.39	15.46	15.32	5	17
		3	3	15.38	15.42	15.21	5	17
		6	0	15.31	15.32	15.36	5	17



n2 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.31	23.17	23.46	24
		1	53	23.25	23.11	23.07	24
		1	104	23.10	23.32	23.58	24
		50	0	21.96	22.24	22.09	24
		50	28	23.26	23.16	23.53	24
		50	56	22.26	21.97	22.44	24
		100	0	22.42	22.29	22.07	24
	DFT-s-OFDM QPSK	1	1	23.62	23.39	23.19	24
		1	53	23.50	23.29	23.46	24
		1	104	23.25	23.23	23.21	24
		50	0	22.72	22.63	22.53	24
		50	28	23.19	23.15	23.14	24
		50	56	22.67	22.69	22.84	24
		100	0	22.74	22.84	22.77	24
	DFT-s-OFDM	1	1	22.36	21.96	22.52	23
	DFT-s-OFDM	1	1	20.83	20.73	20.76	22
	DFT-s-OFDM	1	1	18.58	18.65	18.67	21
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM	1	1	23.60	23.29	23.11	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM	1	1	23.51	23.24	23.15	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM	1	1	23.49	23.27	23.16	24

n7 (SCS 15 kHz) (Ant10)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		504000	507000	510000	
		Frequence (MHz)		2628	2535	2550	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.29	23.02	23.24	24
		1	108	23.13	23.13	23.16	24
		1	214	22.04	22.17	22.16	24
		108	0	22.43	22.53	22.46	24
		108	54	22.91	22.97	23.20	24
		108	108	22.37	22.35	22.56	24
		216	0	22.59	22.38	22.78	24
	DFT-s-OFDM QPSK	1	1	23.29	22.99	23.32	24
		1	108	22.93	22.95	23.11	24
		1	214	23.01	23.16	23.32	24
		108	0	21.93	21.96	22.27	24
		108	54	22.97	23.03	23.18	24
		108	108	22.05	22.28	22.16	24
		216	0	22.17	21.91	22.12	24
	DFT-s-OFDM	1	1	21.99	22.29	22.26	23
	DFT-s-OFDM	1	1	20.75	20.94	21.19	22
	DFT-s-OFDM	1	1	19.28	19.26	19.35	21
BW	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM	1	1	23.16	23.11	23.25	24
BW	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM	1	1	23.31	23.13	23.33	24
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM	1	1	23.29	23.02	23.31	24
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM	1	1	23.25	22.98	23.32	24
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM	1	1	23.23	23.09	23.28	24
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM	1	1	23.21	23.12	23.24	24

n38 (SCS 30 kHz) (Ant6)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.72	22.85	24
		1	52	22.37	22.33	22.30	24
		1	104	22.69	22.63	22.57	24
		50	0	21.95	22.35	21.72	23
		50	28	22.84	22.49	22.54	23
		50	56	21.92	22.26	22.16	23
		100	0	22.13	22.22	21.77	23
	DFT-s-OFDM QPSK	1	1	22.87	22.97	23.06	24
		1	52	22.70	22.53	22.60	24
		1	104	22.83	22.80	22.68	24
		50	0	21.72	21.42	21.40	23
		50	28	22.53	22.94	22.75	23
		50	56	21.80	21.90	21.75	23
		100	0	21.72	21.67	21.43	23
	DFT-s-OFDM	1	1	21.71	21.98	21.93	23
	DFT-s-OFDM	1	1	20.29	20.13	19.96	22
	DFT-s-OFDM	1	1	18.38	18.54	18.45	20
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM	1	1	22.77	22.93	22.96	24
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM	1	1	22.74	22.94	22.99	24
BW	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM	1	1	22.84	22.83	23.03	24
BW	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM	1	1	22.86	22.92	22.92	24

n66 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequence (MHz)		1730	1745	1760	
40M	DFT-s-OFDM PI/2 BPSK	1	1	20.80	20.66	20.67	22
		1	107	20.64	20.55	20.46	22
		1	214	20.68	20.54	20.47	22
		108	0	20.25	20.24	20.27	22
		108	54	20.68	20.60	20.45	22
		108	108	20.18	20.00	20.15	22
		216	0	20.23	20.18	20.19	22
	DFT-s-OFDM QPSK	1	1	20.90	20.84	20.70	22
		1	107	20.76	20.61	20.74	22
		1	214	20.55	20.47	20.62	22
		108	0	19.57	19.57	19.68	22
		108	54	20.70	20.63	20.76	22
		108	108	19.76	19.65	19.63	22
		216	0	19.58	19.69	19.66	22
	DFT-s-OFDM	1	1	19.94	19.84	19.73	21
	DFT-s-OFDM	1	1	18.21	18.03	18.12	19.5
	DFT-s-OFDM	1	1	16.41	16.27	16.36	17.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequence (MHz)		1725	1745	1765	
30M	DFT-s-OFDM	1	1	20.86	20.71	20.60	22
BW	MCS Index	Channel		344500	349000	353500	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5	
25M	DFT-s-OFDM	1	1	20.80	20.75	20.67	22
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequence (MHz)		1720	1745	1770	
20M	DFT-s-OFDM	1	1	20.82	20.77	20.59	22
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM	1	1	20.75	20.77	20.65	22
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	DFT-s-OFDM	1	1	20.86	20.75	20.62	22
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM	1	1	20.75	20.80	20.62	22

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		21.49		23
		1	137		21.46		23
		1	271		21.50		23
		135	0		21.36		23
		135	69		21.43		23
		135	138		21.39		23
		270	0		21.34		23
	DFT-s-OFDM QPSK	1	1		21.74		23
		1	137		21.55		23
		1	271		21.45		23
		135	0		21.34		23
		135	69		21.46		23
		135	138		21.45		23
		270	0		21.46		23
	DFT-s-OFDM 16QAM	1	1		21.59		23
	DFT-s-OFDM 64QAM	1	1		21.38		22.5
	DFT-s-OFDM 256QAM	1	1		20.06		21.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	21.68	21.71	21.72	23
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	21.68	21.72	21.72	23
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	21.61	21.62	21.71	23
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	21.58	21.69	21.65	23
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	21.70	21.60	21.63	23
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	21.60	21.63	21.67	23
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	21.73	21.65	21.62	23
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	21.60	21.67	21.65	23
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	21.70	21.70	21.62	23
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	21.70	21.74	21.59	23

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.07	21.66	21.78	23
		1	137	21.95	21.55	21.87	23
		1	271	21.95	21.38	21.61	23
		135	0	21.81	21.50	21.70	23
		135	69	21.89	21.33	21.66	23
		135	138	21.78	21.41	21.67	23
		270	0	21.69	21.41	21.79	23
	DFT-s-OFDM QPSK	1	1	22.15	21.65	21.98	23
		1	137	21.94	21.49	21.83	23
		1	271	21.99	21.31	21.64	23
		135	0	21.61	21.41	21.66	23
		135	69	21.84	21.51	21.69	23
		135	138	21.83	21.35	21.67	23
		270	0	21.68	21.34	21.64	23
	DFT-s-OFDM 16QAM	1	1	22.05	21.47	21.73	23
	DFT-s-OFDM 64QAM	1	1	21.81	21.30	21.67	22.5
	DFT-s-OFDM 256QAM	1	1	20.42	19.91	20.29	21.5
BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	22.07	21.63	21.88	23
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	22.08	21.56	21.82	23
BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.06	21.56	21.92	23
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	22.05	21.52	21.82	23
BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	22.09	21.63	21.93	23
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	22.08	21.61	21.89	23
BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	22.08	21.67	21.89	23
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	22.09	21.59	21.94	23
BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM QPSK	1	1	22.04	21.59	21.95	23
BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequence (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	22.01	21.60	21.85	23

n78 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		22.09		23
		1	137		22.16		23
		1	271		22.00		23
		135	0		21.83		23
		135	69		22.00		23
		135	138		21.94		23
		270	0		22.00		23
	DFT-s-OFDM QPSK	1	1		22.21		23
		1	137		22.07		23
		1	271		21.94		23
		135	0		21.87		23
		135	69		21.84		23
		135	138		21.94		23
		270	0		22.08		23
	DFT-s-OFDM 16QAM	1	1		21.85		23
	DFT-s-OFDM 64QAM	1	1		21.22		22.5
	DFT-s-OFDM 256QAM	1	1		20.48		21.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	22.12	22.15	22.10	23
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	22.17	22.03	22.06	23
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.07	22.07	22.10	23
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	22.04	22.16	22.11	23
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	22.09	22.19	22.15	23
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	22.16	22.17	22.07	23
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	22.08	22.17	22.16	23
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	22.11	22.18	22.17	23
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	22.10	22.16	22.02	23
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	22.13	22.19	22.12	23

DSI2 Power

Band	GSM850 (Ant0)				GSM1900 (Ant0)			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	**27.25**	27.05	27.16	29.00	28.94	**29.06**	29.03	30.50
GPRS 1Tx Slot	27.24	27.04	27.14	29.00	28.93	29.05	29.01	30.50
GPRS 2Tx Slot	25.21	25.45	25.28	27.00	27.09	26.94	26.97	28.50
GPRS 3Tx Slot	23.23	23.47	23.31	25.00	25.12	25.05	24.95	26.50
GPRS 4Tx Slot	21.26	21.43	21.26	23.00	22.75	22.90	22.93	24.50
EDGE 1Tx Slot	26.22	26.10	26.18	27.50	25.47	25.46	25.27	26.50
EDGE 2Tx Slot	25.01	24.98	24.82	26.50	24.04	24.29	24.06	25.50
EDGE 3Tx Slot	23.84	23.66	23.86	25.50	22.90	23.17	22.98	24.50
EDGE 4Tx Slot	21.74	21.71	21.68	23.50	21.86	22.06	22.00	23.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	18.25	18.05	18.16	20.00	19.94	20.06	20.03	21.50
GPRS 1Tx Slot	18.24	18.04	18.14	20.00	19.93	20.05	20.01	21.50
GPRS 2Tx Slot	19.21	19.45	19.28	21.00	21.09	20.94	20.97	22.50
GPRS 3Tx Slot	18.97	19.21	19.05	20.74	20.86	20.79	20.69	22.24
GPRS 4Tx Slot	18.26	18.43	18.26	20.00	19.75	19.90	19.93	21.50
EDGE 1Tx Slot	17.22	17.10	17.18	18.50	16.47	16.46	16.27	17.50
EDGE 2Tx Slot	19.01	18.98	18.82	20.50	18.04	18.29	18.06	19.50
EDGE 3Tx Slot	19.58	19.40	19.60	21.24	18.64	18.91	18.72	20.24
EDGE 4Tx Slot	18.74	18.71	18.68	20.50	18.86	19.06	19.00	20.50

Band	WCDMA II (Ant0)			WCDMA II	WCDMA IV (Ant0)			WCDMA IV	WCDMA V (Ant0)			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	**22.98**	22.97	22.87	**24.00**	22.85	**22.86**	22.83	**24.00**	22.87	**22.94**	22.88	**24.00**
HSDPA Subtest-1	22.06	22.02	22.05	23.00	21.89	21.89	21.90	23.00	21.95	21.91	21.91	23.00
HSDPA Subtest-2	21.96	22.06	21.97	23.00	21.82	21.88	21.86	23.00	21.93	21.88	21.99	23.00
HSDPA Subtest-3	21.55	21.49	21.36	22.50	21.30	21.35	21.33	22.50	21.42	21.40	21.46	22.50
HSDPA Subtest-4	21.51	21.50	21.46	22.50	21.41	21.44	21.41	22.50	21.45	21.47	21.35	22.50
DC-HSDPA Subtest-1	22.04	22.04	21.96	23.00	21.86	21.92	21.90	23.00	21.96	21.82	21.99	23.00
DC-HSDPA Subtest-2	22.00	22.06	22.03	23.00	21.87	21.87	21.83	23.00	21.89	21.89	21.94	23.00
DC-HSDPA Subtest-3	21.54	21.56	21.34	22.50	21.35	21.38	21.41	22.50	21.33	21.41	21.43	22.50
DC-HSDPA Subtest-4	21.54	21.42	21.35	22.50	21.40	21.45	21.35	22.50	21.36	21.39	21.38	22.50
HSUPA Subtest-1	21.97	22.02	21.85	23.00	21.90	21.87	21.90	23.00	21.95	21.98	21.94	23.00
HSUPA Subtest-2	19.94	20.04	19.82	21.00	19.86	19.81	19.84	21.00	19.92	19.93	19.95	21.00
HSUPA Subtest-3	21.03	20.95	20.93	22.00	20.80	20.94	20.82	22.00	20.84	20.92	20.89	22.00
HSUPA Subtest-4	20.00	20.03	19.82	21.00	19.93	19.85	19.86	21.00	19.96	19.99	19.93	21.00
HSUPA Subtest-5	22.06	22.04	21.95	23.00	21.82	21.86	21.87	23.00	21.85	22.00	21.84	23.00
HSPA+ Subtest-1	19.50	19.44	19.36	20.50	19.36	19.38	19.41	20.50	19.34	19.44	19.40	20.50

LTE Band 2 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.56**	22.52	22.42	0	24
		1	50	22.46	22.45	22.33	0	24
		1	99	22.28	22.32	22.30	0	24
		50	0	21.59	21.49	21.41	1	23
		50	25	21.64	21.53	21.58	1	23
		50	50	21.62	21.50	21.55	1	23
		100	0	21.59	21.48	21.52	1	23
	16QAM	1	0	21.54	21.51	21.48	1	23
		1	50	21.57	21.56	21.48	1	23
		1	99	21.49	21.45	21.32	1	23
		50	0	20.54	20.52	20.49	2	22
		50	25	20.62	20.56	20.48	2	22
		50	50	20.52	20.59	20.43	2	22
		100	0	20.66	20.58	20.57	2	22
	64QAM	1	0	20.59	20.57	20.52	2	22
		1	50	20.49	20.47	20.42	2	22
		1	99	20.48	20.50	20.35	2	22
		50	0	19.52	19.50	19.46	3	21
		50	25	19.68	19.63	19.52	3	21
		50	50	19.53	19.53	19.43	3	21
		100	0	19.68	19.49	19.46	3	21
	256QAM	1	0	17.56	17.45	17.49	5	19
		1	50	17.42	17.42	17.33	5	19
		1	99	17.41	17.48	17.22	5	19
		50	0	17.43	17.36	17.37	5	19
		50	25	17.67	17.48	17.46	5	19
		50	50	17.42	17.49	17.33	5	19
		100	0	17.56	17.40	17.38	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.53	22.43	22.35	0	24
		1	37	22.38	22.41	22.31	0	24
		1	74	22.27	22.18	22.23	0	24
		36	0	21.48	21.45	21.40	1	23
		36	19	21.59	21.49	21.43	1	23
		36	39	21.50	21.38	21.46	1	23
		75	0	21.44	21.35	21.45	1	23
	16QAM	1	0	21.46	21.45	21.35	1	23
		1	37	21.56	21.54	21.38	1	23
		1	74	21.44	21.34	21.29	1	23
		36	0	20.49	20.39	20.34	2	22
		36	19	20.53	20.51	20.33	2	22
		36	39	20.37	20.48	20.38	2	22
		75	0	20.64	20.54	20.49	2	22
	64QAM	1	0	20.44	20.51	20.42	2	22
		1	37	20.35	20.37	20.36	2	22
		1	74	20.47	20.40	20.33	2	22
		36	0	19.41	19.48	19.40	3	21
		36	19	19.57	19.52	19.38	3	21
		36	39	19.38	19.49	19.35	3	21
		75	0	19.57	19.42	19.39	3	21
	256QAM	1	0	17.53	17.40	17.45	5	19
		1	37	17.40	17.33	17.18	5	19
		1	74	17.33	17.36	17.18	5	19
		36	0	17.35	17.28	17.30	5	19
		36	19	17.57	17.47	17.39	5	19
		36	39	17.38	17.35	17.19	5	19
		75	0	17.44	17.34	17.35	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.47	22.49	22.30	0	24
		1	24	22.44	22.32	22.23	0	24
		1	49	22.19	22.17	22.16	0	24
		25	0	21.57	21.38	21.33	1	23
		25	12	21.63	21.48	21.51	1	23
		25	25	21.60	21.40	21.41	1	23
		50	0	21.44	21.45	21.46	1	23
	16QAM	1	0	21.45	21.40	21.33	1	23
		1	24	21.55	21.45	21.46	1	23
		1	49	21.43	21.38	21.30	1	23
		25	0	20.44	20.43	20.38	2	22
		25	12	20.52	20.44	20.39	2	22
		25	25	20.41	20.54	20.37	2	22
		50	0	20.56	20.46	20.54	2	22
	64QAM	1	0	20.48	20.46	20.38	2	22
		1	24	20.45	20.41	20.32	2	22
		1	49	20.34	20.47	20.20	2	22
		25	0	19.40	19.42	19.33	3	21
		25	12	19.65	19.61	19.39	3	21
		25	25	19.47	19.46	19.41	3	21
		50	0	19.54	19.35	19.37	3	21
	256QAM	1	0	17.54	17.39	17.41	5	19
		1	24	17.37	17.37	17.25	5	19
		1	49	17.37	17.39	17.07	5	19
		25	0	17.39	17.29	17.36	5	19
		25	12	17.61	17.35	17.45	5	19
		25	25	17.32	17.46	17.21	5	19
		50	0	17.41	17.37	17.30	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.42	22.50	22.38	0	24
		1	12	22.38	22.38	22.29	0	24
		1	24	22.21	22.31	22.18	0	24
		12	0	21.54	21.45	21.31	1	23
		12	6	21.52	21.44	21.44	1	23
		12	13	21.57	21.40	21.52	1	23
		25	0	21.48	21.36	21.43	1	23
	16QAM	1	0	21.48	21.48	21.36	1	23
		1	12	21.45	21.48	21.47	1	23
		1	24	21.36	21.31	21.24	1	23
		12	0	20.51	20.39	20.40	2	22
		12	6	20.51	20.46	20.36	2	22
		12	13	20.45	20.44	20.33	2	22
		25	0	20.61	20.56	20.54	2	22
	64QAM	1	0	20.44	20.50	20.43	2	22
		1	12	20.37	20.40	20.35	2	22
		1	24	20.44	20.38	20.31	2	22
		12	0	19.44	19.48	19.33	3	21
		12	6	19.54	19.53	19.50	3	21
		12	13	19.48	19.42	19.40	3	21
		25	0	19.65	19.37	19.44	3	21
	256QAM	1	0	17.46	17.34	17.45	5	19
		1	12	17.35	17.37	17.26	5	19
		1	24	17.28	17.47	17.17	5	19
		12	0	17.36	17.27	17.26	5	19
		12	6	17.61	17.33	17.36	5	19
		12	13	17.37	17.34	17.25	5	19
		25	0	17.54	17.30	17.35	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.43	22.42	22.36	0	24
		1	7	22.43	22.33	22.25	0	24
		1	14	22.19	22.22	22.27	0	24
		8	0	21.51	21.47	21.26	1	23
		8	3	21.49	21.46	21.54	1	23
		8	7	21.55	21.42	21.46	1	23
		15	0	21.55	21.39	21.49	1	23
	16QAM	1	0	21.53	21.44	21.36	1	23
		1	7	21.55	21.43	21.46	1	23
		1	14	21.48	21.44	21.17	1	23
		8	0	20.52	20.43	20.38	2	22
		8	3	20.51	20.44	20.43	2	22
		8	7	20.49	20.54	20.34	2	22
		15	0	20.64	20.50	20.44	2	22
	64QAM	1	0	20.48	20.49	20.41	2	22
		1	7	20.48	20.43	20.32	2	22
		1	14	20.41	20.42	20.28	2	22
		8	0	19.39	19.45	19.31	3	21
		8	3	19.58	19.59	19.37	3	21
		8	7	19.43	19.51	19.36	3	21
		15	0	19.54	19.46	19.37	3	21
	256QAM	1	0	17.55	17.39	17.36	5	19
		1	7	17.31	17.36	17.28	5	19
		1	14	17.33	17.36	17.09	5	19
		8	0	17.28	17.27	17.32	5	19
		8	3	17.58	17.35	17.44	5	19
		8	7	17.36	17.41	17.25	5	19
		15	0	17.47	17.28	17.23	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.41	22.46	22.38	0	24
		1	2	22.45	22.43	22.27	0	24
		1	5	22.20	22.28	22.23	0	24
		3	0	22.27	22.14	22.19	0	24
		3	1	22.41	22.27	22.37	0	24
		3	3	22.35	22.24	22.29	0	24
		6	0	21.48	21.34	21.42	1	23
	16QAM	1	0	21.53	21.47	21.44	1	23
		1	2	21.47	21.41	21.40	1	23
		1	5	21.38	21.34	21.18	1	23
		3	0	21.42	21.51	21.42	1	23
		3	1	21.49	21.45	21.45	1	23
		3	3	21.47	21.51	21.34	1	23
		6	0	20.55	20.44	20.48	2	22
	64QAM	1	0	20.49	20.53	20.37	2	22
		1	2	20.43	20.34	20.32	2	22
		1	5	20.44	20.43	20.25	2	22
		3	0	20.49	20.42	20.32	2	22
		3	1	20.53	20.49	20.44	2	22
		3	3	20.49	20.40	20.38	2	22
		6	0	19.66	19.37	19.42	3	21
	256QAM	1	0	17.48	17.31	17.39	5	19
		1	2	17.30	17.35	17.24	5	19
		1	5	17.38	17.47	17.21	5	19
		3	0	17.40	17.27	17.26	5	19
		3	1	17.54	17.33	17.44	5	19
		3	3	17.40	17.34	17.26	5	19
		6	0	17.47	17.35	17.35	5	19

LTE Band 4 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	**22.57**	22.47	22.50	0	24
		1	50	22.39	22.42	22.45	0	24
		1	99	22.35	22.44	22.37	0	24
		50	0	21.45	21.35	21.43	1	23
		50	25	21.58	21.47	21.53	1	23
		50	50	21.52	21.52	21.47	1	23
		100	0	21.49	21.54	21.51	1	23
	16QAM	1	0	21.70	21.60	21.73	1	23
		1	50	21.55	21.46	21.43	1	23
		1	99	21.61	21.52	21.55	1	23
		50	0	20.45	20.50	20.42	2	22
		50	25	20.55	20.57	20.58	2	22
		50	50	20.57	20.51	20.45	2	22
		100	0	20.51	20.50	20.54	2	22
	64QAM	1	0	20.62	20.61	20.61	2	22
		1	50	20.52	20.50	20.54	2	22
		1	99	20.65	20.48	20.63	2	22
		50	0	19.57	19.50	19.52	3	21
		50	25	19.51	19.47	19.43	3	21
		50	50	19.53	19.44	19.51	3	21
		100	0	19.58	19.58	19.47	3	21
	256QAM	1	0	17.58	17.60	17.56	5	19
		1	50	17.45	17.46	17.53	5	19
		1	99	17.62	17.46	17.60	5	19
		50	0	17.42	17.37	17.51	5	19
		50	25	17.42	17.33	17.37	5	19
		50	50	17.44	17.32	17.38	5	19
		100	0	17.55	17.54	17.43	5	19
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	22.42	22.44	22.36	0	24
		1	37	22.37	22.34	22.31	0	24
		1	74	22.22	22.41	22.33	0	24
		36	0	21.43	21.25	21.34	1	23
		36	19	21.48	21.35	21.46	1	23
		36	39	21.40	21.44	21.35	1	23
		75	0	21.44	21.42	21.37	1	23
	16QAM	1	0	21.69	21.50	21.60	1	23
		1	37	21.43	21.43	21.41	1	23
		1	74	21.49	21.51	21.43	1	23
		36	0	20.42	20.39	20.39	2	22
		36	19	20.51	20.42	20.48	2	22
		36	39	20.47	20.37	20.34	2	22
		75	0	20.50	20.49	20.46	2	22
	64QAM	1	0	20.54	20.59	20.58	2	22
		1	37	20.44	20.42	20.41	2	22
		1	74	20.63	20.34	20.59	2	22
		36	0	19.50	19.44	19.38	3	21
		36	19	19.42	19.39	19.36	3	21
		36	39	19.41	19.39	19.36	3	21
		75	0	19.52	19.46	19.42	3	21
	256QAM	1	0	17.50	17.49	17.52	5	19
		1	37	17.41	17.43	17.46	5	19
		1	74	17.54	17.33	17.58	5	19
		36	0	17.40	17.34	17.40	5	19
		36	19	17.28	17.25	17.28	5	19
		36	39	17.41	17.18	17.23	5	19
		75	0	17.49	17.53	17.42	5	19
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	22.51	22.43	22.35	0	24
		1	24	22.30	22.33	22.31	0	24
		1	49	22.20	22.41	22.29	0	24
		25	0	21.40	21.23	21.35	1	23
		25	12	21.44	21.34	21.38	1	23
		25	25	21.48	21.39	21.32	1	23
		50	0	21.42	21.46	21.40	1	23
	16QAM	1	0	21.59	21.48	21.64	1	23
		1	24	21.51	21.42	21.31	1	23
		1	49	21.46	21.43	21.46	1	23
		25	0	20.43	20.37	20.38	2	22
		25	12	20.41	20.43	20.48	2	22
		25	25	20.50	20.49	20.33	2	22
		50	0	20.46	20.40	20.44	2	22
	64QAM	1	0	20.49	20.50	20.53	2	22
		1	24	20.43	20.37	20.44	2	22
		1	49	20.56	20.35	20.49	2	22
		25	0	19.54	19.42	19.44	3	21
		25	12	19.41	19.38	19.42	3	21
		25	25	19.39	19.39	19.40	3	21
		50	0	19.55	19.53	19.36	3	21
	256QAM	1	0	17.55	17.59	17.50	5	19
		1	24	17.31	17.42	17.45	5	19
		1	49	17.61	17.34	17.57	5	19
		25	0	17.38	17.31	17.50	5	19
		25	12	17.38	17.32	17.33	5	19
		25	25	17.43	17.17	17.37	5	19
		50	0	17.54	17.43	17.28	5	19
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	22.54	22.33	22.47	0	24
		1	12	22.24	22.31	22.39	0	24
		1	24	22.24	22.41	22.35	0	24
		12	0	21.39	21.23	21.38	1	23
		12	6	21.54	21.42	21.42	1	23
		12	13	21.51	21.40	21.46	1	23
		25	0	21.37	21.45	21.36	1	23
	16QAM	1	0	21.63	21.51	21.59	1	23
		1	12	21.47	21.34	21.40	1	23
		1	24	21.49	21.45	21.48	1	23
		12	0	20.39	20.44	20.32	2	22
		12	6	20.50	20.42	20.53	2	22
		12	13	20.53	20.50	20.30	2	22
		25	0	20.41	20.35	20.51	2	22
	64QAM	1	0	20.51	20.50	20.59	2	22
		1	12	20.42	20.43	20.42	2	22
		1	24	20.63	20.39	20.59	2	22
		12	0	19.51	19.44	19.37	3	21
		12	6	19.50	19.45	19.38	3	21
		12	13	19.48	19.31	19.36	3	21
		25	0	19.55	19.52	19.43	3	21
	256QAM	1	0	17.48	17.53	17.52	5	19
		1	12	17.43	17.44	17.51	5	19
		1	24	17.61	17.45	17.46	5	19
		12	0	17.34	17.36	17.50	5	19
		12	6	17.34	17.29	17.31	5	19
		12	13	17.43	17.23	17.30	5	19
		25	0	17.54	17.45	17.41	5	19
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	22.56	22.46	22.37	0	24
		1	7	22.35	22.40	22.41	0	24
		1	14	22.31	22.35	22.30	0	24
		8	0	21.33	21.34	21.31	1	23
		8	3	21.45	21.32	21.49	1	23
		8	7	21.43	21.38	21.34	1	23
		15	0	21.34	21.40	21.45	1	23
	16QAM	1	0	21.69	21.48	21.60	1	23
		1	7	21.45	21.34	21.36	1	23
		1	14	21.56	21.49	21.52	1	23
		8	0	20.38	20.36	20.30	2	22
		8	3	20.54	20.42	20.44	2	22
		8	7	20.44	20.43	20.44	2	22
		15	0	20.46	20.38	20.46	2	22
	64QAM	1	0	20.57	20.53	20.58	2	22
		1	7	20.42	20.49	20.51	2	22
		1	14	20.63	20.39	20.51	2	22
		8	0	19.43	19.35	19.48	3	21
		8	3	19.50	19.33	19.39	3	21
		8	7	19.39	19.29	19.43	3	21
		15	0	19.43	19.55	19.34	3	21
	256QAM	1	0	17.43	17.53	17.55	5	19
		1	7	17.31	17.38	17.46	5	19
		1	14	17.61	17.44	17.54	5	19
		8	0	17.32	17.34	17.44	5	19
		8	3	17.35	17.31	17.29	5	19
		8	7	17.43	17.28	17.34	5	19
		15	0	17.42	17.49	17.34	5	19
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	22.52	22.35	22.44	0	24
		1	2	22.34	22.41	22.35	0	24
		1	5	22.26	22.31	22.33	0	24
		3	0	22.10	22.14	22.11	0	24
		3	1	22.34	22.13	22.19	0	24
		3	3	22.29	22.30	22.25	0	24
		6	0	21.41	21.41	21.46	1	23
	16QAM	1	0	21.61	21.53	21.60	1	23
		1	2	21.51	21.42	21.30	1	23
		1	5	21.57	21.38	21.45	1	23
		3	0	21.32	21.49	21.31	1	23
		3	1	21.45	21.55	21.49	1	23
		3	3	21.49	21.42	21.43	1	23
		6	0	20.49	20.38	20.44	2	22
	64QAM	1	0	20.48	20.52	20.52	2	22
		1	2	20.40	20.45	20.47	2	22
		1	5	20.61	20.34	20.55	2	22
		3	0	20.54	20.48	20.42	2	22
		3	1	20.46	20.46	20.38	2	22
		3	3	20.47	20.29	20.37	2	22
		6	0	19.46	19.56	19.46	3	21
	256QAM	1	0	17.52	17.51	17.43	5	19
		1	2	17.43	17.44	17.44	5	19
		1	5	17.61	17.43	17.50	5	19
		3	0	17.40	17.33	17.48	5	19
		3	1	17.28	17.25	17.28	5	19
		3	3	17.34	17.25	17.31	5	19
		6	0	17.49	17.40	17.33	5	19

LTE Band 5 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	22.49	22.55	**22.66**	0	24
		1	24	22.58	22.45	22.49	0	24
		1	49	22.46	22.48	22.58	0	24
		25	0	21.57	21.49	21.57	1	23
		25	12	21.54	21.61	21.62	1	23
		25	25	21.65	21.53	21.61	1	23
		50	0	21.65	21.63	21.58	1	23
	16QAM	1	0	21.79	21.73	21.77	1	23
		1	24	21.70	21.61	21.67	1	23
		1	49	21.67	21.66	21.67	1	23
		25	0	20.52	20.53	20.59	2	22
		25	12	20.68	20.53	20.65	2	22
		25	25	20.70	20.67	20.73	2	22
		50	0	20.63	20.56	20.60	2	22
	64QAM	1	0	20.63	20.66	20.76	2	22
		1	24	20.67	20.73	20.76	2	22
		1	49	20.61	20.60	20.56	2	22
		25	0	19.58	19.59	19.69	3	21
		25	12	19.61	19.59	19.60	3	21
		25	25	19.57	19.60	19.62	3	21
		50	0	19.48	19.48	19.58	3	21
	256QAM	1	0	17.61	17.62	17.71	5	19
		1	24	17.57	17.65	17.64	5	19
		1	49	17.49	17.52	17.42	5	19
		25	0	17.50	17.57	17.62	5	19
		25	12	17.46	17.49	17.55	5	19
		25	25	17.51	17.48	17.59	5	19
		50	0	17.41	17.42	17.45	5	19
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	22.35	22.51	22.61	0	24
		1	12	22.55	22.31	22.48	0	24
		1	24	22.32	22.39	22.47	0	24
		12	0	21.56	21.48	21.46	1	23
		12	6	21.43	21.55	21.51	1	23
		12	13	21.51	21.52	21.48	1	23
		25	0	21.55	21.50	21.57	1	23
	16QAM	1	0	21.76	21.58	21.73	1	23
		1	12	21.60	21.50	21.58	1	23
		1	24	21.66	21.56	21.63	1	23
		12	0	20.46	20.44	20.56	2	22
		12	6	20.65	20.42	20.60	2	22
		12	13	20.60	20.59	20.63	2	22
		25	0	20.52	20.49	20.59	2	22
	64QAM	1	0	20.56	20.57	20.68	2	22
		1	12	20.53	20.69	20.70	2	22
		1	24	20.59	20.46	20.52	2	22
		12	0	19.51	19.57	19.64	3	21
		12	6	19.52	19.48	19.50	3	21
		12	13	19.48	19.58	19.49	3	21
		25	0	19.38	19.38	19.45	3	21
	256QAM	1	0	17.58	17.51	17.57	5	19
		1	12	17.48	17.61	17.51	5	19
		1	24	17.42	17.42	17.29	5	19
		12	0	17.45	17.48	17.57	5	19
		12	6	17.32	17.39	17.42	5	19
		12	13	17.42	17.42	17.47	5	19
		25	0	17.35	17.34	17.41	5	19
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	22.40	22.51	22.60	0	24
		1	7	22.44	22.36	22.38	0	24
		1	14	22.35	22.44	22.44	0	24
		8	0	21.42	21.46	21.42	1	23
		8	3	21.42	21.58	21.54	1	23
		8	7	21.57	21.46	21.54	1	23
		15	0	21.63	21.55	21.57	1	23
	16QAM	1	0	21.71	21.72	21.67	1	23
		1	7	21.58	21.50	21.55	1	23
		1	14	21.62	21.58	21.59	1	23
		8	0	20.50	20.50	20.53	2	22
		8	3	20.60	20.47	20.56	2	22
		8	7	20.58	20.66	20.70	2	22
		15	0	20.50	20.42	20.58	2	22
	64QAM	1	0	20.57	20.55	20.66	2	22
		1	7	20.61	20.59	20.72	2	22
		1	14	20.54	20.48	20.55	2	22
		8	0	19.45	19.54	19.60	3	21
		8	3	19.50	19.50	19.58	3	21
		8	7	19.50	19.47	19.49	3	21
		15	0	19.33	19.33	19.44	3	21
	256QAM	1	0	17.58	17.54	17.57	5	19
		1	7	17.46	17.53	17.61	5	19
		1	14	17.34	17.44	17.41	5	19
		8	0	17.45	17.51	17.48	5	19
		8	3	17.38	17.36	17.52	5	19
		8	7	17.42	17.46	17.50	5	19
		15	0	17.39	17.35	17.39	5	19
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	22.37	22.45	22.64	0	24
		1	2	22.48	22.36	22.46	0	24
		1	5	22.43	22.46	22.49	0	24
		3	0	22.34	22.24	22.35	0	24
		3	1	22.19	22.26	22.37	0	24
		3	3	22.32	22.23	22.40	0	24
		6	0	21.61	21.60	21.51	1	23
	16QAM	1	0	21.78	21.68	21.76	1	23
		1	2	21.62	21.47	21.63	1	23
		1	5	21.64	21.65	21.53	1	23
		3	0	21.45	21.46	21.46	1	23
		3	1	21.62	21.43	21.61	1	23
		3	3	21.63	21.55	21.60	1	23
		6	0	20.57	20.43	20.58	2	22
	64QAM	1	0	20.55	20.51	20.71	2	22
		1	2	20.54	20.60	20.67	2	22
		1	5	20.58	20.46	20.44	2	22
		3	0	20.47	20.52	20.65	2	22
		3	1	20.46	20.50	20.49	2	22
		3	3	20.43	20.54	20.47	2	22
		6	0	19.34	19.45	19.56	3	21
	256QAM	1	0	17.57	17.49	17.63	5	19
		1	2	17.49	17.55	17.54	5	19
		1	5	17.34	17.42	17.37	5	19
		3	0	17.46	17.53	17.48	5	19
		3	1	17.31	17.47	17.47	5	19
		3	3	17.40	17.37	17.45	5	19
		6	0	17.40	17.38	17.30	5	19

LTE Band 7 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.37	22.50	22.44	0	24
		1	50	22.45	22.55	22.52	0	24
		1	99	22.49	22.57	**22.68**	0	24
		50	0	21.46	21.45	21.53	1	23
		50	25	21.48	21.53	21.63	1	23
		50	50	21.60	21.65	21.68	1	23
		100	0	21.44	21.49	21.57	1	23
	16QAM	1	0	21.64	21.76	21.80	1	23
		1	50	21.78	21.81	21.83	1	23
		1	99	21.74	21.82	21.90	1	23
		50	0	20.52	20.54	20.52	2	22
		50	25	20.48	20.55	20.60	2	22
		50	50	20.59	20.78	20.70	2	22
		100	0	20.53	20.60	20.63	2	22
	64QAM	1	0	20.50	20.51	20.57	2	22
		1	50	20.57	20.71	20.78	2	22
		1	99	20.68	20.76	20.71	2	22
		50	0	19.50	19.59	19.55	3	21
		50	25	19.50	19.66	19.60	3	21
		50	50	19.65	19.70	19.75	3	21
		100	0	19.56	19.65	19.57	3	21
	256QAM	1	0	17.42	17.37	17.59	5	19
		1	50	17.45	17.64	17.61	5	19
		1	99	17.36	17.53	17.61	5	19
		50	0	16.20	16.35	16.42	5	19
		50	25	16.55	16.49	16.53	5	19
		50	50	16.47	16.44	16.47	5	19
		100	0	16.36	16.37	16.39	5	19
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.31	22.42	22.40	0	24
		1	37	22.37	22.42	22.48	0	24
		1	74	22.44	22.44	22.57	0	24
		36	0	21.32	21.32	21.43	1	23
		36	19	21.37	21.47	21.53	1	23
		36	39	21.48	21.60	21.62	1	23
		75	0	21.38	21.34	21.53	1	23
	16QAM	1	0	21.59	21.71	21.77	1	23
		1	37	21.74	21.80	21.74	1	23
		1	74	21.69	21.70	21.81	1	23
		36	0	20.45	20.51	20.40	2	22
		36	19	20.43	20.44	20.57	2	22
		36	39	20.53	20.75	20.55	2	22
		75	0	20.39	20.49	20.59	2	22
	64QAM	1	0	20.48	20.43	20.54	2	22
		1	37	20.43	20.67	20.65	2	22
		1	74	20.59	20.74	20.61	2	22
		36	0	19.36	19.58	19.46	3	21
		36	19	19.35	19.55	19.52	3	21
		36	39	19.59	19.61	19.73	3	21
		75	0	19.52	19.55	19.48	3	21
	256QAM	1	0	17.29	17.32	17.54	5	19
		1	37	17.39	17.51	17.56	5	19
		1	74	17.27	17.43	17.52	5	19
		36	0	16.17	16.34	16.32	5	19
		36	19	16.43	16.39	16.41	5	19
		36	39	16.44	16.31	16.34	5	19
		75	0	16.34	16.24	16.24	5	19
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.31	22.43	22.32	0	24
		1	24	22.40	22.41	22.51	0	24
		1	49	22.47	22.49	22.60	0	24
		25	0	21.34	21.39	21.43	1	23
		25	12	21.46	21.47	21.61	1	23
		25	25	21.46	21.55	21.53	1	23
		50	0	21.32	21.45	21.54	1	23
	16QAM	1	0	21.59	21.71	21.67	1	23
		1	24	21.71	21.66	21.76	1	23
		1	49	21.69	21.77	21.80	1	23
		25	0	20.45	20.50	20.41	2	22
		25	12	20.45	20.54	20.54	2	22
		25	25	20.46	20.70	20.63	2	22
		50	0	20.40	20.59	20.49	2	22
	64QAM	1	0	20.49	20.45	20.43	2	22
		1	24	20.46	20.62	20.67	2	22
		1	49	20.57	20.65	20.58	2	22
		25	0	19.41	19.44	19.52	3	21
		25	12	19.43	19.51	19.58	3	21
		25	25	19.52	19.60	19.60	3	21
		50	0	19.42	19.55	19.55	3	21
	256QAM	1	0	17.37	17.26	17.58	5	19
		1	24	17.43	17.52	17.50	5	19
		1	49	17.30	17.45	17.52	5	19
		25	0	16.05	16.27	16.36	5	19
		25	12	16.42	16.48	16.47	5	19
		25	25	16.35	16.32	16.40	5	19
		50	0	16.24	16.27	16.27	5	19
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.26	22.43	22.33	0	24
		1	12	22.30	22.45	22.48	0	24
		1	24	22.38	22.53	22.56	0	24
		12	0	21.31	21.38	21.40	1	23
		12	6	21.33	21.48	21.54	1	23
		12	13	21.57	21.61	21.58	1	23
		25	0	21.42	21.38	21.47	1	23
	16QAM	1	0	21.55	21.62	21.69	1	23
		1	12	21.69	21.66	21.69	1	23
		1	24	21.63	21.71	21.81	1	23
		12	0	20.48	20.48	20.37	2	22
		12	6	20.40	20.46	20.50	2	22
		12	13	20.53	20.70	20.61	2	22
		25	0	20.40	20.57	20.57	2	22
	64QAM	1	0	20.40	20.47	20.43	2	22
		1	12	20.45	20.62	20.69	2	22
		1	24	20.54	20.71	20.59	2	22
		12	0	19.36	19.47	19.43	3	21
		12	6	19.38	19.58	19.49	3	21
		12	13	19.51	19.59	19.73	3	21
		25	0	19.49	19.54	19.42	3	21
	256QAM	1	0	17.31	17.36	17.48	5	19
		1	12	17.32	17.51	17.50	5	19
		1	24	17.29	17.42	17.55	5	19
		12	0	16.10	16.31	16.28	5	19
		12	6	16.41	16.39	16.42	5	19
		12	13	16.35	16.35	16.34	5	19
		25	0	16.33	16.29	16.33	5	19

LTE Band 12 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23060	23095	23130		
		Frequency (MHz)		704	707.5	711		
10M	QPSK	1	0	22.32	22.23	22.28	0	24
		1	24	22.39	22.36	22.34	0	24
		1	49	**22.42**	22.38	22.34	0	24
		25	0	21.39	21.24	21.31	1	23
		25	12	21.36	21.39	21.31	1	23
		25	25	21.40	21.40	21.35	1	23
		50	0	21.39	21.32	21.36	1	23
	16QAM	1	0	21.53	21.43	21.47	1	23
		1	24	21.53	21.49	21.52	1	23
		1	49	21.54	21.52	21.56	1	23
		25	0	20.36	20.27	20.35	2	22
		25	12	20.47	20.38	20.49	2	22
		25	25	20.47	20.44	20.41	2	22
		50	0	20.44	20.34	20.39	2	22
	64QAM	1	0	20.51	20.37	20.39	2	22
		1	24	20.48	20.48	20.48	2	22
		1	49	20.52	20.56	20.49	2	22
		25	0	19.27	19.39	19.37	3	21
		25	12	19.51	19.33	19.44	3	21
		25	25	19.48	19.37	19.51	3	21
		50	0	19.35	19.42	19.32	3	21
	256QAM	1	0	17.47	17.25	17.38	5	19
		1	24	17.42	17.42	17.35	5	19
		1	49	17.38	17.45	17.38	5	19
		25	0	17.17	17.23	17.36	5	19
		25	12	17.44	17.31	17.40	5	19
		25	25	17.34	17.23	17.37	5	19
		50	0	17.23	17.32	17.24	5	19

BW	Modulation	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
5M	QPSK	1	0	22.30	22.16	22.16	0	24
		1	12	22.28	22.25	22.19	0	24
		1	24	22.39	22.15	22.29	0	24
		12	0	21.33	21.15	21.27	1	23
		12	6	21.25	21.28	21.26	1	23
		12	13	21.29	21.36	21.28	1	23
		25	0	21.24	21.25	21.26	1	23
	16QAM	1	0	21.48	21.28	21.43	1	23
		1	12	21.51	21.38	21.45	1	23
		1	24	21.53	21.37	21.41	1	23
		12	0	20.33	20.22	20.30	2	22
		12	6	20.32	20.34	20.30	2	22
		12	13	20.41	20.43	20.38	2	22
		25	0	20.38	20.29	20.36	2	22
	64QAM	1	0	20.38	20.28	20.34	2	22
		1	12	20.42	20.34	20.36	2	22
		1	24	20.51	20.48	20.42	2	22
		12	0	19.23	19.26	19.23	3	21
		12	6	19.39	19.24	19.33	3	21
		12	13	19.43	19.37	19.47	3	21
		25	0	19.21	19.27	19.21	3	21
	256QAM	1	0	17.42	17.11	17.27	5	19
		1	12	17.32	17.33	17.36	5	19
		1	24	17.17	17.32	17.33	5	19
		12	0	17.05	17.08	17.34	5	19
		12	6	17.42	17.20	17.32	5	19
		12	13	17.31	17.09	17.34	5	19
		25	0	17.13	17.22	17.13	5	19

BW	Modulation	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		700.5	707.5	714.5		
3M	QPSK	1	0	22.24	22.20	22.18	0	24
		1	7	22.25	22.18	22.19	0	24
		1	14	22.27	22.21	22.19	0	24
		8	0	21.21	21.23	21.24	1	23
		8	3	21.35	21.28	21.22	1	23
		8	7	21.37	21.31	21.32	1	23
		15	0	21.30	21.30	21.35	1	23
	16QAM	1	0	21.49	21.37	21.33	1	23
		1	7	21.48	21.48	21.45	1	23
		1	14	21.50	21.46	21.48	1	23
		8	0	20.37	20.18	20.30	2	22
		8	3	20.43	20.34	20.44	2	22
		8	7	20.44	20.41	20.26	2	22
		15	0	20.28	20.31	20.27	2	22
	64QAM	1	0	20.44	20.27	20.28	2	22
		1	7	20.41	20.43	20.41	2	22
		1	14	20.37	20.41	20.37	2	22
		8	0	19.17	19.21	19.28	3	21
		8	3	19.43	19.18	19.34	3	21
		8	7	19.34	19.28	19.47	3	21
		15	0	19.33	19.32	19.31	3	21
	256QAM	1	0	17.46	17.34	17.18	5	19
		1	7	17.39	17.31	17.34	5	19
		1	14	17.30	17.40	17.26	5	19
		8	0	17.08	17.12	17.26	5	19
		8	3	17.35	17.30	17.39	5	19
		8	7	17.18	17.11	17.36	5	19
		15	0	17.21	17.23	17.21	5	19

BW	Modulation	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		699.7	707.5	715.3		
1.4M	QPSK	1	0	22.33	22.08	22.27	0	24
		1	2	22.33	22.11	22.20	0	24
		1	5	22.33	22.18	22.26	0	24
		3	0	21.96	21.97	22.03	0	24
		3	1	22.07	22.11	22.04	0	24
		3	3	22.09	22.18	22.02	0	24
		6	0	21.26	21.22	21.32	1	23
	16QAM	1	0	21.46	21.29	21.45	1	23
		1	2	21.41	21.40	21.38	1	23
		1	5	21.40	21.40	21.52	1	23
		3	0	21.39	21.19	21.29	1	23
		3	1	21.43	21.37	21.46	1	23
		3	3	21.43	21.43	21.46	1	23
		6	0	20.37	20.33	20.26	2	22
	64QAM	1	0	20.50	20.34	20.34	2	22
		1	2	20.43	20.42	20.33	2	22
		1	5	20.51	20.43	20.35	2	22
		3	0	20.12	20.34	20.23	2	22
		3	1	20.50	20.26	20.36	2	22
		3	3	20.45	20.32	20.49	2	22
		6	0	19.23	19.39	19.31	3	21
	256QAM	1	0	17.37	17.12	17.26	5	19
		1	2	17.32	17.30	17.28	5	19
		1	5	17.25	17.36	17.28	5	19
		3	0	17.07	17.14	17.34	5	19
		3	1	17.31	17.18	17.27	5	19
		3	3	17.24	17.08	17.26	5	19
		6	0	17.14	17.30	17.21	5	19

LTE Band 13 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23230		
		Frequency (MHz)		782		
10M	QPSK	1	0	22.54	0	24
		1	24	**22.57**	0	24
		1	49	22.49	0	24
		25	0	21.57	1	23
		25	12	21.59	1	23
		25	25	21.58	1	23
		50	0	21.56	1	22
	16QAM	1	0	21.71	1	23
		1	24	21.73	1	23
		1	49	21.65	1	23
		25	0	20.56	2	22
		25	12	20.60	2	22
		25	25	20.62	2	22
		50	0	20.59	2	22
	64QAM	1	0	20.74	2	22
		1	24	20.80	2	22
		1	49	20.83	2	22
		25	0	19.58	3	21
		25	12	19.56	3	21
		25	25	19.61	3	21
		50	0	19.58	3	21
	256QAM	1	0	17.66	5	19
		1	24	17.65	5	19
		1	49	17.56	5	19
		25	0	17.55	5	19
		25	12	17.41	5	19
		25	25	17.60	5	19
		50	0	17.52	5	19

BW	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		779.5	782	784.5		
5M	QPSK	1	0	22.46	22.48	22.52	0	24
		1	12	22.47	22.46	22.45	0	24
		1	24	22.37	22.47	22.40	0	24
		12	0	21.43	21.53	21.50	1	23
		12	6	21.52	21.42	21.52	1	23
		12	13	21.54	21.47	21.56	1	23
		25	0	21.50	21.43	21.45	1	23
	16QAM	1	0	21.70	21.63	21.67	1	23
		1	12	21.66	21.58	21.67	1	23
		1	24	21.52	21.63	21.53	1	23
		12	0	20.43	20.46	20.55	2	22
		12	6	20.57	20.46	20.56	2	22
		12	13	20.57	20.58	20.56	2	22
		25	0	20.54	20.59	20.52	2	22
	64QAM	1	0	20.71	20.61	20.68	2	22
		1	12	20.78	20.72	20.79	2	22
		1	24	20.56	20.53	20.66	2	22
		12	0	19.50	19.49	19.56	3	21
		12	6	19.51	19.45	19.55	3	21
		12	13	19.50	19.48	19.54	3	21
		25	0	19.45	19.48	19.44	3	21
	256QAM	1	0	17.57	17.65	17.64	5	19
		1	12	17.53	17.57	17.61	5	19
		1	24	17.51	17.41	17.42	5	19
		12	0	17.41	17.52	17.52	5	19
		12	6	17.39	17.30	17.37	5	19
		12	13	17.51	17.45	17.58	5	19
		25	0	17.43	17.43	17.47	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	**22.71**	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19

BW	Modulation	Channel		23303	23330	23355	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5	793	795.5		
5M	QPSK	1	0	22.54	22.65	22.61	0	24
		1	12	22.68	22.68	22.57	0	24
		1	24	22.46	22.50	22.50	0	24
		12	0	21.57	21.58	21.59	1	23
		12	6	21.55	21.56	21.50	1	23
		12	13	21.51	21.53	21.64	1	23
		25	0	21.49	21.54	21.56	1	23
	16QAM	1	0	21.61	21.67	21.69	1	23
		1	12	21.64	21.77	21.73	1	23
		1	24	21.54	21.62	21.58	1	23
		12	0	20.60	20.54	20.60	2	22
		12	6	20.53	20.56	20.60	2	22
		12	13	20.59	20.52	20.65	2	22
		25	0	20.64	20.61	20.55	2	22
	64QAM	1	0	20.79	20.74	20.76	2	22
		1	12	20.78	20.85	20.74	2	22
		1	24	20.75	20.65	20.75	2	22
		12	0	19.59	19.53	19.63	3	21
		12	6	19.57	19.55	19.62	3	21
		12	13	19.57	19.59	19.67	3	21
		25	0	19.47	19.60	19.60	3	21
	256QAM	1	0	17.77	17.64	17.64	5	19
		1	12	17.71	17.71	17.75	5	19
		1	24	17.63	17.63	17.66	5	19
		12	0	17.48	17.47	17.52	5	19
		12	6	17.55	17.52	17.48	5	19
		12	13	17.47	17.60	17.50	5	19
		25	0	17.45	17.44	17.38	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23790	23790	23830		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	**22.60**	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.65	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.46	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.56	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.36	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.39	5	19

BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.48	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.48	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.30	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1860	1880	1905		
20M	QPSK	1	0	22.47	22.56	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.45	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.49	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19

BW	Modulation	Channel		26115	26340	26615	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19

BW	Modulation	Channel		26090	26340	26640	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19

BW	Modulation	Channel		26065	26340	26665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19

BW	Modulation	Channel		26055	26340	26675	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19

BW	Modulation	Channel		26047	26340	26683	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1914.3		
1.4M	QPSK	1	0	22.39	22.51	22.18	0	24
		1	2	22.43	22.51	22.27	0	24
		1	5	22.15	22.31	22.15	0	24
		3	0	22.30	22.41	22.27	0	24
		3	1	22.37	22.41	22.31	0	24
		3	3	22.21	22.23	22.18	0	24
		6	0	21.45	21.53	21.40	1	23
	16QAM	1	0	21.57	21.63	21.43	1	23
		1	2	21.42	21.55	21.36	1	23
		1	5	21.43	21.45	21.31	1	23
		3	0	21.50	21.49	21.25	1	23
		3	1	21.44	21.46	21.29	1	23
		3	3	21.44	21.43	21.39	1	23
		6	0	20.53	20.44	20.39	2	22
	64QAM	1	0	20.56	20.63	20.49	2	22
		1	2	20.31	20.41	20.29	2	22
		1	5	20.27	20.32	20.31	2	22
		3	0	20.49	20.48	20.28	2	22
		3	1	20.48	20.48	20.42	2	22
		3	3	20.48	20.49	20.30	2	22
		6	0	19.43	19.45	19.41	3	21
	256QAM	1	0	17.54	17.48	17.43	5	19
		1	2	17.33	17.21	17.27	5	19
		1	5	17.18	17.30	17.25	5	19
		3	0	17.44	17.33	17.14	5	19
		3	1	17.38	17.50	17.23	5	19
		3	3	17.34	17.42	17.35	5	19
		6	0	17.37	17.47	17.22	5	19

LTE Band 26 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15M	QPSK	1	0	22.21	22.08	22.09	0	24
		1	37	22.16	22.08	22.07	0	24
		1	74	22.07	22.05	22.05	0	24
		36	0	21.13	21.13	21.18	1	23
		36	19	21.19	21.15	21.18	1	23
		36	39	21.28	21.26	21.22	1	23
		75	0	21.20	21.14	21.25	1	23
	16QAM	1	0	21.36	21.34	21.29	1	23
		1	37	21.32	21.23	21.18	1	23
		1	74	21.18	21.23	21.18	1	23
		36	0	20.25	20.19	20.17	2	22
		36	19	20.21	20.21	20.15	2	22
		36	39	20.24	20.25	20.28	2	22
		75	0	20.25	20.25	20.26	2	22
	64QAM	1	0	20.27	20.29	20.28	2	22
		1	37	20.38	20.24	20.37	2	22
		1	74	20.30	20.28	20.28	2	22
		36	0	19.16	19.24	19.17	3	21
		36	19	19.21	19.12	19.18	3	21
		36	39	19.22	19.26	19.26	3	21
		75	0	19.32	19.26	19.29	3	21
	256QAM	1	0	17.25	17.16	17.14	5	19
		1	37	17.26	17.14	17.33	5	19
		1	74	17.28	17.15	17.18	5	19
		36	0	17.01	17.21	17.06	5	19
		36	19	17.10	17.06	17.17	5	19
		36	39	17.07	17.12	17.23	5	19
		75	0	17.20	17.12	17.19	5	19

BW	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10M	QPSK	1	0	22.14	22.00	22.05	0	24
		1	24	22.05	22.02	21.96	0	24
		1	49	21.95	21.93	22.04	0	24
		25	0	21.04	21.05	21.03	1	23
		25	12	21.09	21.00	21.14	1	23
		25	25	21.17	21.20	21.17	1	23
		50	0	21.19	21.06	21.14	1	23
	16QAM	1	0	21.29	21.29	21.19	1	23
		1	24	21.25	21.20	21.14	1	23
		1	49	21.15	21.18	21.16	1	23
		25	0	20.18	20.09	20.03	2	22
		25	12	20.09	20.08	20.07	2	22
		25	25	20.14	20.23	20.17	2	22
		50	0	20.22	20.22	20.12	2	22
	64QAM	1	0	20.13	20.28	20.25	2	22
		1	24	20.26	20.15	20.27	2	22
		1	49	20.28	20.19	20.14	2	22
		25	0	19.03	19.20	19.11	3	21
		25	12	19.14	19.02	19.05	3	21
		25	25	19.11	19.11	19.22	3	21
		50	0	19.24	19.25	19.17	3	21
	256QAM	1	0	17.10	17.09	17.05	5	19
		1	24	17.12	17.04	17.21	5	19
		1	49	17.23	17.06	17.16	5	19
		25	0	16.98	17.20	16.97	5	19
		25	12	17.02	16.97	17.02	5	19
		25	25	17.05	17.11	17.18	5	19
		50	0	17.11	16.98	17.06	5	19

BW	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5M	QPSK	1	0	22.16	21.94	21.97	0	24
		1	12	22.03	21.94	21.96	0	24
		1	24	21.97	21.96	21.91	0	24
		12	0	21.10	21.01	21.12	1	23
		12	6	21.06	21.10	21.17	1	23
		12	13	21.03	21.13	21.14	1	23
		25	0	21.12	21.10	21.20	1	23
	16QAM	1	0	21.28	21.27	21.14	1	23
		1	12	21.25	21.18	21.04	1	23
		1	24	21.09	21.11	21.15	1	23
		12	0	20.10	20.08	20.07	2	22
		12	6	20.15	20.09	20.14	2	22
		12	13	20.15	20.14	20.24	2	22
		25	0	20.19	20.12	20.18	2	22
	64QAM	1	0	20.18	20.16	20.17	2	22
		1	12	20.27	20.09	20.26	2	22
		1	24	20.27	20.26	20.21	2	22
		12	0	19.11	19.21	19.04	3	21
		12	6	19.14	19.03	19.14	3	21
		12	13	19.08	19.21	19.11	3	21
		25	0	19.24	19.13	19.27	3	21
	256QAM	1	0	17.13	17.07	17.12	5	19
		1	12	17.22	17.03	17.20	5	19
		1	24	17.21	17.01	17.14	5	19
		12	0	16.99	17.16	17.01	5	19
		12	6	16.97	17.04	17.05	5	19
		12	13	17.02	17.00	17.09	5	19
		25	0	17.10	17.01	17.12	5	19

BW	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3M	QPSK	1	0	22.20	22.07	22.05	0	24
		1	7	22.14	22.02	22.06	0	24
		1	14	22.00	21.97	22.04	0	24
		8	0	20.99	21.06	21.16	1	23
		8	3	21.05	21.13	21.09	1	23
		8	7	21.16	21.14	21.26	1	23
		15	0	21.12	21.05	21.18	1	23
	16QAM	1	0	21.23	21.25	21.14	1	23
		1	7	21.29	21.11	21.08	1	23
		1	14	21.17	21.22	21.13	1	23
		8	0	20.16	20.07	20.11	2	22
		8	3	20.17	20.06	20.08	2	22
		8	7	20.12	20.24	20.18	2	22
		15	0	20.12	20.18	20.25	2	22
	64QAM	1	0	20.16	20.27	20.19	2	22
		1	7	20.28	20.20	20.28	2	22
		1	14	20.29	20.16	20.14	2	22
		8	0	19.06	19.16	19.02	3	21
		8	3	19.13	19.02	19.14	3	21
		8	7	19.18	19.16	19.15	3	21
		15	0	19.28	19.12	19.17	3	21
	256QAM	1	0	17.16	17.04	17.12	5	19
		1	7	17.22	17.03	17.22	5	19
		1	14	17.23	17.00	17.09	5	19
		8	0	16.88	17.09	17.00	5	19
		8	3	16.96	16.96	17.13	5	19
		8	7	16.96	16.99	17.20	5	19
		15	0	17.11	16.98	17.04	5	19

BW	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4M	QPSK	1	0	22.16	22.00	21.98	0	24
		1	2	22.12	22.00	22.01	0	24
		1	5	22.02	21.95	21.91	0	24
		3	0	21.91	21.83	21.85	0	24
		3	1	21.84	21.87	21.90	0	24
		3	3	21.88	21.94	22.00	0	24
		6	0	21.13	21.05	21.21	1	23
	16QAM	1	0	21.28	21.28	21.23	1	23
		1	2	21.24	21.11	21.05	1	23
		1	5	21.04	21.13	21.09	1	23
		3	0	21.16	21.10	21.04	1	23
		3	1	21.13	21.08	21.14	1	23
		3	3	21.17	21.21	21.22	1	23
		6	0	20.17	20.22	20.22	2	22
	64QAM	1	0	20.19	20.26	20.20	2	22
		1	2	20.32	20.22	20.25	2	22
		1	5	20.26	20.13	20.21	2	22
		3	0	20.08	20.23	20.06	2	22
		3	1	20.09	20.11	20.14	2	22
		3	3	20.10	20.16	20.20	2	22
		6	0	19.29	19.12	19.22	3	21
	256QAM	1	0	17.17	17.05	17.11	5	19
		1	2	17.11	16.99	17.28	5	19
		1	5	17.27	17.01	17.08	5	19
		3	0	16.96	17.06	17.03	5	19
		3	1	17.08	16.98	17.04	5	19
		3	3	17.02	17.08	17.11	5	19
		6	0	17.08	16.97	17.14	5	19

LTE Band 30 (Ant10)

BW	Modulation	RB Size	RB Offset		Mid		3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		21.07		0	22
		1	24		21.14		0	22
		1	49		21.05		0	22
		25	0		20.00		1	21
		25	12		20.15		1	21
		25	25		20.11		1	21
		50	0		19.97		1	21
	16QAM	1	0		20.13		1	21
		1	24		20.33		1	21
		1	49		20.14		1	21
		25	0		19.14		2	20
		25	12		19.17		2	20
		25	25		19.03		2	20
		50	0		19.09		2	20
	64QAM	1	0		19.16		2	20
		1	24		19.23		2	20
		1	49		19.19		2	20
		25	0		18.12		3	19
		25	12		18.13		3	19
		25	25		18.08		3	19
		50	0		17.97		3	19
	256QAM	1	0		16.15		5	17
		1	24		16.17		5	17
		1	49		16.09		5	17
		25	0		16.02		5	17
		25	12		16.02		5	17
		25	25		15.95		5	17
		50	0		16.00		5	17

BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	20.95	21.06	21.00	0	22
		1	12	21.11	21.06	21.10	0	22
		1	24	20.93	21.01	21.04	0	22
		12	0	19.91	19.89	19.86	1	21
		12	6	20.00	20.05	19.96	1	21
		12	13	20.06	19.97	20.07	1	21
		25	0	19.82	19.92	19.83	1	21
	16QAM	1	0	20.00	20.05	20.11	1	21
		1	12	20.25	20.21	20.28	1	21
		1	24	19.99	20.13	20.03	1	21
		12	0	19.09	19.00	19.03	2	20
		12	6	19.11	19.12	19.10	2	20
		12	13	18.92	19.01	18.94	2	20
		25	0	19.04	18.95	19.00	2	20
	64QAM	1	0	19.03	19.03	19.03	2	20
		1	12	19.18	19.12	19.20	2	20
		1	24	19.10	19.04	19.17	2	20
		12	0	18.11	17.99	18.05	3	19
		12	6	18.11	17.99	18.06	3	19
		12	13	17.97	17.93	18.07	3	19
		25	0	17.95	17.90	17.84	3	19
	256QAM	1	0	16.04	16.07	16.00	5	17
		1	12	16.13	16.13	16.06	5	17
		1	24	16.02	15.94	15.98	5	17
		12	0	15.89	15.88	15.98	5	17
		12	6	16.00	15.96	15.98	5	17
		12	13	15.82	15.82	15.90	5	17
		25	0	15.96	15.90	15.88	5	17

LTE Band 38 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20M	QPSK	1	0	22.49	22.59	22.72	0	24
		1	50	22.62	22.64	22.79	0	24
		1	99	22.54	22.61	22.65	0	24
		50	0	21.53	21.60	21.70	1	23
		50	25	21.62	21.65	21.76	1	23
		50	50	21.69	21.67	21.80	1	23
		100	0	21.70	21.77	21.79	1	23
	16QAM	1	0	21.57	21.56	21.63	1	23
		1	50	21.59	21.64	21.70	1	23
		1	99	21.56	21.70	21.73	1	23
		50	0	20.54	20.66	20.63	2	22
		50	25	20.68	20.69	20.72	2	22
		50	50	20.64	20.72	20.74	2	22
		100	0	20.61	20.72	20.70	2	22
	64QAM	1	0	20.58	20.62	20.62	2	22
		1	50	20.63	20.73	20.77	2	22
		1	99	20.61	20.68	20.74	2	22
		50	0	19.57	19.59	19.69	3	21
		50	25	19.67	19.71	19.77	3	21
		50	50	19.71	19.79	19.79	3	21
		100	0	19.65	19.80	19.83	3	21
	256QAM	1	0	17.55	17.60	17.65	5	19
		1	50	17.68	17.70	17.77	5	19
		1	99	17.55	17.50	17.48	5	19
		50	0	17.46	17.61	17.68	5	19
		50	25	17.59	17.65	17.81	5	19
		50	50	17.67	17.81	17.90	5	19
		100	0	17.57	17.80	17.70	5	19

BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	22.35	22.44	22.58	0	24
		1	37	22.58	22.61	22.77	0	24
		1	74	22.48	22.51	22.57	0	24
		36	0	21.39	21.49	21.69	1	23
		36	19	21.50	21.59	21.72	1	23
		36	39	21.62	21.59	21.70	1	23
		75	0	21.56	21.74	21.76	1	23
	16QAM	1	0	21.51	21.49	21.52	1	23
		1	37	21.51	21.50	21.68	1	23
		1	74	21.44	21.68	21.65	1	23
		36	0	20.48	20.63	20.48	2	22
		36	19	20.65	20.56	20.71	2	22
		36	39	20.53	20.63	20.65	2	22
		75	0	20.56	20.60	20.62	2	22
	64QAM	1	0	20.46	20.49	20.52	2	22
		1	37	20.56	20.64	20.66	2	22
		1	74	20.48	20.58	20.65	2	22
		36	0	19.45	19.46	19.54	3	21
		36	19	19.52	19.70	19.72	3	21
		36	39	19.65	19.69	19.76	3	21
		75	0	19.58	19.67	19.72	3	21
	256QAM	1	0	17.54	17.58	17.56	5	19
		1	37	17.56	17.64	17.68	5	19
		1	74	17.52	17.41	17.41	5	19
		36	0	17.42	17.46	17.55	5	19
		36	19	17.50	17.63	17.76	5	19
		36	39	17.60	17.72	17.85	5	19
		75	0	17.54	17.75	17.55	5	19

BW	Modulation	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615		
10M	QPSK	1	0	22.44	22.51	22.66	0	24
		1	24	22.50	22.50	22.64	0	24
		1	49	22.48	22.49	22.60	0	24
		25	0	21.43	21.58	21.67	1	23
		25	12	21.57	21.55	21.69	1	23
		25	25	21.66	21.52	21.65	1	23
		50	0	21.55	21.64	21.75	1	23
	16QAM	1	0	21.53	21.49	21.56	1	23
		1	24	21.52	21.55	21.59	1	23
		1	49	21.53	21.65	21.59	1	23
		25	0	20.53	20.61	20.59	2	22
		25	12	20.60	20.63	20.71	2	22
		25	25	20.54	20.62	20.72	2	22
		50	0	20.47	20.67	20.59	2	22
	64QAM	1	0	20.45	20.54	20.59	2	22
		1	24	20.54	20.63	20.64	2	22
		1	49	20.49	20.63	20.71	2	22
		25	0	19.45	19.54	19.67	3	21
		25	12	19.64	19.59	19.70	3	21
		25	25	19.65	19.70	19.64	3	21
		50	0	19.59	19.70	19.74	3	21
	256QAM	1	0	17.42	17.47	17.61	5	19
		1	24	17.67	17.61	17.66	5	19
		1	49	17.48	17.37	17.35	5	19
		25	0	17.36	17.57	17.55	5	19
		25	12	17.44	17.52	17.70	5	19
		25	25	17.65	17.74	17.80	5	19
		50	0	17.54	17.69	17.63	5	19

BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	22.46	22.52	22.66	0	24
		1	12	22.47	22.50	22.68	0	24
		1	24	22.43	22.53	22.63	0	24
		12	0	21.38	21.52	21.64	1	23
		12	6	21.48	21.57	21.66	1	23
		12	13	21.65	21.52	21.69	1	23
		25	0	21.62	21.65	21.78	1	23
	16QAM	1	0	21.51	21.42	21.52	1	23
		1	12	21.44	21.59	21.61	1	23
		1	24	21.45	21.55	21.60	1	23
		12	0	20.46	20.65	20.54	2	22
		12	6	20.59	20.66	20.63	2	22
		12	13	20.50	20.60	20.71	2	22
		25	0	20.57	20.64	20.64	2	22
	64QAM	1	0	20.54	20.60	20.48	2	22
		1	12	20.58	20.67	20.75	2	22
		1	24	20.58	20.66	20.72	2	22
		12	0	19.45	19.44	19.61	3	21
		12	6	19.53	19.65	19.67	3	21
		12	13	19.63	19.70	19.65	3	21
		25	0	19.51	19.78	19.82	3	21
	256QAM	1	0	17.41	17.54	17.61	5	19
		1	12	17.60	17.69	17.67	5	19
		1	24	17.49	17.38	17.39	5	19
		12	0	17.45	17.48	17.66	5	19
		12	6	17.49	17.61	17.77	5	19
		12	13	17.59	17.75	17.76	5	19
		25	0	17.54	17.73	17.63	5	19

LTE Band 41 (2496 ~ 2690MHz) (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.06	23.06	23.26	23.23	**23.30**	0	24
		1	50	23.02	22.88	23.05	23.12	23.12	0	24
		1	99	23.06	22.95	23.22	23.24	23.29	0	24
		50	0	22.06	21.97	22.19	22.23	22.24	1	23
		50	25	21.99	21.91	22.10	22.22	22.15	1	23
		50	50	22.01	21.89	22.15	22.09	22.21	1	23
		100	0	22.01	21.97	22.10	22.22	22.26	1	23
	16QAM	1	0	22.12	22.02	22.22	22.18	22.26	1	23
		1	50	22.07	21.98	22.25	22.18	22.28	1	23
		1	99	22.11	22.03	22.24	22.22	22.31	1	23
		50	0	20.99	21.03	21.21	21.11	21.24	2	22
		50	25	21.10	21.00	21.20	21.22	21.28	2	22
		50	50	21.00	20.98	21.11	21.11	21.20	2	22
		100	0	21.13	20.98	21.19	21.27	21.29	2	22
	64QAM	1	0	20.94	20.82	21.06	21.04	21.15	2	22
		1	50	20.97	20.86	21.04	21.06	21.18	2	22
		1	99	21.22	21.03	21.30	21.27	21.33	2	22
		50	0	20.06	19.94	20.11	20.16	20.13	3	21
		50	25	20.14	20.06	20.29	20.20	20.20	3	21
		50	50	20.00	19.90	20.17	20.17	20.24	3	21
		100	0	20.14	20.01	20.19	20.17	20.23	3	21
	256QAM	1	0	17.94	17.82	18.06	18.04	18.15	5	19
		1	50	17.97	17.86	18.04	18.06	18.18	5	19
		1	99	18.22	18.03	18.30	18.27	18.33	5	19
		50	0	18.06	17.94	18.11	18.16	18.13	5	19
		50	25	18.14	18.06	18.29	18.20	18.20	5	19
		50	50	18.00	17.90	18.17	18.17	18.24	5	19
		100	0	18.14	18.01	18.19	18.17	18.23	5	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	22.90	22.93	23.13	23.11	23.18	0	24
		1	37	22.93	22.75	22.92	23.04	23.08	0	24
		1	74	22.96	22.82	23.13	23.19	23.26	0	24
		36	0	22.03	21.93	22.04	22.15	22.09	1	23
		36	19	21.91	21.82	22.06	22.20	22.05	1	23
		36	39	21.96	21.88	22.04	22.02	22.08	1	23
		75	0	21.87	21.94	22.06	22.12	22.16	1	23
	16QAM	1	0	22.00	21.98	22.12	22.05	22.20	1	23
		1	37	22.06	21.88	22.11	22.15	22.22	1	23
		1	74	22.09	22.01	22.19	22.09	22.25	1	23
		36	0	20.95	20.93	21.11	21.00	21.14	2	22
		36	19	20.96	20.99	21.05	21.17	21.25	2	22
		36	39	20.88	20.87	21.01	21.04	21.11	2	22
		75	0	21.07	20.96	21.06	21.12	21.19	2	22
	64QAM	1	0	20.80	20.81	21.04	21.01	21.01	2	22
		1	37	20.87	20.73	20.93	20.98	21.08	2	22
		1	74	21.13	20.92	21.29	21.19	21.21	2	22
		36	0	19.91	19.86	19.98	20.07	20.06	3	21
		36	19	20.06	19.91	20.14	20.12	20.09	3	21
		36	39	19.96	19.81	20.05	20.02	20.12	3	21
		75	0	20.07	19.95	20.17	20.05	20.10	3	21
	256QAM	1	0	17.84	17.72	17.91	17.89	18.14	5	19
		1	37	17.89	17.83	17.93	17.92	18.14	5	19
		1	74	18.16	18.01	18.16	18.24	18.22	5	19
		36	0	18.05	17.83	18.00	18.14	17.98	5	19
		36	19	18.10	17.93	18.22	18.17	18.10	5	19
		36	39	17.88	17.75	18.06	18.15	18.13	5	19
		75	0	18.05	17.96	18.17	18.14	18.12	5	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	22.91	22.98	23.11	23.11	23.18	0	24
		1	24	23.00	22.78	22.98	23.11	23.03	0	24
		1	49	23.05	22.91	23.17	23.17	23.16	0	24
		25	0	21.99	21.88	21.96	22.13	22.14	1	23
		25	12	21.96	21.83	22.12	22.21	22.01	1	23
		25	25	21.91	21.85	22.09	21.97	22.13	1	23
		50	0	21.94	21.83	22.09	22.18	22.25	1	23
	16QAM	1	0	22.00	22.00	22.13	22.13	22.25	1	23
		1	24	21.92	21.95	22.14	22.10	22.13	1	23
		1	49	21.96	21.90	22.18	22.07	22.28	1	23
		25	0	20.88	20.98	21.10	21.01	21.19	2	22
		25	12	20.99	20.98	21.14	21.10	21.18	2	22
		25	25	20.95	20.85	21.02	20.98	21.10	2	22
		50	0	21.10	20.83	21.10	21.25	21.21	2	22
	64QAM	1	0	20.93	20.77	20.99	20.99	21.02	2	22
		1	24	20.82	20.82	21.01	21.05	21.11	2	22
		1	49	21.13	20.94	21.24	21.16	21.19	2	22
		25	0	20.01	19.86	19.99	20.01	20.05	3	21
		25	12	20.08	19.94	20.14	20.07	20.18	3	21
		25	25	19.91	19.78	20.15	20.02	20.16	3	21
		50	0	20.10	19.94	20.08	20.07	20.18	3	21
	256QAM	1	0	17.91	17.81	17.95	18.03	18.13	5	19
		1	24	17.94	17.82	18.01	18.03	18.15	5	19
		1	49	18.17	18.02	18.22	18.18	18.30	5	19
		25	0	18.04	17.83	17.97	18.04	17.98	5	19
		25	12	18.09	18.05	18.27	18.14	18.19	5	19
		25	25	17.89	17.79	18.08	18.08	18.19	5	19
		50	0	18.00	17.94	18.07	18.10	18.20	5	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	22.90	22.96	23.18	23.18	23.27	0	24
		1	12	22.92	22.81	23.01	23.08	23.04	0	24
		1	24	22.94	22.85	23.15	23.18	23.18	0	24
		12	0	22.04	21.90	22.08	22.14	22.10	1	23
		12	6	21.89	21.80	22.14	22.08	22.14	1	23
		12	13	22.00	21.81	22.07	21.97	22.12	1	23
		25	0	21.87	21.94	22.06	22.21	22.12	1	23
	16QAM	1	0	22.11	21.87	22.14	22.06	22.24	1	23
		1	12	21.94	21.92	22.18	22.14	22.25	1	23
		1	24	21.96	21.97	22.15	22.11	22.22	1	23
		12	0	20.87	21.02	21.19	20.99	21.19	2	22
		12	6	21.04	20.88	21.05	21.14	21.22	2	22
		12	13	20.92	20.85	21.03	21.04	21.09	2	22
		25	0	21.10	20.97	21.06	21.16	21.24	2	22
	64QAM	1	0	20.83	20.73	21.00	20.89	21.09	2	22
		1	12	20.91	20.72	20.96	21.05	21.13	2	22
		1	24	21.12	20.95	21.17	21.16	21.24	2	22
		12	0	20.02	19.81	20.00	20.09	20.04	3	21
		12	6	20.08	20.03	20.14	20.07	20.11	3	21
		12	13	19.94	19.77	20.09	20.09	20.23	3	21
		25	0	20.12	19.86	20.14	20.10	20.19	3	21
	256QAM	1	0	17.92	17.69	18.03	17.94	18.02	5	19
		1	12	17.90	17.74	17.97	17.91	18.03	5	19
		1	24	18.16	17.98	18.16	18.16	18.30	5	19
		12	0	18.05	17.91	18.09	18.02	18.07	5	19
		12	6	18.01	17.91	18.17	18.10	18.09	5	19
		12	13	17.91	17.78	18.05	18.12	18.17	5	19
		25	0	17.99	17.91	18.17	18.04	18.15	5	19

LTE Band 42 Part27Q (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		42190	42590	42990		
		Frequence (MHz)		3460	3500	3540		
20M	QPSK	1	0	20.99	**21.21**	21.03	0	22
		1	50	20.87	21.14	21.04	0	22
		1	99	20.73	20.98	20.85	0	22
		50	0	19.94	20.16	20.02	1	21
		50	25	19.78	20.12	20.06	1	21
		50	50	19.86	20.11	20.02	1	21
		100	0	19.74	20.09	20.01	1	21
	16QAM	1	0	19.73	20.12	19.96	1	21
		1	50	19.88	20.13	19.83	1	21
		1	99	19.70	19.95	19.95	1	21
		50	0	18.90	19.07	18.99	2	20
		50	25	18.87	19.10	18.90	2	20
		50	50	18.78	19.03	19.01	2	20
		100	0	18.95	19.16	18.98	2	20
	64QAM	1	0	19.06	19.09	18.97	2	20
		1	50	19.02	19.21	19.04	2	20
		1	99	18.72	18.99	18.75	2	20
		50	0	17.89	18.16	17.97	3	19
		50	25	17.90	17.99	18.08	3	19
		50	50	17.82	18.06	18.00	3	19
		100	0	17.90	17.99	18.07	3	19
	256QAM	1	0	15.84	16.05	15.90	5	17
		1	50	15.94	16.04	16.01	5	17
		1	99	15.70	15.96	15.63	5	17
		50	0	15.89	15.99	15.91	5	17
		50	25	15.68	15.92	15.96	5	17
		50	50	15.79	16.05	15.81	5	17
		100	0	15.87	16.04	15.95	5	17
BW	MCS Index	Channel		42165	42590	43015	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5		
15M	QPSK	1	0	20.90	21.12	20.89	0	22
		1	37	20.75	21.13	20.92	0	22
		1	74	20.63	20.96	20.81	0	22
		36	0	19.80	19.90	19.95	1	21
		36	19	19.73	20.11	19.98	1	21
		36	39	19.72	20.10	19.92	1	21
		75	0	19.62	20.06	19.91	1	21
	16QAM	1	0	19.64	20.10	19.88	1	21
		1	37	19.76	20.04	19.77	1	21
		1	74	19.68	19.86	19.86	1	21
		36	0	18.76	18.98	18.98	2	20
		36	19	18.79	19.08	18.89	2	20
		36	39	18.77	18.89	18.89	2	20
		75	0	18.92	19.06	18.95	2	20
	64QAM	1	0	19.01	18.99	18.83	2	20
		1	37	18.96	19.15	19.02	2	20
		1	74	18.62	18.91	18.74	2	20
		36	0	17.85	18.06	17.82	3	19
		36	19	17.85	17.92	17.95	3	19
		36	39	17.69	18.00	17.89	3	19
		75	0	17.85	17.95	18.03	3	19
	256QAM	1	0	15.81	16.02	15.79	5	17
		1	37	15.83	15.99	15.97	5	17
		1	74	15.56	15.92	15.61	5	17
		36	0	15.77	15.84	15.90	5	17
		36	19	15.57	15.84	15.89	5	17
		36	39	15.66	16.04	15.71	5	17
		75	0	15.72	15.92	15.87	5	17
BW	MCS Index	Channel		42140	42590	43040	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3455	3500	3545		
10M	QPSK	1	0	20.85	21.19	20.92	0	22
		1	24	20.83	21.03	20.99	0	22
		1	49	20.61	20.93	20.72	0	22
		25	0	19.80	19.89	19.90	1	21
		25	12	19.75	20.04	19.94	1	21
		25	25	19.83	20.01	19.97	1	21
		50	0	19.69	20.01	19.94	1	21
	16QAM	1	0	19.64	20.03	19.82	1	21
		1	24	19.86	20.03	19.75	1	21
		1	49	19.63	19.91	19.88	1	21
		25	0	18.75	18.96	18.90	2	20
		25	12	18.78	19.08	18.88	2	20
		25	25	18.68	18.90	18.89	2	20
		50	0	18.84	19.02	18.88	2	20
	64QAM	1	0	19.01	18.98	18.88	2	20
		1	24	18.91	19.06	18.96	2	20
		1	49	18.60	18.91	18.65	2	20
		25	0	17.88	18.01	17.83	3	19
		25	12	17.89	17.96	18.04	3	19
		25	25	17.74	17.95	17.91	3	19
		50	0	17.83	17.98	17.95	3	19
	256QAM	1	0	15.74	15.99	15.78	5	17
		1	24	15.91	16.02	15.98	5	17
		1	49	15.60	15.83	15.61	5	17
		25	0	15.75	15.97	15.86	5	17
		25	12	15.58	15.79	15.91	5	17
		25	25	15.73	16.03	15.70	5	17
		50	0	15.85	15.96	15.89	5	17
BW	MCS Index	Channel		42115	42590	43065	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5		
5M	QPSK	1	0	20.85	21.15	21.00	0	22
		1	12	20.78	21.02	20.97	0	22
		1	24	20.71	20.84	20.84	0	22
		12	0	19.84	19.90	19.87	1	21
		12	6	19.72	20.11	20.00	1	21
		12	13	19.72	20.00	19.89	1	21
		25	0	19.69	20.00	19.88	1	21
	16QAM	1	0	19.64	20.05	19.95	1	21
		1	12	19.84	20.10	19.78	1	21
		1	24	19.64	19.90	19.86	1	21
		12	0	18.86	19.06	18.98	2	20
		12	6	18.75	19.07	18.86	2	20
		12	13	18.64	18.89	18.87	2	20
		25	0	18.84	19.11	18.93	2	20
	64QAM	1	0	18.95	19.06	18.91	2	20
		1	12	18.88	19.18	18.93	2	20
		1	24	18.60	18.87	18.64	2	20
		12	0	17.77	18.13	17.89	3	19
		12	6	17.80	17.96	18.01	3	19
		12	13	17.80	17.93	17.88	3	19
		25	0	17.78	17.91	18.05	3	19
	256QAM	1	0	15.74	15.93	15.80	5	17
		1	12	15.80	15.92	15.87	5	17
		1	24	15.61	15.87	15.61	5	17
		12	0	15.80	15.92	15.89	5	17
		12	6	15.54	15.89	15.89	5	17
		12	13	15.77	15.98	15.74	5	17
		25	0	15.81	15.97	15.80	5	17

LTE Band 43 for FCC (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequence (MHz)		3610	3650	3690		
20M	QPSK	1	0	**21.10**	20.98	20.95	0	22
		1	50	20.97	20.96	20.94	0	22
		1	99	20.86	20.82	20.72	0	22
		50	0	19.99	20.04	20.00	1	21
		50	25	20.11	20.01	19.95	1	21
		50	50	20.02	19.94	19.97	1	21
		100	0	20.10	19.94	19.97	1	21
	16QAM	1	0	20.19	19.98	20.07	1	21
		1	50	20.05	19.97	19.82	1	21
		1	99	19.93	19.77	19.74	1	21
		50	0	19.08	19.15	18.94	2	20
		50	25	19.08	19.05	18.98	2	20
		50	50	18.98	19.05	18.96	2	20
		100	0	19.00	18.85	18.88	2	20
	64QAM	1	0	18.96	19.02	19.07	2	20
		1	50	19.01	18.90	18.84	2	20
		1	99	18.80	18.78	18.63	2	20
		50	0	18.06	17.95	18.15	3	19
		50	25	18.02	18.01	18.06	3	19
		50	50	17.95	17.89	18.05	3	19
		100	0	18.01	17.90	17.95	3	19
	256QAM	1	0	16.00	16.05	16.04	5	17
		1	50	16.01	15.99	15.71	5	17
		1	99	15.92	15.75	15.69	5	17
		50	0	16.05	16.06	16.08	5	17
		50	25	16.11	16.04	16.02	5	17
		50	50	16.05	16.01	15.91	5	17
		100	0	16.09	15.86	16.04	5	17
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3607.5	3650	3692.5		
15M	QPSK	1	0	20.97	20.91	20.86	0	22
		1	37	20.96	20.87	20.79	0	22
		1	74	20.84	20.74	20.59	0	22
		36	0	19.92	20.01	19.99	1	21
		36	19	20.09	19.99	19.92	1	21
		36	39	19.95	19.82	19.96	1	21
		75	0	19.97	19.82	19.85	1	21
	16QAM	1	0	20.14	19.85	19.99	1	21
		1	37	20.02	19.87	19.67	1	21
		1	74	19.84	19.76	19.68	1	21
		36	0	19.06	19.02	18.79	2	20
		36	19	18.95	18.96	18.86	2	20
		36	39	18.88	18.91	18.91	2	20
		75	0	18.92	18.72	18.83	2	20
	64QAM	1	0	18.81	18.89	18.94	2	20
		1	37	18.99	18.79	18.74	2	20
		1	74	18.68	18.64	18.59	2	20
		36	0	17.92	17.89	18.07	3	19
		36	19	17.87	17.99	18.01	3	19
		36	39	17.87	17.83	17.98	3	19
		75	0	17.96	17.83	17.86	3	19
	256QAM	1	0	15.98	15.92	15.93	5	17
		1	37	15.92	15.97	15.67	5	17
		1	74	15.78	15.69	15.60	5	17
		36	0	15.94	15.99	15.98	5	17
		36	19	16.10	16.02	16.00	5	17
		36	39	16.01	15.99	15.79	5	17
		75	0	16.00	15.83	15.91	5	17
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3605	3650	3695		
10M	QPSK	1	0	21.00	20.87	20.84	0	22
		1	24	20.90	20.89	20.83	0	22
		1	49	20.83	20.69	20.67	0	22
		25	0	19.97	19.93	19.99	1	21
		25	12	20.04	19.86	19.85	1	21
		25	25	19.89	19.91	19.88	1	21
		50	0	19.95	19.89	19.83	1	21
	16QAM	1	0	20.11	19.87	19.96	1	21
		1	24	19.97	19.83	19.80	1	21
		1	49	19.80	19.73	19.70	1	21
		25	0	19.06	19.05	18.84	2	20
		25	12	19.04	18.93	18.87	2	20
		25	25	18.92	18.98	18.93	2	20
		50	0	18.87	18.79	18.73	2	20
	64QAM	1	0	18.83	18.93	18.99	2	20
		1	24	18.89	18.79	18.80	2	20
		1	49	18.71	18.74	18.48	2	20
		25	0	17.93	17.85	18.08	3	19
		25	12	17.87	17.95	17.91	3	19
		25	25	17.91	17.88	18.03	3	19
		50	0	17.92	17.79	17.91	3	19
	256QAM	1	0	15.98	15.94	15.98	5	17
		1	24	15.97	15.92	15.69	5	17
		1	49	15.83	15.65	15.66	5	17
		25	0	15.92	15.97	15.97	5	17
		25	12	16.09	15.99	15.95	5	17
		25	25	16.01	15.98	15.81	5	17
		50	0	15.96	15.80	15.96	5	17
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3602.5	3650	3697.5		
5M	QPSK	1	0	21.03	20.93	20.90	0	22
		1	12	20.95	20.81	20.92	0	22
		1	24	20.79	20.74	20.71	0	22
		12	0	19.95	19.96	19.88	1	21
		12	6	20.01	19.98	19.86	1	21
		12	13	19.89	19.90	19.87	1	21
		25	0	20.04	19.88	19.89	1	21
	16QAM	1	0	20.17	19.95	19.98	1	21
		1	12	20.00	19.87	19.80	1	21
		1	24	19.78	19.73	19.66	1	21
		12	0	19.01	19.00	18.79	2	20
		12	6	18.98	18.99	18.94	2	20
		12	13	18.95	19.02	18.92	2	20
		25	0	18.90	18.74	18.87	2	20
	64QAM	1	0	18.92	18.95	18.92	2	20
		1	12	18.87	18.86	18.73	2	20
		1	24	18.72	18.69	18.49	2	20
		12	0	18.02	17.94	18.04	3	19
		12	6	17.98	17.86	18.00	3	19
		12	13	17.89	17.86	17.96	3	19
		25	0	17.86	17.83	17.83	3	19
	256QAM	1	0	15.99	15.91	16.02	5	17
		1	12	15.97	15.94	15.64	5	17
		1	24	15.78	15.68	15.64	5	17
		12	0	16.04	15.95	15.96	5	17
		12	6	16.02	15.94	15.90	5	17
		12	13	15.93	15.89	15.81	5	17
		25	0	15.98	15.81	15.97	5	17

LTE Band 48 for SAR (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640		
		Frequence (MHz)		3560	3609	3641	3690		
20M	QPSK	1	0	20.86	20.95	21.07	21.12	0	22
		1	50	21.03	20.98	21.07	**21.22**	0	22
		1	99	20.79	20.81	20.97	20.97	0	22
		50	0	19.94	20.02	20.22	20.29	1	21
		50	25	20.07	20.06	20.24	20.21	1	21
		50	50	20.05	20.05	20.16	20.11	1	21
		100	0	19.89	19.91	20.18	20.10	1	21
	16QAM	1	0	19.82	19.78	19.86	19.91	1	21
		1	50	19.81	19.83	19.87	19.93	1	21
		1	99	19.60	19.73	19.77	19.83	1	21
		50	0	19.15	19.03	19.26	19.19	2	20
		50	25	19.10	19.04	19.07	19.09	2	20
		50	50	19.01	19.07	19.15	19.06	2	20
		100	0	18.91	19.04	19.21	19.17	2	20
	64QAM	1	0	18.72	18.86	18.80	18.83	2	20
		1	50	18.86	18.77	19.07	18.92	2	20
		1	99	18.57	18.80	18.88	18.81	2	20
		50	0	17.97	17.92	18.08	18.22	3	19
		50	25	17.99	18.14	18.08	18.16	3	19
		50	50	17.83	17.93	18.15	18.02	3	19
		100	0	17.91	18.11	18.09	18.18	3	19
	256QAM	1	0	15.78	15.84	15.93	15.92	5	17
		1	50	15.80	15.75	16.00	15.91	5	17
		1	99	15.67	15.75	15.76	15.87	5	17
		50	0	15.98	15.96	16.03	16.18	5	17
		50	25	16.06	16.10	16.13	16.17	5	17
		50	50	15.84	15.93	16.11	15.99	5	17
		100	0	15.94	16.10	16.04	16.05	5	17
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5		
15M	QPSK	1	0	20.83	20.93	20.94	20.99	0	22
		1	37	20.92	20.97	21.06	21.17	0	22
		1	74	20.69	20.77	20.94	20.96	0	22
		36	0	19.86	19.95	20.10	20.17	1	21
		36	19	20.03	19.95	20.13	20.08	1	21
		36	39	19.97	20.04	20.12	19.99	1	21
		75	0	19.84	19.79	20.04	19.99	1	21
	16QAM	1	0	19.73	19.65	19.72	19.84	1	21
		1	37	19.66	19.73	19.84	19.78	1	21
		1	74	19.45	19.68	19.71	19.77	1	21
		36	0	19.14	19.01	19.16	19.15	2	20
		36	19	19.07	18.91	19.02	19.03	2	20
		36	39	18.91	19.04	19.10	18.91	2	20
		75	0	18.88	19.03	19.06	19.02	2	20
	64QAM	1	0	18.68	18.78	18.71	18.81	2	20
		1	37	18.73	18.67	18.95	18.82	2	20
		1	74	18.49	18.75	18.77	18.78	2	20
		36	0	17.91	17.90	17.97	18.13	3	19
		36	19	17.91	18.02	17.95	18.15	3	19
		36	39	17.77	17.88	18.01	17.91	3	19
		75	0	17.88	18.07	18.01	18.15	3	19
	256QAM	1	0	15.68	15.72	15.86	15.85	5	17
		1	37	15.76	15.68	15.95	15.88	5	17
		1	74	15.57	15.70	15.67	15.79	5	17
		36	0	15.89	15.81	16.00	16.11	5	17
		36	19	15.97	16.06	16.03	16.10	5	17
		36	39	15.70	15.87	15.99	15.91	5	17
		75	0	15.91	15.96	16.03	16.00	5	17
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695		
10M	QPSK	1	0	20.85	20.80	21.05	20.99	0	22
		1	24	20.96	20.87	21.05	21.10	0	22
		1	49	20.68	20.71	20.93	20.84	0	22
		25	0	19.84	20.01	20.14	20.25	1	21
		25	12	20.01	19.93	20.09	20.14	1	21
		25	25	20.01	19.90	20.09	20.09	1	21
		50	0	19.85	19.80	20.15	19.95	1	21
	16QAM	1	0	19.81	19.66	19.82	19.89	1	21
		1	24	19.72	19.71	19.78	19.88	1	21
		1	49	19.53	19.68	19.75	19.71	1	21
		25	0	19.00	18.91	19.13	19.06	2	20
		25	12	19.06	19.03	19.02	18.95	2	20
		25	25	18.86	18.94	19.07	18.94	2	20
		50	0	18.86	18.93	19.06	19.02	2	20
	64QAM	1	0	18.58	18.72	18.69	18.68	2	20
		1	24	18.82	18.75	19.03	18.88	2	20
		1	49	18.43	18.73	18.87	18.69	2	20
		25	0	17.86	17.80	17.98	18.10	3	19
		25	12	17.97	18.13	18.04	18.13	3	19
		25	25	17.72	17.92	18.07	17.96	3	19
		50	0	17.89	18.07	17.95	18.12	3	19
	256QAM	1	0	15.72	15.74	15.81	15.77	5	17
		1	24	15.75	15.61	15.85	15.88	5	17
		1	49	15.66	15.61	15.72	15.86	5	17
		25	0	15.97	15.95	15.98	16.10	5	17
		25	12	15.97	16.07	16.02	16.13	5	17
		25	25	15.70	15.84	16.03	15.96	5	17
		50	0	15.88	16.01	15.91	15.91	5	17
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5		
5M	QPSK	1	0	20.75	20.90	21.02	21.08	0	22
		1	12	20.99	20.83	20.93	21.13	0	22
		1	24	20.78	20.78	20.86	20.94	0	22
		12	0	19.81	19.99	20.12	20.22	1	21
		12	6	19.96	20.03	20.13	20.15	1	21
		12	13	19.98	19.99	20.02	19.99	1	21
		25	0	19.76	19.90	20.05	19.98	1	21
	16QAM	1	0	19.73	19.73	19.85	19.89	1	21
		1	12	19.80	19.69	19.79	19.82	1	21
		1	24	19.46	19.62	19.62	19.75	1	21
		12	0	19.12	18.90	19.17	19.18	2	20
		12	6	18.97	18.95	19.06	18.94	2	20
		12	13	18.92	18.93	19.13	18.99	2	20
		25	0	18.87	19.03	19.09	19.04	2	20
	64QAM	1	0	18.61	18.73	18.65	18.71	2	20
		1	12	18.77	18.73	18.94	18.83	2	20
		1	24	18.55	18.72	18.73	18.77	2	20
		12	0	17.93	17.79	18.02	18.15	3	19
		12	6	17.96	18.07	18.05	18.06	3	19
		12	13	17.71	17.90	18.06	17.96	3	19
		25	0	17.76	18.03	17.98	18.16	3	19
	256QAM	1	0	15.77	15.83	15.86	15.88	5	17
		1	12	15.67	15.72	15.95	15.80	5	17
		1	24	15.56	15.69	15.65	15.81	5	17
		12	0	15.91	15.81	15.91	16.13	5	17
		12	6	16.01	16.09	16.12	16.08	5	17
		12	13	15.71	15.80	15.98	15.96	5	17
		25	0	15.79	16.06	15.95	15.90	5	17

LTE Band 66 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.43	**22.53**	22.47	0	24
		1	50	22.46	22.51	22.39	0	24
		1	99	22.45	22.45	22.36	0	24
		50	0	21.41	21.45	21.37	1	23
		50	25	21.43	21.49	21.40	1	23
		50	50	21.46	21.54	21.41	1	23
		100	0	21.47	21.51	21.37	1	23
	16QAM	1	0	21.74	21.72	21.58	1	23
		1	50	21.59	21.59	21.46	1	23
		1	99	21.72	21.69	21.59	1	23
		50	0	20.48	20.46	20.42	2	22
		50	25	20.39	20.46	20.40	2	22
		50	50	20.50	20.52	20.39	2	22
		100	0	20.39	20.50	20.44	2	22
	64QAM	1	0	20.55	20.64	20.47	2	22
		1	50	20.60	20.57	20.61	2	22
		1	99	20.50	20.41	20.38	2	22
		50	0	19.48	19.45	19.42	3	21
		50	25	19.45	19.52	19.41	3	21
		50	50	19.54	19.44	19.48	3	21
		100	0	19.49	19.59	19.39	3	21
	256QAM	1	0	17.52	17.56	17.45	5	19
		1	50	17.59	17.50	17.54	5	19
		1	99	17.47	17.37	17.25	5	19
		50	0	17.43	17.39	17.31	5	19
		50	25	17.44	17.38	17.32	5	19
		50	50	17.50	17.36	17.47	5	19
		100	0	17.46	17.57	17.27	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	22.33	22.49	22.39	0	24
		1	37	22.45	22.41	22.33	0	24
		1	74	22.38	22.33	22.21	0	24
		36	0	21.35	21.44	21.32	1	23
		36	19	21.38	21.36	21.29	1	23
		36	39	21.28	21.40	21.28	1	23
		75	0	21.32	21.49	21.28	1	23
	16QAM	1	0	21.63	21.67	21.55	1	23
		1	37	21.46	21.52	21.39	1	23
		1	74	21.63	21.60	21.46	1	23
		36	0	20.39	20.42	20.28	2	22
		36	19	20.35	20.41	20.27	2	22
		36	39	20.43	20.44	20.28	2	22
		75	0	20.37	20.44	20.38	2	22
	64QAM	1	0	20.41	20.51	20.32	2	22
		1	37	20.48	20.48	20.49	2	22
		1	74	20.38	20.29	20.26	2	22
		36	0	19.47	19.44	19.35	3	21
		36	19	19.36	19.38	19.30	3	21
		36	39	19.39	19.41	19.35	3	21
		75	0	19.43	19.56	19.36	3	21
	256QAM	1	0	17.51	17.45	17.34	5	19
		1	37	17.57	17.49	17.45	5	19
		1	74	17.46	17.27	17.24	5	19
		36	0	17.29	17.28	17.20	5	19
		36	19	17.34	17.34	17.17	5	19
		36	39	17.47	17.32	17.38	5	19
		75	0	17.44	17.53	17.12	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.28	22.41	22.32	0	24
		1	24	22.39	22.39	22.30	0	24
		1	49	22.39	22.31	22.32	0	24
		25	0	21.40	21.32	21.34	1	23
		25	12	21.38	21.36	21.35	1	23
		25	25	21.40	21.40	21.38	1	23
		50	0	21.38	21.46	21.31	1	23
	16QAM	1	0	21.64	21.68	21.44	1	23
		1	24	21.44	21.45	21.31	1	23
		1	49	21.68	21.60	21.47	1	23
		25	0	20.41	20.32	20.28	2	22
		25	12	20.31	20.40	20.35	2	22
		25	25	20.39	20.45	20.29	2	22
		50	0	20.35	20.47	20.36	2	22
	64QAM	1	0	20.46	20.54	20.42	2	22
		1	24	20.48	20.52	20.60	2	22
		1	49	20.45	20.32	20.23	2	22
		25	0	19.35	19.33	19.30	3	21
		25	12	19.30	19.50	19.37	3	21
		25	25	19.49	19.32	19.33	3	21
		50	0	19.47	19.51	19.30	3	21
	256QAM	1	0	17.37	17.41	17.33	5	19
		1	24	17.55	17.46	17.53	5	19
		1	49	17.35	17.22	17.14	5	19
		25	0	17.28	17.31	17.16	5	19
		25	12	17.33	17.30	17.21	5	19
		25	25	17.42	17.33	17.34	5	19
		50	0	17.32	17.46	17.15	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.42	22.40	22.36	0	24
		1	12	22.43	22.46	22.26	0	24
		1	24	22.42	22.37	22.31	0	24
		12	0	21.33	21.37	21.28	1	23
		12	6	21.41	21.43	21.26	1	23
		12	13	21.28	21.52	21.26	1	23
		25	0	21.35	21.42	21.27	1	23
	16QAM	1	0	21.59	21.61	21.44	1	23
		1	12	21.58	21.52	21.43	1	23
		1	24	21.65	21.55	21.44	1	23
		12	0	20.43	20.45	20.29	2	22
		12	6	20.38	20.42	20.39	2	22
		12	13	20.36	20.37	20.37	2	22
		25	0	20.36	20.35	20.39	2	22
	64QAM	1	0	20.49	20.55	20.37	2	22
		1	12	20.46	20.43	20.55	2	22
		1	24	20.43	20.26	20.24	2	22
		12	0	19.40	19.39	19.39	3	21
		12	6	19.34	19.46	19.35	3	21
		12	13	19.48	19.38	19.46	3	21
		25	0	19.35	19.48	19.37	3	21
	256QAM	1	0	17.48	17.52	17.42	5	19
		1	12	17.54	17.43	17.46	5	19
		1	24	17.42	17.23	17.21	5	19
		12	0	17.41	17.32	17.17	5	19
		12	6	17.29	17.29	17.27	5	19
		12	13	17.46	17.24	17.33	5	19
		25	0	17.43	17.53	17.26	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.34	22.51	22.35	0	24
		1	7	22.45	22.42	22.32	0	24
		1	14	22.33	22.30	22.25	0	24
		8	0	21.29	21.38	21.36	1	23
		8	3	21.39	21.38	21.25	1	23
		8	7	21.39	21.40	21.26	1	23
		15	0	21.34	21.40	21.38	1	23
	16QAM	1	0	21.64	21.61	21.52	1	23
		1	7	21.48	21.56	21.41	1	23
		1	14	21.60	21.64	21.50	1	23
		8	0	20.44	20.35	20.27	2	22
		8	3	20.38	20.45	20.29	2	22
		8	7	20.49	20.39	20.36	2	22
		15	0	20.28	20.42	20.29	2	22
	64QAM	1	0	20.41	20.55	20.40	2	22
		1	7	20.52	20.53	20.52	2	22
		1	14	20.37	20.33	20.26	2	22
		8	0	19.36	19.35	19.40	3	21
		8	3	19.43	19.48	19.33	3	21
		8	7	19.48	19.35	19.47	3	21
		15	0	19.34	19.47	19.37	3	21
	256QAM	1	0	17.45	17.43	17.43	5	19
		1	7	17.46	17.36	17.47	5	19
		1	14	17.46	17.31	17.19	5	19
		8	0	17.29	17.32	17.19	5	19
		8	3	17.38	17.34	17.18	5	19
		8	7	17.47	17.25	17.33	5	19
		15	0	17.45	17.55	17.18	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.31	22.41	22.46	0	24
		1	2	22.43	22.38	22.27	0	24
		1	5	22.39	22.32	22.35	0	24
		3	0	22.06	22.15	22.02	0	24
		3	1	22.24	22.20	22.15	0	24
		3	3	22.14	22.33	22.09	0	24
		6	0	21.32	21.45	21.25	1	23
	16QAM	1	0	21.62	21.67	21.47	1	23
		1	2	21.55	21.50	21.33	1	23
		1	5	21.61	21.63	21.50	1	23
		3	0	21.46	21.31	21.30	1	23
		3	1	21.31	21.38	21.34	1	23
		3	3	21.36	21.37	21.35	1	23
		6	0	20.34	20.45	20.39	2	22
	64QAM	1	0	20.51	20.51	20.34	2	22
		1	2	20.46	20.48	20.59	2	22
		1	5	20.43	20.35	20.31	2	22
		3	0	20.45	20.36	20.29	2	22
		3	1	20.38	20.46	20.36	2	22
		3	3	20.53	20.36	20.46	2	22
		6	0	19.35	19.48	19.35	3	21
	256QAM	1	0	17.48	17.47	17.43	5	19
		1	2	17.48	17.36	17.52	5	19
		1	5	17.32	17.22	17.24	5	19
		3	0	17.41	17.30	17.22	5	19
		3	1	17.36	17.27	17.22	5	19
		3	3	17.38	17.25	17.45	5	19
		6	0	17.32	17.42	17.12	5	19

LTE Band 71 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133222	133322	133372		
		Frequency (MHz)		673	683	688		
20M	QPSK	1	0	**22.37**	22.32	22.21	0	24
		1	50	22.07	22.16	22.00	0	24
		1	99	22.21	22.11	22.07	0	24
		50	0	21.28	21.23	21.21	1	23
		50	25	21.29	21.28	21.24	1	23
		50	50	21.27	21.15	21.21	1	23
		100	0	21.35	21.20	21.25	1	23
	16QAM	1	0	21.61	21.56	21.49	1	23
		1	50	21.55	21.50	21.51	1	23
		1	99	21.57	21.50	21.51	1	23
		50	0	20.51	20.46	20.38	2	22
		50	25	20.32	20.28	20.18	2	22
		50	50	20.32	20.38	20.19	2	22
		100	0	20.34	20.30	20.27	2	22
	64QAM	1	0	20.60	20.47	20.43	2	22
		1	50	20.43	20.44	20.35	2	22
		1	99	20.44	20.43	20.36	2	22
		50	0	19.33	19.43	19.30	3	21
		50	25	19.38	19.44	19.40	3	21
		50	50	19.51	19.39	19.37	3	21
		100	0	19.39	19.39	19.38	3	21
	256QAM	1	0	17.58	17.36	17.28	5	19
		1	50	17.36	17.32	17.30	5	19
		1	99	17.38	17.39	17.35	5	19
		50	0	17.31	17.29	17.22	5	19
		50	25	17.23	17.38	17.30	5	19
		50	50	17.50	17.31	17.31	5	19
		100	0	17.26	17.28	17.27	5	19
BW	Modulation	Channel		133197	133257	133387	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		670.5	680.5	690.5		
15M	QPSK	1	0	22.34	22.31	22.08	0	24
		1	37	22.00	22.08	21.86	0	24
		1	74	22.20	21.98	21.93	0	24
		36	0	21.25	21.15	21.15	1	23
		36	19	21.15	21.15	21.10	1	23
		36	39	21.23	21.05	21.13	1	23
		75	0	21.30	21.08	21.17	1	23
	16QAM	1	0	21.57	21.45	21.35	1	23
		1	37	21.48	21.39	21.46	1	23
		1	74	21.53	21.35	21.41	1	23
		36	0	20.36	20.42	20.36	2	22
		36	19	20.29	20.21	20.15	2	22
		36	39	20.20	20.26	20.16	2	22
		75	0	20.22	20.21	20.12	2	22
	64QAM	1	0	20.45	20.33	20.39	2	22
		1	37	20.37	20.32	20.25	2	22
		1	74	20.34	20.38	20.35	2	22
		36	0	19.22	19.38	19.18	3	21
		36	19	19.24	19.35	19.38	3	21
		36	39	19.47	19.26	19.30	3	21
		75	0	19.26	19.34	19.37	3	21
	256QAM	1	0	17.56	17.35	17.15	5	19
		1	37	17.30	17.22	17.15	5	19
		1	74	17.35	17.32	17.24	5	19
		36	0	17.26	17.19	17.13	5	19
		36	19	17.16	17.33	17.22	5	19
		36	39	17.44	17.27	17.27	5	19
		75	0	17.13	17.17	17.18	5	19
BW	Modulation	Channel		133172	133272	133422	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		668	678	693		
10M	QPSK	1	0	22.30	22.28	22.17	0	24
		1	24	21.99	22.12	21.97	0	24
		1	49	22.17	21.97	22.00	0	24
		25	0	21.14	21.18	21.13	1	23
		25	12	21.14	21.20	21.16	1	23
		25	25	21.18	21.12	21.09	1	23
		50	0	21.27	21.16	21.11	1	23
	16QAM	1	0	21.47	21.53	21.34	1	23
		1	24	21.53	21.40	21.43	1	23
		1	49	21.46	21.37	21.50	1	23
		25	0	20.47	20.43	20.31	2	22
		25	12	20.18	20.21	20.10	2	22
		25	25	20.26	20.31	20.11	2	22
		50	0	20.22	20.26	20.13	2	22
	64QAM	1	0	20.56	20.39	20.36	2	22
		1	24	20.36	20.30	20.25	2	22
		1	49	20.40	20.42	20.24	2	22
		25	0	19.29	19.39	19.28	3	21
		25	12	19.30	19.39	19.29	3	21
		25	25	19.44	19.35	19.23	3	21
		50	0	19.35	19.36	19.34	3	21
	256QAM	1	0	17.52	17.30	17.13	5	19
		1	24	17.31	17.30	17.19	5	19
		1	49	17.31	17.26	17.22	5	19
		25	0	17.24	17.22	17.21	5	19
		25	12	17.22	17.35	17.19	5	19
		25	25	17.45	17.27	17.20	5	19
		50	0	17.16	17.27	17.22	5	19
BW	Modulation	Channel		133147	133247	133467	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		665.5	675.5	695.5		
5M	QPSK	1	0	22.30	22.18	22.16	0	24
		1	12	21.99	22.02	21.96	0	24
		1	24	22.07	22.02	21.99	0	24
		12	0	21.22	21.27	21.06	1	23
		12	6	21.17	21.10	21.16	1	23
		12	13	21.21	21.08	21.16	1	23
		25	0	21.20	21.12	21.19	1	23
	16QAM	1	0	21.48	21.55	21.43	1	23
		1	12	21.47	21.38	21.39	1	23
		1	24	21.51	21.41	21.43	1	23
		12	0	20.37	20.45	20.26	2	22
		12	6	20.18	20.18	20.04	2	22
		12	13	20.17	20.31	20.15	2	22
		25	0	20.24	20.27	20.21	2	22
	64QAM	1	0	20.51	20.42	20.33	2	22
		1	12	20.38	20.30	20.26	2	22
		1	24	20.42	20.39	20.25	2	22
		12	0	19.28	19.37	19.20	3	21
		12	6	19.27	19.32	19.26	3	21
		12	13	19.44	19.28	19.32	3	21
		25	0	19.28	19.26	19.26	3	21
	256QAM	1	0	17.53	17.29	17.23	5	19
		1	12	17.35	17.25	17.29	5	19
		1	24	17.36	17.38	17.25	5	19
		12	0	17.21	17.21	17.14	5	19
		12	6	17.18	17.37	17.21	5	19
		12	13	17.45	17.28	17.17	5	19
		25	0	17.16	17.25	17.16	5	19

LTE Band 2 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**19.42**	19.19	19.25	0	21
		1	50	19.26	19.20	19.14	0	21
		1	99	19.11	19.16	19.05	0	21
		50	0	18.29	18.26	18.06	1	20
		50	25	18.37	18.27	18.21	1	20
		50	50	18.20	18.25	18.08	1	20
		100	0	18.39	18.29	18.29	1	20
	16QAM	1	0	18.44	18.34	18.24	1	20
		1	50	18.40	18.40	18.27	1	20
		1	99	18.26	18.21	18.15	1	20
		50	0	17.19	17.27	17.08	2	19
		50	25	17.25	17.40	17.20	2	19
		50	50	17.32	17.43	17.28	2	19
		100	0	17.41	17.23	17.18	2	19
	64QAM	1	0	17.33	17.19	17.13	2	19
		1	50	17.32	17.35	17.15	2	19
		1	99	17.37	17.20	17.23	2	19
		50	0	16.21	16.16	16.09	3	18
		50	25	16.36	16.16	16.17	3	18
		50	50	16.30	16.22	16.15	3	18
		100	0	16.39	16.35	16.14	3	18
	256QAM	1	0	14.18	14.14	14.17	5	16
		1	50	14.26	14.33	14.23	5	16
		1	99	14.36	14.24	14.25	5	16
		50	0	14.33	14.27	14.14	5	16
		50	25	14.36	14.11	14.08	5	16
		50	50	14.45	14.37	14.38	5	16
		100	0	14.31	14.32	14.22	5	16
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	19.37	19.05	19.13	0	21
		1	37	19.20	19.10	19.11	0	21
		1	74	19.01	19.10	18.96	0	21
		36	0	18.19	18.22	17.97	1	20
		36	19	18.34	18.18	18.17	1	20
		36	39	18.11	18.10	18.06	1	20
		75	0	18.29	18.20	18.27	1	20
	16QAM	1	0	18.35	18.29	18.16	1	20
		1	37	18.25	18.35	18.18	1	20
		1	74	18.17	18.09	18.07	1	20
		36	0	17.17	17.23	17.02	2	19
		36	19	17.24	17.29	17.13	2	19
		36	39	17.21	17.30	17.26	2	19
		75	0	17.33	17.21	17.17	2	19
	64QAM	1	0	17.19	17.10	17.08	2	19
		1	37	17.20	17.25	17.07	2	19
		1	74	17.29	17.08	17.20	2	19
		36	0	16.19	16.11	15.97	3	18
		36	19	16.30	16.04	16.03	3	18
		36	39	16.18	16.18	16.05	3	18
		75	0	16.34	16.26	16.02	3	18
	256QAM	1	0	14.09	14.11	14.08	5	16
		1	37	14.11	14.31	14.09	5	16
		1	74	14.23	14.22	14.18	5	16
		36	0	14.30	14.20	14.11	5	16
		36	19	14.30	14.06	14.07	5	16
		36	39	14.32	14.35	14.29	5	16
		75	0	14.23	14.24	14.14	5	16
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	19.33	19.12	19.14	0	21
		1	24	19.22	19.17	19.02	0	21
		1	49	18.97	19.15	18.91	0	21
		25	0	18.21	18.17	17.93	1	20
		25	12	18.36	18.14	18.09	1	20
		25	25	18.12	18.19	18.03	1	20
		50	0	18.24	18.23	18.18	1	20
	16QAM	1	0	18.39	18.23	18.09	1	20
		1	24	18.34	18.27	18.21	1	20
		1	49	18.16	18.08	18.13	1	20
		25	0	17.13	17.21	17.07	2	19
		25	12	17.20	17.35	17.05	2	19
		25	25	17.23	17.34	17.18	2	19
		50	0	17.29	17.10	17.15	2	19
	64QAM	1	0	17.29	17.08	17.00	2	19
		1	24	17.30	17.20	17.00	2	19
		1	49	17.32	17.19	17.19	2	19
		25	0	16.20	16.15	16.05	3	18
		25	12	16.33	16.05	16.05	3	18
		25	25	16.25	16.11	16.06	3	18
		50	0	16.38	16.24	16.00	3	18
	256QAM	1	0	14.06	14.13	14.03	5	16
		1	24	14.17	14.18	14.18	5	16
		1	49	14.22	14.19	14.19	5	16
		25	0	14.26	14.20	14.12	5	16
		25	12	14.22	14.03	13.99	5	16
		25	25	14.32	14.26	14.28	5	16
		50	0	14.17	14.17	14.10	5	16
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	19.33	19.04	19.13	0	21
		1	12	19.24	19.15	19.04	0	21
		1	24	19.06	19.15	19.00	0	21
		12	0	18.17	18.24	17.93	1	20
		12	6	18.28	18.16	18.07	1	20
		12	13	18.14	18.23	17.99	1	20
		25	0	18.34	18.21	18.24	1	20
	16QAM	1	0	18.29	18.26	18.22	1	20
		1	12	18.36	18.34	18.21	1	20
		1	24	18.16	18.13	18.03	1	20
		12	0	17.16	17.17	16.95	2	19
		12	6	17.21	17.38	17.18	2	19
		12	13	17.29	17.40	17.20	2	19
		25	0	17.37	17.16	17.11	2	19
	64QAM	1	0	17.21	17.14	17.09	2	19
		1	12	17.28	17.28	17.08	2	19
		1	24	17.22	17.11	17.08	2	19
		12	0	16.17	16.03	16.03	3	18
		12	6	16.29	16.11	16.10	3	18
		12	13	16.15	16.15	16.01	3	18
		25	0	16.30	16.32	15.99	3	18
	256QAM	1	0	14.13	14.00	14.12	5	16
		1	12	14.15	14.26	14.18	5	16
		1	24	14.22	14.10	14.15	5	16
		12	0	14.21	14.19	14.08	5	16
		12	6	14.33	14.07	14.06	5	16
		12	13	14.37	14.32	14.28	5	16
		25	0	14.23	14.24	14.21	5	16
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	19.40	19.18	19.15	0	21
		1	7	19.15	19.09	18.99	0	21
		1	14	19.03	19.07	19.04	0	21
		8	0	18.14	18.15	17.97	1	20
		8	3	18.25	18.19	18.18	1	20
		8	7	18.09	18.19	18.06	1	20
		15	0	18.31	18.27	18.19	1	20
	16QAM	1	0	18.33	18.19	18.13	1	20
		1	7	18.34	18.27	18.13	1	20
		1	14	18.24	18.09	18.04	1	20
		8	0	17.06	17.15	16.95	2	19
		8	3	17.22	17.38	17.16	2	19
		8	7	17.22	17.41	17.23	2	19
		15	0	17.30	17.16	17.05	2	19
	64QAM	1	0	17.30	17.13	17.08	2	19
		1	7	17.20	17.21	17.04	2	19
		1	14	17.24	17.10	17.19	2	19
		8	0	16.14	16.05	15.96	3	18
		8	3	16.28	16.11	16.13	3	18
		8	7	16.15	16.14	16.00	3	18
		15	0	16.31	16.30	16.06	3	18
	256QAM	1	0	14.09	14.13	14.05	5	16
		1	7	14.15	14.24	14.12	5	16
		1	14	14.28	14.10	14.23	5	16
		8	0	14.18	14.13	13.99	5	16
		8	3	14.31	14.04	14.07	5	16
		8	7	14.41	14.30	14.35	5	16
		15	0	14.22	14.21	14.21	5	16
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	19.40	19.05	19.10	0	21
		1	2	19.11	19.16	19.04	0	21
		1	5	19.10	19.12	18.95	0	21
		3	0	19.06	18.95	18.73	0	21
		3	1	19.07	18.99	18.95	0	21
		3	3	18.96	19.00	18.78	0	21
		6	0	18.25	18.17	18.28	1	20
	16QAM	1	0	18.38	18.24	18.10	1	20
		1	2	18.32	18.38	18.23	1	20
		1	5	18.11	18.07	18.11	1	20
		3	0	18.11	18.16	18.06	1	20
		3	1	18.22	18.39	18.18	1	20
		3	3	18.19	18.36	18.23	1	20
		6	0	17.33	17.15	17.03	2	19
	64QAM	1	0	17.25	17.07	17.03	2	19
		1	2	17.17	17.33	17.10	2	19
		1	5	17.36	17.15	17.19	2	19
		3	0	17.08	17.09	16.95	2	19
		3	1	17.31	17.08	17.11	2	19
		3	3	17.25	17.15	17.01	2	19
		6	0	16.37	16.26	16.10	3	18
	256QAM	1	0	14.07	14.09	14.03	5	16
		1	2	14.11	14.24	14.19	5	16
		1	5	14.23	14.13	14.20	5	16
		3	0	14.30	14.22	14.11	5	16
		3	1	14.22	14.03	14.03	5	16
		3	3	14.38	14.26	14.35	5	16
		6	0	14.18	14.27	14.07	5	16

LTE Band 7 (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	19.29	19.27	19.33	0	21
		1	50	19.26	19.28	19.41	0	21
		1	99	19.73	19.69	**19.86**	0	21
		50	0	18.25	18.34	18.25	1	20
		50	25	18.34	18.33	18.67	1	20
		50	50	18.33	18.34	18.30	1	20
		100	0	18.36	18.30	18.31	1	20
	16QAM	1	0	18.58	18.56	18.58	1	20
		1	50	18.49	18.53	18.68	1	20
		1	99	18.52	18.69	18.71	1	20
		50	0	17.31	17.26	17.35	2	19
		50	25	17.34	17.34	17.47	2	19
		50	50	17.47	17.38	17.37	2	19
		100	0	17.27	17.28	17.44	2	19
	64QAM	1	0	17.29	17.42	17.41	2	19
		1	50	17.46	17.48	17.42	2	19
		1	99	17.33	17.47	17.61	2	19
		50	0	16.35	16.30	16.32	3	18
		50	25	16.33	16.44	16.31	3	18
		50	50	16.46	16.49	16.43	3	18
		100	0	16.34	16.38	16.37	3	18
	256QAM	1	0	14.44	14.43	14.47	5	16
		1	50	14.38	14.46	14.50	5	16
		1	99	14.55	14.41	14.38	5	16
		50	0	14.38	14.39	14.54	5	16
		50	25	14.24	14.26	14.55	5	16
		50	50	14.37	14.39	14.41	5	16
		100	0	14.42	14.46	14.36	5	16
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	19.17	19.21	19.29	0	21
		1	37	19.23	19.14	19.28	0	21
		1	74	19.37	19.32	19.55	0	21
		36	0	18.10	18.33	18.14	1	20
		36	19	18.27	18.22	18.35	1	20
		36	39	18.18	18.21	18.15	1	20
		75	0	18.33	18.17	18.26	1	20
	16QAM	1	0	18.47	18.51	18.57	1	20
		1	37	18.48	18.39	18.66	1	20
		1	74	18.38	18.63	18.65	1	20
		36	0	17.25	17.19	17.29	2	19
		36	19	17.19	17.28	17.44	2	19
		36	39	17.42	17.28	17.32	2	19
		75	0	17.13	17.21	17.38	2	19
	64QAM	1	0	17.21	17.36	17.33	2	19
		1	37	17.44	17.40	17.37	2	19
		1	74	17.21	17.37	17.57	2	19
		36	0	16.24	16.20	16.17	3	18
		36	19	16.19	16.43	16.22	3	18
		36	39	16.42	16.47	16.37	3	18
		75	0	16.19	16.30	16.25	3	18
	256QAM	1	0	14.39	14.33	14.33	5	16
		1	37	14.32	14.33	14.47	5	16
		1	74	14.49	14.30	14.31	5	16
		36	0	14.34	14.30	14.44	5	16
		36	19	14.16	14.24	14.52	5	16
		36	39	14.24	14.30	14.38	5	16
		75	0	14.35	14.39	14.32	5	16
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	19.14	19.12	19.32	0	21
		1	24	19.22	19.18	19.30	0	21
		1	49	19.36	19.33	19.44	0	21
		25	0	18.20	18.33	18.11	1	20
		25	12	18.33	18.19	18.40	1	20
		25	25	18.19	18.26	18.15	1	20
		50	0	18.22	18.15	18.28	1	20
	16QAM	1	0	18.52	18.55	18.47	1	20
		1	24	18.44	18.38	18.56	1	20
		1	49	18.39	18.63	18.60	1	20
		25	0	17.28	17.20	17.32	2	19
		25	12	17.33	17.30	17.41	2	19
		25	25	17.36	17.34	17.30	2	19
		50	0	17.17	17.13	17.31	2	19
	64QAM	1	0	17.28	17.29	17.33	2	19
		1	24	17.36	17.33	17.38	2	19
		1	49	17.31	17.37	17.53	2	19
		25	0	16.22	16.28	16.23	3	18
		25	12	16.22	16.34	16.26	3	18
		25	25	16.38	16.46	16.42	3	18
		50	0	16.30	16.30	16.28	3	18
	256QAM	1	0	14.39	14.32	14.39	5	16
		1	24	14.31	14.32	14.46	5	16
		1	49	14.46	14.39	14.29	5	16
		25	0	14.35	14.34	14.46	5	16
		25	12	14.14	14.23	14.51	5	16
		25	25	14.31	14.24	14.30	5	16
		50	0	14.39	14.37	14.35	5	16
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	19.23	19.25	19.28	0	21
		1	12	19.18	19.21	19.39	0	21
		1	24	19.35	19.36	19.51	0	21
		12	0	18.24	18.24	18.20	1	20
		12	6	18.21	18.18	18.34	1	20
		12	13	18.19	18.26	18.23	1	20
		25	0	18.30	18.17	18.16	1	20
	16QAM	1	0	18.49	18.47	18.55	1	20
		1	12	18.44	18.44	18.58	1	20
		1	24	18.45	18.68	18.57	1	20
		12	0	17.26	17.25	17.23	2	19
		12	6	17.31	17.33	17.43	2	19
		12	13	17.35	17.31	17.24	2	19
		25	0	17.24	17.23	17.31	2	19
	64QAM	1	0	17.15	17.41	17.30	2	19
		1	12	17.36	17.47	17.32	2	19
		1	24	17.29	17.43	17.58	2	19
		12	0	16.34	16.19	16.26	3	18
		12	6	16.27	16.35	16.17	3	18
		12	13	16.44	16.47	16.32	3	18
		25	0	16.28	16.37	16.28	3	18
	256QAM	1	0	14.43	14.39	14.34	5	16
		1	12	14.28	14.31	14.39	5	16
		1	24	14.50	14.27	14.23	5	16
		12	0	14.34	14.24	14.45	5	16
		12	6	14.15	14.17	14.49	5	16
		12	13	14.24	14.34	14.32	5	16
		25	0	14.31	14.45	14.21	5	16

LTE Band 30 (Ant6)

BW	Modulation	RB Size	RB Offset		Mid		3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.02		0	24
		1	24		**23.11**		0	24
		1	49		23.04		0	24
		25	0		21.97		1	23
		25	12		21.96		1	23
		25	25		21.98		1	23
		50	0		21.94		1	23
	16QAM	1	0		22.11		1	23
		1	24		22.14		1	23
		1	49		22.09		1	23
		25	0		21.01		2	22
		25	12		21.03		2	22
		25	25		21.05		2	22
		50	0		20.98		2	22
	64QAM	1	0		20.76		2	22
		1	24		20.78		2	22
		1	49		20.70		2	22
		25	0		20.02		3	21
		25	12		20.03		3	21
		25	25		20.02		3	21
		50	0		19.99		3	21
	256QAM	1	0		17.92		5	19
		1	24		18.13		5	19
		1	49		17.98		5	19
		25	0		17.93		5	19
		25	12		18.04		5	19
		25	25		17.97		5	19
		50	0		18.00		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	22.89	22.95	22.95	0	24
		1	12	23.06	23.09	23.05	0	24
		1	24	22.90	23.02	23.01	0	24
		12	0	21.87	21.83	21.86	1	23
		12	6	21.81	21.83	21.85	1	23
		12	13	21.92	21.84	21.90	1	23
		25	0	21.86	21.86	21.82	1	23
	16QAM	1	0	22.04	22.00	22.03	1	23
		1	12	22.01	22.04	22.03	1	23
		1	24	21.94	22.05	21.94	1	23
		12	0	20.90	20.95	20.93	2	22
		12	6	20.99	21.01	20.89	2	22
		12	13	21.02	21.02	20.98	2	22
		25	0	20.90	20.96	20.95	2	22
	64QAM	1	0	20.70	20.61	20.65	2	22
		1	12	20.67	20.66	20.67	2	22
		1	24	20.69	20.63	20.58	2	22
		12	0	19.98	19.93	19.99	3	21
		12	6	20.01	19.99	20.00	3	21
		12	13	19.91	19.91	20.00	3	21
		25	0	19.90	19.96	19.88	3	21
	256QAM	1	0	17.89	17.89	17.89	5	19
		1	12	17.99	18.11	18.11	5	19
		1	24	17.89	17.86	17.88	5	19
		12	0	17.85	17.80	17.89	5	19
		12	6	17.89	17.97	17.90	5	19
		12	13	17.92	17.90	17.88	5	19
		25	0	17.98	17.93	17.86	5	19

LTE Band 66 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	17.34	**17.45**	17.27	0	19
		1	50	17.26	17.21	17.20	0	19
		1	99	17.28	17.34	17.17	0	19
		50	0	16.30	16.30	16.19	1	18
		50	25	16.32	16.39	16.11	1	18
		50	50	16.34	16.38	16.19	1	18
		100	0	16.24	16.35	16.12	1	18
	16QAM	1	0	16.62	16.55	16.34	1	18
		1	50	16.43	16.47	16.40	1	18
		1	99	16.46	16.43	16.25	1	18
		50	0	15.29	15.30	15.23	2	17
		50	25	15.26	15.33	15.19	2	17
		50	50	15.36	15.45	15.36	2	17
		100	0	15.23	15.37	15.03	2	17
	64QAM	1	0	15.43	15.32	15.20	2	17
		1	50	15.19	15.35	15.12	2	17
		1	99	15.23	15.35	15.17	2	17
		50	0	14.19	14.33	14.26	3	16
		50	25	14.38	14.41	14.07	3	16
		50	50	14.22	14.50	14.11	3	16
		100	0	14.33	14.33	14.20	3	16
	256QAM	1	0	12.37	12.38	12.17	5	14
		1	50	12.36	12.39	12.20	5	14
		1	99	12.42	12.33	12.20	5	14
		50	0	12.30	12.30	12.25	5	14
		50	25	12.38	12.48	12.27	5	14
		50	50	12.31	12.35	12.28	5	14
		100	0	12.29	12.33	12.23	5	14
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	17.27	17.40	17.24	0	19
		1	37	17.22	17.19	17.11	0	19
		1	74	17.17	17.27	17.13	0	19
		36	0	16.16	16.27	16.06	1	18
		36	19	16.18	16.38	16.09	1	18
		36	39	16.25	16.33	16.06	1	18
		75	0	16.12	16.31	15.98	1	18
	16QAM	1	0	16.61	16.49	16.24	1	18
		1	37	16.39	16.44	16.28	1	18
		1	74	16.38	16.35	16.23	1	18
		36	0	15.20	15.26	15.12	2	17
		36	19	15.16	15.29	15.16	2	17
		36	39	15.28	15.31	15.28	2	17
		75	0	15.22	15.34	15.02	2	17
	64QAM	1	0	15.31	15.31	15.19	2	17
		1	37	15.09	15.26	15.08	2	17
		1	74	15.10	15.31	15.13	2	17
		36	0	14.07	14.24	14.18	3	16
		36	19	14.33	14.30	14.00	3	16
		36	39	14.21	14.35	14.10	3	16
		75	0	14.30	14.20	14.09	3	16
	256QAM	1	0	12.27	12.29	12.14	5	14
		1	37	12.32	12.36	12.10	5	14
		1	74	12.37	12.19	12.18	5	14
		36	0	12.27	12.24	12.20	5	14
		36	19	12.25	12.35	12.12	5	14
		36	39	12.23	12.30	12.20	5	14
		75	0	12.28	12.25	12.08	5	14
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	17.32	17.35	17.14	0	19
		1	24	17.14	17.20	17.14	0	19
		1	49	17.23	17.20	17.06	0	19
		25	0	16.23	16.22	16.15	1	18
		25	12	16.18	16.32	16.05	1	18
		25	25	16.22	16.34	16.16	1	18
		50	0	16.23	16.21	15.98	1	18
	16QAM	1	0	16.54	16.53	16.32	1	18
		1	24	16.35	16.43	16.38	1	18
		1	49	16.40	16.33	16.24	1	18
		25	0	15.24	15.24	15.08	2	17
		25	12	15.20	15.30	15.15	2	17
		25	25	15.25	15.36	15.21	2	17
		50	0	15.08	15.33	14.99	2	17
	64QAM	1	0	15.31	15.19	15.17	2	17
		1	24	15.09	15.26	15.06	2	17
		1	49	15.09	15.23	15.03	2	17
		25	0	14.11	14.30	14.23	3	16
		25	12	14.24	14.40	13.93	3	16
		25	25	14.07	14.48	14.04	3	16
		50	0	14.26	14.25	14.10	3	16
	256QAM	1	0	12.24	12.24	12.10	5	14
		1	24	12.25	12.27	12.11	5	14
		1	49	12.27	12.23	12.05	5	14
		25	0	12.22	12.29	12.15	5	14
		25	12	12.27	12.37	12.26	5	14
		25	25	12.20	12.28	12.13	5	14
		50	0	12.26	12.25	12.08	5	14
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	17.31	17.41	17.26	0	19
		1	12	17.18	17.12	17.13	0	19
		1	24	17.21	17.32	17.05	0	19
		12	0	16.24	16.25	16.14	1	18
		12	6	16.27	16.33	16.03	1	18
		12	13	16.32	16.32	16.17	1	18
		25	0	16.16	16.22	16.08	1	18
	16QAM	1	0	16.49	16.49	16.23	1	18
		1	12	16.39	16.39	16.34	1	18
		1	24	16.35	16.37	16.13	1	18
		12	0	15.18	15.20	15.18	2	17
		12	6	15.23	15.21	15.05	2	17
		12	13	15.32	15.38	15.35	2	17
		25	0	15.21	15.25	14.93	2	17
	64QAM	1	0	15.32	15.27	15.05	2	17
		1	12	15.06	15.22	15.01	2	17
		1	24	15.18	15.30	15.13	2	17
		12	0	14.08	14.25	14.23	3	16
		12	6	14.30	14.31	13.92	3	16
		12	13	14.21	14.47	13.98	3	16
		25	0	14.32	14.31	14.09	3	16
	256QAM	1	0	12.23	12.31	12.15	5	14
		1	12	12.26	12.24	12.05	5	14
		1	24	12.36	12.30	12.15	5	14
		12	0	12.20	12.23	12.18	5	14
		12	6	12.27	12.46	12.12	5	14
		12	13	12.26	12.25	12.19	5	14
		25	0	12.25	12.31	12.13	5	14
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	17.33	17.38	17.13	0	19
		1	7	17.15	17.11	17.16	0	19
		1	14	17.18	17.24	17.06	0	19
		8	0	16.22	16.23	16.09	1	18
		8	3	16.28	16.27	15.99	1	18
		8	7	16.22	16.25	16.06	1	18
		15	0	16.09	16.32	16.05	1	18
	16QAM	1	0	16.55	16.42	16.22	1	18
		1	7	16.32	16.46	16.34	1	18
		1	14	16.45	16.37	16.12	1	18
		8	0	15.20	15.27	15.10	2	17
		8	3	15.19	15.22	15.16	2	17
		8	7	15.34	15.43	15.35	2	17
		15	0	15.22	15.33	14.89	2	17
	64QAM	1	0	15.33	15.30	15.16	2	17
		1	7	15.04	15.27	15.09	2	17
		1	14	15.22	15.32	15.09	2	17
		8	0	14.09	14.25	14.13	3	16
		8	3	14.30	14.26	13.92	3	16
		8	7	14.21	14.46	13.97	3	16
		15	0	14.24	14.28	14.06	3	16
	256QAM	1	0	12.30	12.26	12.02	5	14
		1	7	12.23	12.38	12.16	5	14
		1	14	12.28	12.28	12.18	5	14
		8	0	12.22	12.18	12.21	5	14
		8	3	12.26	12.37	12.20	5	14
		8	7	12.28	12.33	12.27	5	14
		15	0	12.18	12.31	12.18	5	14
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	17.32	17.30	17.17	0	19
		1	2	17.16	17.12	17.14	0	19
		1	5	17.25	17.28	17.04	0	19
		3	0	16.99	17.04	16.87	0	18
		3	1	17.24	17.24	17.10	0	18
		3	3	17.02	17.11	16.94	0	18
		6	0	16.11	16.32	15.97	1	18
	16QAM	1	0	16.50	16.40	16.25	1	18
		1	2	16.28	16.41	16.31	1	18
		1	5	16.40	16.37	16.11	1	18
		3	0	16.28	16.24	16.10	1	17
		3	1	16.23	16.29	16.06	1	17
		3	3	16.34	16.33	16.22	1	17
		6	0	15.14	15.30	14.98	2	17
	64QAM	1	0	15.40	15.20	15.17	2	17
		1	2	15.14	15.28	15.10	2	17
		1	5	15.20	15.20	15.11	2	17
		3	0	15.17	15.31	15.20	2	16
		3	1	15.26	15.27	14.95	2	16
		3	3	15.13	15.45	15.00	2	16
		6	0	14.24	14.21	14.11	3	16
	256QAM	1	0	12.29	12.27	12.12	5	14
		1	2	12.22	12.31	12.12	5	14
		1	5	12.39	12.31	12.06	5	14
		3	0	12.18	12.20	12.19	5	14
		3	1	12.35	12.46	12.13	5	14
		3	3	12.19	12.25	12.24	5	14
		6	0	12.17	12.19	12.21	5	14

n2 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.65	23.45	23.51	24
		1	53	23.57	23.39	23.43	24
		1	104	23.53	23.48	23.51	24
		50	0	22.60	22.65	22.62	24
		50	28	23.62	23.58	23.54	24
		50	56	22.59	22.55	22.45	24
		100	0	22.65	22.51	22.51	24
	DFT-s-OFDM QPSK	1	1	23.69	23.51	23.55	24
		1	53	23.62	23.45	23.55	24
		1	104	23.49	23.51	23.47	24
		50	0	23.05	22.90	22.90	24
		50	28	23.65	23.53	23.47	24
		50	56	23.15	22.98	22.98	24
		100	0	23.13	23.06	23.00	24
	DFT-s-OFDM 16QAM	1	1	22.74	22.70	22.74	23
	DFT-s-OFDM 64QAM	1	1	21.14	21.16	21.13	22
	DFT-s-OFDM 256QAM	1	1	19.25	19.09	19.14	21
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	23.53	23.34	23.41	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	23.51	23.31	23.38	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	23.50	23.30	23.43	24

n5 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		166800	167300	167800	
		Frequence (MHz)		834	836.5	839	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.43	23.41	23.31	24
		1	53	23.27	23.29	23.28	24
		1	104	23.14	23.09	23.02	24
		50	0	22.88	22.75	22.79	24
		50	28	23.30	23.20	23.15	24
		50	56	22.80	22.73	22.68	24
		100	0	22.87	22.78	22.75	24
	DFT-s-OFDM QPSK	1	1	23.53	23.46	23.39	24
		1	53	23.37	23.24	23.21	24
		1	104	23.25	23.12	23.17	24
		50	0	22.42	22.29	22.23	24
		50	28	23.26	23.21	23.27	24
		50	56	22.32	22.29	22.24	24
		100	0	22.37	22.23	22.26	24
	DFT-s-OFDM 16QAM	1	1	22.69	22.59	22.58	23
	DFT-s-OFDM 64QAM	1	1	21.12	21.00	20.98	22
	DFT-s-OFDM 256QAM	1	1	19.14	19.01	19.00	21
BW	MCS Index	Channel		166300	167300	168300	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5	
15M	DFT-s-OFDM QPSK	1	1	23.44	23.41	23.30	24
BW	MCS Index	Channel		165800	167300	168800	Max. Tune-up
		Frequence (MHz)		829	836.5	844	
10M	DFT-s-OFDM QPSK	1	1	23.45	23.44	23.36	24
BW	MCS Index	Channel		165300	167300	169300	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5	
5M	DFT-s-OFDM QPSK	1	1	23.39	23.38	23.33	24

n7 (SCS 15 kHz) (Ant6)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		504000	507000	510000	
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.43	23.21	23.47	24
		1	108	23.39	23.18	23.34	24
		1	214	23.21	23.22	23.31	24
		108	0	22.29	22.13	22.40	24
		108	54	23.26	23.11	23.23	24
		108	108	22.23	22.10	22.24	24
		216	0	22.16	22.15	22.22	24
	DFT-s-OFDM QPSK	1	1	23.35	23.35	23.55	24
		1	108	23.34	23.19	23.26	24
		1	214	23.43	23.25	23.40	24
		108	0	22.79	22.58	22.89	24
		108	54	23.33	23.12	23.16	24
		108	108	22.67	22.59	22.88	24
		216	0	22.68	22.49	22.73	24
	DFT-s-OFDM 16QAM	1	1	22.44	22.26	22.47	23
	DFT-s-OFDM 64QAM	1	1	21.13	20.95	21.03	22
	DFT-s-OFDM 256QAM	1	1	19.39	19.34	19.46	20
BW	MCS Index	Channel		503000	507000	511000	Max. Tune-up (dBm)
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	23.41	23.25	23.58	24
BW	MCS Index	Channel		502500	507000	511500	Max. Tune-up (dBm)
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	23.49	23.35	23.59	24
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up (dBm)
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	23.40	23.29	23.52	24
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	23.35	23.25	23.41	24
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	23.23	23.24	23.36	24
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	23.33	23.21	23.36	24

n12 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		141300	141500	141700	
		Frequence (MHz)		706.5	707.5	708.5	
15M	DFT-s-OFDM Pi/2 BPSK	1	1	23.13	23.08	23.09	24
		1	38	23.05	22.91	22.87	24
		1	77	22.91	22.85	22.87	24
		36	0	21.98	21.94	21.99	24
		36	22	22.91	22.89	22.97	24
		36	43	21.90	21.92	21.88	24
		75	0	22.01	21.94	21.89	24
	DFT-s-OFDM QPSK	1	1	23.14	23.05	23.05	24
		1	38	23.09	22.94	23.04	24
		1	77	22.93	22.89	22.89	24
		36	0	22.50	22.50	22.37	24
		36	22	22.92	22.79	22.89	24
		36	43	22.32	22.32	22.34	24
		75	0	22.42	22.39	22.36	24
	DFT-s-OFDM 16QAM	1	1	22.21	22.21	22.14	23
	DFT-s-OFDM 64QAM	1	1	20.66	20.65	20.68	22
	DFT-s-OFDM 256QAM	1	1	18.79	18.73	18.68	21
BW	MCS Index	Channel		140800	141500	142200	Max. Tune-up
		Frequence (MHz)		704	707.5	711	
10M	DFT-s-OFDM QPSK	1	1	23.03	22.93	22.94	24
BW	MCS Index	Channel		140300	141500	142700	Max. Tune-up
		Frequence (MHz)		701.5	707.5	713.5	
5M	DFT-s-OFDM QPSK	1	1	23.01	22.98	23.06	24

n13 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			156400		
		Frequence (MHz)			782		
10M	DFT-s-OFDM Pi/2 BPSK	1	1		23.25		24
		1	25		23.27		24
		1	50		23.32		24
		25	0		22.76		24
		25	14		23.20		24
		25	27		22.62		24
		50	0		22.73		24
	DFT-s-OFDM QPSK	1	1		23.43		24
		1	25		23.32		24
		1	50		23.36		24
		25	0		22.26		24
		25	14		23.26		24
		25	27		22.18		24
		50	0		22.26		24
	DFT-s-OFDM 16QAM	1	1		23.30		23
	DFT-s-OFDM 64QAM	1	1		20.87		22
	DFT-s-OFDM 256QAM	1	1		18.85		21
BW	MCS Index	Channel		155900	156400	156900	Max. Tune-up
		Frequence (MHz)		779.5	782	784.5	
5M	DFT-s-OFDM QPSK	1	1	23.29	23.34	23.42	24

n14 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			158600		
		Frequence (MHz)			793		
10M	DFT-s-OFDM Pi/2 BPSK	1	1		23.42		24
		1	25		23.38		24
		1	50		23.37		24
		25	0		22.82		24
		25	14		23.25		24
		25	27		22.76		24
		50	0		22.77		24
	DFT-s-OFDM QPSK	1	1		23.53		24
		1	25		23.40		24
		1	50		23.39		24
		25	0		22.36		24
		25	14		23.29		24
		25	27		22.28		24
		50	0		22.36		24
	DFT-s-OFDM 16QAM	1	1		22.57		23
	DFT-s-OFDM 64QAM	1	1		21.05		22
	DFT-s-OFDM 256QAM	1	1		18.96		20
BW	MCS Index	Channel		158100	158600	159100	Max. Tune-up
		Frequence (MHz)		790.5	793	795.5	
5M	DFT-s-OFDM QPSK	1	1	23.45	23.40	23.47	24

n25 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		374000	376500	379000	
		Frequence (MHz)		1870	1882.5	1895	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.19	23.20	23.27	24
		1	107	23.20	23.05	23.09	24
		1	214	23.14	23.01	23.14	24
		108	0	22.17	22.03	22.07	24
		108	54	22.11	21.91	22.05	24
		108	108	22.16	21.91	22.17	24
		216	0	22.71	22.60	22.56	24
	DFT-s-OFDM QPSK	1	1	23.30	23.01	23.10	24
		1	107	23.17	22.99	23.02	24
		1	214	23.24	22.99	23.06	24
		108	0	22.65	22.51	22.65	24
		108	54	23.14	23.01	23.11	24
		108	108	22.62	22.55	22.56	24
		216	0	22.06	22.05	22.21	24
	DFT-s-OFDM 16QAM	1	1	22.32	22.16	22.20	23
	DFT-s-OFDM 64QAM	1	1	20.83	20.71	20.77	22
	DFT-s-OFDM 256QAM	1	1	18.86	18.82	18.80	21
BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
		Frequence (MHz)		1865	1882.5	1900	
30M	DFT-s-OFDM QPSK	1	1	23.23	23.01	23.04	24
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up
		Frequence (MHz)		1862.5	1882.5	1902.5	
25M	DFT-s-OFDM QPSK	1	1	23.13	22.83	23.11	24
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up
		Frequence (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM QPSK	1	1	23.05	22.86	22.98	24
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequence (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	23.05	22.82	23.04	24
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequence (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	23.10	22.82	23.00	24
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequence (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	23.06	22.94	23.07	24

n26 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		164800	166300	167800	
		Frequence (MHz)		824	831.5	839	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.05	22.97	23.14	24
		1	53	23.05	22.98	23.14	24
		1	104	23.00	22.90	23.07	24
		50	0	22.49	22.56	22.69	24
		50	28	23.00	22.97	23.11	24
		50	56	22.54	22.42	22.50	24
		100	0	22.54	22.38	22.61	24
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.22	24
		1	53	22.96	22.87	23.06	24
		1	104	23.05	22.89	23.05	24
		50	0	22.01	21.96	22.14	24
		50	28	22.92	22.90	22.98	24
		50	56	22.04	21.99	22.13	24
		100	0	22.06	21.95	22.06	24
	DFT-s-OFDM 16QAM	1	1	22.20	22.14	22.33	23
	DFT-s-OFDM 64QAM	1	1	20.76	20.62	20.79	22
	DFT-s-OFDM 256QAM	1	1	18.77	18.76	18.75	20
BW	MCS Index	Channel		164300	166300	168300	Max. Tune-up
		Frequence (MHz)		821.5	831.5	841.5	
15M	DFT-s-OFDM QPSK	1	1	23.01	23.12	23.21	24
BW	MCS Index	Channel		163800	166300	168800	Max. Tune-up
		Frequence (MHz)		819	831.5	844	
10M	DFT-s-OFDM QPSK	1	1	23.23	23.14	23.11	24
BW	MCS Index	Channel		163300	166300	169300	Max. Tune-up
		Frequence (MHz)		816.5	831.5	846.5	
5M	DFT-s-OFDM QPSK	1	1	23.04	23.03	23.19	24

n30 (SCS 15 kHz) (Ant10)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			462000		
		Frequence (MHz)			2310		
10M	DFT-s-OFDM Pi/2 BPSK	1	1		22.08		22.5
		1	25		22.02		22.5
		1	50		21.97		22.5
		25	0		21.51		22.5
		25	14		21.98		22.5
		25	27		21.49		22.5
		50	0		21.47		22.5
	DFT-s-OFDM QPSK	1	1		22.14		22.5
		1	25		22.13		22.5
		1	50		22.09		22.5
		25	0		21.00		22.5
		25	14		21.91		22.5
		25	27		21.00		22.5
		50	0		20.98		22.5
	DFT-s-OFDM 16QAM	1	1		21.29		21.5
	DFT-s-OFDM 64QAM	1	1		19.75		20.5
	DFT-s-OFDM 256QAM	1	1		17.64		18.5
BW	MCS Index	Channel		461500	462000	462500	Max. Tune-up
		Frequence (MHz)		2307.5	2310	2312.5	
5M	DFT-s-OFDM QPSK	1	1	22.04	22.10	22.06	22.5

n38 (SCS 30 kHz) (Ant6)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	21.37	21.37	21.47	22.5
		1	52	21.27	21.24	21.16	22.5
		1	104	21.40	21.24	21.40	22.5
		50	0	20.26	20.20	20.22	22.5
		50	28	21.25	21.30	21.20	22.5
		50	56	20.31	20.11	20.20	22.5
		100	0	20.20	20.19	20.36	22.5
	DFT-s-OFDM QPSK	1	1	21.37	21.36	21.56	22.5
		1	52	21.30	21.19	21.37	22.5
		1	104	21.34	21.17	21.19	22.5
		50	0	20.77	20.74	20.83	22.5
		50	28	21.27	21.22	21.40	22.5
		50	56	20.72	20.60	20.69	22.5
		100	0	20.74	20.71	20.77	22.5
	DFT-s-OFDM 16QAM	1	1	20.41	20.39	20.48	21.5
	DFT-s-OFDM 64QAM	1	1	18.97	18.83	18.91	20.5
	DFT-s-OFDM 256QAM	1	1	16.90	16.78	16.96	18.5
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	21.31	21.31	21.55	22.5
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	21.27	21.23	21.53	22.5
BW	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	21.32	21.22	21.49	22.5
BW	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	21.24	21.25	21.44	22.5

n41 PC3/PC2 (SCS 30 kHz) (Ant10)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.64	22.65	22.63	23.5
		1	137	22.66	22.60	22.74	23.5
		1	271	22.49	22.42	22.59	23.5
		135	0	22.46	22.41	22.56	23.5
		135	69	22.53	22.55	22.55	23.5
		135	138	22.51	22.51	22.62	23.5
		270	0	22.58	22.40	22.69	23.5
	DFT-s-OFDM QPSK	1	1	22.73	22.69	22.81	23.5
		1	137	22.54	22.47	22.64	23.5
		1	271	22.54	22.49	22.61	23.5
		135	0	22.41	22.50	22.64	23.5
		135	69	22.52	22.60	22.63	23.5
		135	138	22.55	22.56	22.72	23.5
		270	0	22.47	22.58	22.70	23.5
	DFT-s-OFDM 16QAM	1	1	22.67	22.52	22.65	23.5
	DFT-s-OFDM 64QAM	1	1	22.62	22.59	22.66	23.5
	DFT-s-OFDM 256QAM	1	1	21.14	21.14	21.26	22.5
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	22.67	22.66	22.77	23.5
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	22.69	22.54	22.79	23.5
BW	MCS Index	Channel		505202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	22.67	22.63	22.74	23.5
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	22.60	22.60	22.78	23.5
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	22.62	22.55	22.76	23.5
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	22.68	22.54	22.79	23.5
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	22.61	22.63	22.78	23.5
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	22.60	22.67	22.70	23.5
BW	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	22.66	22.67	22.79	23.5
BW	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	22.71	22.68	22.66	23.5

n48 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequence (MHz)		3570	3624.99	3679.98	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	17.75	17.65	17.59	18.5
		1	52	17.88	17.91	17.80	18.5
		1	104	17.67	17.87	17.72	18.5
		50	0	17.23	17.19	17.15	18.5
		50	28	17.87	17.70	17.65	18.5
		50	56	17.18	17.22	17.05	18.5
		100	0	17.17	17.33	17.19	18.5
	DFT-s-OFDM QPSK	1	1	17.98	17.85	17.73	18.5
		1	52	17.86	17.84	17.69	18.5
		1	104	17.91	17.93	17.95	18.5
		50	0	16.80	16.71	16.69	18.5
		50	28	17.80	17.65	17.60	18.5
		50	56	16.76	16.63	16.66	18.5
		100	0	16.60	16.83	16.62	18.5
	DFT-s-OFDM 16QAM	1	1	17.19	17.16	17.12	17.5
	DFT-s-OFDM 64QAM	1	1	15.42	15.30	15.42	16.5
	DFT-s-OFDM 256QAM	1	1	13.48	13.44	13.25	14.5
BW	MCS Index	Channel		637668	641666	645666	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99	
30M	DFT-s-OFDM QPSK	1	1	17.92	17.79	17.62	18.5
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM QPSK	1	1	17.94	17.80	17.60	18.5
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98	
10M	DFT-s-OFDM QPSK	1	1	17.93	17.84	17.63	18.5

n66 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequence (MHz)		1730	1745	1760	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	22.86	22.80	22.73	24
		1	107	22.89	22.75	22.83	24
		1	214	22.84	22.71	22.73	24
		108	0	21.93	21.75	21.75	24
		108	54	22.89	22.63	22.70	24
		108	108	21.96	21.85	21.67	24
		216	0	21.88	21.87	21.73	24
	DFT-s-OFDM QPSK	1	1	23.00	22.87	22.80	24
		1	107	22.86	22.78	22.72	24
		1	214	22.80	22.69	22.65	24
		108	0	22.32	22.27	22.27	24
		108	54	22.91	22.90	22.79	24
		108	108	22.42	22.22	22.20	24
		216	0	22.45	22.37	22.34	24
	DFT-s-OFDM 16QAM	1	1	21.97	21.75	21.92	23
	DFT-s-OFDM 64QAM	1	1	20.62	20.34	20.32	21.5
	DFT-s-OFDM 256QAM	1	1	18.65	18.53	18.56	19.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequence (MHz)		1725	1745	1765	
30M	DFT-s-OFDM QPSK	1	1	22.95	22.79	22.85	24
BW	MCS Index	Channel		344500	349000	353500	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5	
25M	DFT-s-OFDM QPSK	1	1	22.78	22.64	22.52	24
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequence (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	22.77	22.70	22.53	24

n71 (SCS 15 kHz) (Ant0)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		134600	136100	137600	
		Frequence (MHz)		673	680.5	688	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	22.95	22.80	22.83	24
		1	53	22.71	22.59	22.64	24
		1	104	22.68	22.51	22.66	24
		50	0	22.35	22.22	22.36	24
		50	28	22.77	22.53	22.60	24
		50	56	22.27	22.10	22.08	24
		100	0	22.28	21.99	22.12	24
	DFT-s-OFDM QPSK	1	1	23.06	22.82	22.90	24
		1	53	22.86	22.70	22.68	24
		1	104	22.82	22.61	22.79	24
		50	0	21.81	21.63	21.74	24
		50	28	22.80	22.57	22.69	24
		50	56	21.67	21.59	21.65	24
		100	0	21.72	21.48	21.58	24
	DFT-s-OFDM 16QAM	1	1	22.21	22.03	22.12	23
	DFT-s-OFDM 64QAM	1	1	20.70	20.44	20.62	21.5
	DFT-s-OFDM 256QAM	1	1	18.39	18.24	18.21	19.5
BW	MCS Index	Channel		134100	136100	138100	Max. Tune-up
		Frequence (MHz)		670.5	680.5	690.5	
15M	DFT-s-OFDM QPSK	1	1	22.98	22.74	22.77	24
BW	MCS Index	Channel		133600	136100	138600	Max. Tune-up
		Frequence (MHz)		668	680.5	693	
10M	DFT-s-OFDM QPSK	1	1	22.96	22.70	22.86	24
BW	MCS Index	Channel		133100	136100	139100	Max. Tune-up
		Frequence (MHz)		665.5	680.5	695.5	
5M	DFT-s-OFDM QPSK	1	1	23.03	22.72	22.81	24
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	22.78	22.68	22.56	24
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	22.81	22.76	22.61	24
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	22.79	22.71	22.63	24

n77 PC3/PC2 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		17.61		19
		1	137		17.45		19
		1	271		17.44		19
		135	0		17.30		19
		135	69		17.48		19
		135	138		17.40		19
		270	0		17.33		19
	DFT-s-OFDM QPSK	1	1		17.78		19
		1	137		17.52		19
		1	271		17.47		19
		135	0		17.31		19
		135	69		17.46		19
		135	138		17.46		19
		270	0		17.44		19
	DFT-s-OFDM 16QAM	1	1		17.66		19
	DFT-s-OFDM 64QAM	1	1		17.44		18.5
	DFT-s-OFDM 256QAM	1	1		16.08		17.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	17.70	17.69	17.76	19
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	17.66	17.77	17.65	19
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	17.68	17.63	17.71	19
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	17.66	17.73	17.63	19
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	17.75	17.70	17.76	19
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	17.72	17.63	17.74	19
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	17.73	17.65	17.64	19
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	17.70	17.68	17.63	19
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	17.74	17.71	17.75	19
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	17.70	17.67	17.65	19

n77 PC3/PC2 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	18.14	17.59	17.81	19
		1	137	17.91	17.64	17.84	19
		1	271	17.97	17.46	17.64	19
		135	0	17.79	17.50	17.76	19
		135	69	17.91	17.35	17.57	19
		135	138	17.93	17.40	17.67	19
		270	0	17.80	17.45	17.79	19
	DFT-s-OFDM QPSK	1	1	18.16	17.61	18.02	19
		1	137	17.95	17.57	17.76	19
		1	271	17.94	17.34	17.62	19
		135	0	17.64	17.40	17.65	19
		135	69	17.94	17.44	17.75	19
		135	138	17.80	17.45	17.68	19
		270	0	17.76	17.33	17.64	19
	DFT-s-OFDM 16QAM	1	1	18.09	17.54	17.62	19
	DFT-s-OFDM 64QAM	1	1	17.71	17.30	17.60	18.5
	DFT-s-OFDM 256QAM	1	1	16.49	15.98	16.42	17.5
BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	18.10	17.52	17.96	19
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	18.08	17.47	17.91	19
BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	18.14	17.50	17.95	19
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	18.10	17.54	17.96	19
BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	18.13	17.46	17.96	19
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	18.02	17.51	17.98	19
BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	18.10	17.53	17.98	19
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	18.01	17.57	17.96	19
BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM QPSK	1	1	18.12	17.60	17.92	19
BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequence (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	18.14	17.58	17.99	19

n78 PC3/PC2 (SCS 30 kHz) (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		18.10		19
		1	137		18.09		19
		1	271		17.95		19
		135	0		17.95		19
		135	69		17.94		19
		135	138		17.95		19
		270	0		17.97		19
	DFT-s-OFDM QPSK	1	1		18.23		19
		1	137		18.17		19
		1	271		18.03		19
		135	0		17.85		19
		135	69		17.96		19
		135	138		17.99		19
		270	0		18.03		19
	DFT-s-OFDM 16QAM	1	1		17.89		19
	DFT-s-OFDM 64QAM	1	1		17.30		18.5
	DFT-s-OFDM 256QAM	1	1		16.47		17.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	18.22	18.10	18.16	19
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	18.13	18.15	18.08	19
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	18.17	18.18	18.13	19
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	18.15	18.10	18.09	19
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	18.08	18.09	18.21	19
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	18.21	18.14	18.13	19
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	18.16	18.19	18.21	19
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	18.11	18.14	18.20	19
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	18.17	18.12	18.21	19
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	18.12	18.20	18.11	19

n2 (SCS 15 kHz) (Ant2)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	20.67	20.55	20.81	21.5
		1	53	20.72	20.50	20.46	21.5
		1	104	20.57	20.70	20.98	21.5
		50	0	19.44	19.68	19.46	21.5
		50	28	20.73	20.64	20.99	21.5
		50	56	19.69	19.33	19.93	21.5
		100	0	19.82	19.71	19.45	21.5
	DFT-s-OFDM QPSK	1	1	21.08	20.76	20.63	21.5
		1	53	20.90	20.67	20.95	21.5
		1	104	20.71	20.62	20.56	21.5
		50	0	20.13	20.11	19.96	21.5
		50	28	20.66	20.55	20.61	21.5
		50	56	20.08	20.16	20.31	21.5
		100	0	20.10	20.30	20.25	21.5
	DFT-s-OFDM	1	1	19.72	19.40	19.58	20.5
	DFT-s-OFDM	1	1	18.19	18.14	18.20	19.5
	DFT-s-OFDM	1	1	15.93	16.05	16.13	18.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM	1	1	21.04	20.66	20.58	21.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	DFT-s-OFDM	1	1	20.94	20.71	20.61	21.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM	1	1	20.96	20.68	20.51	21.5

n7 (SCS 15 kHz) (Ant10)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		504000	507000	510000	
		Frequency (MHz)		2520	2535	2550	
40M	DFT-s-OFDM PI/2 BPSK	1	1	21.28	20.90	21.14	22
		1	108	21.05	21.07	21.11	22
		1	214	19.92	20.15	20.12	22
		108	0	20.33	20.47	20.44	22
		108	54	20.85	20.85	21.12	22
		108	108	20.34	20.25	20.42	22
		216	0	20.57	20.23	20.76	22
	DFT-s-OFDM QPSK	1	1	21.15	21.00	21.28	22
		1	108	20.83	20.89	21.04	22
		1	214	20.90	21.04	21.23	22
		108	0	19.80	19.93	20.22	22
		108	54	20.83	20.94	21.13	22
		108	108	19.98	20.22	20.05	22
		216	0	20.08	19.89	19.97	22
	DFT-s-OFDM	1	1	19.93	20.14	20.24	21
	DFT-s-OFDM	1	1	18.71	18.81	19.04	20
	DFT-s-OFDM	1	1	17.20	17.17	17.20	19
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequency (MHz)		2515	2535	2555	
30M	DFT-s-OFDM	1	1	21.19	21.01	21.19	22
BW	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM	1	1	21.27	21.10	21.29	22
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequency (MHz)		2510	2535	2560	
20M	DFT-s-OFDM	1	1	21.20	21.04	21.17	22
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM	1	1	21.25	20.97	21.19	22
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	
10M	DFT-s-OFDM	1	1	21.15	21.02	21.18	22
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM	1	1	21.14	21.02	21.20	22

n38 (SCS 30 kHz) (Ant6)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequency (MHz)		2590	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK	1	1	20.76	20.62	20.72	22
		1	52	20.25	20.23	20.23	22
		1	104	20.60	20.59	20.58	22
		50	0	19.85	20.24	19.63	21
		50	28	20.72	20.39	20.48	21
		50	56	19.80	20.14	20.15	21
		100	0	20.05	20.21	19.73	21
	DFT-s-OFDM QPSK	1	1	20.81	20.94	20.95	22
		1	52	20.56	20.46	20.54	22
		1	104	20.69	20.68	20.61	22
		50	0	19.71	19.41	19.30	21
		50	28	20.52	20.89	20.70	21
		50	56	19.77	19.77	19.73	21
		100	0	19.58	19.63	19.41	21
	DFT-s-OFDM	1	1	19.66	19.93	19.89	21
	DFT-s-OFDM	1	1	18.14	18.01	17.95	20
	DFT-s-OFDM	1	1	16.35	16.50	16.31	18
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequency (MHz)		2585	2595	2605	
30M	DFT-s-OFDM	1	1	20.77	20.83	20.93	22
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequency (MHz)		2580	2595	2610	
20M	DFT-s-OFDM	1	1	20.71	20.87	20.91	22
BW	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequency (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM	1	1	20.80	20.83	20.84	22
BW	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequency (MHz)		2575	2595	2615	
10M	DFT-s-OFDM	1	1	20.66	20.83	20.81	22

n66 (SCS 15 kHz) (Ant2)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	DFT-s-OFDM PI/2 BPSK	1	1	17.91	17.77	17.77	19
		1	107	17.75	17.56	17.59	19
		1	214	17.82	17.69	17.55	19
		108	0	17.40	17.28	17.34	19
		108	54	17.69	17.65	17.59	19
		108	108	17.27	17.13	17.19	19
		216	0	17.31	17.22	17.28	19
	DFT-s-OFDM QPSK	1	1	17.95	17.85	17.72	19
		1	107	17.87	17.73	17.77	19
		1	214	17.60	17.55	17.68	19
		108	0	16.68	16.69	16.78	19
		108	54	17.73	17.67	17.80	19
		108	108	16.81	16.67	16.69	19
		216	0	16.65	16.73	16.68	19
	DFT-s-OFDM	1	1	16.96	16.87	16.81	18
	DFT-s-OFDM	1	1	15.26	15.06	15.14	16.5
	DFT-s-OFDM	1	1	13.50	13.42	13.38	14.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM	1	1	17.92	17.75	17.67	19
BW	MCS Index	Channel		344500	349000	353500	Max. Tune-up
		Frequency (MHz)		1722.5	1745	1767.5	
25M	DFT-s-OFDM	1	1	17.90	17.72	17.57	19
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM	1	1	17.87	17.77	17.64	19
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM	1	1	17.89	17.76	17.70	19
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM	1	1	17.94	17.78	17.64	19
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM	1	1	17.93	17.72	17.68	19

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		17.58		19
		1	137		17.45		19
		1	271		17.41		19
		135	0		17.27		19
		135	69		17.45		19
		135	138		17.38		19
		270	0		17.30		19
	DFT-s-OFDM QPSK	1	1		17.76		19
		1	137		17.47		19
		1	271		17.47		19
		135	0		17.26		19
		135	69		17.43		19
		135	138		17.42		19
		270	0		17.42		19
	DFT-s-OFDM 16QAM	1	1		17.66		19
	DFT-s-OFDM 64QAM	1	1		17.40		18.5
	DFT-s-OFDM 256QAM	1	1		16.06		17.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	17.69	17.64	17.72	19
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	17.64	17.74	17.65	19
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	17.66	17.62	17.69	19
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	17.63	17.72	17.63	19
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	17.74	17.69	17.76	19
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	17.68	17.62	17.73	19
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	17.70	17.61	17.59	19
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	17.66	17.68	17.59	19
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	17.72	17.71	17.73	19
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	17.66	17.64	17.60	19

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	18.10	17.54	17.76	19
		1	137	17.90	17.62	17.80	19
		1	271	17.92	17.44	17.60	19
		135	0	17.78	17.45	17.71	19
		135	69	17.90	17.31	17.53	19
		135	138	17.93	17.39	17.62	19
		270	0	17.75	17.45	17.75	19
	DFT-s-OFDM QPSK	1	1	18.11	17.56	17.99	19
		1	137	17.91	17.54	17.72	19
		1	271	17.94	17.33	17.57	19
		135	0	17.64	17.38	17.60	19
		135	69	17.94	17.41	17.73	19
		135	138	17.79	17.43	17.63	19
		270	0	17.75	17.29	17.59	19
	DFT-s-OFDM 16QAM	1	1	18.08	17.51	17.62	19
	DFT-s-OFDM 64QAM	1	1	17.71	17.26	17.59	18.5
	DFT-s-OFDM 256QAM	1	1	16.48	15.97	16.41	17.5
BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequence (MHz)		3746.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	18.05	17.48	17.91	19
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	18.03	17.44	17.86	19
BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	18.14	17.46	17.95	19
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	18.08	17.50	17.95	19
BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	18.08	17.42	17.95	19
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	18.02	17.47	17.98	19
BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	18.05	17.50	17.96	19
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	17.99	17.57	17.92	19
BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM QPSK	1	1	18.07	17.55	17.88	19
BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequence (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	18.12	17.56	17.96	19

n78 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		18.08		19
		1	137		18.06		19
		1	271		17.92		19
		135	0		17.94		19
		135	69		17.89		19
		135	138		17.90		19
		270	0		17.94		19
	DFT-s-OFDM QPSK	1	1		18.22		19
		1	137		18.16		19
		1	271		18.02		19
		135	0		17.85		19
		135	69		17.91		19
		135	138		17.97		19
		270	0		18.03		19
	DFT-s-OFDM 16QAM	1	1		17.86		19
	DFT-s-OFDM 64QAM	1	1		17.30		18.5
	DFT-s-OFDM 256QAM	1	1		16.42		17.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	18.21	18.09	18.16	19
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	18.09	18.13	18.03	19
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	18.15	18.14	18.09	19
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	18.15	18.07	18.06	19
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	18.08	18.06	18.18	19
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	18.17	18.11	18.12	19
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	18.14	18.18	18.20	19
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	18.10	18.10	18.16	19
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	18.14	18.09	18.20	19
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	18.07	18.16	18.06	19

DSI3 Power

Band	GSM850 (Ant0)				GSM1900 (Ant0)			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	**30.75**	30.56	30.55	32.50	28.31	**28.53**	28.51	30.00
GPRS 1Tx Slot	30.63	30.55	30.55	32.50	28.41	28.52	28.50	30.00
GPRS 2Tx Slot	28.51	28.69	28.59	30.50	26.58	26.35	26.39	28.00
GPRS 3Tx Slot	26.56	26.62	26.52	28.50	24.51	24.53	24.43	26.00
GPRS 4Tx Slot	24.53	24.71	24.56	26.50	22.18	22.37	22.37	24.00
EDGE 1Tx Slot	26.22	26.10	26.18	27.50	25.47	25.46	25.27	26.50
EDGE 2Tx Slot	25.01	24.98	24.82	26.50	24.04	24.29	24.06	25.50
EDGE 3Tx Slot	23.84	23.66	23.86	25.50	22.90	23.17	22.98	24.50
EDGE 4Tx Slot	22.79	22.86	22.82	24.50	21.86	22.06	22.00	23.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	21.75	21.56	21.55	23.50	19.31	19.53	19.51	21.00
GPRS 1Tx Slot	21.63	21.55	21.55	23.50	19.41	19.52	19.50	21.00
GPRS 2Tx Slot	22.51	22.69	22.59	24.50	20.58	20.35	20.39	22.00
GPRS 3Tx Slot	22.30	22.36	22.26	24.24	20.25	20.27	20.17	21.74
GPRS 4Tx Slot	21.53	21.71	21.56	23.50	19.18	19.37	19.37	21.00
EDGE 1Tx Slot	17.22	17.10	17.18	18.50	16.47	16.46	16.27	17.50
EDGE 2Tx Slot	19.01	18.98	18.82	20.50	18.04	18.29	18.06	19.50
EDGE 3Tx Slot	19.58	19.40	19.60	21.24	18.64	18.91	18.72	20.24
EDGE 4Tx Slot	19.79	19.86	19.82	21.50	18.86	19.06	19.00	20.50

Band	WCDMA II (Ant0)			WCDMA II	WCDMA IV (Ant0)			WCDMA IV	WCDMA V (Ant0)			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	**22.45**	22.35	22.30	**23.50**	20.84	**20.87**	20.85	**22.00**	22.87	**22.94**	22.88	**24.00**
HSDPA Subtest-1	21.38	21.32	21.54	22.50	19.83	19.90	19.81	21.00	21.95	21.91	21.91	23.00
HSDPA Subtest-2	21.31	21.42	21.42	22.50	19.93	19.86	19.92	21.00	21.93	21.88	21.99	23.00
HSDPA Subtest-3	20.90	20.84	20.80	22.00	19.35	19.42	19.38	20.50	21.42	21.40	21.46	22.50
HSDPA Subtest-4	20.91	20.87	20.89	22.00	19.42	19.44	19.43	20.50	21.45	21.47	21.35	22.50
DC-HSDPA Subtest-1	21.30	21.34	21.42	22.50	19.80	19.86	19.81	21.00	21.96	21.82	21.99	23.00
DC-HSDPA Subtest-2	21.32	21.39	21.40	22.50	19.81	19.90	19.85	21.00	21.89	21.89	21.94	23.00
DC-HSDPA Subtest-3	20.92	20.84	20.89	22.00	19.38	19.46	19.41	20.50	21.33	21.41	21.43	22.50
DC-HSDPA Subtest-4	20.93	20.81	20.75	22.00	19.30	19.35	19.37	20.50	21.36	21.39	21.38	22.50
HSUPA Subtest-1	21.47	21.33	21.25	22.50	19.82	19.93	19.83	21.00	21.95	21.98	21.94	23.00
HSUPA Subtest-2	19.52	19.38	19.38	20.50	17.89	17.82	17.93	19.00	19.92	19.93	19.95	21.00
HSUPA Subtest-3	20.45	20.34	20.31	21.50	18.85	18.96	18.93	20.00	20.84	20.92	20.89	22.00
HSUPA Subtest-4	19.40	19.38	19.39	20.50	17.80	17.96	17.93	19.00	19.96	19.99	19.93	21.00
HSUPA Subtest-5	21.54	21.39	21.31	22.50	19.87	19.88	19.80	21.00	21.85	22.00	21.84	23.00
HSPA+ Subtest-1	18.93	18.81	18.80	20.00	17.31	17.41	17.40	18.50	19.34	19.44	19.40	20.50

LTE Band 2 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.56**	22.52	22.42	0	24
		1	50	22.46	22.45	22.33	0	24
		1	99	22.28	22.32	22.30	0	24
		50	0	21.59	21.49	21.41	1	23
		50	25	21.64	21.53	21.58	1	23
		50	50	21.62	21.50	21.55	1	23
		100	0	21.59	21.48	21.52	1	23
	16QAM	1	0	21.54	21.51	21.48	1	23
		1	50	21.57	21.56	21.48	1	23
		1	99	21.49	21.45	21.32	1	23
		50	0	20.54	20.52	20.49	2	22
		50	25	20.62	20.56	20.48	2	22
		50	50	20.52	20.59	20.43	2	22
		100	0	20.66	20.58	20.57	2	22
	64QAM	1	0	20.59	20.57	20.52	2	22
		1	50	20.49	20.47	20.42	2	22
		1	99	20.48	20.50	20.35	2	22
		50	0	19.52	19.50	19.46	3	21
		50	25	19.68	19.63	19.52	3	21
		50	50	19.53	19.53	19.43	3	21
		100	0	19.68	19.49	19.46	3	21
	256QAM	1	0	17.56	17.45	17.49	5	19
		1	50	17.42	17.42	17.33	5	19
		1	99	17.41	17.48	17.22	5	19
		50	0	17.43	17.36	17.37	5	19
		50	25	17.67	17.48	17.46	5	19
		50	50	17.42	17.49	17.33	5	19
		100	0	17.56	17.40	17.38	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.53	22.43	22.35	0	24
		1	37	22.38	22.41	22.31	0	24
		1	74	22.27	22.18	22.23	0	24
		36	0	21.48	21.45	21.40	1	23
		36	19	21.59	21.49	21.43	1	23
		36	39	21.50	21.38	21.46	1	23
		75	0	21.44	21.35	21.45	1	23
	16QAM	1	0	21.46	21.45	21.35	1	23
		1	37	21.56	21.54	21.38	1	23
		1	74	21.44	21.34	21.29	1	23
		36	0	20.49	20.39	20.34	2	22
		36	19	20.53	20.51	20.33	2	22
		36	39	20.37	20.48	20.38	2	22
		75	0	20.64	20.54	20.49	2	22
	64QAM	1	0	20.44	20.51	20.42	2	22
		1	37	20.35	20.37	20.36	2	22
		1	74	20.47	20.40	20.33	2	22
		36	0	19.41	19.48	19.40	3	21
		36	19	19.57	19.52	19.38	3	21
		36	39	19.38	19.49	19.35	3	21
		75	0	19.57	19.42	19.39	3	21
	256QAM	1	0	17.53	17.40	17.45	5	19
		1	37	17.40	17.33	17.18	5	19
		1	74	17.33	17.36	17.18	5	19
		36	0	17.35	17.28	17.30	5	19
		36	19	17.57	17.47	17.39	5	19
		36	39	17.38	17.35	17.19	5	19
		75	0	17.44	17.34	17.35	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.47	22.49	22.30	0	24
		1	24	22.44	22.32	22.23	0	24
		1	49	22.19	22.17	22.16	0	24
		25	0	21.57	21.38	21.33	1	23
		25	12	21.63	21.48	21.51	1	23
		25	25	21.60	21.40	21.41	1	23
		50	0	21.44	21.45	21.46	1	23
	16QAM	1	0	21.45	21.40	21.33	1	23
		1	24	21.55	21.45	21.46	1	23
		1	49	21.43	21.38	21.30	1	23
		25	0	20.44	20.43	20.38	2	22
		25	12	20.52	20.44	20.39	2	22
		25	25	20.41	20.54	20.37	2	22
		50	0	20.56	20.46	20.54	2	22
	64QAM	1	0	20.48	20.46	20.38	2	22
		1	24	20.45	20.41	20.32	2	22
		1	49	20.34	20.47	20.20	2	22
		25	0	19.40	19.42	19.33	3	21
		25	12	19.65	19.61	19.39	3	21
		25	25	19.47	19.46	19.41	3	21
		50	0	19.54	19.35	19.37	3	21
	256QAM	1	0	17.54	17.39	17.41	5	19
		1	24	17.37	17.37	17.25	5	19
		1	49	17.37	17.39	17.07	5	19
		25	0	17.39	17.29	17.36	5	19
		25	12	17.61	17.35	17.45	5	19
		25	25	17.32	17.46	17.21	5	19
		50	0	17.41	17.37	17.30	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.42	22.50	22.38	0	24
		1	12	22.38	22.38	22.29	0	24
		1	24	22.21	22.31	22.18	0	24
		12	0	21.54	21.45	21.31	1	23
		12	6	21.52	21.44	21.44	1	23
		12	13	21.57	21.40	21.52	1	23
		25	0	21.48	21.36	21.43	1	23
	16QAM	1	0	21.48	21.48	21.36	1	23
		1	12	21.45	21.48	21.47	1	23
		1	24	21.36	21.31	21.24	1	23
		12	0	20.51	20.39	20.40	2	22
		12	6	20.51	20.46	20.36	2	22
		12	13	20.45	20.44	20.33	2	22
		25	0	20.61	20.56	20.54	2	22
	64QAM	1	0	20.44	20.50	20.43	2	22
		1	12	20.37	20.40	20.35	2	22
		1	24	20.44	20.38	20.31	2	22
		12	0	19.44	19.48	19.33	3	21
		12	6	19.54	19.53	19.50	3	21
		12	13	19.48	19.42	19.40	3	21
		25	0	19.65	19.37	19.44	3	21
	256QAM	1	0	17.46	17.34	17.45	5	19
		1	12	17.35	17.37	17.26	5	19
		1	24	17.28	17.47	17.17	5	19
		12	0	17.36	17.27	17.26	5	19
		12	6	17.61	17.33	17.36	5	19
		12	13	17.37	17.34	17.25	5	19
		25	0	17.54	17.30	17.35	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.43	22.42	22.36	0	24
		1	7	22.43	22.33	22.25	0	24
		1	14	22.19	22.22	22.27	0	24
		8	0	21.51	21.47	21.26	1	23
		8	3	21.49	21.46	21.54	1	23
		8	7	21.55	21.42	21.46	1	23
		15	0	21.55	21.39	21.49	1	23
	16QAM	1	0	21.53	21.44	21.36	1	23
		1	7	21.55	21.43	21.46	1	23
		1	14	21.48	21.44	21.17	1	23
		8	0	20.52	20.43	20.38	2	22
		8	3	20.51	20.44	20.43	2	22
		8	7	20.49	20.54	20.34	2	22
		15	0	20.64	20.50	20.44	2	22
	64QAM	1	0	20.48	20.49	20.41	2	22
		1	7	20.48	20.43	20.32	2	22
		1	14	20.41	20.42	20.28	2	22
		8	0	19.39	19.45	19.31	3	21
		8	3	19.58	19.59	19.37	3	21
		8	7	19.43	19.51	19.36	3	21
		15	0	19.54	19.46	19.37	3	21
	256QAM	1	0	17.55	17.39	17.36	5	19
		1	7	17.31	17.36	17.28	5	19
		1	14	17.33	17.36	17.09	5	19
		8	0	17.28	17.27	17.32	5	19
		8	3	17.58	17.35	17.44	5	19
		8	7	17.36	17.41	17.25	5	19
		15	0	17.47	17.28	17.23	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.41	22.46	22.38	0	24
		1	2	22.45	22.43	22.27	0	24
		1	5	22.20	22.28	22.23	0	24
		3	0	22.27	22.14	22.19	0	24
		3	1	22.41	22.27	22.37	0	24
		3	3	22.35	22.24	22.29	0	24
		6	0	21.48	21.34	21.42	1	23
	16QAM	1	0	21.53	21.47	21.44	1	23
		1	2	21.47	21.41	21.40	1	23
		1	5	21.38	21.34	21.18	1	23
		3	0	21.42	21.51	21.42	1	23
		3	1	21.49	21.45	21.45	1	23
		3	3	21.47	21.51	21.34	1	23
		6	0	20.55	20.44	20.48	2	22
	64QAM	1	0	20.49	20.53	20.37	2	22
		1	2	20.43	20.34	20.32	2	22
		1	5	20.44	20.43	20.25	2	22
		3	0	20.49	20.42	20.32	2	22
		3	1	20.53	20.49	20.44	2	22
		3	3	20.49	20.40	20.38	2	22
		6	0	19.66	19.37	19.42	3	21
	256QAM	1	0	17.48	17.31	17.39	5	19
		1	2	17.30	17.35	17.24	5	19
		1	5	17.38	17.47	17.21	5	19
		3	0	17.40	17.27	17.26	5	19
		3	1	17.54	17.33	17.44	5	19
		3	3	17.40	17.34	17.26	5	19
		6	0	17.47	17.35	17.35	5	19

LTE Band 4 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	**20.46**	20.41	20.36	0	22
		1	50	20.30	20.33	20.34	0	22
		1	99	20.24	20.40	20.34	0	22
		50	0	19.41	19.24	19.34	1	21
		50	25	19.46	19.33	19.38	1	21
		50	50	19.42	19.46	19.44	1	21
		100	0	19.39	19.51	19.50	1	21
	16QAM	1	0	19.66	19.51	19.65	1	21
		1	50	19.54	19.34	19.40	1	21
		1	99	19.50	19.39	19.49	1	21
		50	0	18.41	18.49	18.34	2	20
		50	25	18.43	18.56	18.53	2	20
		50	50	18.43	18.37	18.44	2	20
		100	0	18.36	18.47	18.50	2	20
	64QAM	1	0	18.50	18.56	18.48	2	20
		1	50	18.41	18.37	18.53	2	20
		1	99	18.60	18.41	18.52	2	20
		50	0	17.51	17.36	17.44	3	19
		50	25	17.50	17.46	17.38	3	19
		50	50	17.39	17.35	17.45	3	19
		100	0	17.44	17.45	17.43	3	19
	256QAM	1	0	15.57	15.57	15.50	5	17
		1	50	15.40	15.39	15.40	5	17
		1	99	15.58	15.33	15.46	5	17
		50	0	15.31	15.34	15.49	5	17
		50	25	15.38	15.31	15.25	5	17
		50	50	15.34	15.18	15.30	5	17
		100	0	15.51	15.47	15.30	5	17
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	20.31	20.30	20.26	0	22
		1	37	20.22	20.22	20.30	0	22
		1	74	20.13	20.28	20.23	0	22
		36	0	19.28	19.16	19.25	1	21
		36	19	19.31	19.30	19.36	1	21
		36	39	19.34	19.41	19.31	1	21
		75	0	19.30	19.48	19.42	1	21
	16QAM	1	0	19.65	19.44	19.54	1	21
		1	37	19.49	19.21	19.27	1	21
		1	74	19.35	19.30	19.34	1	21
		36	0	18.26	18.48	18.28	2	20
		36	19	18.28	18.41	18.42	2	20
		36	39	18.28	18.34	18.31	2	20
		75	0	18.35	18.45	18.37	2	20
	64QAM	1	0	18.48	18.51	18.37	2	20
		1	37	18.39	18.36	18.42	2	20
		1	74	18.50	18.29	18.50	2	20
		36	0	17.49	17.24	17.34	3	19
		36	19	17.48	17.34	17.30	3	19
		36	39	17.35	17.30	17.32	3	19
		75	0	17.30	17.43	17.35	3	19
	256QAM	1	0	15.45	15.48	15.44	5	17
		1	37	15.26	15.28	15.29	5	17
		1	74	15.49	15.31	15.43	5	17
		36	0	15.19	15.28	15.42	5	17
		36	19	15.25	15.28	15.18	5	17
		36	39	15.30	15.07	15.23	5	17
		75	0	15.47	15.46	15.16	5	17
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	20.33	20.28	20.29	0	22
		1	24	20.26	20.26	20.23	0	22
		1	49	20.13	20.35	20.21	0	22
		25	0	19.31	19.21	19.22	1	21
		25	12	19.32	19.29	19.25	1	21
		25	25	19.39	19.40	19.42	1	21
		50	0	19.30	19.43	19.35	1	21
	16QAM	1	0	19.63	19.42	19.64	1	21
		1	24	19.52	19.23	19.30	1	21
		1	49	19.46	19.35	19.41	1	21
		25	0	18.38	18.34	18.23	2	20
		25	12	18.31	18.49	18.46	2	20
		25	25	18.38	18.36	18.35	2	20
		50	0	18.26	18.40	18.35	2	20
	64QAM	1	0	18.43	18.44	18.47	2	20
		1	24	18.28	18.36	18.47	2	20
		1	49	18.48	18.28	18.44	2	20
		25	0	17.41	17.27	17.42	3	19
		25	12	17.44	17.36	17.30	3	19
		25	25	17.29	17.21	17.44	3	19
		50	0	17.29	17.40	17.32	3	19
	256QAM	1	0	15.53	15.42	15.43	5	17
		1	24	15.36	15.36	15.31	5	17
		1	49	15.47	15.29	15.41	5	17
		25	0	15.23	15.23	15.40	5	17
		25	12	15.26	15.16	15.24	5	17
		25	25	15.21	15.14	15.25	5	17
		50	0	15.44	15.39	15.23	5	17
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	20.45	20.40	20.34	0	22
		1	12	20.15	20.25	20.32	0	22
		1	24	20.11	20.29	20.29	0	22
		12	0	19.40	19.21	19.27	1	21
		12	6	19.39	19.19	19.33	1	21
		12	13	19.38	19.40	19.30	1	21
		25	0	19.25	19.44	19.36	1	21
	16QAM	1	0	19.60	19.42	19.60	1	21
		1	12	19.49	19.25	19.37	1	21
		1	24	19.47	19.37	19.46	1	21
		12	0	18.30	18.40	18.30	2	20
		12	6	18.37	18.44	18.48	2	20
		12	13	18.31	18.35	18.40	2	20
		25	0	18.25	18.32	18.48	2	20
	64QAM	1	0	18.46	18.45	18.43	2	20
		1	12	18.31	18.25	18.38	2	20
		1	24	18.46	18.38	18.50	2	20
		12	0	17.46	17.30	17.43	3	19
		12	6	17.48	17.32	17.27	3	19
		12	13	17.28	17.30	17.43	3	19
		25	0	17.37	17.31	17.36	3	19
	256QAM	1	0	15.55	15.46	15.46	5	17
		1	12	15.26	15.31	15.32	5	17
		1	24	15.57	15.23	15.42	5	17
		12	0	15.17	15.21	15.46	5	17
		12	6	15.36	15.19	15.23	5	17
		12	13	15.24	15.08	15.23	5	17
		25	0	15.48	15.40	15.15	5	17
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	20.41	20.37	20.24	0	22
		1	7	20.17	20.24	20.26	0	22
		1	14	20.09	20.30	20.24	0	22
		8	0	19.33	19.11	19.31	1	21
		8	3	19.45	19.32	19.25	1	21
		8	7	19.40	19.31	19.36	1	21
		15	0	19.32	19.39	19.39	1	21
	16QAM	1	0	19.59	19.45	19.56	1	21
		1	7	19.39	19.32	19.38	1	21
		1	14	19.41	19.34	19.45	1	21
		8	0	18.32	18.34	18.26	2	20
		8	3	18.38	18.46	18.41	2	20
		8	7	18.34	18.32	18.35	2	20
		15	0	18.23	18.34	18.40	2	20
	64QAM	1	0	18.41	18.42	18.33	2	20
		1	7	18.39	18.33	18.44	2	20
		1	14	18.52	18.39	18.49	2	20
		8	0	17.36	17.21	17.40	3	19
		8	3	17.35	17.34	17.34	3	19
		8	7	17.30	17.28	17.43	3	19
		15	0	17.37	17.40	17.34	3	19
	256QAM	1	0	15.47	15.46	15.40	5	17
		1	7	15.31	15.29	15.25	5	17
		1	14	15.44	15.24	15.38	5	17
		8	0	15.21	15.19	15.46	5	17
		8	3	15.33	15.21	15.11	5	17
		8	7	15.23	15.15	15.19	5	17
		15	0	15.42	15.33	15.29	5	17
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	20.44	20.26	20.30	0	22
		1	2	20.24	20.19	20.23	0	22
		1	5	20.11	20.29	20.31	0	22
		3	0	20.17	20.00	20.07	0	22
		3	1	20.20	19.99	20.12	0	22
		3	3	20.18	20.12	20.21	0	22
		6	0	19.29	19.36	19.39	1	21
	16QAM	1	0	19.63	19.39	19.53	1	21
		1	2	19.45	19.30	19.36	1	21
		1	5	19.35	19.31	19.34	1	21
		3	0	19.40	19.43	19.19	1	21
		3	1	19.31	19.49	19.40	1	21
		3	3	19.42	19.26	19.43	1	21
		6	0	18.24	18.36	18.41	2	20
	64QAM	1	0	18.37	18.51	18.43	2	20
		1	2	18.28	18.35	18.43	2	20
		1	5	18.55	18.26	18.37	2	20
		3	0	18.40	18.28	18.32	2	20
		3	1	18.45	18.42	18.33	2	20
		3	3	18.30	18.34	18.34	2	20
		6	0	17.41	17.35	17.41	3	19
	256QAM	1	0	15.44	15.52	15.39	5	17
		1	2	15.31	15.32	15.26	5	17
		1	5	15.55	15.25	15.39	5	17
		3	0	15.28	15.28	15.34	5	17
		3	1	15.32	15.28	15.12	5	17
		3	3	15.24	15.12	15.28	5	17
		6	0	15.38	15.37	15.18	5	17

LTE Band 5 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	22.49	22.55	**22.66**	0	24
		1	24	22.58	22.45	22.49	0	24
		1	49	22.46	22.48	22.58	0	24
		25	0	21.57	21.49	21.57	1	23
		25	12	21.54	21.61	21.62	1	23
		25	25	21.65	21.53	21.61	1	23
		50	0	21.65	21.63	21.58	1	23
	16QAM	1	0	21.79	21.73	21.77	1	23
		1	24	21.70	21.61	21.67	1	23
		1	49	21.67	21.66	21.67	1	23
		25	0	20.52	20.53	20.59	2	22
		25	12	20.68	20.53	20.65	2	22
		25	25	20.70	20.67	20.73	2	22
		50	0	20.63	20.56	20.60	2	22
	64QAM	1	0	20.63	20.66	20.76	2	22
		1	24	20.67	20.73	20.76	2	22
		1	49	20.61	20.60	20.56	2	22
		25	0	19.58	19.59	19.69	3	21
		25	12	19.61	19.59	19.60	3	21
		25	25	19.57	19.60	19.62	3	21
		50	0	19.48	19.48	19.58	3	21
	256QAM	1	0	17.61	17.62	17.71	5	19
		1	24	17.57	17.65	17.64	5	19
		1	49	17.49	17.52	17.42	5	19
		25	0	17.50	17.57	17.62	5	19
		25	12	17.46	17.49	17.55	5	19
		25	25	17.51	17.48	17.59	5	19
		50	0	17.41	17.42	17.45	5	19
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	22.35	22.51	22.61	0	24
		1	12	22.55	22.31	22.48	0	24
		1	24	22.32	22.39	22.47	0	24
		12	0	21.56	21.48	21.46	1	23
		12	6	21.43	21.55	21.51	1	23
		12	13	21.51	21.52	21.48	1	23
		25	0	21.55	21.50	21.57	1	23
	16QAM	1	0	21.76	21.58	21.73	1	23
		1	12	21.60	21.50	21.58	1	23
		1	24	21.66	21.56	21.63	1	23
		12	0	20.46	20.44	20.56	2	22
		12	6	20.65	20.42	20.60	2	22
		12	13	20.60	20.59	20.63	2	22
		25	0	20.52	20.49	20.59	2	22
	64QAM	1	0	20.56	20.57	20.68	2	22
		1	12	20.53	20.69	20.70	2	22
		1	24	20.59	20.46	20.52	2	22
		12	0	19.51	19.57	19.64	3	21
		12	6	19.52	19.48	19.50	3	21
		12	13	19.48	19.58	19.49	3	21
		25	0	19.38	19.38	19.45	3	21
	256QAM	1	0	17.58	17.51	17.57	5	19
		1	12	17.48	17.61	17.51	5	19
		1	24	17.42	17.42	17.29	5	19
		12	0	17.45	17.48	17.57	5	19
		12	6	17.32	17.39	17.42	5	19
		12	13	17.42	17.42	17.47	5	19
		25	0	17.35	17.34	17.41	5	19
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	22.40	22.51	22.60	0	24
		1	7	22.44	22.36	22.38	0	24
		1	14	22.35	22.44	22.44	0	24
		8	0	21.42	21.46	21.42	1	23
		8	3	21.42	21.58	21.54	1	23
		8	7	21.57	21.46	21.54	1	23
		15	0	21.63	21.55	21.57	1	23
	16QAM	1	0	21.71	21.72	21.67	1	23
		1	7	21.58	21.50	21.55	1	23
		1	14	21.62	21.58	21.59	1	23
		8	0	20.50	20.50	20.53	2	22
		8	3	20.60	20.47	20.56	2	22
		8	7	20.58	20.66	20.70	2	22
		15	0	20.50	20.42	20.58	2	22
	64QAM	1	0	20.57	20.55	20.66	2	22
		1	7	20.61	20.59	20.72	2	22
		1	14	20.54	20.48	20.55	2	22
		8	0	19.45	19.54	19.60	3	21
		8	3	19.50	19.50	19.58	3	21
		8	7	19.50	19.47	19.49	3	21
		15	0	19.33	19.33	19.44	3	21
	256QAM	1	0	17.58	17.54	17.57	5	19
		1	7	17.46	17.53	17.61	5	19
		1	14	17.34	17.44	17.41	5	19
		8	0	17.45	17.51	17.48	5	19
		8	3	17.38	17.36	17.52	5	19
		8	7	17.42	17.46	17.50	5	19
		15	0	17.39	17.35	17.39	5	19
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	22.37	22.45	22.64	0	24
		1	2	22.48	22.36	22.46	0	24
		1	5	22.43	22.46	22.49	0	24
		3	0	22.34	22.24	22.35	0	24
		3	1	22.19	22.26	22.37	0	24
		3	3	22.32	22.23	22.40	0	24
		6	0	21.61	21.60	21.51	1	23
	16QAM	1	0	21.78	21.68	21.76	1	23
		1	2	21.62	21.47	21.63	1	23
		1	5	21.64	21.65	21.53	1	23
		3	0	21.45	21.46	21.46	1	23
		3	1	21.62	21.43	21.61	1	23
		3	3	21.63	21.55	21.60	1	23
		6	0	20.57	20.43	20.58	2	22
	64QAM	1	0	20.55	20.51	20.71	2	22
		1	2	20.54	20.60	20.67	2	22
		1	5	20.58	20.46	20.44	2	22
		3	0	20.47	20.52	20.65	2	22
		3	1	20.46	20.50	20.49	2	22
		3	3	20.43	20.54	20.47	2	22
		6	0	19.34	19.45	19.56	3	21
	256QAM	1	0	17.57	17.49	17.63	5	19
		1	2	17.49	17.55	17.54	5	19
		1	5	17.34	17.42	17.37	5	19
		3	0	17.46	17.53	17.48	5	19
		3	1	17.31	17.47	17.47	5	19
		3	3	17.40	17.37	17.45	5	19
		6	0	17.40	17.38	17.30	5	19

LTE Band 7 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	19.73	19.98	19.87	0	21.5
		1	50	19.86	19.98	19.94	0	21.5
		1	99	19.95	20.00	**20.12**	0	21.5
		50	0	18.82	18.90	18.95	1	20.5
		50	25	18.91	18.97	19.00	1	20.5
		50	50	18.97	19.07	19.16	1	20.5
		100	0	18.79	18.97	19.04	1	20.5
	16QAM	1	0	19.13	19.20	19.17	1	20.5
		1	50	19.22	19.20	19.20	1	20.5
		1	99	19.16	19.28	19.29	1	20.5
		50	0	17.95	17.90	17.93	2	19.5
		50	25	17.91	18.01	18.02	2	19.5
		50	50	18.06	18.24	18.10	2	19.5
		100	0	17.94	17.96	18.03	2	19.5
	64QAM	1	0	17.91	17.94	17.97	2	19.5
		1	50	18.03	18.07	18.17	2	19.5
		1	99	18.03	18.17	18.08	2	19.5
		50	0	16.96	16.99	16.97	3	18.5
		50	25	16.99	17.12	16.96	3	18.5
		50	50	17.01	17.07	17.12	3	18.5
		100	0	16.92	17.02	17.04	3	18.5
	256QAM	1	0	14.80	14.75	15.01	5	16.5
		1	50	14.82	15.10	15.00	5	16.5
		1	99	14.78	14.93	15.06	5	16.5
		50	0	14.56	14.72	14.85	5	16.5
		50	25	15.04	14.85	14.89	5	16.5
		50	50	14.85	14.87	14.94	5	16.5
		100	0	14.85	14.86	14.85	5	16.5
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	19.65	19.87	19.84	0	21.5
		1	37	19.82	19.96	19.93	0	21.5
		1	74	19.90	19.89	20.04	0	21.5
		36	0	18.74	18.87	18.89	1	20.5
		36	19	18.84	18.91	18.88	1	20.5
		36	39	18.88	18.92	19.07	1	20.5
		75	0	18.64	18.88	18.99	1	20.5
	16QAM	1	0	19.06	19.13	19.04	1	20.5
		1	37	19.20	19.16	19.09	1	20.5
		1	74	19.06	19.14	19.18	1	20.5
		36	0	17.84	17.85	17.81	2	19.5
		36	19	17.83	17.87	18.01	2	19.5
		36	39	18.04	18.09	18.08	2	19.5
		75	0	17.85	17.84	17.95	2	19.5
	64QAM	1	0	17.79	17.91	17.86	2	19.5
		1	37	17.93	18.03	18.03	2	19.5
		1	74	17.95	18.03	17.97	2	19.5
		36	0	16.89	16.91	16.93	3	18.5
		36	19	16.87	17.09	16.83	3	18.5
		36	39	16.90	17.00	16.98	3	18.5
		75	0	16.77	16.91	16.94	3	18.5
	256QAM	1	0	14.66	14.60	14.88	5	16.5
		1	37	14.71	15.04	14.89	5	16.5
		1	74	14.75	14.90	15.03	5	16.5
		36	0	14.42	14.60	14.77	5	16.5
		36	19	14.96	14.78	14.88	5	16.5
		36	39	14.74	14.73	14.89	5	16.5
		75	0	14.76	14.72	14.77	5	16.5
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	19.63	19.93	19.74	0	21.5
		1	24	19.77	19.85	19.89	0	21.5
		1	49	19.90	19.97	20.02	0	21.5
		25	0	18.77	18.88	18.86	1	20.5
		25	12	18.88	18.82	18.99	1	20.5
		25	25	18.83	19.03	19.13	1	20.5
		50	0	18.70	18.95	18.91	1	20.5
	16QAM	1	0	18.99	19.11	19.09	1	20.5
		1	24	19.07	19.17	19.05	1	20.5
		1	49	19.09	19.24	19.15	1	20.5
		25	0	17.81	17.88	17.90	2	19.5
		25	12	17.90	17.97	17.95	2	19.5
		25	25	17.93	18.17	18.03	2	19.5
		50	0	17.85	17.83	17.91	2	19.5
	64QAM	1	0	17.76	17.82	17.86	2	19.5
		1	24	17.91	18.06	18.14	2	19.5
		1	49	17.93	18.09	18.00	2	19.5
		25	0	16.83	16.97	16.86	3	18.5
		25	12	16.90	17.02	16.91	3	18.5
		25	25	16.88	16.96	17.11	3	18.5
		50	0	16.78	16.89	16.91	3	18.5
	256QAM	1	0	14.69	14.66	14.97	5	16.5
		1	24	14.76	15.04	14.89	5	16.5
		1	49	14.64	14.89	14.92	5	16.5
		25	0	14.41	14.71	14.76	5	16.5
		25	12	14.95	14.83	14.82	5	16.5
		25	25	14.75	14.81	14.79	5	16.5
		50	0	14.84	14.74	14.83	5	16.5
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	19.62	19.92	19.75	0	21.5
		1	12	19.85	19.95	19.91	0	21.5
		1	24	19.84	19.92	20.03	0	21.5
		12	0	18.74	18.85	18.81	1	20.5
		12	6	18.88	18.94	18.95	1	20.5
		12	13	18.94	18.92	19.07	1	20.5
		25	0	18.72	18.95	19.00	1	20.5
	16QAM	1	0	19.09	19.05	19.05	1	20.5
		1	12	19.18	19.07	19.18	1	20.5
		1	24	19.01	19.24	19.16	1	20.5
		12	0	17.86	17.87	17.88	2	19.5
		12	6	17.89	17.86	17.95	2	19.5
		12	13	17.91	18.23	18.01	2	19.5
		25	0	17.88	17.92	17.90	2	19.5
	64QAM	1	0	17.77	17.81	17.88	2	19.5
		1	12	17.93	18.01	18.12	2	19.5
		1	24	17.99	18.02	17.94	2	19.5
		12	0	16.91	16.96	16.92	3	18.5
		12	6	16.86	16.99	16.90	3	18.5
		12	13	16.97	16.94	17.02	3	18.5
		25	0	16.77	16.97	16.94	3	18.5
	256QAM	1	0	14.67	14.61	14.90	5	16.5
		1	12	14.79	15.04	14.94	5	16.5
		1	24	14.75	14.83	14.96	5	16.5
		12	0	14.43	14.64	14.72	5	16.5
		12	6	14.98	14.81	14.75	5	16.5
		12	13	14.83	14.80	14.86	5	16.5
		25	0	14.79	14.84	14.72	5	16.5

LTE Band 12 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23060	23095	23130		
		Frequency (MHz)		704	707.5	711		
10M	QPSK	1	0	22.32	22.23	22.28	0	24
		1	24	22.39	22.36	22.34	0	24
		1	49	**22.42**	22.38	22.34	0	24
		25	0	21.39	21.24	21.31	1	23
		25	12	21.36	21.39	21.31	1	23
		25	25	21.40	21.40	21.35	1	23
		50	0	21.39	21.32	21.36	1	23
	16QAM	1	0	21.53	21.43	21.47	1	23
		1	24	21.53	21.49	21.52	1	23
		1	49	21.54	21.52	21.56	1	23
		25	0	20.36	20.27	20.35	2	22
		25	12	20.47	20.38	20.49	2	22
		25	25	20.47	20.44	20.41	2	22
		50	0	20.44	20.34	20.39	2	22
	64QAM	1	0	20.51	20.37	20.39	2	22
		1	24	20.48	20.48	20.48	2	22
		1	49	20.52	20.56	20.49	2	22
		25	0	19.27	19.39	19.37	3	21
		25	12	19.51	19.33	19.44	3	21
		25	25	19.48	19.37	19.51	3	21
		50	0	19.35	19.42	19.32	3	21
	256QAM	1	0	17.47	17.25	17.38	5	19
		1	24	17.42	17.42	17.35	5	19
		1	49	17.38	17.45	17.38	5	19
		25	0	17.17	17.23	17.36	5	19
		25	12	17.44	17.31	17.40	5	19
		25	25	17.34	17.23	17.37	5	19
		50	0	17.23	17.32	17.24	5	19

BW	Modulation	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
5M	QPSK	1	0	22.30	22.16	22.16	0	24
		1	12	22.28	22.25	22.19	0	24
		1	24	22.39	22.15	22.29	0	24
		12	0	21.33	21.15	21.27	1	23
		12	6	21.25	21.28	21.26	1	23
		12	13	21.29	21.36	21.28	1	23
		25	0	21.24	21.25	21.26	1	23
	16QAM	1	0	21.48	21.28	21.43	1	23
		1	12	21.51	21.38	21.45	1	23
		1	24	21.53	21.37	21.41	1	23
		12	0	20.33	20.22	20.30	2	22
		12	6	20.32	20.34	20.30	2	22
		12	13	20.41	20.43	20.38	2	22
		25	0	20.38	20.29	20.36	2	22
	64QAM	1	0	20.38	20.28	20.34	2	22
		1	12	20.42	20.34	20.36	2	22
		1	24	20.51	20.48	20.42	2	22
		12	0	19.23	19.26	19.23	3	21
		12	6	19.39	19.24	19.33	3	21
		12	13	19.43	19.37	19.47	3	21
		25	0	19.21	19.27	19.21	3	21
	256QAM	1	0	17.42	17.11	17.27	5	19
		1	12	17.32	17.33	17.36	5	19
		1	24	17.17	17.32	17.33	5	19
		12	0	17.05	17.08	17.34	5	19
		12	6	17.42	17.20	17.32	5	19
		12	13	17.31	17.09	17.34	5	19
		25	0	17.13	17.22	17.13	5	19

BW	Modulation	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		700.5	707.5	714.5		
3M	QPSK	1	0	22.24	22.20	22.18	0	24
		1	7	22.25	22.18	22.19	0	24
		1	14	22.27	22.21	22.19	0	24
		8	0	21.21	21.23	21.24	1	23
		8	3	21.35	21.28	21.22	1	23
		8	7	21.37	21.31	21.32	1	23
		15	0	21.30	21.30	21.35	1	23
	16QAM	1	0	21.49	21.37	21.33	1	23
		1	7	21.48	21.48	21.45	1	23
		1	14	21.50	21.46	21.48	1	23
		8	0	20.37	20.18	20.30	2	22
		8	3	20.43	20.34	20.44	2	22
		8	7	20.44	20.41	20.26	2	22
		15	0	20.28	20.31	20.27	2	22
	64QAM	1	0	20.44	20.27	20.28	2	22
		1	7	20.41	20.43	20.41	2	22
		1	14	20.37	20.41	20.37	2	22
		8	0	19.17	19.21	19.28	3	21
		8	3	19.43	19.18	19.34	3	21
		8	7	19.34	19.28	19.47	3	21
		15	0	19.33	19.32	19.31	3	21
	256QAM	1	0	17.46	17.34	17.18	5	19
		1	7	17.39	17.31	17.34	5	19
		1	14	17.30	17.40	17.26	5	19
		8	0	17.08	17.12	17.26	5	19
		8	3	17.35	17.30	17.39	5	19
		8	7	17.18	17.11	17.36	5	19
		15	0	17.21	17.23	17.21	5	19

BW	Modulation	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		699.7	707.5	715.3		
1.4M	QPSK	1	0	22.33	22.08	22.27	0	24
		1	2	22.33	22.11	22.20	0	24
		1	5	22.33	22.18	22.26	0	24
		3	0	21.96	21.97	22.03	0	24
		3	1	22.07	22.11	22.04	0	24
		3	3	22.09	22.18	22.02	0	24
		6	0	21.26	21.22	21.32	1	23
	16QAM	1	0	21.46	21.29	21.45	1	23
		1	2	21.41	21.40	21.38	1	23
		1	5	21.40	21.40	21.52	1	23
		3	0	21.39	21.19	21.29	1	23
		3	1	21.43	21.37	21.46	1	23
		3	3	21.43	21.43	21.46	1	23
		6	0	20.37	20.33	20.26	2	22
	64QAM	1	0	20.50	20.34	20.34	2	22
		1	2	20.43	20.42	20.33	2	22
		1	5	20.51	20.43	20.35	2	22
		3	0	20.12	20.34	20.23	2	22
		3	1	20.50	20.26	20.36	2	22
		3	3	20.45	20.32	20.49	2	22
		6	0	19.23	19.39	19.31	3	21
	256QAM	1	0	17.37	17.12	17.26	5	19
		1	2	17.32	17.30	17.28	5	19
		1	5	17.25	17.36	17.28	5	19
		3	0	17.07	17.14	17.34	5	19
		3	1	17.31	17.18	17.27	5	19
		3	3	17.24	17.08	17.26	5	19
		6	0	17.14	17.30	17.21	5	19

LTE Band 13 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23230		
		Frequency (MHz)		782		
10M	QPSK	1	0	22.54	0	24
		1	24	**22.57**	0	24
		1	49	22.49	0	24
		25	0	21.57	1	23
		25	12	21.59	1	23
		25	25	21.58	1	23
		50	0	21.56	1	22
	16QAM	1	0	21.71	1	23
		1	24	21.73	1	23
		1	49	21.65	1	23
		25	0	20.56	2	22
		25	12	20.60	2	22
		25	25	20.62	2	22
		50	0	20.59	2	22
	64QAM	1	0	20.74	2	22
		1	24	20.80	2	22
		1	49	20.83	2	22
		25	0	19.58	3	21
		25	12	19.56	3	21
		25	25	19.61	3	21
		50	0	19.58	3	21
	256QAM	1	0	17.66	5	19
		1	24	17.65	5	19
		1	49	17.56	5	19
		25	0	17.55	5	19
		25	12	17.41	5	19
		25	25	17.60	5	19
		50	0	17.52	5	19

BW	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		779.5	782	784.5		
5M	QPSK	1	0	22.46	22.48	22.52	0	24
		1	12	22.47	22.46	22.45	0	24
		1	24	22.37	22.47	22.40	0	24
		12	0	21.43	21.53	21.50	1	23
		12	6	21.52	21.42	21.52	1	23
		12	13	21.54	21.47	21.56	1	23
		25	0	21.50	21.43	21.45	1	23
	16QAM	1	0	21.70	21.63	21.67	1	23
		1	12	21.66	21.58	21.67	1	23
		1	24	21.52	21.63	21.53	1	23
		12	0	20.43	20.46	20.55	2	22
		12	6	20.57	20.46	20.56	2	22
		12	13	20.57	20.58	20.56	2	22
		25	0	20.54	20.59	20.52	2	22
	64QAM	1	0	20.71	20.61	20.68	2	22
		1	12	20.78	20.72	20.79	2	22
		1	24	20.56	20.53	20.66	2	22
		12	0	19.50	19.49	19.56	3	21
		12	6	19.51	19.45	19.55	3	21
		12	13	19.50	19.48	19.54	3	21
		25	0	19.45	19.48	19.44	3	21
	256QAM	1	0	17.57	17.65	17.64	5	19
		1	12	17.53	17.57	17.61	5	19
		1	24	17.51	17.41	17.42	5	19
		12	0	17.41	17.52	17.52	5	19
		12	6	17.39	17.30	17.37	5	19
		12	13	17.51	17.45	17.58	5	19
		25	0	17.43	17.43	17.47	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	**22.71**	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19

BW	Modulation	Channel		23303	23330	23355	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5	793	795.5		
5M	QPSK	1	0	22.54	22.65	22.61	0	24
		1	12	22.68	22.68	22.57	0	24
		1	24	22.46	22.50	22.50	0	24
		12	0	21.57	21.58	21.59	1	23
		12	6	21.55	21.56	21.50	1	23
		12	13	21.51	21.53	21.64	1	23
		25	0	21.49	21.54	21.56	1	23
	16QAM	1	0	21.61	21.67	21.69	1	23
		1	12	21.64	21.77	21.73	1	23
		1	24	21.54	21.62	21.58	1	23
		12	0	20.60	20.54	20.60	2	22
		12	6	20.53	20.56	20.60	2	22
		12	13	20.59	20.52	20.65	2	22
		25	0	20.64	20.61	20.55	2	22
	64QAM	1	0	20.79	20.74	20.76	2	22
		1	12	20.78	20.85	20.74	2	22
		1	24	20.75	20.65	20.75	2	22
		12	0	19.59	19.53	19.63	3	21
		12	6	19.57	19.55	19.62	3	21
		12	13	19.57	19.59	19.67	3	21
		25	0	19.47	19.60	19.60	3	21
	256QAM	1	0	17.77	17.64	17.64	5	19
		1	12	17.71	17.71	17.75	5	19
		1	24	17.63	17.63	17.66	5	19
		12	0	17.48	17.47	17.52	5	19
		12	6	17.55	17.52	17.48	5	19
		12	13	17.47	17.60	17.50	5	19
		25	0	17.45	17.44	17.38	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23790	23790	23830		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	**22.60**	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.65	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.46	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.56	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.36	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.39	5	19

BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.48	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.48	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.30	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1860	1880	1905		
20M	QPSK	1	0	22.47	**22.56**	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.45	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.49	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19
BW	Modulation	Channel		26115	26340	26615	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19
BW	Modulation	Channel		26090	26340	26640	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19
BW	Modulation	Channel		26065	26340	26665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19
BW	Modulation	Channel		26055	26340	26675	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19
BW	Modulation	Channel		26047	26340	26683	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1914.3		
1.4M	QPSK	1	0	22.39	22.51	22.18	0	24
		1	2	22.43	22.51	22.27	0	24
		1	5	22.15	22.31	22.15	0	24
		3	0	22.30	22.41	22.27	0	24
		3	1	22.37	22.41	22.31	0	24
		3	3	22.21	22.23	22.18	0	24
		6	0	21.45	21.53	21.40	1	23
	16QAM	1	0	21.57	21.63	21.43	1	23
		1	2	21.42	21.55	21.36	1	23
		1	5	21.43	21.45	21.31	1	23
		3	0	21.50	21.49	21.25	1	23
		3	1	21.44	21.46	21.29	1	23
		3	3	21.44	21.43	21.39	1	23
		6	0	20.53	20.44	20.39	2	22
	64QAM	1	0	20.56	20.63	20.49	2	22
		1	2	20.31	20.41	20.29	2	22
		1	5	20.27	20.32	20.31	2	22
		3	0	20.49	20.48	20.28	2	22
		3	1	20.48	20.48	20.42	2	22
		3	3	20.48	20.49	20.30	2	22
		6	0	19.43	19.45	19.41	3	21
	256QAM	1	0	17.54	17.48	17.43	5	19
		1	2	17.33	17.21	17.27	5	19
		1	5	17.18	17.30	17.25	5	19
		3	0	17.44	17.33	17.14	5	19
		3	1	17.38	17.50	17.23	5	19
		3	3	17.34	17.42	17.35	5	19
		6	0	17.37	17.47	17.22	5	19

LTE Band 26 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15M	QPSK	1	0	**22.21**	22.08	22.09	0	24
		1	37	22.16	22.08	22.07	0	24
		1	74	22.07	22.05	22.05	0	24
		36	0	21.13	21.13	21.18	1	23
		36	19	21.19	21.15	21.18	1	23
		36	39	21.28	21.26	21.22	1	23
		75	0	21.20	21.14	21.25	1	23
	16QAM	1	0	21.36	21.34	21.29	1	23
		1	37	21.32	21.23	21.18	1	23
		1	74	21.18	21.23	21.18	1	23
		36	0	20.25	20.19	20.17	2	22
		36	19	20.21	20.21	20.15	2	22
		36	39	20.24	20.25	20.28	2	22
		75	0	20.25	20.25	20.26	2	22
	64QAM	1	0	20.27	20.29	20.28	2	22
		1	37	20.38	20.24	20.37	2	22
		1	74	20.30	20.28	20.28	2	22
		36	0	19.16	19.24	19.17	3	21
		36	19	19.21	19.12	19.18	3	21
		36	39	19.22	19.26	19.26	3	21
		75	0	19.32	19.26	19.29	3	21
	256QAM	1	0	17.25	17.16	17.14	5	19
		1	37	17.26	17.14	17.33	5	19
		1	74	17.28	17.15	17.18	5	19
		36	0	17.01	17.21	17.06	5	19
		36	19	17.10	17.06	17.17	5	19
		36	39	17.07	17.12	17.23	5	19
		75	0	17.20	17.12	17.19	5	19
BW	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10M	QPSK	1	0	22.14	22.00	22.05	0	24
		1	24	22.05	22.02	21.96	0	24
		1	49	21.95	21.93	22.04	0	24
		25	0	21.04	21.05	21.03	1	23
		25	12	21.09	21.00	21.14	1	23
		25	25	21.17	21.20	21.17	1	23
		50	0	21.19	21.06	21.14	1	23
	16QAM	1	0	21.29	21.29	21.19	1	23
		1	24	21.25	21.20	21.14	1	23
		1	49	21.15	21.18	21.16	1	23
		25	0	20.18	20.09	20.03	2	22
		25	12	20.09	20.08	20.07	2	22
		25	25	20.14	20.23	20.17	2	22
		50	0	20.22	20.22	20.12	2	22
	64QAM	1	0	20.13	20.28	20.25	2	22
		1	24	20.26	20.15	20.27	2	22
		1	49	20.28	20.19	20.14	2	22
		25	0	19.03	19.20	19.11	3	21
		25	12	19.14	19.02	19.05	3	21
		25	25	19.11	19.11	19.22	3	21
		50	0	19.24	19.25	19.17	3	21
	256QAM	1	0	17.10	17.09	17.05	5	19
		1	24	17.12	17.04	17.21	5	19
		1	49	17.23	17.06	17.16	5	19
		25	0	16.98	17.20	16.97	5	19
		25	12	17.02	16.97	17.02	5	19
		25	25	17.05	17.11	17.18	5	19
		50	0	17.11	16.98	17.06	5	19
BW	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5M	QPSK	1	0	22.16	21.94	21.97	0	24
		1	12	22.03	21.94	21.96	0	24
		1	24	21.97	21.96	21.91	0	24
		12	0	21.10	21.01	21.12	1	23
		12	6	21.06	21.10	21.17	1	23
		12	13	21.03	21.13	21.14	1	23
		25	0	21.12	21.10	21.20	1	23
	16QAM	1	0	21.28	21.27	21.14	1	23
		1	12	21.25	21.18	21.04	1	23
		1	24	21.09	21.11	21.15	1	23
		12	0	20.10	20.08	20.07	2	22
		12	6	20.15	20.09	20.14	2	22
		12	13	20.15	20.14	20.24	2	22
		25	0	20.19	20.12	20.18	2	22
	64QAM	1	0	20.18	20.16	20.17	2	22
		1	12	20.27	20.09	20.26	2	22
		1	24	20.27	20.26	20.21	2	22
		12	0	19.11	19.21	19.04	3	21
		12	6	19.14	19.03	19.14	3	21
		12	13	19.08	19.21	19.11	3	21
		25	0	19.24	19.13	19.27	3	21
	256QAM	1	0	17.13	17.07	17.12	5	19
		1	12	17.22	17.03	17.20	5	19
		1	24	17.21	17.01	17.14	5	19
		12	0	16.99	17.16	17.01	5	19
		12	6	16.97	17.04	17.05	5	19
		12	13	17.02	17.00	17.09	5	19
		25	0	17.10	17.01	17.12	5	19
BW	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3M	QPSK	1	0	22.20	22.07	22.05	0	24
		1	7	22.14	22.02	22.06	0	24
		1	14	22.00	21.97	22.04	0	24
		8	0	20.99	21.06	21.16	1	23
		8	3	21.05	21.13	21.09	1	23
		8	7	21.16	21.14	21.26	1	23
		15	0	21.12	21.05	21.18	1	23
	16QAM	1	0	21.23	21.25	21.14	1	23
		1	7	21.29	21.11	21.08	1	23
		1	14	21.17	21.22	21.13	1	23
		8	0	20.16	20.07	20.11	2	22
		8	3	20.17	20.06	20.08	2	22
		8	7	20.12	20.24	20.18	2	22
		15	0	20.12	20.18	20.25	2	22
	64QAM	1	0	20.16	20.27	20.19	2	22
		1	7	20.28	20.20	20.28	2	22
		1	14	20.29	20.16	20.14	2	22
		8	0	19.06	19.16	19.02	3	21
		8	3	19.13	19.02	19.14	3	21
		8	7	19.18	19.16	19.15	3	21
		15	0	19.28	19.12	19.17	3	21
	256QAM	1	0	17.16	17.04	17.12	5	19
		1	7	17.22	17.03	17.22	5	19
		1	14	17.23	17.00	17.09	5	19
		8	0	16.88	17.09	17.00	5	19
		8	3	16.96	16.96	17.13	5	19
		8	7	16.96	16.99	17.20	5	19
		15	0	17.11	16.98	17.04	5	19
BW	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4M	QPSK	1	0	22.16	22.00	21.98	0	24
		1	2	22.12	22.00	22.01	0	24
		1	5	22.02	21.95	21.91	0	24
		3	0	21.91	21.83	21.85	0	24
		3	1	21.84	21.87	21.90	0	24
		3	3	21.88	21.94	22.00	0	24
		6	0	21.13	21.05	21.21	1	23
	16QAM	1	0	21.28	21.28	21.23	1	23
		1	2	21.24	21.11	21.05	1	23
		1	5	21.04	21.13	21.09	1	23
		3	0	21.16	21.10	21.04	1	23
		3	1	21.13	21.08	21.14	1	23
		3	3	21.17	21.21	21.22	1	23
		6	0	20.17	20.22	20.22	2	22
	64QAM	1	0	20.19	20.26	20.20	2	22
		1	2	20.32	20.22	20.25	2	22
		1	5	20.26	20.13	20.21	2	22
		3	0	20.08	20.23	20.06	2	22
		3	1	20.09	20.11	20.14	2	22
		3	3	20.10	20.16	20.20	2	22
		6	0	19.29	19.12	19.22	3	21
	256QAM	1	0	17.17	17.05	17.11	5	19
		1	2	17.11	16.99	17.28	5	19
		1	5	17.27	17.01	17.08	5	19
		3	0	16.96	17.06	17.03	5	19
		3	1	17.08	16.98	17.04	5	19
		3	3	17.02	17.08	17.11	5	19
		6	0	17.08	16.97	17.14	5	19

LTE Band 30 (Ant10)

BW	Modulation	RB Size	RB Offset		Mid		3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.08		0	24
		1	24		**23.16**		0	24
		1	49		23.09		0	24
		25	0		22.11		1	23
		25	12		22.13		1	23
		25	25		22.12		1	23
		50	0		22.11		1	23
	16QAM	1	0		22.27		1	23
		1	24		22.36		1	23
		1	49		22.24		1	23
		25	0		21.15		2	22
		25	12		21.20		2	22
		25	25		21.13		2	22
		50	0		21.13		2	22
	64QAM	1	0		21.21		2	22
		1	24		21.31		2	22
		1	49		21.25		2	22
		25	0		20.14		3	21
		25	12		20.19		3	21
		25	25		20.14		3	21
		50	0		20.12		3	21
	256QAM	1	0		18.20		5	19
		1	24		18.29		5	19
		1	49		18.22		5	19
		25	0		18.10		5	19
		25	12		18.14		5	19
		25	25		18.02		5	19
		50	0		18.08		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	23.01	22.99	23.03	0	24
		1	12	23.02	23.15	23.08	0	24
		1	24	22.99	23.07	22.97	0	24
		12	0	22.10	22.06	22.00	1	23
		12	6	22.03	22.07	21.99	1	23
		12	13	22.07	21.99	22.00	1	23
		25	0	22.01	22.00	22.09	1	23
	16QAM	1	0	22.23	22.19	22.21	1	23
		1	12	22.35	22.23	22.29	1	23
		1	24	22.09	22.18	22.10	1	23
		12	0	21.01	21.12	21.08	2	22
		12	6	21.16	21.12	21.16	2	22
		12	13	21.03	21.10	20.99	2	22
		25	0	21.08	21.11	21.05	2	22
	64QAM	1	0	21.12	21.10	21.07	2	22
		1	12	21.21	21.21	21.26	2	22
		1	24	21.18	21.16	21.13	2	22
		12	0	20.08	20.01	20.11	3	21
		12	6	20.09	20.12	20.14	3	21
		12	13	20.13	19.99	20.07	3	21
		25	0	20.08	20.11	20.01	3	21
	256QAM	1	0	18.16	18.16	18.13	5	19
		1	12	18.20	18.27	18.19	5	19
		1	24	18.17	18.15	18.18	5	19
		12	0	18.08	18.09	17.97	5	19
		12	6	18.09	18.08	18.01	5	19
		12	13	17.92	17.99	18.01	5	19
		25	0	17.94	18.02	17.94	5	19

LTE Band 38 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20M	QPSK	1	0	22.49	22.59	22.72	0	24
		1	50	22.62	22.64	**22.79**	0	24
		1	99	22.54	22.61	22.65	0	24
		50	0	21.53	21.60	21.70	1	23
		50	25	21.62	21.65	21.76	1	23
		50	50	21.69	21.67	21.80	1	23
		100	0	21.70	21.77	21.79	1	23
	16QAM	1	0	21.57	21.56	21.63	1	23
		1	50	21.59	21.64	21.70	1	23
		1	99	21.56	21.70	21.73	1	23
		50	0	20.54	20.66	20.63	2	22
		50	25	20.68	20.69	20.72	2	22
		50	50	20.64	20.72	20.74	2	22
		100	0	20.61	20.72	20.70	2	22
	64QAM	1	0	20.58	20.62	20.62	2	22
		1	50	20.63	20.73	20.77	2	22
		1	99	20.61	20.68	20.74	2	22
		50	0	19.57	19.59	19.69	3	21
		50	25	19.67	19.71	19.77	3	21
		50	50	19.71	19.79	19.79	3	21
		100	0	19.65	19.80	19.83	3	21
	256QAM	1	0	17.55	17.60	17.65	5	19
		1	50	17.68	17.70	17.77	5	19
		1	99	17.55	17.50	17.48	5	19
		50	0	17.46	17.61	17.68	5	19
		50	25	17.59	17.65	17.81	5	19
		50	50	17.67	17.81	17.90	5	19
		100	0	17.57	17.80	17.70	5	19
BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	22.35	22.44	22.58	0	24
		1	37	22.58	22.61	22.77	0	24
		1	74	22.48	22.51	22.57	0	24
		36	0	21.39	21.49	21.69	1	23
		36	19	21.50	21.59	21.72	1	23
		36	39	21.62	21.59	21.70	1	23
		75	0	21.56	21.74	21.76	1	23
	16QAM	1	0	21.51	21.49	21.52	1	23
		1	37	21.51	21.50	21.68	1	23
		1	74	21.44	21.68	21.65	1	23
		36	0	20.48	20.63	20.48	2	22
		36	19	20.65	20.56	20.71	2	22
		36	39	20.53	20.63	20.65	2	22
		75	0	20.56	20.60	20.62	2	22
	64QAM	1	0	20.46	20.49	20.52	2	22
		1	37	20.56	20.64	20.66	2	22
		1	74	20.48	20.58	20.65	2	22
		36	0	19.45	19.46	19.54	3	21
		36	19	19.52	19.70	19.72	3	21
		36	39	19.65	19.69	19.76	3	21
		75	0	19.58	19.67	19.72	3	21
	256QAM	1	0	17.54	17.58	17.56	5	19
		1	37	17.56	17.64	17.68	5	19
		1	74	17.52	17.41	17.41	5	19
		36	0	17.42	17.46	17.55	5	19
		36	19	17.50	17.63	17.76	5	19
		36	39	17.60	17.72	17.85	5	19
		75	0	17.54	17.75	17.55	5	19
BW	Modulation	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615		
10M	QPSK	1	0	22.44	22.51	22.66	0	24
		1	24	22.50	22.50	22.64	0	24
		1	49	22.48	22.49	22.60	0	24
		25	0	21.43	21.58	21.67	1	23
		25	12	21.57	21.55	21.69	1	23
		25	25	21.66	21.52	21.65	1	23
		50	0	21.55	21.64	21.75	1	23
	16QAM	1	0	21.53	21.49	21.56	1	23
		1	24	21.52	21.55	21.59	1	23
		1	49	21.53	21.65	21.59	1	23
		25	0	20.53	20.61	20.59	2	22
		25	12	20.60	20.63	20.71	2	22
		25	25	20.54	20.62	20.72	2	22
		50	0	20.47	20.67	20.59	2	22
	64QAM	1	0	20.45	20.54	20.59	2	22
		1	24	20.54	20.63	20.64	2	22
		1	49	20.49	20.63	20.71	2	22
		25	0	19.45	19.54	19.67	3	21
		25	12	19.64	19.59	19.70	3	21
		25	25	19.65	19.70	19.64	3	21
		50	0	19.59	19.70	19.74	3	21
	256QAM	1	0	17.42	17.47	17.61	5	19
		1	24	17.67	17.61	17.66	5	19
		1	49	17.48	17.37	17.35	5	19
		25	0	17.36	17.57	17.55	5	19
		25	12	17.44	17.52	17.70	5	19
		25	25	17.65	17.74	17.80	5	19
		50	0	17.54	17.69	17.63	5	19
BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	22.46	22.52	22.66	0	24
		1	12	22.47	22.50	22.68	0	24
		1	24	22.43	22.53	22.63	0	24
		12	0	21.38	21.52	21.64	1	23
		12	6	21.48	21.57	21.66	1	23
		12	13	21.65	21.52	21.69	1	23
		25	0	21.62	21.65	21.78	1	23
	16QAM	1	0	21.51	21.42	21.52	1	23
		1	12	21.44	21.59	21.61	1	23
		1	24	21.45	21.55	21.60	1	23
		12	0	20.46	20.65	20.54	2	22
		12	6	20.59	20.66	20.63	2	22
		12	13	20.50	20.60	20.71	2	22
		25	0	20.57	20.64	20.64	2	22
	64QAM	1	0	20.54	20.60	20.48	2	22
		1	12	20.58	20.67	20.75	2	22
		1	24	20.58	20.66	20.72	2	22
		12	0	19.45	19.44	19.61	3	21
		12	6	19.53	19.65	19.67	3	21
		12	13	19.63	19.70	19.65	3	21
		25	0	19.51	19.78	19.82	3	21
	256QAM	1	0	17.41	17.54	17.61	5	19
		1	12	17.60	17.69	17.67	5	19
		1	24	17.49	17.38	17.39	5	19
		12	0	17.45	17.48	17.66	5	19
		12	6	17.49	17.61	17.77	5	19
		12	13	17.59	17.75	17.76	5	19
		25	0	17.54	17.73	17.63	5	19

LTE Band 41 (2496 ~ 2690MHz) (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.06	23.06	23.26	23.23	**23.30**	0	24
		1	50	23.02	22.88	23.05	23.12	23.12	0	24
		1	99	23.06	22.95	23.22	23.24	23.29	0	24
		50	0	22.06	21.97	22.19	22.23	22.24	1	23
		50	25	21.99	21.91	22.10	22.22	22.15	1	23
		50	50	22.01	21.89	22.15	22.09	22.21	1	23
		100	0	22.01	21.97	22.10	22.22	22.26	1	23
	16QAM	1	0	22.12	22.02	22.22	22.18	22.26	1	23
		1	50	22.07	21.98	22.25	22.18	22.28	1	23
		1	99	22.11	22.03	22.24	22.22	22.31	1	23
		50	0	20.99	21.03	21.21	21.11	21.24	2	22
		50	25	21.10	21.00	21.20	21.22	21.28	2	22
		50	50	21.00	20.98	21.11	21.11	21.20	2	22
		100	0	21.13	20.98	21.19	21.27	21.29	2	22
	64QAM	1	0	20.94	20.82	21.06	21.04	21.15	2	22
		1	50	20.97	20.86	21.04	21.06	21.18	2	22
		1	99	21.22	21.03	21.30	21.27	21.33	2	22
		50	0	20.06	19.94	20.11	20.16	20.13	3	21
		50	25	20.14	20.06	20.29	20.20	20.20	3	21
		50	50	20.00	19.90	20.17	20.17	20.24	3	21
		100	0	20.14	20.01	20.19	20.17	20.23	3	21
	256QAM	1	0	17.94	17.82	18.06	18.04	18.15	5	19
		1	50	17.97	17.86	18.04	18.06	18.18	5	19
		1	99	18.22	18.03	18.30	18.27	18.33	5	19
		50	0	18.06	17.94	18.11	18.16	18.13	5	19
		50	25	18.14	18.06	18.29	18.20	18.20	5	19
		50	50	18.00	17.90	18.17	18.17	18.24	5	19
		100	0	18.14	18.01	18.19	18.17	18.23	5	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	22.90	22.93	23.13	23.11	23.18	0	24
		1	37	22.93	22.75	22.92	23.04	23.08	0	24
		1	74	22.96	22.82	23.13	23.19	23.26	0	24
		36	0	22.03	21.93	22.04	22.15	22.09	1	23
		36	19	21.91	21.82	22.06	22.20	22.05	1	23
		36	39	21.96	21.88	22.04	22.02	22.08	1	23
		75	0	21.87	21.94	22.06	22.12	22.16	1	23
	16QAM	1	0	22.00	21.98	22.12	22.05	22.20	1	23
		1	37	22.06	21.88	22.11	22.15	22.22	1	23
		1	74	22.09	22.01	22.19	22.09	22.25	1	23
		36	0	20.95	20.93	21.11	21.00	21.14	2	22
		36	19	20.96	20.99	21.05	21.17	21.25	2	22
		36	39	20.88	20.87	21.01	21.04	21.11	2	22
		75	0	21.07	20.96	21.06	21.12	21.19	2	22
	64QAM	1	0	20.80	20.81	21.04	21.01	21.01	2	22
		1	37	20.87	20.73	20.93	20.98	21.08	2	22
		1	74	21.13	20.92	21.29	21.19	21.21	2	22
		36	0	19.91	19.86	19.98	20.07	20.06	3	21
		36	19	20.06	19.91	20.14	20.12	20.09	3	21
		36	39	19.96	19.81	20.05	20.02	20.12	3	21
		75	0	20.07	19.95	20.17	20.05	20.10	3	21
	256QAM	1	0	17.84	17.72	17.91	17.89	18.14	5	19
		1	37	17.89	17.83	17.93	17.92	18.14	5	19
		1	74	18.16	18.01	18.16	18.24	18.22	5	19
		36	0	18.05	17.83	18.00	18.14	17.98	5	19
		36	19	18.10	17.93	18.22	18.17	18.10	5	19
		36	39	17.88	17.75	18.06	18.15	18.13	5	19
		75	0	18.05	17.96	18.17	18.14	18.12	5	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	22.91	22.98	23.11	23.11	23.18	0	24
		1	24	23.00	22.78	22.98	23.11	23.03	0	24
		1	49	23.05	22.91	23.17	23.17	23.16	0	24
		25	0	21.99	21.88	21.96	22.13	22.14	1	23
		25	12	21.96	21.83	22.12	22.21	22.01	1	23
		25	25	21.91	21.85	22.09	21.97	22.13	1	23
		50	0	21.94	21.83	22.09	22.18	22.25	1	23
	16QAM	1	0	22.00	22.00	22.13	22.13	22.25	1	23
		1	24	21.92	21.95	22.14	22.10	22.13	1	23
		1	49	21.96	21.90	22.18	22.07	22.28	1	23
		25	0	20.88	20.98	21.10	21.01	21.19	2	22
		25	12	20.99	20.98	21.14	21.10	21.18	2	22
		25	25	20.95	20.85	21.02	20.98	21.10	2	22
		50	0	21.10	20.83	21.10	21.25	21.21	2	22
	64QAM	1	0	20.93	20.77	20.99	20.99	21.02	2	22
		1	24	20.82	20.82	21.01	21.05	21.11	2	22
		1	49	21.13	20.94	21.24	21.16	21.19	2	22
		25	0	20.01	19.86	19.99	20.01	20.05	3	21
		25	12	20.08	19.94	20.14	20.07	20.18	3	21
		25	25	19.91	19.78	20.15	20.02	20.16	3	21
		50	0	20.10	19.94	20.08	20.07	20.18	3	21
	256QAM	1	0	17.91	17.81	17.95	18.03	18.13	5	19
		1	24	17.94	17.82	18.01	18.03	18.15	5	19
		1	49	18.17	18.02	18.22	18.18	18.30	5	19
		25	0	18.04	17.83	17.97	18.04	17.98	5	19
		25	12	18.09	18.05	18.27	18.14	18.19	5	19
		25	25	17.89	17.79	18.08	18.08	18.19	5	19
		50	0	18.00	17.94	18.07	18.10	18.20	5	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	22.90	22.96	23.18	23.18	23.27	0	24
		1	12	22.92	22.81	23.01	23.08	23.04	0	24
		1	24	22.94	22.85	23.15	23.18	23.18	0	24
		12	0	22.04	21.90	22.08	22.14	22.10	1	23
		12	6	21.89	21.80	22.14	22.08	22.14	1	23
		12	13	22.00	21.81	22.07	21.97	22.12	1	23
		25	0	21.87	21.94	22.06	22.21	22.12	1	23
	16QAM	1	0	22.11	21.87	22.14	22.06	22.24	1	23
		1	12	21.94	21.92	22.18	22.14	22.25	1	23
		1	24	21.96	21.97	22.15	22.11	22.22	1	23
		12	0	20.87	21.02	21.19	20.99	21.19	2	22
		12	6	21.04	20.88	21.05	21.14	21.22	2	22
		12	13	20.92	20.85	21.03	21.04	21.09	2	22
		25	0	21.10	20.97	21.06	21.16	21.24	2	22
	64QAM	1	0	20.83	20.73	21.00	20.89	21.09	2	22
		1	12	20.91	20.72	20.96	21.05	21.13	2	22
		1	24	21.12	20.95	21.17	21.16	21.24	2	22
		12	0	20.02	19.81	20.00	20.09	20.04	3	21
		12	6	20.08	20.03	20.14	20.07	20.11	3	21
		12	13	19.94	19.77	20.09	20.09	20.23	3	21
		25	0	20.12	19.86	20.14	20.10	20.19	3	21
	256QAM	1	0	17.92	17.69	18.03	17.94	18.02	5	19
		1	12	17.90	17.74	17.97	17.91	18.03	5	19
		1	24	18.16	17.98	18.16	18.16	18.30	5	19
		12	0	18.05	17.91	18.09	18.02	18.07	5	19
		12	6	18.01	17.91	18.17	18.10	18.09	5	19
		12	13	17.91	17.78	18.05	18.12	18.17	5	19
		25	0	17.99	17.91	18.17	18.04	18.15	5	19

LTE Band 42 Part27Q (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		42190	42590	42990		
		Frequence (MHz)		3460	3500	3540		
20M	QPSK	1	0	15.95	**16.19**	16.16	0	17
		1	50	15.84	16.09	15.99	0	17
		1	99	15.70	15.90	15.98	0	17
		50	0	15.01	15.18	15.02	1	16
		50	25	14.75	15.15	15.05	1	16
		50	50	14.80	15.16	14.95	1	16
		100	0	14.72	15.08	14.95	1	16
	16QAM	1	0	14.84	15.00	14.99	1	16
		1	50	14.85	15.07	14.95	1	16
		1	99	14.63	14.84	14.86	1	16
		50	0	13.92	14.12	13.95	2	15
		50	25	13.74	14.13	13.98	2	15
		50	50	13.79	14.16	14.02	2	15
		100	0	13.88	14.16	13.86	2	15
	64QAM	1	0	14.01	14.13	14.04	2	15
		1	50	13.89	14.24	14.04	2	15
		1	99	13.77	14.01	13.78	2	15
		50	0	12.90	13.12	12.98	3	14
		50	25	12.82	13.04	13.06	3	14
		50	50	12.84	13.04	12.90	3	14
		100	0	12.87	13.04	13.09	3	14
	256QAM	1	0	10.84	11.12	10.91	5	12
		1	50	10.99	11.08	10.91	5	12
		1	99	10.71	10.86	10.58	5	12
		50	0	10.83	11.01	10.87	5	12
		50	25	10.65	10.88	10.95	5	12
		50	50	10.84	11.06	10.82	5	12
		100	0	10.83	11.01	10.89	5	12
BW	MCS Index	Channel		42165	42590	43015	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5		
15M	QPSK	1	0	15.88	16.14	16.06	0	17
		1	37	15.78	16.06	15.91	0	17
		1	74	15.68	15.85	15.96	0	17
		36	0	14.88	15.03	15.01	1	16
		36	19	14.74	15.07	14.98	1	16
		36	39	14.69	15.08	14.86	1	16
		75	0	14.60	15.03	14.88	1	16
	16QAM	1	0	14.73	14.98	14.89	1	16
		1	37	14.82	15.00	14.85	1	16
		1	74	14.49	14.83	14.81	1	16
		36	0	13.77	14.00	13.90	2	15
		36	19	13.71	13.99	13.83	2	15
		36	39	13.65	14.13	13.89	2	15
		75	0	13.85	14.14	13.76	2	15
	64QAM	1	0	13.89	14.00	13.97	2	15
		1	37	13.85	14.13	14.02	2	15
		1	74	13.68	13.96	13.67	2	15
		36	0	12.77	12.98	12.96	3	14
		36	19	12.72	12.95	13.01	3	14
		36	39	12.82	12.96	12.75	3	14
		75	0	12.72	12.99	13.07	3	14
	256QAM	1	0	10.78	11.03	10.87	5	12
		1	37	10.90	11.05	10.83	5	12
		1	74	10.62	10.73	10.52	5	12
		36	0	10.80	10.97	10.76	5	12
		36	19	10.64	10.81	10.81	5	12
		36	39	10.76	10.98	10.80	5	12
		75	0	10.75	10.97	10.83	5	12
BW	MCS Index	Channel		42140	42590	43040	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3455	3500	3545		
10M	QPSK	1	0	15.84	16.09	16.12	0	17
		1	24	15.74	16.06	15.94	0	17
		1	49	15.56	15.83	15.85	0	17
		25	0	14.94	15.07	15.00	1	16
		25	12	14.60	15.14	15.01	1	16
		25	25	14.77	15.12	14.89	1	16
		50	0	14.60	15.07	14.82	1	16
	16QAM	1	0	14.73	14.93	14.96	1	16
		1	24	14.78	14.93	14.91	1	16
		1	49	14.61	14.80	14.79	1	16
		25	0	13.82	14.07	13.92	2	15
		25	12	13.59	14.01	13.93	2	15
		25	25	13.77	14.15	13.89	2	15
		50	0	13.85	14.03	13.77	2	15
	64QAM	1	0	14.00	14.00	13.89	2	15
		1	24	13.83	14.20	13.93	2	15
		1	49	13.63	14.00	13.65	2	15
		25	0	12.88	12.97	12.92	3	14
		25	12	12.78	12.90	13.04	3	14
		25	25	12.73	12.91	12.88	3	14
		50	0	12.81	12.97	12.98	3	14
	256QAM	1	0	10.78	11.09	10.80	5	12
		1	24	10.96	11.07	10.80	5	12
		1	49	10.67	10.83	10.52	5	12
		25	0	10.75	10.95	10.85	5	12
		25	12	10.59	10.78	10.90	5	12
		25	25	10.83	11.05	10.69	5	12
		50	0	10.69	10.95	10.79	5	12
BW	MCS Index	Channel		42115	42590	43065	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5		
5M	QPSK	1	0	15.91	16.08	16.08	0	17
		1	12	15.78	15.98	15.89	0	17
		1	24	15.69	15.89	15.95	0	17
		12	0	14.95	15.06	14.94	1	16
		12	6	14.71	15.05	14.90	1	16
		12	13	14.76	15.07	14.81	1	16
		25	0	14.71	15.02	14.93	1	16
	16QAM	1	0	14.79	14.90	14.92	1	16
		1	12	14.77	14.95	14.83	1	16
		1	24	14.48	14.74	14.84	1	16
		12	0	13.90	14.08	13.92	2	15
		12	6	13.65	14.09	13.84	2	15
		12	13	13.70	14.09	13.95	2	15
		25	0	13.83	14.14	13.85	2	15
	64QAM	1	0	13.91	14.01	13.98	2	15
		1	12	13.79	14.23	14.03	2	15
		1	24	13.73	13.87	13.67	2	15
		12	0	12.86	12.99	12.93	3	14
		12	6	12.73	13.00	13.03	3	14
		12	13	12.82	12.98	12.89	3	14
		25	0	12.74	12.89	13.07	3	14
	256QAM	1	0	10.77	11.03	10.86	5	12
		1	12	10.89	10.95	10.80	5	12
		1	24	10.59	10.84	10.46	5	12
		12	0	10.69	10.97	10.86	5	12
		12	6	10.63	10.82	10.82	5	12
		12	13	10.77	10.96	10.76	5	12
		25	0	10.79	10.88	10.76	5	12

LTE Band 43 for FCC (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequence (MHz)		3610	3650	3690		
20M	QPSK	1	0	**16.66**	16.45	16.42	0	17.5
		1	50	16.49	16.43	16.34	0	17.5
		1	99	16.38	16.35	16.27	0	17.5
		50	0	15.62	15.57	15.55	1	16.5
		50	25	15.56	15.57	15.59	1	16.5
		50	50	15.49	15.42	15.42	1	16.5
		100	0	15.59	15.46	15.50	1	16.5
	16QAM	1	0	15.57	15.58	15.58	1	16.5
		1	50	15.51	15.49	15.41	1	16.5
		1	99	15.36	15.40	15.29	1	16.5
		50	0	14.52	14.66	14.54	2	15.5
		50	25	14.51	14.59	14.45	2	15.5
		50	50	14.45	14.46	14.38	2	15.5
		100	0	14.46	14.35	14.42	2	15.5
	64QAM	1	0	14.55	14.53	14.51	2	15.5
		1	50	14.47	14.39	14.30	2	15.5
		1	99	14.34	14.28	14.12	2	15.5
		50	0	13.56	13.57	13.52	3	14.5
		50	25	13.51	13.50	13.56	3	14.5
		50	50	13.51	13.51	13.55	3	14.5
		100	0	13.55	13.37	13.57	3	14.5
	256QAM	1	0	11.55	11.50	11.55	5	12.5
		1	50	11.48	11.43	11.21	5	12.5
		1	99	11.36	11.31	11.08	5	12.5
		50	0	11.57	11.52	11.56	5	12.5
		50	25	11.61	11.51	11.49	5	12.5
		50	50	11.46	11.47	11.50	5	12.5
		100	0	11.57	11.46	11.56	5	12.5
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3607.5	3650	3692.5		
15M	QPSK	1	0	16.52	16.44	16.37	0	17.5
		1	37	16.44	16.34	16.25	0	17.5
		1	74	16.33	16.22	16.21	0	17.5
		36	0	15.51	15.56	15.52	1	16.5
		36	19	15.43	15.56	15.52	1	16.5
		36	39	15.36	15.34	15.35	1	16.5
		75	0	15.47	15.33	15.40	1	16.5
	16QAM	1	0	15.52	15.48	15.52	1	16.5
		1	37	15.42	15.45	15.40	1	16.5
		1	74	15.26	15.27	15.15	1	16.5
		36	0	14.48	14.53	14.48	2	15.5
		36	19	14.40	14.54	14.40	2	15.5
		36	39	14.42	14.36	14.37	2	15.5
		75	0	14.45	14.31	14.33	2	15.5
	64QAM	1	0	14.42	14.44	14.46	2	15.5
		1	37	14.39	14.36	14.20	2	15.5
		1	74	14.30	14.16	14.04	2	15.5
		36	0	13.54	13.51	13.38	3	14.5
		36	19	13.49	13.38	13.52	3	14.5
		36	39	13.49	13.39	13.47	3	14.5
		75	0	13.41	13.36	13.55	3	14.5
	256QAM	1	0	11.48	11.40	11.51	5	12.5
		1	37	11.44	11.37	11.12	5	12.5
		1	74	11.25	11.17	10.95	5	12.5
		36	0	11.50	11.43	11.51	5	12.5
		36	19	11.59	11.43	11.38	5	12.5
		36	39	11.31	11.32	11.41	5	12.5
		75	0	11.52	11.43	11.55	5	12.5
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3605	3650	3695		
10M	QPSK	1	0	16.57	16.34	16.36	0	17.5
		1	24	16.47	16.40	16.19	0	17.5
		1	49	16.30	16.21	16.16	0	17.5
		25	0	15.55	15.49	15.41	1	16.5
		25	12	15.52	15.48	15.46	1	16.5
		25	25	15.42	15.29	15.41	1	16.5
		50	0	15.47	15.36	15.46	1	16.5
	16QAM	1	0	15.55	15.54	15.57	1	16.5
		1	24	15.42	15.35	15.38	1	16.5
		1	49	15.30	15.25	15.17	1	16.5
		25	0	14.38	14.59	14.43	2	15.5
		25	12	14.46	14.57	14.40	2	15.5
		25	25	14.37	14.40	14.30	2	15.5
		50	0	14.36	14.32	14.34	2	15.5
	64QAM	1	0	14.52	14.49	14.48	2	15.5
		1	24	14.39	14.33	14.21	2	15.5
		1	49	14.25	14.27	14.10	2	15.5
		25	0	13.53	13.42	13.43	3	14.5
		25	12	13.40	13.49	13.47	3	14.5
		25	25	13.50	13.39	13.44	3	14.5
		50	0	13.50	13.22	13.50	3	14.5
	256QAM	1	0	11.51	11.41	11.43	5	12.5
		1	24	11.37	11.39	11.19	5	12.5
		1	49	11.21	11.19	10.95	5	12.5
		25	0	11.43	11.40	11.41	5	12.5
		25	12	11.55	11.43	11.46	5	12.5
		25	25	11.35	11.46	11.36	5	12.5
		50	0	11.56	11.42	11.50	5	12.5
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3602.5	3650	3697.5		
5M	QPSK	1	0	16.62	16.30	16.34	0	17.5
		1	12	16.38	16.35	16.22	0	17.5
		1	24	16.31	16.31	16.22	0	17.5
		12	0	15.56	15.48	15.40	1	16.5
		12	6	15.47	15.48	15.58	1	16.5
		12	13	15.34	15.27	15.34	1	16.5
		25	0	15.53	15.40	15.42	1	16.5
	16QAM	1	0	15.56	15.49	15.54	1	16.5
		1	12	15.48	15.39	15.27	1	16.5
		1	24	15.33	15.34	15.16	1	16.5
		12	0	14.42	14.65	14.44	2	15.5
		12	6	14.48	14.50	14.33	2	15.5
		12	13	14.32	14.39	14.27	2	15.5
		25	0	14.42	14.20	14.32	2	15.5
	64QAM	1	0	14.45	14.41	14.50	2	15.5
		1	12	14.33	14.29	14.22	2	15.5
		1	24	14.23	14.13	14.05	2	15.5
		12	0	13.47	13.47	13.38	3	14.5
		12	6	13.48	13.39	13.51	3	14.5
		12	13	13.44	13.39	13.52	3	14.5
		25	0	13.42	13.24	13.49	3	14.5
	256QAM	1	0	11.49	11.36	11.40	5	12.5
		1	12	11.40	11.35	11.10	5	12.5
		1	24	11.23	11.23	10.98	5	12.5
		12	0	11.51	11.37	11.46	5	12.5
		12	6	11.53	11.49	11.48	5	12.5
		12	13	11.31	11.39	11.42	5	12.5
		25	0	11.55	11.37	11.47	5	12.5

LTE Band 48 for SAR (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640		
		Frequence (MHz)		3560	3609	3641	3690		
20M	QPSK	1	0	16.39	16.42	16.52	16.58	0	17.5
		1	50	16.44	16.49	16.61	**16.73**	0	17.5
		1	99	16.24	16.43	16.35	16.45	0	17.5
		50	0	15.45	15.50	15.66	15.71	1	16.5
		50	25	15.48	15.55	15.71	15.68	1	16.5
		50	50	15.56	15.47	15.68	15.68	1	16.5
		100	0	15.39	15.46	15.66	15.55	1	16.5
	16QAM	1	0	15.32	15.26	15.34	15.35	1	16.5
		1	50	15.26	15.35	15.39	15.42	1	16.5
		1	99	15.17	15.21	15.33	15.28	1	16.5
		50	0	14.63	14.47	14.76	14.74	2	15.5
		50	25	14.51	14.59	14.66	14.62	2	15.5
		50	50	14.46	14.60	14.62	14.55	2	15.5
		100	0	14.44	14.65	14.66	14.71	2	15.5
	64QAM	1	0	14.18	14.33	14.31	14.41	2	15.5
		1	50	14.43	14.34	14.54	14.51	2	15.5
		1	99	14.16	14.24	14.35	14.34	2	15.5
		50	0	13.43	13.49	13.58	13.75	3	14.5
		50	25	13.58	13.56	13.62	13.68	3	14.5
		50	50	13.32	13.46	13.63	13.59	3	14.5
		100	0	13.31	13.61	13.53	13.64	3	14.5
	256QAM	1	0	11.20	11.44	11.40	11.31	5	12.5
		1	50	11.33	11.26	11.45	11.39	5	12.5
		1	99	11.19	11.25	11.29	11.31	5	12.5
		50	0	11.50	11.55	11.61	11.67	5	12.5
		50	25	11.54	11.55	11.62	11.65	5	12.5
		50	50	11.34	11.49	11.56	11.52	5	12.5
		100	0	11.34	11.61	11.61	11.59	5	12.5
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5		
15M	QPSK	1	0	16.35	16.27	16.38	16.43	0	17.5
		1	37	16.36	16.42	16.53	16.59	0	17.5
		1	74	16.23	16.38	16.28	16.33	0	17.5
		36	0	15.37	15.41	15.59	15.57	1	16.5
		36	19	15.43	15.41	15.64	15.64	1	16.5
		36	39	15.53	15.41	15.57	15.58	1	16.5
		75	0	15.29	15.32	15.52	15.53	1	16.5
	16QAM	1	0	15.31	15.17	15.31	15.34	1	16.5
		1	37	15.13	15.25	15.26	15.29	1	16.5
		1	74	15.14	15.17	15.28	15.14	1	16.5
		36	0	14.59	14.42	14.71	14.66	2	15.5
		36	19	14.40	14.58	14.59	14.60	2	15.5
		36	39	14.42	14.55	14.54	14.50	2	15.5
		75	0	14.36	14.64	14.61	14.69	2	15.5
	64QAM	1	0	14.17	14.24	14.20	14.38	2	15.5
		1	37	14.36	14.28	14.49	14.42	2	15.5
		1	74	14.15	14.22	14.34	14.19	2	15.5
		36	0	13.39	13.42	13.47	13.71	3	14.5
		36	19	13.52	13.51	13.51	13.67	3	14.5
		36	39	13.29	13.40	13.53	13.55	3	14.5
		75	0	13.28	13.46	13.52	13.54	3	14.5
	256QAM	1	0	11.14	11.38	11.32	11.20	5	12.5
		1	37	11.27	11.19	11.42	11.36	5	12.5
		1	74	11.04	11.19	11.14	11.22	5	12.5
		36	0	11.40	11.41	11.53	11.52	5	12.5
		36	19	11.47	11.47	11.50	11.56	5	12.5
		36	39	11.19	11.46	11.51	11.51	5	12.5
		75	0	11.22	11.50	11.52	11.58	5	12.5
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695		
10M	QPSK	1	0	16.38	16.39	16.48	16.47	0	17.5
		1	24	16.39	16.46	16.59	16.70	0	17.5
		1	49	16.19	16.35	16.32	16.37	0	17.5
		25	0	15.37	15.48	15.54	15.62	1	16.5
		25	12	15.41	15.45	15.61	15.53	1	16.5
		25	25	15.47	15.39	15.62	15.65	1	16.5
		50	0	15.29	15.44	15.63	15.40	1	16.5
	16QAM	1	0	15.23	15.14	15.23	15.27	1	16.5
		1	24	15.20	15.24	15.34	15.37	1	16.5
		1	49	15.13	15.14	15.32	15.23	1	16.5
		25	0	14.60	14.32	14.62	14.72	2	15.5
		25	12	14.36	14.56	14.55	14.59	2	15.5
		25	25	14.40	14.50	14.60	14.47	2	15.5
		50	0	14.31	14.52	14.56	14.61	2	15.5
	64QAM	1	0	14.13	14.22	14.26	14.31	2	15.5
		1	24	14.31	14.26	14.53	14.46	2	15.5
		1	49	14.03	14.10	14.21	14.24	2	15.5
		25	0	13.36	13.46	13.54	13.67	3	14.5
		25	12	13.55	13.41	13.61	13.63	3	14.5
		25	25	13.27	13.36	13.62	13.45	3	14.5
		50	0	13.16	13.46	13.44	13.50	3	14.5
	256QAM	1	0	11.17	11.30	11.28	11.26	5	12.5
		1	24	11.20	11.16	11.32	11.35	5	12.5
		1	49	11.10	11.22	11.17	11.28	5	12.5
		25	0	11.43	11.52	11.56	11.59	5	12.5
		25	12	11.53	11.49	11.49	11.61	5	12.5
		25	25	11.23	11.42	11.46	11.48	5	12.5
		50	0	11.32	11.52	11.51	11.48	5	12.5
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5		
5M	QPSK	1	0	16.37	16.34	16.37	16.50	0	17.5
		1	12	16.41	16.48	16.50	16.63	0	17.5
		1	24	16.13	16.40	16.32	16.40	0	17.5
		12	0	15.39	15.46	15.63	15.64	1	16.5
		12	6	15.33	15.51	15.56	15.65	1	16.5
		12	13	15.45	15.39	15.61	15.57	1	16.5
		25	0	15.32	15.38	15.58	15.43	1	16.5
	16QAM	1	0	15.20	15.19	15.19	15.29	1	16.5
		1	12	15.25	15.25	15.24	15.28	1	16.5
		1	24	15.12	15.17	15.26	15.27	1	16.5
		12	0	14.62	14.35	14.71	14.65	2	15.5
		12	6	14.42	14.55	14.52	14.53	2	15.5
		12	13	14.37	14.47	14.51	14.41	2	15.5
		25	0	14.30	14.59	14.65	14.65	2	15.5
	64QAM	1	0	14.12	14.25	14.30	14.30	2	15.5
		1	12	14.35	14.28	14.53	14.47	2	15.5
		1	24	14.08	14.15	14.34	14.23	2	15.5
		12	0	13.41	13.34	13.48	13.63	3	14.5
		12	6	13.53	13.44	13.52	13.67	3	14.5
		12	13	13.19	13.40	13.61	13.44	3	14.5
		25	0	13.28	13.48	13.42	13.61	3	14.5
	256QAM	1	0	11.15	11.29	11.28	11.21	5	12.5
		1	12	11.24	11.24	11.35	11.38	5	12.5
		1	24	11.07	11.12	11.24	11.17	5	12.5
		12	0	11.49	11.50	11.52	11.58	5	12.5
		12	6	11.50	11.51	11.61	11.64	5	12.5
		12	13	11.23	11.39	11.41	11.38	5	12.5
		25	0	11.24	11.55	11.57	11.48	5	12.5

LTE Band 66 (An0)

BW	Modulation	RB Size	RB Offset	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
				Low	Mid	High		
				132072	132322	132572		
				Frequency (MHz)				
				1720	1745	1770		
20M	QPSK	1	0	20.38	**20.51**	20.46	0	22
		1	50	20.39	20.44	20.33	0	22
		1	99	20.35	20.40	20.21	0	22
		50	0	19.36	19.31	19.35	1	21
		50	25	19.40	19.35	19.33	1	21
		50	50	19.30	19.45	19.33	1	21
		100	0	19.38	19.41	19.32	1	21
	16QAM	1	0	19.70	19.69	19.50	1	21
		1	50	19.55	19.55	19.36	1	21
		1	99	19.62	19.65	19.51	1	21
		50	0	18.39	18.43	18.28	2	20
		50	25	18.26	18.32	18.30	2	20
		50	50	18.39	18.46	18.31	2	20
		100	0	18.24	18.46	18.30	2	20
	64QAM	1	0	18.42	18.59	18.46	2	20
		1	50	18.46	18.45	18.59	2	20
		1	99	18.48	18.33	18.30	2	20
		50	0	17.34	17.32	17.36	3	19
		50	25	17.43	17.40	17.32	3	19
		50	50	17.53	17.32	17.45	3	19
		100	0	17.25	17.47	17.32	3	19
	256QAM	1	0	15.46	15.49	15.35	5	17
		1	50	15.44	15.40	15.45	5	17
		1	99	15.41	15.26	15.21	5	17
		50	0	15.40	15.26	15.22	5	17
		50	25	15.39	15.24	15.27	5	17
		50	50	15.40	15.35	15.44	5	17
		100	0	15.31	15.56	15.20	5	17

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		132047	132322	132597		
		Frequency (MHz)				
		1717.5	1745	1772.5		
15M	QPSK	1	0	20.29	20.50	20.31	0	22
		1	37	20.33	20.34	20.29	0	22
		1	74	20.32	20.35	20.17	0	22
		36	0	19.27	19.27	19.26	1	21
		36	19	19.32	19.21	19.27	1	21
		36	39	19.21	19.34	19.30	1	21
		75	0	19.29	19.33	19.22	1	21
	16QAM	1	0	19.68	19.68	19.43	1	21
		1	37	19.49	19.52	19.35	1	21
		1	74	19.49	19.62	19.46	1	21
		36	0	18.30	18.33	18.18	2	20
		36	19	18.21	18.18	18.24	2	20
		36	39	18.25	18.32	18.30	2	20
		75	0	18.21	18.34	18.16	2	20
	64QAM	1	0	18.34	18.56	18.32	2	20
		1	37	18.39	18.36	18.57	2	20
		1	74	18.45	18.24	18.26	2	20
		36	0	17.26	17.28	17.25	3	19
		36	19	17.40	17.28	17.31	3	19
		36	39	17.38	17.18	17.34	3	19
		75	0	17.24	17.43	17.21	3	19
	256QAM	1	0	15.44	15.46	15.30	5	17
		1	37	15.38	15.37	15.40	5	17
		1	74	15.31	15.11	15.14	5	17
		36	0	15.26	15.11	15.16	5	17
		36	19	15.33	15.22	15.17	5	17
		36	39	15.36	15.30	15.32	5	17
		75	0	15.18	15.42	15.11	5	17

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		132022	132322	132622		
		Frequency (MHz)				
		1715	1745	1775		
10M	QPSK	1	0	20.35	20.45	20.38	0	22
		1	24	20.34	20.32	20.30	0	22
		1	49	20.31	20.26	20.08	0	22
		25	0	19.30	19.21	19.31	1	21
		25	12	19.26	19.34	19.31	1	21
		25	25	19.17	19.40	19.21	1	21
		50	0	19.34	19.29	19.28	1	21
	16QAM	1	0	19.65	19.60	19.45	1	21
		1	24	19.51	19.46	19.30	1	21
		1	49	19.55	19.58	19.50	1	21
		25	0	18.33	18.36	18.13	2	20
		25	12	18.25	18.21	18.24	2	20
		25	25	18.30	18.38	18.30	2	20
		50	0	18.22	18.36	18.23	2	20
	64QAM	1	0	18.28	18.46	18.45	2	20
		1	24	18.36	18.43	18.56	2	20
		1	49	18.37	18.18	18.20	2	20
		25	0	17.29	17.28	17.23	3	19
		25	12	17.39	17.27	17.29	3	19
		25	25	17.40	17.20	17.37	3	19
		50	0	17.21	17.41	17.18	3	19
	256QAM	1	0	15.33	15.34	15.23	5	17
		1	24	15.40	15.27	15.30	5	17
		1	49	15.36	15.23	15.08	5	17
		25	0	15.30	15.21	15.20	5	17
		25	12	15.38	15.13	15.19	5	17
		25	25	15.34	15.32	15.42	5	17
		50	0	15.18	15.49	15.19	5	17

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		131997	132322	132647		
		Frequency (MHz)				
		1712.5	1745	1777.5		
5M	QPSK	1	0	20.27	20.41	20.32	0	22
		1	12	20.28	20.41	20.25	0	22
		1	24	20.21	20.36	20.18	0	22
		12	0	19.35	19.27	19.30	1	21
		12	6	19.26	19.24	19.24	1	21
		12	13	19.21	19.35	19.27	1	21
		25	0	19.33	19.30	19.19	1	21
	16QAM	1	0	19.62	19.65	19.40	1	21
		1	12	19.44	19.50	19.25	1	21
		1	24	19.55	19.64	19.42	1	21
		12	0	18.31	18.42	18.15	2	20
		12	6	18.12	18.27	18.15	2	20
		12	13	18.36	18.34	18.23	2	20
		25	0	18.20	18.31	18.26	2	20
	64QAM	1	0	18.35	18.55	18.33	2	20
		1	12	18.40	18.32	18.44	2	20
		1	24	18.34	18.20	18.16	2	20
		12	0	17.32	17.20	17.31	3	19
		12	6	17.34	17.32	17.18	3	19
		12	13	17.38	17.17	17.41	3	19
		25	0	17.33	17.38	17.23	3	19
	256QAM	1	0	15.45	15.43	15.24	5	17
		1	12	15.35	15.39	15.34	5	17
		1	24	15.36	15.18	15.09	5	17
		12	0	15.27	15.19	15.08	5	17
		12	6	15.28	15.20	15.24	5	17
		12	13	15.36	15.29	15.36	5	17
		25	0	15.29	15.43	15.15	5	17

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		131987	132322	132657		
		Frequency (MHz)				
		1711.5	1745	1778.5		
3M	QPSK	1	0	20.30	20.40	20.43	0	22
		1	7	20.29	20.41	20.27	0	22
		1	14	20.21	20.33	20.07	0	22
		8	0	19.30	19.17	19.22	1	21
		8	3	19.30	19.34	19.22	1	21
		8	7	19.15	19.33	19.19	1	21
		15	0	19.23	19.26	19.23	1	21
	16QAM	1	0	19.69	19.64	19.38	1	21
		1	7	19.40	19.44	19.31	1	21
		1	14	19.56	19.50	19.44	1	21
		8	0	18.26	18.41	18.14	2	20
		8	3	18.21	18.30	18.21	2	20
		8	7	18.33	18.36	18.21	2	20
		15	0	18.11	18.31	18.25	2	20
	64QAM	1	0	18.27	18.49	18.37	2	20
		1	7	18.45	18.31	18.49	2	20
		1	14	18.43	18.22	18.19	2	20
		8	0	17.25	17.29	17.29	3	19
		8	3	17.33	17.33	17.25	3	19
		8	7	17.40	17.31	17.37	3	19
		15	0	17.23	17.39	17.24	3	19
	256QAM	1	0	15.44	15.38	15.25	5	17
		1	7	15.42	15.27	15.35	5	17
		1	14	15.33	15.12	15.15	5	17
		8	0	15.39	15.21	15.11	5	17
		8	3	15.26	15.22	15.12	5	17
		8	7	15.33	15.24	15.39	5	17
		15	0	15.21	15.41	15.07	5	17

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		131979	132322	132665		
		Frequency (MHz)				
		1710.7	1745	1779.3		
1.4M	QPSK	1	0	20.30	20.43	20.36	0	22
		1	2	20.27	20.37	20.30	0	22
		1	5	20.21	20.28	20.09	0	22
		3	0	20.13	19.99	20.11	0	22
		3	1	20.11	20.09	20.09	0	22
		3	3	19.97	20.14	20.09	0	22
		6	0	19.30	19.34	19.23	1	21
	16QAM	1	0	19.62	19.65	19.42	1	21
		1	2	19.46	19.54	19.26	1	21
		1	5	19.52	19.52	19.42	1	21
		3	0	19.28	19.29	19.25	1	21
		3	1	19.16	19.22	19.18	1	21
		3	3	19.25	19.38	19.17	1	21
		6	0	18.15	18.39	18.20	2	20
	64QAM	1	0	18.41	18.49	18.43	2	20
		1	2	18.43	18.30	18.50	2	20
		1	5	18.33	18.18	18.21	2	20
		3	0	18.27	18.26	18.30	2	20
		3	1	18.39	18.37	18.25	2	20
		3	3	18.39	18.19	18.36	2	20
		6	0	17.30	17.34	17.25	3	19
	256QAM	1	0	15.33	15.35	15.24	5	17
		1	2	15.37	15.34	15.42	5	17
		1	5	15.30	15.18	15.17	5	17
		3	0	15.37	15.12	15.10	5	17
		3	1	15.36	15.10	15.15	5	17
		3	3	15.30	15.33	15.29	5	17
		6	0	15.25	15.41	15.09	5	17

LTE Band 71 (An0)

BW	Modulation	RB Size	RB Offset	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
				Low	Mid	High		
				133222	133322	133372		
				Frequency (MHz)				
				673	683	688		
20M	QPSK	1	0	**22.37**	22.32	22.21	0	24
		1	50	22.07	22.16	22.00	0	24
		1	99	22.21	22.11	22.07	0	24
		50	0	21.28	21.23	21.21	1	23
		50	25	21.29	21.28	21.24	1	23
		50	50	21.27	21.15	21.21	1	23
		100	0	21.35	21.20	21.25	1	23
	16QAM	1	0	21.61	21.56	21.49	1	23
		1	50	21.55	21.50	21.51	1	23
		1	99	21.57	21.50	21.51	1	23
		50	0	20.51	20.46	20.38	2	22
		50	25	20.32	20.28	20.18	2	22
		50	50	20.32	20.38	20.19	2	22
		100	0	20.34	20.30	20.27	2	22
	64QAM	1	0	20.60	20.47	20.43	2	22
		1	50	20.43	20.44	20.35	2	22
		1	99	20.44	20.43	20.36	2	22
		50	0	19.33	19.43	19.30	3	21
		50	25	19.38	19.44	19.40	3	21
		50	50	19.51	19.39	19.37	3	21
		100	0	19.39	19.39	19.38	3	21
	256QAM	1	0	17.58	17.36	17.28	5	19
		1	50	17.36	17.32	17.30	5	19
		1	99	17.38	17.39	17.35	5	19
		50	0	17.31	17.29	17.22	5	19
		50	25	17.23	17.38	17.30	5	19
		50	50	17.50	17.31	17.31	5	19
		100	0	17.26	17.28	17.27	5	19

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		133197	133257	133387		
		Frequency (MHz)				
		670.5	680.5	693.5		
15M	QPSK	1	0	22.34	22.31	22.08	0	24
		1	37	22.00	22.08	21.86	0	24
		1	74	22.20	21.98	21.93	0	24
		36	0	21.25	21.15	21.15	1	23
		36	19	21.15	21.15	21.10	1	23
		36	39	21.23	21.05	21.13	1	23
		75	0	21.30	21.08	21.17	1	23
	16QAM	1	0	21.57	21.45	21.35	1	23
		1	37	21.48	21.39	21.46	1	23
		1	74	21.53	21.35	21.41	1	23
		36	0	20.36	20.42	20.36	2	22
		36	19	20.29	20.21	20.15	2	22
		36	39	20.20	20.26	20.16	2	22
		75	0	20.22	20.21	20.12	2	22
	64QAM	1	0	20.45	20.33	20.39	2	22
		1	37	20.37	20.32	20.25	2	22
		1	74	20.34	20.38	20.35	2	22
		36	0	19.22	19.38	19.18	3	21
		36	19	19.24	19.35	19.38	3	21
		36	39	19.47	19.26	19.30	3	21
		75	0	19.26	19.34	19.37	3	21
	256QAM	1	0	17.56	17.35	17.15	5	19
		1	37	17.30	17.22	17.35	5	19
		1	74	17.35	17.32	17.24	5	19
		36	0	17.26	17.19	17.13	5	19
		36	19	17.16	17.33	17.22	5	19
		36	39	17.44	17.27	17.27	5	19
		75	0	17.13	17.17	17.18	5	19

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		133172	133272	133422		
		Frequency (MHz)				
		668	678	693		
10M	QPSK	1	0	22.30	22.28	22.17	0	24
		1	24	21.99	22.12	21.97	0	24
		1	49	22.17	21.97	22.00	0	24
		25	0	21.14	21.18	21.13	1	23
		25	12	21.14	21.20	21.16	1	23
		25	25	21.18	21.12	21.09	1	23
		50	0	21.27	21.16	21.11	1	23
	16QAM	1	0	21.47	21.53	21.34	1	23
		1	24	21.53	21.40	21.43	1	23
		1	49	21.46	21.37	21.50	1	23
		25	0	20.47	20.43	20.31	2	22
		25	12	20.18	20.21	20.10	2	22
		25	25	20.26	20.31	20.11	2	22
		50	0	20.22	20.26	20.13	2	22
	64QAM	1	0	20.56	20.39	20.36	2	22
		1	24	20.36	20.30	20.25	2	22
		1	49	20.40	20.42	20.24	2	22
		25	0	19.29	19.39	19.28	3	21
		25	12	19.30	19.39	19.29	3	21
		25	25	19.44	19.35	19.23	3	21
		50	0	19.35	19.36	19.34	3	21
	256QAM	1	0	17.52	17.30	17.13	5	19
		1	24	17.31	17.30	17.19	5	19
		1	49	17.31	17.26	17.22	5	19
		25	0	17.24	17.22	17.21	5	19
		25	12	17.22	17.35	17.19	5	19
		25	25	17.45	17.27	17.20	5	19
		50	0	17.16	17.27	17.22	5	19

BW	Modulation	Channel			3GPP MPR (dB)	Max. Tune-up (dBm)
		133147	133247	133447		
		Frequency (MHz)				
		665.5	675.5	695.5		
5M	QPSK	1	0	22.30	22.18	22.16	0	24
		1	12	21.99	22.02	21.96	0	24
		1	24	22.07	22.02	21.99	0	24
		12	0	21.22	21.27	21.06	1	23
		12	6	21.17	21.10	21.16	1	23
		12	13	21.21	21.08	21.16	1	23
		25	0	21.20	21.12	21.19	1	23
	16QAM	1	0	21.48	21.55	21.43	1	23
		1	12	21.47	21.38	21.39	1	23
		1	24	21.51	21.41	21.43	1	23
		12	0	20.37	20.45	20.26	2	22
		12	6	20.18	20.18	20.04	2	22
		12	13	20.17	20.31	20.15	2	22
		25	0	20.24	20.27	20.21	2	22
	64QAM	1	0	20.51	20.42	20.33	2	22
		1	12	20.38	20.30	20.26	2	22
		1	24	20.42	20.39	20.25	2	22
		12	0	19.28	19.37	19.20	3	21
		12	6	19.27	19.32	19.26	3	21
		12	13	19.44	19.28	19.32	3	21
		25	0	19.28	19.26	19.26	3	21
	256QAM	1	0	17.53	17.29	17.23	5	19
		1	12	17.35	17.25	17.29	5	19
		1	24	17.36	17.38	17.25	5	19
		12	0	17.21	17.21	17.14	5	19
		12	6	17.18	17.37	17.21	5	19
		12	13	17.45	17.28	17.17	5	19
		25	0	17.16	17.25	17.16	5	19

LTE Band 2 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.44**	22.34	22.32	0	24
		1	50	22.32	22.32	22.19	0	24
		1	99	22.24	22.19	22.10	0	24
		50	0	21.32	21.33	21.20	1	23
		50	25	21.42	21.37	21.35	1	23
		50	50	21.35	21.36	21.23	1	23
		100	0	21.40	21.35	21.34	1	23
	16QAM	1	0	21.45	21.38	21.34	1	23
		1	50	21.52	21.42	21.39	1	23
		1	99	21.40	21.36	21.26	1	23
		50	0	20.24	20.32	20.20	2	22
		50	25	20.37	20.41	20.34	2	22
		50	50	20.35	20.45	20.32	2	22
		100	0	20.42	20.30	20.26	2	22
	64QAM	1	0	20.39	20.31	20.27	2	22
		1	50	20.38	20.40	20.26	2	22
		1	99	20.46	20.34	20.32	2	22
		50	0	19.31	19.20	19.15	3	21
		50	25	19.41	19.26	19.29	3	21
		50	50	19.35	19.32	19.25	3	21
		100	0	19.42	19.39	19.29	3	21
	256QAM	1	0	17.29	17.28	17.31	5	19
		1	50	17.41	17.36	17.36	5	19
		1	99	17.48	17.38	17.39	5	19
		50	0	17.40	17.40	17.27	5	19
		50	25	17.39	17.25	17.17	5	19
		50	50	17.52	17.44	17.41	5	19
		100	0	17.37	17.36	17.32	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.35	22.32	22.21	0	24
		1	37	22.31	22.22	22.17	0	24
		1	74	22.15	22.14	22.01	0	24
		36	0	21.28	21.19	21.19	1	23
		36	19	21.28	21.26	21.33	1	23
		36	39	21.30	21.34	21.21	1	23
		75	0	21.36	21.31	21.22	1	23
	16QAM	1	0	21.43	21.25	21.33	1	23
		1	37	21.43	21.30	21.28	1	23
		1	74	21.32	21.21	21.17	1	23
		36	0	20.19	20.21	20.15	2	22
		36	19	20.25	20.26	20.30	2	22
		36	39	20.28	20.39	20.19	2	22
		75	0	20.37	20.15	20.16	2	22
	64QAM	1	0	20.31	20.17	20.19	2	22
		1	37	20.25	20.37	20.16	2	22
		1	74	20.42	20.23	20.20	2	22
		36	0	19.24	19.09	19.04	3	21
		36	19	19.27	19.17	19.23	3	21
		36	39	19.28	19.26	19.19	3	21
		75	0	19.35	19.25	19.21	3	21
	256QAM	1	0	17.18	17.15	17.26	5	19
		1	37	17.38	17.32	17.24	5	19
		1	74	17.36	17.30	17.25	5	19
		36	0	17.32	17.31	17.25	5	19
		36	19	17.38	17.16	17.04	5	19
		36	39	17.42	17.39	17.31	5	19
		75	0	17.36	17.29	17.28	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.37	22.27	22.21	0	24
		1	24	22.23	22.19	22.04	0	24
		1	49	22.11	22.10	22.09	0	24
		25	0	21.24	21.28	21.05	1	23
		25	12	21.32	21.22	21.28	1	23
		25	25	21.20	21.23	21.11	1	23
		50	0	21.37	21.28	21.24	1	23
	16QAM	1	0	21.43	21.35	21.22	1	23
		1	24	21.45	21.29	21.32	1	23
		1	49	21.35	21.21	21.11	1	23
		25	0	20.18	20.26	20.09	2	22
		25	12	20.34	20.28	20.28	2	22
		25	25	20.28	20.38	20.25	2	22
		50	0	20.36	20.20	20.24	2	22
	64QAM	1	0	20.30	20.22	20.20	2	22
		1	24	20.24	20.34	20.23	2	22
		1	49	20.43	20.19	20.22	2	22
		25	0	19.27	19.11	19.03	3	21
		25	12	19.37	19.23	19.20	3	21
		25	25	19.27	19.29	19.15	3	21
		50	0	19.29	19.29	19.25	3	21
	256QAM	1	0	17.27	17.15	17.17	5	19
		1	24	17.30	17.31	17.23	5	19
		1	49	17.37	17.30	17.26	5	19
		25	0	17.34	17.30	17.15	5	19
		25	12	17.26	17.20	17.09	5	19
		25	25	17.44	17.40	17.30	5	19
		50	0	17.22	17.24	17.28	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.37	22.25	22.18	0	24
		1	12	22.27	22.30	22.17	0	24
		1	24	22.12	22.07	21.95	0	24
		12	0	21.28	21.18	21.18	1	23
		12	6	21.39	21.27	21.29	1	23
		12	13	21.23	21.31	21.20	1	23
		25	0	21.36	21.22	21.29	1	23
	16QAM	1	0	21.34	21.29	21.33	1	23
		1	12	21.50	21.37	21.32	1	23
		1	24	21.25	21.33	21.13	1	23
		12	0	20.12	20.23	20.09	2	22
		12	6	20.25	20.26	20.24	2	22
		12	13	20.29	20.43	20.19	2	22
		25	0	20.40	20.29	20.22	2	22
	64QAM	1	0	20.36	20.30	20.20	2	22
		1	12	20.25	20.25	20.25	2	22
		1	24	20.45	20.33	20.23	2	22
		12	0	19.25	19.18	19.01	3	21
		12	6	19.39	19.20	19.16	3	21
		12	13	19.24	19.18	19.20	3	21
		25	0	19.32	19.37	19.23	3	21
	256QAM	1	0	17.28	17.26	17.27	5	19
		1	12	17.40	17.22	17.33	5	19
		1	24	17.41	17.25	17.29	5	19
		12	0	17.29	17.28	17.22	5	19
		12	6	17.38	17.14	17.09	5	19
		12	13	17.50	17.43	17.35	5	19
		25	0	17.32	17.33	17.24	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.30	22.22	22.18	0	24
		1	7	22.23	22.29	22.15	0	24
		1	14	22.16	22.17	21.95	0	24
		8	0	21.27	21.19	21.06	1	23
		8	3	21.34	21.22	21.32	1	23
		8	7	21.21	21.34	21.11	1	23
		15	0	21.31	21.29	21.30	1	23
	16QAM	1	0	21.42	21.33	21.31	1	23
		1	7	21.44	21.33	21.37	1	23
		1	14	21.30	21.29	21.17	1	23
		8	0	20.17	20.24	20.17	2	22
		8	3	20.23	20.33	20.19	2	22
		8	7	20.34	20.33	20.28	2	22
		15	0	20.30	20.16	20.16	2	22
	64QAM	1	0	20.25	20.17	20.13	2	22
		1	7	20.35	20.32	20.12	2	22
		1	14	20.38	20.21	20.21	2	22
		8	0	19.21	19.06	19.07	3	21
		8	3	19.33	19.20	19.15	3	21
		8	7	19.29	19.23	19.12	3	21
		15	0	19.34	19.37	19.18	3	21
	256QAM	1	0	17.15	17.15	17.28	5	19
		1	7	17.32	17.21	17.32	5	19
		1	14	17.41	17.32	17.27	5	19
		8	0	17.31	17.25	17.14	5	19
		8	3	17.34	17.22	17.14	5	19
		8	7	17.46	17.36	17.40	5	19
		15	0	17.23	17.28	17.26	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.37	22.27	22.20	0	24
		1	2	22.31	22.28	22.12	0	24
		1	5	22.21	22.07	22.06	0	24
		3	0	22.10	22.02	21.89	0	24
		3	1	22.12	22.11	22.05	0	24
		3	3	22.09	22.14	21.88	0	24
		6	0	21.26	21.29	21.32	1	23
	16QAM	1	0	21.41	21.26	21.20	1	23
		1	2	21.44	21.36	21.34	1	23
		1	5	21.29	21.33	21.15	1	23
		3	0	21.22	21.17	21.17	1	23
		3	1	21.25	21.39	21.26	1	23
		3	3	21.25	21.34	21.29	1	23
		6	0	20.35	20.27	20.19	2	22
	64QAM	1	0	20.36	20.16	20.12	2	22
		1	2	20.36	20.28	20.11	2	22
		1	5	20.37	20.33	20.28	2	22
		3	0	20.26	20.14	20.06	2	22
		3	1	20.28	20.25	20.28	2	22
		3	3	20.33	20.26	20.17	2	22
		6	0	19.36	19.38	19.15	3	21
	256QAM	1	0	17.26	17.27	17.17	5	19
		1	2	17.28	17.27	17.30	5	19
		1	5	17.35	17.37	17.30	5	19
		3	0	17.39	17.32	17.16	5	19
		3	1	17.26	17.11	17.11	5	19
		3	3	17.43	17.42	17.26	5	19
		6	0	17.33	17.21	17.30	5	19

LTE Band 7 (Ant10)

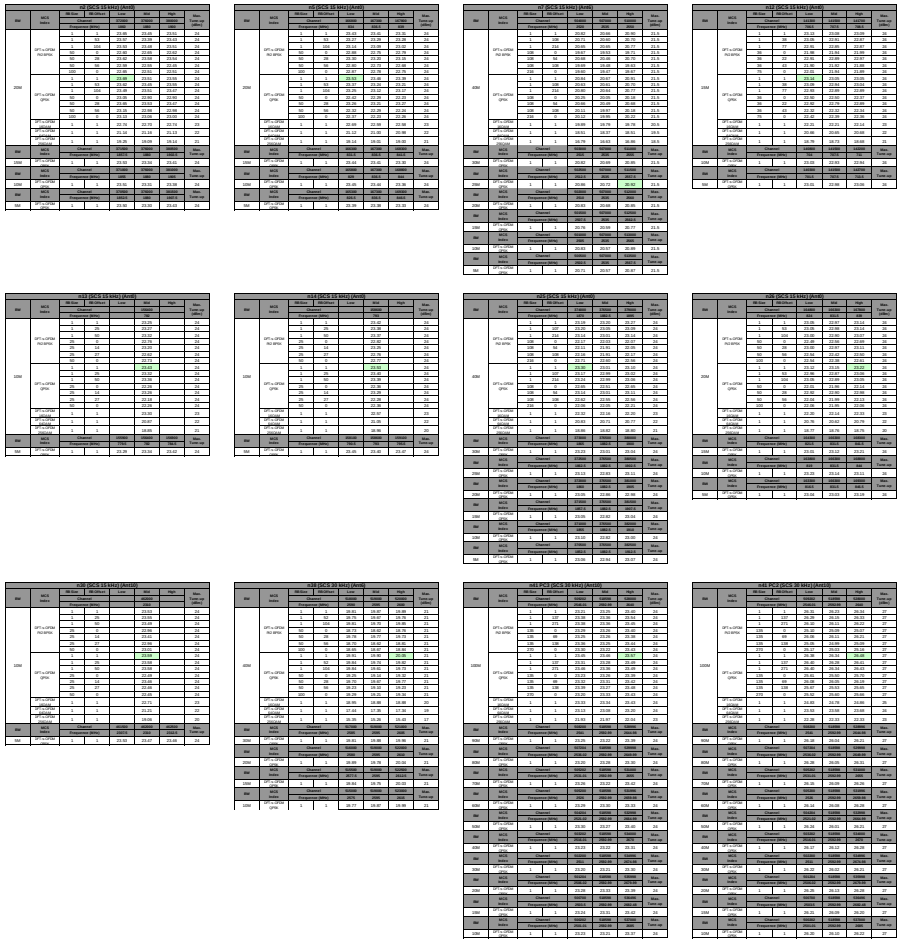
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	20.27	20.28	20.30	0	22
		1	50	20.24	20.24	20.45	0	22
		1	99	20.36	20.36	**20.49**	0	22
		50	0	19.24	19.36	19.28	1	21
		50	25	19.21	19.30	19.39	1	21
		50	50	19.30	19.31	19.33	1	21
		100	0	19.30	19.30	19.35	1	21
	16QAM	1	0	19.52	19.58	19.62	1	21
		1	50	19.44	19.50	19.56	1	21
		1	99	19.54	19.61	19.74	1	21
		50	0	18.22	18.34	18.45	2	20
		50	25	18.29	18.43	18.43	2	20
		50	50	18.38	18.45	18.44	2	20
		100	0	18.32	18.22	18.41	2	20
	64QAM	1	0	18.38	18.38	18.46	2	20
		1	50	18.46	18.44	18.38	2	20
		1	99	18.41	18.43	18.49	2	20
		50	0	17.27	17.38	17.41	3	19
		50	25	17.22	17.50	17.33	3	19
		50	50	17.40	17.37	17.44	3	19
		100	0	17.44	17.39	17.39	3	19
	256QAM	1	0	15.39	15.53	15.47	5	17
		1	50	15.42	15.51	15.36	5	17
		1	99	15.48	15.45	15.50	5	17
		50	0	15.41	15.43	15.54	5	17
		50	25	15.38	15.31	15.42	5	17
		50	50	15.38	15.45	15.47	5	17
		100	0	15.46	15.37	15.44	5	17
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	20.18	20.27	20.23	0	22
		1	37	20.16	20.13	20.30	0	22
		1	74	20.29	20.31	20.35	0	22
		36	0	19.19	19.34	19.15	1	21
		36	19	19.20	19.18	19.30	1	21
		36	39	19.17	19.29	19.28	1	21
		75	0	19.18	19.26	19.27	1	21
	16QAM	1	0	19.47	19.56	19.54	1	21
		1	37	19.39	19.48	19.48	1	21
		1	74	19.40	19.53	19.59	1	21
		36	0	18.12	18.29	18.31	2	20
		36	19	18.15	18.29	18.33	2	20
		36	39	18.28	18.38	18.30	2	20
		75	0	18.21	18.16	18.35	2	20
	64QAM	1	0	18.32	18.31	18.37	2	20
		1	37	18.36	18.31	18.37	2	20
		1	74	18.30	18.35	18.37	2	20
		36	0	17.23	17.36	17.36	3	19
		36	19	17.13	17.38	17.26	3	19
		36	39	17.39	17.27	17.41	3	19
		75	0	17.34	17.35	17.26	3	19
	256QAM	1	0	15.37	15.49	15.36	5	17
		1	37	15.32	15.39	15.25	5	17
		1	74	15.44	15.33	15.40	5	17
		36	0	15.32	15.28	15.50	5	17
		36	19	15.28	15.17	15.36	5	17
		36	39	15.24	15.41	15.34	5	17
		75	0	15.37	15.30	15.39	5	17
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	20.26	20.27	20.28	0	22
		1	24	20.10	20.13	20.33	0	22
		1	49	20.27	20.22	20.43	0	22
		25	0	19.19	19.35	19.27	1	21
		25	12	19.08	19.26	19.35	1	21
		25	25	19.17	19.18	19.21	1	21
		50	0	19.19	19.26	19.32	1	21
	16QAM	1	0	19.41	19.49	19.57	1	21
		1	24	19.34	19.48	19.55	1	21
		1	49	19.39	19.53	19.69	1	21
		25	0	18.11	18.28	18.35	2	20
		25	12	18.26	18.36	18.38	2	20
		25	25	18.31	18.34	18.34	2	20
		50	0	18.25	18.20	18.29	2	20
	64QAM	1	0	18.32	18.24	18.38	2	20
		1	24	18.44	18.39	18.29	2	20
		1	49	18.27	18.32	18.41	2	20
		25	0	17.12	17.23	17.39	3	19
		25	12	17.19	17.41	17.24	3	19
		25	25	17.27	17.36	17.38	3	19
		50	0	17.32	17.37	17.32	3	19
	256QAM	1	0	15.36	15.49	15.39	5	17
		1	24	15.33	15.43	15.25	5	17
		1	49	15.47	15.42	15.42	5	17
		25	0	15.29	15.32	15.50	5	17
		25	12	15.35	15.22	15.28	5	17
		25	25	15.30	15.34	15.34	5	17
		50	0	15.44	15.27	15.43	5	17
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	20.21	20.19	20.29	0	22
		1	12	20.22	20.09	20.38	0	22
		1	24	20.23	20.23	20.39	0	22
		12	0	19.09	19.28	19.21	1	21
		12	6	19.17	19.29	19.31	1	21
		12	13	19.22	19.28	19.23	1	21
		25	0	19.25	19.28	19.29	1	21
	16QAM	1	0	19.42	19.47	19.55	1	21
		1	12	19.42	19.39	19.45	1	21
		1	24	19.44	19.50	19.67	1	21
		12	0	18.15	18.33	18.42	2	20
		12	6	18.17	18.41	18.30	2	20
		12	13	18.23	18.31	18.40	2	20
		25	0	18.20	18.07	18.32	2	20
	64QAM	1	0	18.28	18.31	18.44	2	20
		1	12	18.40	18.30	18.24	2	20
		1	24	18.35	18.29	18.42	2	20
		12	0	17.15	17.35	17.26	3	19
		12	6	17.18	17.48	17.23	3	19
		12	13	17.34	17.24	17.32	3	19
		25	0	17.40	17.32	17.34	3	19
	256QAM	1	0	15.26	15.38	15.42	5	17
		1	12	15.38	15.46	15.35	5	17
		1	24	15.41	15.36	15.46	5	17
		12	0	15.31	15.41	15.51	5	17
		12	6	15.31	15.29	15.28	5	17
		12	13	15.32	15.37	15.36	5	17
		25	0	15.35	15.31	15.33	5	17

LTE Band 30 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.02		0	24
		1	24		**23.11**		0	24
		1	49		23.04		0	24
		25	0		21.97		1	23
		25	12		21.96		1	23
		25	25		21.98		1	23
		50	0		21.94		1	23
	16QAM	1	0		22.11		1	23
		1	24		22.14		1	23
		1	49		22.09		1	23
		25	0		21.01		2	22
		25	12		21.03		2	22
		25	25		21.05		2	22
		50	0		20.98		2	22
	64QAM	1	0		20.76		2	22
		1	24		20.78		2	22
		1	49		20.70		2	22
		25	0		20.02		3	21
		25	12		20.03		3	21
		25	25		20.02		3	21
		50	0		19.99		3	21
	256QAM	1	0		17.92		5	19
		1	24		18.13		5	19
		1	49		17.98		5	19
		25	0		17.93		5	19
		25	12		18.04		5	19
		25	25		17.97		5	19
		50	0		18.00		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	22.89	22.95	22.95	0	24
		1	12	23.06	23.09	23.05	0	24
		1	24	22.90	23.02	23.01	0	24
		12	0	21.87	21.83	21.86	1	23
		12	6	21.81	21.83	21.85	1	23
		12	13	21.92	21.84	21.90	1	23
		25	0	21.86	21.86	21.82	1	23
	16QAM	1	0	22.04	22.00	22.03	1	23
		1	12	22.01	22.04	22.03	1	23
		1	24	21.94	22.05	21.94	1	23
		12	0	20.90	20.95	20.93	2	22
		12	6	20.99	21.01	20.89	2	22
		12	13	21.02	21.02	20.98	2	22
		25	0	20.90	20.96	20.95	2	22
	64QAM	1	0	20.70	20.61	20.65	2	22
		1	12	20.67	20.66	20.67	2	22
		1	24	20.69	20.63	20.58	2	22
		12	0	19.98	19.93	19.99	3	21
		12	6	20.01	19.99	20.00	3	21
		12	13	19.91	19.91	20.00	3	21
		25	0	19.90	19.96	19.88	3	21
	256QAM	1	0	17.89	17.89	17.89	5	19
		1	12	17.99	18.11	18.11	5	19
		1	24	17.89	17.86	17.88	5	19
		12	0	17.85	17.80	17.89	5	19
		12	6	17.89	17.97	17.90	5	19
		12	13	17.92	17.90	17.88	5	19
		25	0	17.98	17.93	17.86	5	19

LTE Band 66 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	20.26	**20.43**	20.33	0	22
		1	50	20.32	20.23	20.14	0	22
		1	99	20.15	20.36	20.07	0	22
		50	0	19.32	19.25	19.18	1	21
		50	25	19.40	19.44	19.23	1	21
		50	50	19.37	19.40	19.16	1	21
		100	0	19.30	19.23	19.13	1	21
	16QAM	1	0	19.57	19.57	19.35	1	21
		1	50	19.43	19.43	19.41	1	21
		1	99	19.41	19.47	19.31	1	21
		50	0	18.34	18.29	18.17	2	20
		50	25	18.32	18.31	18.14	2	20
		50	50	18.27	18.49	18.28	2	20
		100	0	18.22	18.24	18.09	2	20
	64QAM	1	0	18.40	18.46	18.21	2	20
		1	50	18.21	18.33	18.08	2	20
		1	99	18.23	18.37	18.13	2	20
		50	0	17.25	17.32	17.23	3	19
		50	25	17.36	17.43	17.15	3	19
		50	50	17.29	17.41	17.12	3	19
		100	0	17.23	17.42	17.29	3	19
	256QAM	1	0	15.33	15.34	15.18	5	17
		1	50	15.33	15.49	15.23	5	17
		1	99	15.41	15.39	15.19	5	17
		50	0	15.27	15.39	15.13	5	17
		50	25	15.35	15.48	15.25	5	17
		50	50	15.36	15.43	15.30	5	17
		100	0	15.34	15.28	15.25	5	17
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	20.11	20.37	20.30	0	22
		1	37	20.27	20.18	19.99	0	22
		1	74	20.00	20.33	19.95	0	22
		36	0	19.18	19.14	19.16	1	21
		36	19	19.28	19.19	19.11	1	21
		36	39	19.35	19.25	19.12	1	21
		75	0	19.25	19.16	18.98	1	21
	16QAM	1	0	19.45	19.42	19.25	1	21
		1	37	19.34	19.33	19.30	1	21
		1	74	19.40	19.46	19.24	1	21
		36	0	18.20	18.21	18.02	2	20
		36	19	18.26	18.20	18.11	2	20
		36	39	18.23	18.34	18.22	2	20
		75	0	18.12	18.12	18.03	2	20
	64QAM	1	0	18.26	18.38	18.06	2	20
		1	37	18.06	18.26	17.93	2	20
		1	74	18.15	18.28	18.10	2	20
		36	0	17.15	17.28	17.13	3	19
		36	19	17.26	17.35	17.10	3	19
		36	39	17.27	17.33	17.04	3	19
		75	0	17.19	17.39	17.16	3	19
	256QAM	1	0	15.19	15.31	15.13	5	17
		1	37	15.26	15.37	15.21	5	17
		1	74	15.39	15.35	15.16	5	17
		36	0	15.20	15.31	15.05	5	17
		36	19	15.29	15.39	15.22	5	17
		36	39	15.31	15.37	15.16	5	17
		75	0	15.30	15.21	15.17	5	17
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	20.11	20.30	20.32	0	22
		1	24	20.22	20.22	20.09	0	22
		1	49	20.09	20.21	19.96	0	22
		25	0	19.20	19.15	19.09	1	21
		25	12	19.34	19.27	19.10	1	21
		25	25	19.22	19.27	19.09	1	21
		50	0	19.25	19.12	19.09	1	21
	16QAM	1	0	19.50	19.45	19.28	1	21
		1	24	19.40	19.36	19.32	1	21
		1	49	19.31	19.38	19.28	1	21
		25	0	18.22	18.21	18.11	2	20
		25	12	18.19	18.30	18.06	2	20
		25	25	18.16	18.43	18.25	2	20
		50	0	18.12	18.12	17.95	2	20
	64QAM	1	0	18.25	18.39	18.06	2	20
		1	24	18.08	18.22	18.01	2	20
		1	49	18.19	18.34	18.05	2	20
		25	0	17.10	17.23	17.19	3	19
		25	12	17.29	17.28	17.03	3	19
		25	25	17.28	17.30	16.99	3	19
		50	0	17.12	17.38	17.23	3	19
	256QAM	1	0	15.29	15.26	15.10	5	17
		1	24	15.23	15.40	15.15	5	17
		1	49	15.26	15.28	15.11	5	17
		25	0	15.22	15.32	15.03	5	17
		25	12	15.34	15.33	15.15	5	17
		25	25	15.34	15.39	15.19	5	17
		50	0	15.24	15.20	15.21	5	17
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	20.15	20.36	20.28	0	22
		1	12	20.18	20.09	20.03	0	22
		1	24	20.03	20.21	19.98	0	22
		12	0	19.25	19.14	19.16	1	21
		12	6	19.33	19.24	19.09	1	21
		12	13	19.29	19.37	19.13	1	21
		25	0	19.17	19.08	19.07	1	21
	16QAM	1	0	19.46	19.45	19.21	1	21
		1	12	19.29	19.33	19.27	1	21
		1	24	19.33	19.32	19.23	1	21
		12	0	18.20	18.18	18.11	2	20
		12	6	18.31	18.16	18.06	2	20
		12	13	18.12	18.40	18.22	2	20
		25	0	18.17	18.09	18.08	2	20
	64QAM	1	0	18.36	18.44	18.12	2	20
		1	12	18.08	18.27	17.96	2	20
		1	24	18.16	18.30	18.08	2	20
		12	0	17.15	17.20	17.10	3	19
		12	6	17.31	17.39	17.11	3	19
		12	13	17.18	17.34	17.10	3	19
		25	0	17.15	17.37	17.28	3	19
	256QAM	1	0	15.18	15.20	15.08	5	17
		1	12	15.30	15.40	15.12	5	17
		1	24	15.28	15.38	15.13	5	17
		12	0	15.20	15.24	15.10	5	17
		12	6	15.23	15.34	15.20	5	17
		12	13	15.23	15.39	15.20	5	17
		25	0	15.32	15.19	15.19	5	17
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	20.22	20.40	20.23	0	22
		1	7	20.29	20.20	20.12	0	22
		1	14	20.00	20.24	19.92	0	22
		8	0	19.30	19.14	19.09	1	21
		8	3	19.34	19.31	19.10	1	21
		8	7	19.24	19.29	19.01	1	21
		15	0	19.21	19.08	19.10	1	21
	16QAM	1	0	19.46	19.54	19.30	1	21
		1	7	19.37	19.40	19.26	1	21
		1	14	19.30	19.46	19.26	1	21
		8	0	18.19	18.20	18.14	2	20
		8	3	18.18	18.18	18.12	2	20
		8	7	18.21	18.46	18.20	2	20
		15	0	18.14	18.15	18.05	2	20
	64QAM	1	0	18.32	18.34	18.15	2	20
		1	7	18.17	18.22	17.98	2	20
		1	14	18.10	18.28	18.10	2	20
		8	0	17.24	17.19	17.12	3	19
		8	3	17.33	17.32	17.06	3	19
		8	7	17.15	17.37	17.07	3	19
		15	0	17.14	17.29	17.18	3	19
	256QAM	1	0	15.20	15.21	15.11	5	17
		1	7	15.23	15.40	15.20	5	17
		1	14	15.36	15.28	15.09	5	17
		8	0	15.14	15.31	15.06	5	17
		8	3	15.25	15.35	15.11	5	17
		8	7	15.25	15.28	15.25	5	17
		15	0	15.22	15.23	15.12	5	17
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	20.18	20.29	20.24	0	22
		1	2	20.17	20.16	20.03	0	22
		1	5	20.11	20.34	20.02	0	22
		3	0	20.00	20.03	19.90	0	22
		3	1	20.18	20.01	20.00	0	22
		3	3	20.14	20.11	19.86	0	22
		6	0	19.17	19.10	19.07	1	21
	16QAM	1	0	19.53	19.47	19.28	1	21
		1	2	19.42	19.33	19.34	1	21
		1	5	19.27	19.38	19.16	1	21
		3	0	19.21	19.25	19.13	1	21
		3	1	19.28	19.29	19.01	1	21
		3	3	19.16	19.39	19.27	1	21
		6	0	18.14	18.15	18.07	2	20
	64QAM	1	0	18.33	18.32	18.13	2	20
		1	2	18.12	18.29	18.05	2	20
		1	5	18.12	18.33	18.05	2	20
		3	0	18.21	18.21	18.14	2	20
		3	1	18.24	18.39	18.05	2	20
		3	3	18.18	18.31	18.11	2	20
		6	0	17.11	17.28	17.22	3	19
	256QAM	1	0	15.23	15.25	15.06	5	17
		1	2	15.20	15.35	15.21	5	17
		1	5	15.40	15.24	15.09	5	17
		3	0	15.20	15.37	15.08	5	17
		3	1	15.32	15.47	15.17	5	17
		3	3	15.25	15.33	15.15	5	17
		6	0	15.30	15.25	15.16	5	17



n2 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	20.67	20.55	20.81	21.5
		1	53	20.72	20.50	20.46	21.5
		1	104	20.57	20.70	20.98	21.5
		50	0	19.44	19.68	19.46	21.5
		50	28	20.73	20.64	20.99	21.5
		50	56	19.69	19.33	19.93	21.5
		100	0	19.82	19.71	19.45	21.5
	DFT-s-OFDM QPSK	1	1	21.08	20.76	20.63	21.5
		1	53	20.90	20.67	20.95	21.5
		1	104	20.71	20.62	20.56	21.5
		50	0	20.13	20.11	19.96	21.5
		50	28	20.66	20.55	20.61	21.5
		50	56	20.08	20.16	20.31	21.5
		100	0	20.10	20.30	20.25	21.5
	DFT-s-OFDM	1	1	19.72	19.40	19.58	20.5
	DFT-s-OFDM	1	1	18.19	18.14	18.20	19.5
	DFT-s-OFDM	1	1	15.93	16.05	16.13	18.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM	1	1	21.04	20.66	20.58	21.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	DFT-s-OFDM	1	1	20.94	20.71	20.61	21.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM	1	1	20.96	20.68	20.51	21.5

n7 (SCS 15 kHz) (Ant10)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		504000	507000	510000	
		Frequency (MHz)		2620	2535	2550	
40M	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.43	20.64	21.5
		1	108	20.59	20.55	20.63	21.5
		1	214	19.41	19.54	19.64	21.5
		108	0	19.82	20.01	19.93	21.5
		108	54	20.27	20.43	20.69	21.5
		108	108	19.80	19.82	20.00	21.5
		216	0	20.02	19.75	20.23	21.5
	DFT-s-OFDM QPSK	1	1	20.64	20.52	20.75	21.5
		1	108	20.31	20.35	20.49	21.5
		1	214	20.45	20.58	20.74	21.5
		108	0	19.35	19.38	19.62	21.5
		108	54	20.35	20.46	20.60	21.5
		108	108	19.48	19.64	19.65	21.5
		216	0	19.65	19.31	19.61	21.5
	DFT-s-OFDM	1	1	19.37	19.66	19.71	20.5
	DFT-s-OFDM	1	1	18.23	18.42	18.54	19.5
	DFT-s-OFDM	1	1	16.77	16.63	16.84	18.5
BW	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequency (MHz)		2515	2535	2555	
30M	DFT-s-OFDM	1	1	20.64	20.51	20.73	21.5
BW	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM	1	1	20.70	20.59	20.80	21.5
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequency (MHz)		2510	2535	2560	
20M	DFT-s-OFDM	1	1	20.55	20.54	20.77	21.5
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM	1	1	20.65	20.47	20.66	21.5
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	
10M	DFT-s-OFDM	1	1	20.55	20.46	20.66	21.5
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM	1	1	20.62	20.51	20.67	21.5

n38 (SCS 30 kHz) (Ant6)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequency (MHz)		2590	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK	1	1	20.76	20.62	20.72	22
		1	52	20.25	20.23	20.23	22
		1	104	20.60	20.59	20.58	22
		50	0	19.85	20.24	19.63	21
		50	28	20.72	20.39	20.48	21
		50	56	19.80	20.14	20.15	21
		100	0	20.05	20.21	19.73	21
	DFT-s-OFDM QPSK	1	1	20.81	20.94	20.95	22
		1	52	20.56	20.46	20.54	22
		1	104	20.69	20.68	20.61	22
		50	0	19.71	19.41	19.30	21
		50	28	20.52	20.89	20.70	21
		50	56	19.77	19.77	19.73	21
		100	0	19.58	19.63	19.41	21
	DFT-s-OFDM	1	1	19.66	19.93	19.89	21
	DFT-s-OFDM	1	1	18.14	18.01	17.95	20
	DFT-s-OFDM	1	1	16.35	16.50	16.31	18
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequency (MHz)		2585	2595	2605	
30M	DFT-s-OFDM	1	1	20.77	20.83	20.93	22
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequency (MHz)		2580	2595	2610	
20M	DFT-s-OFDM	1	1	20.71	20.87	20.91	22
BW	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequency (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM	1	1	20.80	20.83	20.84	22
BW	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequency (MHz)		2575	2595	2615	
10M	DFT-s-OFDM	1	1	20.66	20.83	20.81	22

n66 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	DFT-s-OFDM PI/2 BPSK	1	1	21.32	21.14	21.13	22.5
		1	107	21.10	20.91	21.01	22.5
		1	214	21.19	21.18	20.95	22.5
		108	0	20.77	20.66	20.76	22.5
		108	54	21.07	21.12	21.03	22.5
		108	108	20.62	20.56	20.54	22.5
		216	0	20.77	20.67	20.64	22.5
	DFT-s-OFDM QPSK	1	1	21.40	21.25	21.15	22.5
		1	107	21.34	21.12	21.16	22.5
		1	214	21.05	21.04	21.05	22.5
		108	0	20.16	20.10	20.26	22.5
		108	54	21.09	21.15	21.24	22.5
		108	108	20.17	20.02	20.17	22.5
		216	0	20.01	20.10	20.10	22.5
	DFT-s-OFDM	1	1	20.44	20.22	20.25	21.5
	DFT-s-OFDM	1	1	18.61	18.47	18.62	20
	DFT-s-OFDM	1	1	16.97	16.86	16.83	18
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM	1	1	21.39	21.15	21.12	22.5
BW	MCS Index	Channel		344500	349000	353500	Max. Tune-up
		Frequency (MHz)		1722.5	1745	1767.5	
25M	DFT-s-OFDM	1	1	21.31	21.13	21.07	22.5
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM	1	1	21.36	21.20	21.02	22.5
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM	1	1	21.31	21.23	21.08	22.5
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM	1	1	21.30	21.17	21.04	22.5
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM	1	1	21.26	21.19	21.09	22.5

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		13.48		15
		1	137		13.41		15
		1	271		13.52		15
		135	0		13.28		15
		135	69		13.44		15
		135	138		13.40		15
		270	0		13.35		15
	DFT-s-OFDM QPSK	1	1		13.78		15
		1	137		13.60		15
		1	271		13.55		15
		135	0		13.39		15
		135	69		13.40		15
		135	138		13.36		15
		270	0		13.52		15
	DFT-s-OFDM 16QAM	1	1		13.58		15
	DFT-s-OFDM 64QAM	1	1		13.40		14.5
	DFT-s-OFDM 256QAM	1	1		12.16		13.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	13.72	13.69	13.67	15
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	13.77	13.69	13.67	15
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	13.75	13.77	13.66	15
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	13.79	13.72	13.65	15
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	13.66	13.68	13.77	15
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	13.70	13.72	13.70	15
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	13.74	13.68	13.65	15
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	13.75	13.68	13.66	15
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	13.72	13.71	13.67	15
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	13.68	13.73	13.76	15

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	14.10	13.54	13.77	15
		1	137	13.93	13.52	13.79	15
		1	271	13.87	13.43	13.58	15
		135	0	13.80	13.49	13.70	15
		135	69	13.88	13.34	13.64	15
		135	138	13.90	13.40	13.64	15
		270	0	13.71	13.43	13.73	15
	DFT-s-OFDM QPSK	1	1	14.17	13.67	13.92	15
		1	137	13.86	13.56	13.76	15
		1	271	13.86	13.26	13.67	15
		135	0	13.56	13.39	13.56	15
		135	69	13.81	13.41	13.62	15
		135	138	13.80	13.33	13.65	15
		270	0	13.69	13.35	13.77	15
	DFT-s-OFDM 16QAM	1	1	14.02	13.53	13.70	15
	DFT-s-OFDM 64QAM	1	1	13.74	13.27	13.62	14.5
	DFT-s-OFDM 256QAM	1	1	12.41	11.92	12.36	13.5
BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	14.19	13.52	13.80	15
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	14.12	13.60	13.91	15
BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	14.03	13.60	13.85	15
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	14.09	13.55	13.80	15
BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	14.16	13.50	13.83	15
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	14.10	13.63	13.76	15
BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	14.14	13.62	13.82	15
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	14.07	13.64	13.82	15
BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM QPSK	1	1	14.17	13.60	13.82	15
BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequence (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	14.07	13.57	13.90	15

n78 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		14.14		15
		1	137		14.06		15
		1	271		13.89		15
		135	0		13.89		15
		135	69		14.06		15
		135	138		13.76		15
		270	0		13.95		15
	DFT-s-OFDM QPSK	1	1		14.21		15
		1	137		14.08		15
		1	271		13.98		15
		135	0		13.87		15
		135	69		14.00		15
		135	138		13.90		15
		270	0		14.09		15
	DFT-s-OFDM 16QAM	1	1		13.84		15
	DFT-s-OFDM 64QAM	1	1		13.19		14.5
	DFT-s-OFDM 256QAM	1	1		12.43		13.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	14.06	14.09	14.19	15
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	14.10	14.18	14.21	15
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	14.15	14.16	14.17	15
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	14.18	14.11	14.19	15
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	14.17	14.20	14.16	15
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	14.10	14.22	14.12	15
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	14.13	14.12	14.13	15
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	14.20	14.07	14.20	15
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	14.11	14.10	14.14	15
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	14.18	14.22	14.07	15

DSI4 Power

Band	GSM850 (Ant0)				GSM1900 (Ant0)			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	**31.77**	31.70	31.68	33.50	28.94	**29.06**	29.03	30.50
GPRS 1Tx Slot	31.75	31.69	31.67	33.50	28.93	29.05	29.01	30.50
GPRS 2Tx Slot	29.54	29.77	29.54	31.50	27.09	26.94	26.97	28.50
GPRS 3Tx Slot	27.58	27.75	27.57	29.50	25.12	25.05	24.95	26.50
GPRS 4Tx Slot	25.56	25.73	25.58	27.50	22.75	22.90	22.93	24.50
EDGE 1Tx Slot	26.22	26.10	26.18	27.50	25.47	25.46	25.27	26.50
EDGE 2Tx Slot	25.01	24.98	24.82	26.50	24.04	24.29	24.06	25.50
EDGE 3Tx Slot	23.84	23.66	23.86	25.50	22.90	23.17	22.98	24.50
EDGE 4Tx Slot	22.79	22.86	22.82	24.50	21.86	22.06	22.00	23.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	22.77	22.70	22.68	24.50	19.94	20.06	20.03	21.50
GPRS 1Tx Slot	22.75	22.69	22.67	24.50	19.93	20.05	20.01	21.50
GPRS 2Tx Slot	23.54	23.77	23.54	25.50	21.09	20.94	20.97	22.50
GPRS 3Tx Slot	23.32	23.49	23.31	25.24	20.86	20.79	20.69	22.24
GPRS 4Tx Slot	22.56	22.73	22.58	24.50	19.75	19.90	19.93	21.50
EDGE 1Tx Slot	17.22	17.10	17.18	18.50	16.47	16.46	16.27	17.50
EDGE 2Tx Slot	19.01	18.98	18.82	20.50	18.04	18.29	18.06	19.50
EDGE 3Tx Slot	19.58	19.40	19.60	21.24	18.64	18.91	18.72	20.24
EDGE 4Tx Slot	19.79	19.86	19.82	21.50	18.86	19.06	19.00	20.50

Band	WCDMA II (Ant0)			WCDMA II	WCDMA IV (Ant0)			WCDMA IV	WCDMA V (Ant0)			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	**22.98**	22.97	22.87	**24.00**	22.85	**22.86**	22.83	**24.00**	22.87	**22.94**	22.88	**24.00**
HSDPA Subtest-1	22.06	22.02	22.05	23.00	21.89	21.89	21.90	23.00	21.95	21.91	21.91	23.00
HSDPA Subtest-2	21.96	22.06	21.97	23.00	21.82	21.88	21.86	23.00	21.93	21.88	21.99	23.00
HSDPA Subtest-3	21.55	21.49	21.36	22.50	21.30	21.35	21.33	22.50	21.42	21.40	21.46	22.50
HSDPA Subtest-4	21.51	21.50	21.46	22.50	21.41	21.44	21.41	22.50	21.45	21.47	21.35	22.50
DC-HSDPA Subtest-1	22.04	22.04	21.96	23.00	21.86	21.92	21.90	23.00	21.96	21.82	21.99	23.00
DC-HSDPA Subtest-2	22.00	22.06	22.03	23.00	21.87	21.87	21.83	23.00	21.89	21.89	21.94	23.00
DC-HSDPA Subtest-3	21.54	21.56	21.34	22.50	21.35	21.38	21.41	22.50	21.33	21.41	21.43	22.50
DC-HSDPA Subtest-4	21.54	21.42	21.35	22.50	21.40	21.45	21.35	22.50	21.36	21.39	21.38	22.50
HSUPA Subtest-1	21.97	22.02	21.85	23.00	21.90	21.87	21.90	23.00	21.95	21.98	21.94	23.00
HSUPA Subtest-2	19.94	20.04	19.82	21.00	19.86	19.81	19.84	21.00	19.92	19.93	19.95	21.00
HSUPA Subtest-3	21.03	20.95	20.93	22.00	20.80	20.94	20.82	22.00	20.84	20.92	20.89	22.00
HSUPA Subtest-4	20.00	20.03	19.82	21.00	19.93	19.85	19.86	21.00	19.96	19.99	19.93	21.00
HSUPA Subtest-5	22.06	22.04	21.95	23.00	21.82	21.86	21.87	23.00	21.85	22.00	21.84	23.00
HSPA+ Subtest-1	19.50	19.44	19.36	20.50	19.36	19.38	19.41	20.50	19.34	19.44	19.40	20.50

LTE Band 2 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.56**	22.52	22.42	0	24
		1	50	22.46	22.45	22.33	0	24
		1	99	22.28	22.32	22.30	0	24
		50	0	21.59	21.49	21.41	1	23
		50	25	21.64	21.53	21.58	1	23
		50	50	21.62	21.50	21.55	1	23
		100	0	21.59	21.48	21.52	1	23
	16QAM	1	0	21.54	21.51	21.48	1	23
		1	50	21.57	21.56	21.48	1	23
		1	99	21.49	21.45	21.32	1	23
		50	0	20.54	20.52	20.49	2	22
		50	25	20.62	20.56	20.48	2	22
		50	50	20.52	20.59	20.43	2	22
		100	0	20.66	20.58	20.57	2	22
	64QAM	1	0	20.59	20.57	20.52	2	22
		1	50	20.49	20.47	20.42	2	22
		1	99	20.48	20.50	20.35	2	22
		50	0	19.52	19.50	19.46	3	21
		50	25	19.68	19.63	19.52	3	21
		50	50	19.53	19.53	19.43	3	21
		100	0	19.68	19.49	19.46	3	21
	256QAM	1	0	17.56	17.45	17.49	5	19
		1	50	17.42	17.42	17.33	5	19
		1	99	17.41	17.48	17.22	5	19
		50	0	17.43	17.36	17.37	5	19
		50	25	17.67	17.48	17.46	5	19
		50	50	17.42	17.49	17.33	5	19
		100	0	17.56	17.40	17.38	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.53	22.43	22.35	0	24
		1	37	22.38	22.41	22.31	0	24
		1	74	22.27	22.18	22.23	0	24
		36	0	21.48	21.45	21.40	1	23
		36	19	21.59	21.49	21.43	1	23
		36	39	21.50	21.38	21.46	1	23
		75	0	21.44	21.35	21.45	1	23
	16QAM	1	0	21.46	21.45	21.35	1	23
		1	37	21.56	21.54	21.38	1	23
		1	74	21.44	21.34	21.29	1	23
		36	0	20.49	20.39	20.34	2	22
		36	19	20.53	20.51	20.33	2	22
		36	39	20.37	20.48	20.38	2	22
		75	0	20.64	20.54	20.49	2	22
	64QAM	1	0	20.44	20.51	20.42	2	22
		1	37	20.35	20.37	20.36	2	22
		1	74	20.47	20.40	20.33	2	22
		36	0	19.41	19.48	19.40	3	21
		36	19	19.57	19.52	19.38	3	21
		36	39	19.38	19.49	19.35	3	21
		75	0	19.57	19.42	19.39	3	21
	256QAM	1	0	17.53	17.40	17.45	5	19
		1	37	17.40	17.33	17.18	5	19
		1	74	17.33	17.36	17.18	5	19
		36	0	17.35	17.28	17.30	5	19
		36	19	17.57	17.47	17.39	5	19
		36	39	17.38	17.35	17.19	5	19
		75	0	17.44	17.34	17.35	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.47	22.49	22.30	0	24
		1	24	22.44	22.32	22.23	0	24
		1	49	22.19	22.17	22.16	0	24
		25	0	21.57	21.38	21.33	1	23
		25	12	21.63	21.48	21.51	1	23
		25	25	21.60	21.40	21.41	1	23
		50	0	21.44	21.45	21.46	1	23
	16QAM	1	0	21.45	21.40	21.33	1	23
		1	24	21.55	21.45	21.46	1	23
		1	49	21.43	21.38	21.30	1	23
		25	0	20.44	20.43	20.38	2	22
		25	12	20.52	20.44	20.39	2	22
		25	25	20.41	20.54	20.37	2	22
		50	0	20.56	20.46	20.54	2	22
	64QAM	1	0	20.48	20.46	20.38	2	22
		1	24	20.45	20.41	20.32	2	22
		1	49	20.34	20.47	20.20	2	22
		25	0	19.40	19.42	19.33	3	21
		25	12	19.65	19.61	19.39	3	21
		25	25	19.47	19.46	19.41	3	21
		50	0	19.54	19.35	19.37	3	21
	256QAM	1	0	17.54	17.39	17.41	5	19
		1	24	17.37	17.37	17.25	5	19
		1	49	17.37	17.39	17.07	5	19
		25	0	17.39	17.29	17.36	5	19
		25	12	17.61	17.35	17.45	5	19
		25	25	17.32	17.46	17.21	5	19
		50	0	17.41	17.37	17.30	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.42	22.50	22.38	0	24
		1	12	22.38	22.38	22.29	0	24
		1	24	22.21	22.31	22.18	0	24
		12	0	21.54	21.45	21.31	1	23
		12	6	21.52	21.44	21.44	1	23
		12	13	21.57	21.40	21.52	1	23
		25	0	21.48	21.36	21.43	1	23
	16QAM	1	0	21.48	21.48	21.36	1	23
		1	12	21.45	21.48	21.47	1	23
		1	24	21.36	21.31	21.24	1	23
		12	0	20.51	20.39	20.40	2	22
		12	6	20.51	20.46	20.36	2	22
		12	13	20.45	20.44	20.33	2	22
		25	0	20.61	20.56	20.54	2	22
	64QAM	1	0	20.44	20.50	20.43	2	22
		1	12	20.37	20.40	20.35	2	22
		1	24	20.44	20.38	20.31	2	22
		12	0	19.44	19.48	19.33	3	21
		12	6	19.54	19.53	19.50	3	21
		12	13	19.48	19.42	19.40	3	21
		25	0	19.65	19.37	19.44	3	21
	256QAM	1	0	17.46	17.34	17.45	5	19
		1	12	17.35	17.37	17.26	5	19
		1	24	17.28	17.47	17.17	5	19
		12	0	17.36	17.27	17.26	5	19
		12	6	17.61	17.33	17.36	5	19
		12	13	17.37	17.34	17.25	5	19
		25	0	17.54	17.30	17.35	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.43	22.42	22.36	0	24
		1	7	22.43	22.33	22.25	0	24
		1	14	22.19	22.22	22.27	0	24
		8	0	21.51	21.47	21.26	1	23
		8	3	21.49	21.46	21.54	1	23
		8	7	21.55	21.42	21.46	1	23
		15	0	21.55	21.39	21.49	1	23
	16QAM	1	0	21.53	21.44	21.36	1	23
		1	7	21.55	21.43	21.46	1	23
		1	14	21.48	21.44	21.17	1	23
		8	0	20.52	20.43	20.38	2	22
		8	3	20.51	20.44	20.43	2	22
		8	7	20.49	20.54	20.34	2	22
		15	0	20.64	20.50	20.44	2	22
	64QAM	1	0	20.48	20.49	20.41	2	22
		1	7	20.48	20.43	20.32	2	22
		1	14	20.41	20.42	20.28	2	22
		8	0	19.39	19.45	19.31	3	21
		8	3	19.58	19.59	19.37	3	21
		8	7	19.43	19.51	19.36	3	21
		15	0	19.54	19.46	19.37	3	21
	256QAM	1	0	17.55	17.39	17.36	5	19
		1	7	17.31	17.36	17.28	5	19
		1	14	17.33	17.36	17.09	5	19
		8	0	17.28	17.27	17.32	5	19
		8	3	17.58	17.35	17.44	5	19
		8	7	17.36	17.41	17.25	5	19
		15	0	17.47	17.28	17.23	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.41	22.46	22.38	0	24
		1	2	22.45	22.43	22.27	0	24
		1	5	22.20	22.28	22.23	0	24
		3	0	22.27	22.14	22.19	0	24
		3	1	22.41	22.27	22.37	0	24
		3	3	22.35	22.24	22.29	0	24
		6	0	21.48	21.34	21.42	1	23
	16QAM	1	0	21.53	21.47	21.44	1	23
		1	2	21.47	21.41	21.40	1	23
		1	5	21.38	21.34	21.18	1	23
		3	0	21.42	21.51	21.42	1	23
		3	1	21.49	21.45	21.45	1	23
		3	3	21.47	21.51	21.34	1	23
		6	0	20.55	20.44	20.48	2	22
	64QAM	1	0	20.49	20.53	20.37	2	22
		1	2	20.43	20.34	20.32	2	22
		1	5	20.44	20.43	20.25	2	22
		3	0	20.49	20.42	20.32	2	22
		3	1	20.53	20.49	20.44	2	22
		3	3	20.49	20.40	20.38	2	22
		6	0	19.66	19.37	19.42	3	21
	256QAM	1	0	17.48	17.31	17.39	5	19
		1	2	17.30	17.35	17.24	5	19
		1	5	17.38	17.47	17.21	5	19
		3	0	17.40	17.27	17.26	5	19
		3	1	17.54	17.33	17.44	5	19
		3	3	17.40	17.34	17.26	5	19
		6	0	17.47	17.35	17.35	5	19

LTE Band 4 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	**22.57**	22.47	22.50	0	24
		1	50	22.39	22.42	22.45	0	24
		1	99	22.35	22.44	22.37	0	24
		50	0	21.45	21.35	21.43	1	23
		50	25	21.58	21.47	21.53	1	23
		50	50	21.52	21.52	21.47	1	23
		100	0	21.49	21.54	21.51	1	23
	16QAM	1	0	21.70	21.60	21.73	1	23
		1	50	21.55	21.46	21.43	1	23
		1	99	21.61	21.52	21.55	1	23
		50	0	20.45	20.50	20.42	2	22
		50	25	20.55	20.57	20.58	2	22
		50	50	20.57	20.51	20.45	2	22
		100	0	20.51	20.50	20.54	2	22
	64QAM	1	0	20.62	20.61	20.61	2	22
		1	50	20.52	20.50	20.54	2	22
		1	99	20.65	20.48	20.63	2	22
		50	0	19.57	19.50	19.52	3	21
		50	25	19.51	19.47	19.43	3	21
		50	50	19.53	19.44	19.51	3	21
		100	0	19.58	19.58	19.47	3	21
	256QAM	1	0	17.58	17.60	17.56	5	19
		1	50	17.45	17.46	17.53	5	19
		1	99	17.62	17.46	17.60	5	19
		50	0	17.42	17.37	17.51	5	19
		50	25	17.42	17.33	17.37	5	19
		50	50	17.44	17.32	17.38	5	19
		100	0	17.55	17.54	17.43	5	19
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	22.42	22.44	22.36	0	24
		1	37	22.37	22.34	22.31	0	24
		1	74	22.22	22.41	22.33	0	24
		36	0	21.43	21.25	21.34	1	23
		36	19	21.48	21.35	21.46	1	23
		36	39	21.40	21.44	21.35	1	23
		75	0	21.44	21.42	21.37	1	23
	16QAM	1	0	21.69	21.50	21.60	1	23
		1	37	21.43	21.43	21.41	1	23
		1	74	21.49	21.51	21.43	1	23
		36	0	20.42	20.39	20.39	2	22
		36	19	20.51	20.42	20.48	2	22
		36	39	20.47	20.37	20.34	2	22
		75	0	20.50	20.49	20.46	2	22
	64QAM	1	0	20.54	20.59	20.58	2	22
		1	37	20.44	20.42	20.41	2	22
		1	74	20.63	20.34	20.59	2	22
		36	0	19.50	19.44	19.38	3	21
		36	19	19.42	19.39	19.36	3	21
		36	39	19.41	19.39	19.36	3	21
		75	0	19.52	19.46	19.42	3	21
	256QAM	1	0	17.50	17.49	17.52	5	19
		1	37	17.41	17.43	17.46	5	19
		1	74	17.54	17.33	17.58	5	19
		36	0	17.40	17.34	17.40	5	19
		36	19	17.28	17.25	17.28	5	19
		36	39	17.41	17.18	17.23	5	19
		75	0	17.49	17.53	17.42	5	19
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	22.51	22.43	22.35	0	24
		1	24	22.30	22.33	22.31	0	24
		1	49	22.20	22.41	22.29	0	24
		25	0	21.40	21.23	21.35	1	23
		25	12	21.44	21.34	21.38	1	23
		25	25	21.48	21.39	21.32	1	23
		50	0	21.42	21.46	21.40	1	23
	16QAM	1	0	21.59	21.48	21.64	1	23
		1	24	21.51	21.42	21.31	1	23
		1	49	21.46	21.43	21.46	1	23
		25	0	20.43	20.37	20.38	2	22
		25	12	20.41	20.43	20.48	2	22
		25	25	20.50	20.49	20.33	2	22
		50	0	20.46	20.40	20.44	2	22
	64QAM	1	0	20.49	20.50	20.53	2	22
		1	24	20.43	20.37	20.44	2	22
		1	49	20.56	20.35	20.49	2	22
		25	0	19.54	19.42	19.44	3	21
		25	12	19.41	19.38	19.42	3	21
		25	25	19.39	19.39	19.40	3	21
		50	0	19.55	19.53	19.36	3	21
	256QAM	1	0	17.55	17.59	17.50	5	19
		1	24	17.31	17.42	17.45	5	19
		1	49	17.61	17.34	17.57	5	19
		25	0	17.38	17.31	17.50	5	19
		25	12	17.38	17.32	17.33	5	19
		25	25	17.43	17.17	17.37	5	19
		50	0	17.54	17.43	17.28	5	19
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	22.54	22.33	22.47	0	24
		1	12	22.24	22.31	22.39	0	24
		1	24	22.24	22.41	22.35	0	24
		12	0	21.39	21.23	21.38	1	23
		12	6	21.54	21.42	21.42	1	23
		12	13	21.51	21.40	21.46	1	23
		25	0	21.37	21.45	21.36	1	23
	16QAM	1	0	21.63	21.51	21.59	1	23
		1	12	21.47	21.34	21.40	1	23
		1	24	21.49	21.45	21.48	1	23
		12	0	20.39	20.44	20.32	2	22
		12	6	20.50	20.42	20.53	2	22
		12	13	20.53	20.50	20.30	2	22
		25	0	20.41	20.35	20.51	2	22
	64QAM	1	0	20.51	20.50	20.59	2	22
		1	12	20.42	20.43	20.42	2	22
		1	24	20.63	20.39	20.59	2	22
		12	0	19.51	19.44	19.37	3	21
		12	6	19.50	19.45	19.38	3	21
		12	13	19.48	19.31	19.36	3	21
		25	0	19.55	19.52	19.43	3	21
	256QAM	1	0	17.48	17.53	17.52	5	19
		1	12	17.43	17.44	17.51	5	19
		1	24	17.61	17.45	17.46	5	19
		12	0	17.34	17.36	17.50	5	19
		12	6	17.34	17.29	17.31	5	19
		12	13	17.43	17.23	17.30	5	19
		25	0	17.54	17.45	17.41	5	19
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	22.56	22.46	22.37	0	24
		1	7	22.35	22.40	22.41	0	24
		1	14	22.31	22.35	22.30	0	24
		8	0	21.33	21.34	21.31	1	23
		8	3	21.45	21.32	21.49	1	23
		8	7	21.43	21.38	21.34	1	23
		15	0	21.34	21.40	21.45	1	23
	16QAM	1	0	21.69	21.48	21.60	1	23
		1	7	21.45	21.34	21.36	1	23
		1	14	21.56	21.49	21.52	1	23
		8	0	20.38	20.36	20.30	2	22
		8	3	20.54	20.42	20.44	2	22
		8	7	20.44	20.43	20.44	2	22
		15	0	20.46	20.38	20.46	2	22
	64QAM	1	0	20.57	20.53	20.58	2	22
		1	7	20.42	20.49	20.51	2	22
		1	14	20.63	20.39	20.51	2	22
		8	0	19.43	19.35	19.48	3	21
		8	3	19.50	19.33	19.39	3	21
		8	7	19.39	19.29	19.43	3	21
		15	0	19.43	19.55	19.34	3	21
	256QAM	1	0	17.43	17.53	17.55	5	19
		1	7	17.31	17.38	17.46	5	19
		1	14	17.61	17.44	17.54	5	19
		8	0	17.32	17.34	17.44	5	19
		8	3	17.35	17.31	17.29	5	19
		8	7	17.43	17.28	17.34	5	19
		15	0	17.42	17.49	17.34	5	19
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	22.52	22.35	22.44	0	24
		1	2	22.34	22.41	22.35	0	24
		1	5	22.26	22.31	22.33	0	24
		3	0	22.10	22.14	22.11	0	24
		3	1	22.34	22.13	22.19	0	24
		3	3	22.29	22.30	22.25	0	24
		6	0	21.41	21.41	21.46	1	23
	16QAM	1	0	21.61	21.53	21.60	1	23
		1	2	21.51	21.42	21.30	1	23
		1	5	21.57	21.38	21.45	1	23
		3	0	21.32	21.49	21.31	1	23
		3	1	21.45	21.55	21.49	1	23
		3	3	21.49	21.42	21.43	1	23
		6	0	20.49	20.38	20.44	2	22
	64QAM	1	0	20.48	20.52	20.52	2	22
		1	2	20.40	20.45	20.47	2	22
		1	5	20.61	20.34	20.55	2	22
		3	0	20.54	20.48	20.42	2	22
		3	1	20.46	20.46	20.38	2	22
		3	3	20.47	20.29	20.37	2	22
		6	0	19.46	19.56	19.46	3	21
	256QAM	1	0	17.52	17.51	17.43	5	19
		1	2	17.43	17.44	17.44	5	19
		1	5	17.61	17.43	17.50	5	19
		3	0	17.40	17.33	17.48	5	19
		3	1	17.28	17.25	17.28	5	19
		3	3	17.34	17.25	17.31	5	19
		6	0	17.49	17.40	17.33	5	19

LTE Band 5 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	22.49	22.55	**22.66**	0	24
		1	24	22.58	22.45	22.49	0	24
		1	49	22.46	22.48	22.58	0	24
		25	0	21.57	21.49	21.57	1	23
		25	12	21.54	21.61	21.62	1	23
		25	25	21.65	21.53	21.61	1	23
		50	0	21.65	21.63	21.58	1	23
	16QAM	1	0	21.79	21.73	21.77	1	23
		1	24	21.70	21.61	21.67	1	23
		1	49	21.67	21.66	21.67	1	23
		25	0	20.52	20.53	20.59	2	22
		25	12	20.68	20.53	20.65	2	22
		25	25	20.70	20.67	20.73	2	22
		50	0	20.63	20.56	20.60	2	22
	64QAM	1	0	20.63	20.66	20.76	2	22
		1	24	20.67	20.73	20.76	2	22
		1	49	20.61	20.60	20.56	2	22
		25	0	19.58	19.59	19.69	3	21
		25	12	19.61	19.59	19.60	3	21
		25	25	19.57	19.60	19.62	3	21
		50	0	19.48	19.48	19.58	3	21
	256QAM	1	0	17.61	17.62	17.71	5	19
		1	24	17.57	17.65	17.64	5	19
		1	49	17.49	17.52	17.42	5	19
		25	0	17.50	17.57	17.62	5	19
		25	12	17.46	17.49	17.55	5	19
		25	25	17.51	17.48	17.59	5	19
		50	0	17.41	17.42	17.45	5	19
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	22.35	22.51	22.61	0	24
		1	12	22.55	22.31	22.48	0	24
		1	24	22.32	22.39	22.47	0	24
		12	0	21.56	21.48	21.46	1	23
		12	6	21.43	21.55	21.51	1	23
		12	13	21.51	21.52	21.48	1	23
		25	0	21.55	21.50	21.57	1	23
	16QAM	1	0	21.76	21.58	21.73	1	23
		1	12	21.60	21.50	21.58	1	23
		1	24	21.66	21.56	21.63	1	23
		12	0	20.46	20.44	20.56	2	22
		12	6	20.65	20.42	20.60	2	22
		12	13	20.60	20.59	20.63	2	22
		25	0	20.52	20.49	20.59	2	22
	64QAM	1	0	20.56	20.57	20.68	2	22
		1	12	20.53	20.69	20.70	2	22
		1	24	20.59	20.46	20.52	2	22
		12	0	19.51	19.57	19.64	3	21
		12	6	19.52	19.48	19.50	3	21
		12	13	19.48	19.58	19.49	3	21
		25	0	19.38	19.38	19.45	3	21
	256QAM	1	0	17.58	17.51	17.57	5	19
		1	12	17.48	17.61	17.51	5	19
		1	24	17.42	17.42	17.29	5	19
		12	0	17.45	17.48	17.57	5	19
		12	6	17.32	17.39	17.42	5	19
		12	13	17.42	17.42	17.47	5	19
		25	0	17.35	17.34	17.41	5	19
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	22.40	22.51	22.60	0	24
		1	7	22.44	22.36	22.38	0	24
		1	14	22.35	22.44	22.44	0	24
		8	0	21.42	21.46	21.42	1	23
		8	3	21.42	21.58	21.54	1	23
		8	7	21.57	21.46	21.54	1	23
		15	0	21.63	21.55	21.57	1	23
	16QAM	1	0	21.71	21.72	21.67	1	23
		1	7	21.58	21.50	21.55	1	23
		1	14	21.62	21.58	21.59	1	23
		8	0	20.50	20.50	20.53	2	22
		8	3	20.60	20.47	20.56	2	22
		8	7	20.58	20.66	20.70	2	22
		15	0	20.50	20.42	20.58	2	22
	64QAM	1	0	20.57	20.55	20.66	2	22
		1	7	20.61	20.59	20.72	2	22
		1	14	20.54	20.48	20.55	2	22
		8	0	19.45	19.54	19.60	3	21
		8	3	19.50	19.50	19.58	3	21
		8	7	19.50	19.47	19.49	3	21
		15	0	19.33	19.33	19.44	3	21
	256QAM	1	0	17.58	17.54	17.57	5	19
		1	7	17.46	17.53	17.61	5	19
		1	14	17.34	17.44	17.41	5	19
		8	0	17.45	17.51	17.48	5	19
		8	3	17.38	17.36	17.52	5	19
		8	7	17.42	17.46	17.50	5	19
		15	0	17.39	17.35	17.39	5	19
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	22.37	22.45	22.64	0	24
		1	2	22.48	22.36	22.46	0	24
		1	5	22.43	22.46	22.49	0	24
		3	0	22.34	22.24	22.35	0	24
		3	1	22.19	22.26	22.37	0	24
		3	3	22.32	22.23	22.40	0	24
		6	0	21.61	21.60	21.51	1	23
	16QAM	1	0	21.78	21.68	21.76	1	23
		1	2	21.62	21.47	21.63	1	23
		1	5	21.64	21.65	21.53	1	23
		3	0	21.45	21.46	21.46	1	23
		3	1	21.62	21.43	21.61	1	23
		3	3	21.63	21.55	21.60	1	23
		6	0	20.57	20.43	20.58	2	22
	64QAM	1	0	20.55	20.51	20.71	2	22
		1	2	20.54	20.60	20.67	2	22
		1	5	20.58	20.46	20.44	2	22
		3	0	20.47	20.52	20.65	2	22
		3	1	20.46	20.50	20.49	2	22
		3	3	20.43	20.54	20.47	2	22
		6	0	19.34	19.45	19.56	3	21
	256QAM	1	0	17.57	17.49	17.63	5	19
		1	2	17.49	17.55	17.54	5	19
		1	5	17.34	17.42	17.37	5	19
		3	0	17.46	17.53	17.48	5	19
		3	1	17.31	17.47	17.47	5	19
		3	3	17.40	17.37	17.45	5	19
		6	0	17.40	17.38	17.30	5	19

LTE Band 7 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.37	22.50	22.44	0	24
		1	50	22.45	22.55	22.52	0	24
		1	99	22.49	22.57	**22.68**	0	24
		50	0	21.46	21.45	21.53	1	23
		50	25	21.48	21.53	21.68	1	23
		50	50	21.60	21.65	21.63	1	23
		100	0	21.44	21.49	21.57	1	23
	16QAM	1	0	21.64	21.76	21.80	1	23
		1	50	21.78	21.81	21.83	1	23
		1	99	21.74	21.82	21.90	1	23
		50	0	20.52	20.54	20.52	2	22
		50	25	20.48	20.55	20.60	2	22
		50	50	20.59	20.78	20.70	2	22
		100	0	20.53	20.60	20.63	2	22
	64QAM	1	0	20.50	20.51	20.57	2	22
		1	50	20.57	20.71	20.78	2	22
		1	99	20.68	20.76	20.71	2	22
		50	0	19.50	19.59	19.55	3	21
		50	25	19.50	19.66	19.60	3	21
		50	50	19.65	19.70	19.75	3	21
		100	0	19.56	19.65	19.57	3	21
	256QAM	1	0	17.42	17.37	17.59	5	19
		1	50	17.45	17.64	17.61	5	19
		1	99	17.36	17.53	17.61	5	19
		50	0	16.20	16.35	16.42	5	19
		50	25	16.55	16.49	16.53	5	19
		50	50	16.47	16.44	16.47	5	19
		100	0	16.36	16.37	16.39	5	19

BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.31	22.42	22.40	0	24
		1	37	22.37	22.42	22.48	0	24
		1	74	22.44	22.44	22.57	0	24
		36	0	21.32	21.32	21.43	1	23
		36	19	21.37	21.47	21.53	1	23
		36	39	21.48	21.60	21.62	1	23
		75	0	21.38	21.34	21.53	1	23
	16QAM	1	0	21.59	21.71	21.77	1	23
		1	37	21.74	21.80	21.74	1	23
		1	74	21.69	21.70	21.81	1	23
		36	0	20.45	20.51	20.40	2	22
		36	19	20.43	20.44	20.57	2	22
		36	39	20.53	20.75	20.55	2	22
		75	0	20.39	20.49	20.59	2	22
	64QAM	1	0	20.48	20.43	20.54	2	22
		1	37	20.43	20.67	20.65	2	22
		1	74	20.59	20.74	20.61	2	22
		36	0	19.36	19.58	19.46	3	21
		36	19	19.35	19.55	19.52	3	21
		36	39	19.59	19.61	19.73	3	21
		75	0	19.52	19.55	19.48	3	21
	256QAM	1	0	17.29	17.32	17.54	5	19
		1	37	17.39	17.51	17.56	5	19
		1	74	17.27	17.43	17.52	5	19
		36	0	16.17	16.34	16.32	5	19
		36	19	16.43	16.39	16.41	5	19
		36	39	16.44	16.31	16.34	5	19
		75	0	16.34	16.24	16.24	5	19

BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.31	22.43	22.32	0	24
		1	24	22.40	22.41	22.51	0	24
		1	49	22.47	22.49	22.60	0	24
		25	0	21.34	21.39	21.43	1	23
		25	12	21.46	21.47	21.61	1	23
		25	25	21.46	21.55	21.53	1	23
		50	0	21.32	21.45	21.54	1	23
	16QAM	1	0	21.59	21.71	21.67	1	23
		1	24	21.71	21.66	21.76	1	23
		1	49	21.69	21.77	21.80	1	23
		25	0	20.45	20.50	20.41	2	22
		25	12	20.45	20.54	20.54	2	22
		25	25	20.46	20.70	20.63	2	22
		50	0	20.40	20.59	20.49	2	22
	64QAM	1	0	20.49	20.45	20.43	2	22
		1	24	20.46	20.62	20.67	2	22
		1	49	20.57	20.65	20.58	2	22
		25	0	19.41	19.44	19.52	3	21
		25	12	19.43	19.51	19.58	3	21
		25	25	19.52	19.60	19.60	3	21
		50	0	19.42	19.55	19.55	3	21
	256QAM	1	0	17.37	17.26	17.58	5	19
		1	24	17.43	17.52	17.50	5	19
		1	49	17.30	17.45	17.52	5	19
		25	0	16.05	16.27	16.36	5	19
		25	12	16.42	16.48	16.47	5	19
		25	25	16.35	16.32	16.40	5	19
		50	0	16.24	16.27	16.27	5	19

BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.26	22.43	22.33	0	24
		1	12	22.30	22.45	22.48	0	24
		1	24	22.38	22.53	22.56	0	24
		12	0	21.31	21.38	21.40	1	23
		12	6	21.33	21.48	21.54	1	23
		12	13	21.57	21.61	21.58	1	23
		25	0	21.42	21.38	21.47	1	23
	16QAM	1	0	21.55	21.62	21.69	1	23
		1	12	21.69	21.66	21.69	1	23
		1	24	21.63	21.71	21.81	1	23
		12	0	20.48	20.48	20.37	2	22
		12	6	20.40	20.46	20.50	2	22
		12	13	20.53	20.70	20.61	2	22
		25	0	20.40	20.57	20.57	2	22
	64QAM	1	0	20.40	20.47	20.43	2	22
		1	12	20.45	20.62	20.69	2	22
		1	24	20.54	20.71	20.59	2	22
		12	0	19.36	19.47	19.43	3	21
		12	6	19.38	19.58	19.49	3	21
		12	13	19.51	19.59	19.73	3	21
		25	0	19.49	19.54	19.42	3	21
	256QAM	1	0	17.31	17.36	17.48	5	19
		1	12	17.32	17.51	17.50	5	19
		1	24	17.29	17.42	17.55	5	19
		12	0	16.10	16.31	16.28	5	19
		12	6	16.41	16.39	16.42	5	19
		12	13	16.35	16.35	16.34	5	19
		25	0	16.33	16.29	16.33	5	19

LTE Band 12 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23060	23095	23130		
		Frequency (MHz)		704	707.5	711		
10M	QPSK	1	0	22.32	22.23	22.28	0	24
		1	24	22.39	22.26	22.34	0	24
		1	49	**22.42**	22.28	22.34	0	24
		25	0	21.29	21.24	21.31	1	23
		25	12	21.36	21.39	21.31	1	23
		25	25	21.40	21.40	21.35	1	23
		50	0	21.39	21.32	21.38	1	23
	16QAM	1	0	21.51	21.43	21.47	1	23
		1	24	21.53	21.49	21.52	1	23
		1	49	21.54	21.52	21.56	1	23
		25	0	20.36	20.27	20.35	2	22
		25	12	20.47	20.38	20.49	2	22
		25	25	20.47	20.44	20.41	2	22
		50	0	20.44	20.34	20.39	2	22
	64QAM	1	0	20.51	20.37	20.39	2	22
		1	24	20.48	20.48	20.48	2	22
		1	49	20.52	20.56	20.49	2	22
		25	0	19.27	19.29	19.37	3	21
		25	12	19.51	19.33	19.44	3	21
		25	25	19.48	19.37	19.51	3	21
		50	0	19.35	19.42	19.32	3	21
	256QAM	1	0	17.47	17.25	17.28	5	19
		1	24	17.42	17.42	17.35	5	19
		1	49	17.38	17.45	17.38	5	19
		25	0	17.17	17.23	17.36	5	19
		25	12	17.44	17.21	17.40	5	19
		25	25	17.34	17.23	17.37	5	19
		50	0	17.23	17.32	17.24	5	19

BW	Modulation	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
5M	QPSK	1	0	22.30	22.16	22.16	0	24
		1	12	22.29	22.25	22.19	0	24
		1	24	22.39	22.15	22.29	0	24
		12	0	21.23	21.15	21.27	1	23
		12	6	21.25	21.28	21.26	1	23
		12	13	21.29	21.36	21.28	1	23
		25	0	21.24	21.25	21.26	1	23
	16QAM	1	0	21.48	21.28	21.43	1	23
		1	12	21.51	21.38	21.45	1	23
		1	24	21.53	21.37	21.41	1	23
		12	0	20.33	20.22	20.30	2	22
		12	6	20.32	20.34	20.38	2	22
		12	13	20.41	20.43	20.38	2	22
		25	0	20.38	20.29	20.35	2	22
	64QAM	1	0	20.38	20.28	20.34	2	22
		1	12	20.42	20.34	20.36	2	22
		1	24	20.51	20.48	20.42	2	22
		12	0	19.21	19.26	19.23	3	21
		12	6	19.39	19.24	19.33	3	21
		12	13	19.41	19.27	19.47	3	21
		25	0	19.21	19.27	19.21	3	21
	256QAM	1	0	17.42	17.11	17.27	5	19
		1	12	17.32	17.33	17.26	5	19
		1	24	17.37	17.32	17.33	5	19
		12	0	17.05	17.08	17.34	5	19
		12	6	17.42	17.20	17.32	5	19
		12	13	17.31	17.08	17.34	5	19
		25	0	17.13	17.22	17.13	5	19

BW	Modulation	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		700.5	707.5	714.5		
3M	QPSK	1	0	22.24	22.20	22.18	0	24
		1	7	22.25	22.18	22.19	0	24
		1	14	22.37	22.21	22.19	0	24
		8	0	21.21	21.23	21.24	1	23
		8	3	21.35	21.28	21.22	1	23
		8	7	21.37	21.31	21.32	1	23
		15	0	21.30	21.30	21.35	1	23
	16QAM	1	0	21.49	21.37	21.33	1	23
		1	7	21.48	21.48	21.45	1	23
		1	14	21.50	21.46	21.48	1	23
		8	0	20.27	20.18	20.30	2	22
		8	3	20.43	20.34	20.44	2	22
		8	7	20.44	20.41	20.28	2	22
		15	0	20.32	20.31	20.37	2	22
	64QAM	1	0	20.44	20.27	20.28	2	22
		1	7	20.41	20.43	20.41	2	22
		1	14	20.37	20.41	20.37	2	22
		8	0	19.17	19.21	19.28	3	21
		8	3	19.43	19.18	19.34	3	21
		8	7	19.34	19.28	19.47	3	21
		15	0	19.33	19.32	19.31	3	21
	256QAM	1	0	17.40	17.24	17.18	5	19
		1	7	17.29	17.31	17.34	5	19
		1	14	17.30	17.40	17.26	5	19
		8	0	17.08	17.12	17.26	5	19
		8	3	17.35	17.20	17.39	5	19
		8	7	17.19	17.11	17.36	5	19
		15	0	17.21	17.23	17.21	5	19

BW	Modulation	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		699.7	707.5	715.3		
1.4M	QPSK	1	0	22.19	22.08	22.27	0	24
		1	2	22.33	22.11	22.20	0	24
		1	5	22.33	22.18	22.26	0	24
		3	0	21.96	21.97	22.03	0	24
		3	1	22.07	22.11	22.04	0	24
		3	3	22.09	22.18	22.02	0	24
		6	0	21.26	21.22	21.32	1	23
	16QAM	1	0	21.46	21.29	21.45	1	23
		1	2	21.41	21.40	21.38	1	23
		1	5	21.49	21.40	21.52	1	23
		3	0	21.30	21.19	21.29	1	23
		3	1	21.43	21.37	21.46	1	23
		3	3	21.43	21.43	21.40	1	23
		6	0	20.37	20.33	20.26	2	22
	64QAM	1	0	20.50	20.34	20.34	2	22
		1	2	20.43	20.42	20.33	2	22
		1	5	20.51	20.43	20.35	2	22
		3	0	20.12	20.24	20.23	2	22
		3	1	20.50	20.26	20.36	2	22
		3	3	20.45	20.32	20.49	2	22
		6	0	19.23	19.29	19.31	3	21
	256QAM	1	0	17.37	17.12	17.26	5	19
		1	2	17.32	17.30	17.28	5	19
		1	5	17.25	17.36	17.28	5	19
		3	0	17.07	17.14	17.34	5	19
		3	1	17.31	17.18	17.27	5	19
		3	3	17.24	17.08	17.26	5	19
		6	0	17.14	17.30	17.21	5	19

LTE Band 13 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23230		
		Frequency (MHz)		782		
10M	QPSK	1	0	22.54	0	24
		1	24	**22.57**	0	24
		1	49	22.48	0	24
		25	0	21.57	1	23
		25	12	21.55	1	23
		25	25	21.58	1	23
		50	0	21.56	1	23
	16QAM	1	0	21.71	1	23
		1	24	21.73	1	23
		1	49	21.65	1	23
		25	0	20.56	2	22
		25	12	20.60	2	22
		25	25	20.62	2	22
		50	0	20.59	2	22
	64QAM	1	0	20.74	2	22
		1	24	20.80	2	22
		1	49	20.63	2	22
		25	0	19.58	3	21
		25	12	19.56	3	21
		25	25	19.61	3	21
		50	0	19.58	3	21
	256QAM	1	0	17.66	5	19
		1	24	17.65	5	19
		1	49	17.56	5	19
		25	0	17.55	5	19
		25	12	17.41	5	19
		25	25	17.60	5	19
		50	0	17.52	5	19

BW	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		779.5	782	784.5		
5M	QPSK	1	0	22.46	22.48	22.52	0	24
		1	12	22.47	22.46	22.45	0	24
		1	24	22.37	22.47	22.40	0	24
		12	0	21.43	21.53	21.50	1	23
		12	6	21.52	21.42	21.52	1	23
		12	13	21.54	21.47	21.56	1	23
		25	0	21.50	21.43	21.45	1	23
	16QAM	1	0	21.70	21.63	21.67	1	23
		1	12	21.65	21.58	21.67	1	23
		1	24	21.52	21.63	21.53	1	23
		12	0	20.43	20.46	20.55	2	22
		12	6	20.57	20.46	20.56	2	22
		12	13	20.57	20.58	20.56	2	22
		25	0	20.54	20.58	20.53	2	22
	64QAM	1	0	20.71	20.61	20.68	2	22
		1	12	20.78	20.72	20.79	2	22
		1	24	20.56	20.53	20.49	2	22
		12	0	19.50	19.49	19.56	3	21
		12	6	19.51	19.45	19.55	3	21
		12	13	19.50	19.48	19.54	3	21
		25	0	19.45	19.48	19.44	3	21
	256QAM	1	0	17.57	17.65	17.64	5	19
		1	12	17.53	17.57	17.61	5	19
		1	24	17.51	17.41	17.42	5	19
		12	0	17.41	17.52	17.52	5	19
		12	6	17.39	17.30	17.37	5	19
		12	13	17.51	17.45	17.58	5	19
		25	0	17.41	17.43	17.47	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	22.71	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19
BW	Modulation	Channel		23305	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5		
5M	QPSK	1	0	22.54	0	24
		1	12	22.68	0	24
		1	24	22.46	0	24
		12	0	21.57	1	23
		12	6	21.55	1	23
		12	13	21.53	1	23
		25	0	21.49	1	23
	16QAM	1	0	21.61	1	23
		1	12	21.84	1	23
		1	24	21.54	1	23
		12	0	20.60	2	22
		12	6	20.53	2	22
		12	13	20.59	2	22
		25	0	20.64	2	22
	64QAM	1	0	20.79	2	22
		1	12	20.78	2	22
		1	24	20.75	2	22
		12	0	19.59	3	21
		12	6	19.57	3	21
		12	13	19.57	3	21
		25	0	19.47	3	21
	256QAM	1	0	17.77	5	19
		1	12	17.71	5	19
		1	24	17.63	5	19
		12	0	17.43	5	19
		12	6	17.55	5	19
		12	13	17.47	5	19
		25	0	17.40	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	22.66	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.55	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.48	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.58	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.38	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.28	5	19
BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.49	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.49	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.38	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1850	1880	1905		
20M	QPSK	1	0	22.47	22.56	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.46	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.48	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19
BW	Modulation	Channel		26115	26340	26515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19
BW	Modulation	Channel		26090	26340	26540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19
BW	Modulation	Channel		26065	26340	26565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19
BW	Modulation	Channel		26050	26340	26575	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19
BW	Modulation	Channel		26047	26340	26633	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1914.3		
1.4M	QPSK	1	0	22.39	22.51	22.18	0	24
		1	2	22.43	22.51	22.27	0	24
		1	5	22.15	22.31	22.15	0	24
		3	0	22.30	22.41	22.27	0	24
		3	1	22.37	22.41	22.31	0	24
		3	3	22.21	22.23	22.18	0	24
		6	0	21.45	21.53	21.40	1	23
	16QAM	1	0	21.57	21.63	21.43	1	23
		1	2	21.42	21.55	21.36	1	23
		1	5	21.43	21.45	21.31	1	23
		3	0	21.50	21.49	21.25	1	23
		3	1	21.44	21.46	21.29	1	23
		3	3	21.44	21.43	21.39	1	23
		6	0	20.53	20.44	20.39	2	22
	64QAM	1	0	20.56	20.63	20.49	2	22
		1	2	20.31	20.41	20.29	2	22
		1	5	20.27	20.32	20.31	2	22
		3	0	20.49	20.48	20.28	2	22
		3	1	20.48	20.48	20.42	2	22
		3	3	20.48	20.49	20.30	2	22
		6	0	19.43	19.45	19.41	3	21
	256QAM	1	0	17.54	17.48	17.43	5	19
		1	2	17.33	17.21	17.27	5	19
		1	5	17.18	17.30	17.25	5	19
		3	0	17.44	17.33	17.14	5	19
		3	1	17.38	17.50	17.23	5	19
		3	3	17.34	17.42	17.35	5	19
		6	0	17.37	17.47	17.22	5	19

LTE Band 26 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15M	QPSK	1	0	**22.21**	22.08	22.09	0	24
		1	37	22.16	22.08	22.07	0	24
		1	74	22.07	22.05	22.05	0	24
		36	0	21.13	21.13	21.18	1	23
		36	19	21.19	21.15	21.18	1	23
		36	39	21.28	21.26	21.22	1	23
		75	0	21.20	21.14	21.25	1	23
	16QAM	1	0	21.36	21.34	21.29	1	23
		1	37	21.32	21.23	21.18	1	23
		1	74	21.18	21.23	21.18	1	23
		36	0	20.25	20.19	20.17	2	22
		36	19	20.21	20.21	20.15	2	22
		36	39	20.24	20.25	20.28	2	22
		75	0	20.25	20.25	20.26	2	22
	64QAM	1	0	20.27	20.29	20.28	2	22
		1	37	20.38	20.24	20.37	2	22
		1	74	20.30	20.28	20.28	2	22
		36	0	19.16	19.24	19.17	3	21
		36	19	19.21	19.12	19.18	3	21
		36	39	19.22	19.26	19.26	3	21
		75	0	19.32	19.20	19.29	3	21
	256QAM	1	0	17.25	17.16	17.14	5	19
		1	37	17.26	17.14	17.33	5	19
		1	74	17.28	17.15	17.18	5	19
		36	0	17.01	17.21	17.06	5	19
		36	19	17.10	17.06	17.17	5	19
		36	39	17.07	17.12	17.23	5	19
		75	0	17.20	17.12	17.19	5	19
BW	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10M	QPSK	1	0	22.14	22.00	22.05	0	24
		1	24	22.05	22.02	21.96	0	24
		1	49	21.95	21.93	22.04	0	24
		25	0	21.04	21.05	21.03	1	23
		25	12	21.09	21.00	21.14	1	23
		25	25	21.17	21.20	21.17	1	23
		50	0	21.19	21.06	21.14	1	23
	16QAM	1	0	21.29	21.29	21.19	1	23
		1	24	21.25	21.20	21.14	1	23
		1	49	21.15	21.18	21.16	1	23
		25	0	20.18	20.09	20.03	2	22
		25	12	20.09	20.08	20.07	2	22
		25	25	20.14	20.23	20.17	2	22
		50	0	20.22	20.22	20.12	2	22
	64QAM	1	0	20.13	20.28	20.25	2	22
		1	24	20.26	20.15	20.27	2	22
		1	49	20.28	20.19	20.14	2	22
		25	0	19.03	19.20	19.11	3	21
		25	12	19.14	19.02	19.05	3	21
		25	25	19.11	19.11	19.22	3	21
		50	0	19.24	19.25	19.17	3	21
	256QAM	1	0	17.10	17.09	17.05	5	19
		1	24	17.12	17.04	17.21	5	19
		1	49	17.23	17.06	17.16	5	19
		25	0	16.98	17.20	16.97	5	19
		25	12	17.02	16.97	17.02	5	19
		25	25	17.05	17.11	17.18	5	19
		50	0	17.11	16.98	17.06	5	19
BW	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5M	QPSK	1	0	22.16	21.94	21.97	0	24
		1	12	22.03	21.94	21.96	0	24
		1	24	21.97	21.96	21.91	0	24
		12	0	21.10	21.01	21.12	1	23
		12	6	21.06	21.10	21.17	1	23
		12	13	21.03	21.13	21.14	1	23
		25	0	21.12	21.10	21.20	1	23
	16QAM	1	0	21.28	21.27	21.14	1	23
		1	12	21.25	21.18	21.04	1	23
		1	24	21.09	21.11	21.15	1	23
		12	0	20.10	20.08	20.07	2	22
		12	6	20.15	20.09	20.14	2	22
		12	13	20.15	20.14	20.24	2	22
		25	0	20.19	20.12	20.18	2	22
	64QAM	1	0	20.18	20.16	20.17	2	22
		1	12	20.27	20.09	20.26	2	22
		1	24	20.27	20.26	20.21	2	22
		12	0	19.11	19.21	19.04	3	21
		12	6	19.14	19.03	19.14	3	21
		12	13	19.08	19.21	19.11	3	21
		25	0	19.24	19.13	19.27	3	21
	256QAM	1	0	17.13	17.07	17.12	5	19
		1	12	17.22	17.03	17.20	5	19
		1	24	17.21	17.01	17.14	5	19
		12	0	16.99	17.16	17.01	5	19
		12	6	16.97	17.04	17.05	5	19
		12	13	17.02	17.00	17.09	5	19
		25	0	17.10	17.01	17.12	5	19
BW	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3M	QPSK	1	0	22.20	22.07	22.05	0	24
		1	7	22.14	22.02	22.06	0	24
		1	14	22.00	21.97	22.04	0	24
		8	0	20.99	21.06	21.16	1	23
		8	3	21.05	21.13	21.09	1	23
		8	7	21.16	21.14	21.26	1	23
		15	0	21.12	21.05	21.18	1	23
	16QAM	1	0	21.23	21.25	21.14	1	23
		1	7	21.29	21.11	21.08	1	23
		1	14	21.17	21.22	21.13	1	23
		8	0	20.16	20.07	20.11	2	22
		8	3	20.17	20.06	20.08	2	22
		8	7	20.12	20.24	20.18	2	22
		15	0	20.12	20.18	20.25	2	22
	64QAM	1	0	20.16	20.27	20.19	2	22
		1	7	20.28	20.20	20.28	2	22
		1	14	20.29	20.16	20.14	2	22
		8	0	19.06	19.16	19.02	3	21
		8	3	19.13	19.02	19.14	3	21
		8	7	19.18	19.16	19.15	3	21
		15	0	19.28	19.12	19.17	3	21
	256QAM	1	0	17.16	17.04	17.12	5	19
		1	7	17.22	17.03	17.22	5	19
		1	14	17.23	17.00	17.09	5	19
		8	0	16.88	17.09	17.00	5	19
		8	3	16.96	16.96	17.13	5	19
		8	7	16.96	16.99	17.20	5	19
		15	0	17.11	16.98	17.04	5	19
BW	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4M	QPSK	1	0	22.16	22.00	21.98	0	24
		1	2	22.12	22.00	22.01	0	24
		1	5	22.02	21.95	21.91	0	24
		3	0	21.91	21.83	21.85	0	24
		3	1	21.84	21.87	21.90	0	24
		3	3	21.88	21.94	22.00	0	24
		6	0	21.13	21.05	21.21	1	23
	16QAM	1	0	21.28	21.28	21.23	1	23
		1	2	21.24	21.11	21.05	1	23
		1	5	21.04	21.13	21.09	1	23
		3	0	21.16	21.10	21.04	1	23
		3	1	21.13	21.08	21.14	1	23
		3	3	21.17	21.21	21.22	1	23
		6	0	20.17	20.22	20.22	2	22
	64QAM	1	0	20.19	20.26	20.20	2	22
		1	2	20.32	20.22	20.25	2	22
		1	5	20.26	20.13	20.21	2	22
		3	0	20.08	20.23	20.06	2	22
		3	1	20.09	20.11	20.14	2	22
		3	3	20.10	20.16	20.20	2	22
		6	0	19.29	19.12	19.22	3	21
	256QAM	1	0	17.17	17.05	17.11	5	19
		1	2	17.11	16.99	17.28	5	19
		1	5	17.27	17.01	17.08	5	19
		3	0	16.96	17.06	17.03	5	19
		3	1	17.08	16.98	17.04	5	19
		3	3	17.02	17.08	17.11	5	19
		6	0	17.08	16.97	17.14	5	19

LTE Band 30 (Ant10)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		27710		
		Frequency (MHz)		2310		
10M	QPSK	1	0	23.08	0	24
		1	24	**23.16**	0	24
		1	49	23.09	0	24
		25	0	22.11	1	23
		25	12	22.13	1	23
		25	25	22.12	1	23
		50	0	22.11	1	23
	16QAM	1	0	22.27	1	23
		1	24	22.36	1	23
		1	49	22.24	1	23
		25	0	21.15	2	22
		25	12	21.20	2	22
		25	25	21.13	2	22
		50	0	21.13	2	22
	64QAM	1	0	21.21	2	22
		1	24	21.31	2	22
		1	49	21.25	2	22
		25	0	20.14	3	21
		25	12	20.19	3	21
		25	25	20.14	3	21
		50	0	20.12	3	21
	256QAM	1	0	18.20	5	19
		1	24	18.29	5	19
		1	49	18.22	5	19
		25	0	18.10	5	19
		25	12	18.14	5	19
		25	25	18.02	5	19
		50	0	18.08	5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	23.01	22.99	23.03	0	24
		1	12	23.02	23.15	23.08	0	24
		1	24	22.99	23.07	22.97	0	24
		12	0	22.10	22.06	22.00	1	23
		12	6	22.03	22.07	21.99	1	23
		12	13	22.07	21.99	22.00	1	23
		25	0	22.01	22.00	22.09	1	23
	16QAM	1	0	22.23	22.19	22.21	1	23
		1	12	22.35	22.23	22.29	1	23
		1	24	22.09	22.18	22.10	1	23
		12	0	21.01	21.12	21.08	2	22
		12	6	21.16	21.12	21.16	2	22
		12	13	21.03	21.10	20.99	2	22
		25	0	21.08	21.11	21.05	2	22
	64QAM	1	0	21.12	21.10	21.07	2	22
		1	12	21.21	21.21	21.26	2	22
		1	24	21.18	21.16	21.13	2	22
		12	0	20.08	20.01	20.11	3	21
		12	6	20.09	20.12	20.14	3	21
		12	13	20.13	19.99	20.07	3	21
		25	0	20.08	20.11	20.01	3	21
	256QAM	1	0	18.16	18.16	18.13	5	19
		1	12	18.20	18.27	18.19	5	19
		1	24	18.17	18.15	18.18	5	19
		12	0	18.08	18.09	17.97	5	19
		12	6	18.09	18.08	18.01	5	19
		12	13	17.92	17.99	18.01	5	19
		25	0	17.94	18.02	17.94	5	19

LTE Band 38 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20M	QPSK	1	0	22.49	22.59	22.72	0	24
		1	50	22.62	22.64	**22.79**	0	24
		1	99	22.54	22.61	22.65	0	24
		50	0	21.53	21.60	21.70	1	23
		50	25	21.62	21.65	21.76	1	23
		50	50	21.69	21.67	21.80	1	23
		100	0	21.70	21.77	21.79	1	23
	16QAM	1	0	21.57	21.56	21.63	1	23
		1	50	21.59	21.64	21.70	1	23
		1	99	21.56	21.70	21.73	1	23
		50	0	20.54	20.66	20.63	2	22
		50	25	20.68	20.69	20.72	2	22
		50	50	20.64	20.72	20.74	2	22
		100	0	20.61	20.72	20.70	2	22
	64QAM	1	0	20.58	20.62	20.62	2	22
		1	50	20.63	20.73	20.77	2	22
		1	99	20.61	20.68	20.74	2	22
		50	0	19.57	19.59	19.69	3	21
		50	25	19.67	19.71	19.77	3	21
		50	50	19.71	19.79	19.79	3	21
		100	0	19.65	19.80	19.83	3	21
	256QAM	1	0	17.55	17.60	17.65	5	19
		1	50	17.68	17.70	17.77	5	19
		1	99	17.55	17.50	17.48	5	19
		50	0	17.46	17.61	17.68	5	19
		50	25	17.59	17.65	17.81	5	19
		50	50	17.67	17.81	17.90	5	19
		100	0	17.57	17.80	17.70	5	19
BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	22.35	22.44	22.58	0	24
		1	37	22.58	22.61	22.77	0	24
		1	74	22.48	22.51	22.57	0	24
		36	0	21.39	21.49	21.69	1	23
		36	19	21.50	21.59	21.72	1	23
		36	39	21.62	21.59	21.70	1	23
		75	0	21.56	21.74	21.76	1	23
	16QAM	1	0	21.51	21.49	21.52	1	23
		1	37	21.51	21.50	21.68	1	23
		1	74	21.44	21.68	21.65	1	23
		36	0	20.48	20.63	20.48	2	22
		36	19	20.65	20.56	20.71	2	22
		36	39	20.53	20.63	20.65	2	22
		75	0	20.56	20.60	20.62	2	22
	64QAM	1	0	20.46	20.49	20.52	2	22
		1	37	20.56	20.64	20.66	2	22
		1	74	20.48	20.58	20.65	2	22
		36	0	19.45	19.46	19.54	3	21
		36	19	19.52	19.70	19.72	3	21
		36	39	19.65	19.69	19.76	3	21
		75	0	19.58	19.67	19.72	3	21
	256QAM	1	0	17.54	17.58	17.56	5	19
		1	37	17.56	17.64	17.68	5	19
		1	74	17.52	17.41	17.41	5	19
		36	0	17.42	17.46	17.55	5	19
		36	19	17.50	17.63	17.76	5	19
		36	39	17.60	17.72	17.85	5	19
		75	0	17.54	17.75	17.55	5	19
BW	Modulation	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615		
10M	QPSK	1	0	22.44	22.51	22.66	0	24
		1	24	22.50	22.50	22.64	0	24
		1	49	22.48	22.49	22.60	0	24
		25	0	21.43	21.58	21.67	1	23
		25	12	21.57	21.55	21.69	1	23
		25	25	21.66	21.52	21.65	1	23
		50	0	21.55	21.64	21.75	1	23
	16QAM	1	0	21.53	21.49	21.56	1	23
		1	24	21.52	21.55	21.59	1	23
		1	49	21.53	21.65	21.59	1	23
		25	0	20.53	20.61	20.59	2	22
		25	12	20.60	20.63	20.71	2	22
		25	25	20.54	20.62	20.72	2	22
		50	0	20.47	20.67	20.59	2	22
	64QAM	1	0	20.45	20.54	20.59	2	22
		1	24	20.54	20.63	20.64	2	22
		1	49	20.49	20.63	20.71	2	22
		25	0	19.45	19.54	19.67	3	21
		25	12	19.64	19.59	19.70	3	21
		25	25	19.65	19.70	19.64	3	21
		50	0	19.59	19.70	19.74	3	21
	256QAM	1	0	17.42	17.47	17.61	5	19
		1	24	17.67	17.61	17.66	5	19
		1	49	17.48	17.37	17.35	5	19
		25	0	17.36	17.57	17.55	5	19
		25	12	17.44	17.52	17.70	5	19
		25	25	17.65	17.74	17.80	5	19
		50	0	17.54	17.69	17.63	5	19
BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	22.46	22.52	22.68	0	24
		1	12	22.47	22.50	22.68	0	24
		1	24	22.43	22.53	22.63	0	24
		12	0	21.38	21.52	21.64	1	23
		12	6	21.48	21.57	21.66	1	23
		12	13	21.65	21.52	21.69	1	23
		25	0	21.62	21.65	21.78	1	23
	16QAM	1	0	21.51	21.42	21.52	1	23
		1	12	21.44	21.59	21.61	1	23
		1	24	21.45	21.55	21.60	1	23
		12	0	20.46	20.65	20.54	2	22
		12	6	20.59	20.66	20.63	2	22
		12	13	20.50	20.60	20.71	2	22
		25	0	20.57	20.64	20.64	2	22
	64QAM	1	0	20.54	20.60	20.48	2	22
		1	12	20.58	20.67	20.75	2	22
		1	24	20.58	20.66	20.72	2	22
		12	0	19.45	19.44	19.61	3	21
		12	6	19.53	19.65	19.67	3	21
		12	13	19.63	19.70	19.65	3	21
		25	0	19.51	19.78	19.82	3	21
	256QAM	1	0	17.41	17.54	17.61	5	19
		1	12	17.60	17.69	17.67	5	19
		1	24	17.49	17.38	17.39	5	19
		12	0	17.45	17.48	17.66	5	19
		12	6	17.49	17.61	17.77	5	19
		12	13	17.59	17.75	17.76	5	19
		25	0	17.54	17.73	17.63	5	19

LTE Band 41 (2496 ~ 2690MHz) (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.06	23.06	23.26	23.23	**23.30**	0	24
		1	50	23.02	22.88	23.05	23.12	23.12	0	24
		1	99	23.06	22.95	23.22	23.24	23.29	0	24
		50	0	22.06	21.97	22.19	22.23	22.24	1	23
		50	25	21.99	21.91	22.10	22.22	22.15	1	23
		50	50	22.01	21.89	22.15	22.09	22.21	1	23
		100	0	22.01	21.97	22.10	22.22	22.26	1	23
	16QAM	1	0	22.12	22.02	22.22	22.18	22.26	1	23
		1	50	22.07	21.98	22.25	22.18	22.28	1	23
		1	99	22.11	22.03	22.24	22.22	22.31	1	23
		50	0	20.99	21.03	21.21	21.11	21.24	2	22
		50	25	21.10	21.00	21.20	21.22	21.28	2	22
		50	50	21.00	20.98	21.11	21.11	21.20	2	22
		100	0	21.13	20.98	21.19	21.27	21.29	2	22
	64QAM	1	0	20.94	20.82	21.06	21.04	21.15	2	22
		1	50	20.97	20.86	21.04	21.06	21.18	2	22
		1	99	21.22	21.03	21.30	21.27	21.33	2	22
		50	0	20.06	19.94	20.11	20.16	20.13	3	21
		50	25	20.14	20.06	20.29	20.20	20.20	3	21
		50	50	20.00	19.90	20.17	20.17	20.24	3	21
		100	0	20.14	20.01	20.19	20.17	20.23	3	21
	256QAM	1	0	17.94	17.82	18.06	18.04	18.15	5	19
		1	50	17.97	17.86	18.04	18.06	18.18	5	19
		1	99	18.22	18.03	18.30	18.27	18.33	5	19
		50	0	18.06	17.94	18.11	18.16	18.13	5	19
		50	25	18.14	18.06	18.29	18.20	18.20	5	19
		50	50	18.00	17.90	18.17	18.17	18.24	5	19
		100	0	18.14	18.01	18.19	18.17	18.23	5	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	22.90	22.93	23.13	23.11	23.18	0	24
		1	37	22.93	22.75	22.92	23.04	23.08	0	24
		1	74	22.96	22.82	23.13	23.19	23.26	0	24
		36	0	22.03	21.93	22.04	22.15	22.09	1	23
		36	19	21.91	21.82	22.06	22.20	22.05	1	23
		36	39	21.96	21.88	22.04	22.02	22.08	1	23
		75	0	21.87	21.94	22.06	22.12	22.16	1	23
	16QAM	1	0	22.00	21.98	22.12	22.05	22.20	1	23
		1	37	22.06	21.88	22.11	22.15	22.22	1	23
		1	74	22.09	22.01	22.19	22.09	22.25	1	23
		36	0	20.95	20.93	21.11	21.00	21.14	2	22
		36	19	20.96	20.99	21.05	21.17	21.25	2	22
		36	39	20.88	20.87	21.01	21.04	21.11	2	22
		75	0	21.07	20.96	21.06	21.12	21.19	2	22
	64QAM	1	0	20.80	20.81	21.04	21.01	21.01	2	22
		1	37	20.87	20.73	20.93	20.98	21.08	2	22
		1	74	21.13	20.92	21.29	21.19	21.21	2	22
		36	0	19.91	19.86	19.98	20.07	20.06	3	21
		36	19	20.06	19.91	20.14	20.12	20.09	3	21
		36	39	19.96	19.81	20.05	20.02	20.12	3	21
		75	0	20.07	19.95	20.17	20.05	20.10	3	21
	256QAM	1	0	17.84	17.72	17.91	17.89	18.14	5	19
		1	37	17.89	17.83	17.93	17.92	18.14	5	19
		1	74	18.16	18.01	18.16	18.24	18.22	5	19
		36	0	18.05	17.83	18.00	18.14	17.98	5	19
		36	19	18.10	17.93	18.22	18.17	18.10	5	19
		36	39	17.88	17.75	18.06	18.15	18.13	5	19
		75	0	18.05	17.96	18.17	18.14	18.12	5	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	22.91	22.98	23.11	23.11	23.18	0	24
		1	24	23.00	22.78	22.98	23.11	23.03	0	24
		1	49	23.05	22.91	23.17	23.17	23.16	0	24
		25	0	21.99	21.88	21.96	22.13	22.14	1	23
		25	12	21.96	21.83	22.12	22.21	22.01	1	23
		25	25	21.91	21.85	22.09	21.97	22.13	1	23
		50	0	21.94	21.83	22.09	22.18	22.25	1	23
	16QAM	1	0	22.00	22.00	22.13	22.13	22.25	1	23
		1	24	21.92	21.95	22.14	22.10	22.13	1	23
		1	49	21.96	21.90	22.18	22.07	22.28	1	23
		25	0	20.88	20.98	21.10	21.01	21.19	2	22
		25	12	20.99	20.98	21.14	21.10	21.18	2	22
		25	25	20.95	20.85	21.02	20.98	21.10	2	22
		50	0	21.10	20.83	21.10	21.25	21.21	2	22
	64QAM	1	0	20.93	20.77	20.99	20.99	21.02	2	22
		1	24	20.82	20.82	21.01	21.05	21.11	2	22
		1	49	21.13	20.94	21.24	21.16	21.19	2	22
		25	0	20.01	19.86	19.99	20.01	20.05	3	21
		25	12	20.08	19.94	20.14	20.07	20.18	3	21
		25	25	19.91	19.78	20.15	20.02	20.16	3	21
		50	0	20.10	19.94	20.08	20.07	20.18	3	21
	256QAM	1	0	17.91	17.81	17.95	18.03	18.13	5	19
		1	24	17.94	17.82	18.01	18.03	18.15	5	19
		1	49	18.17	18.02	18.22	18.18	18.30	5	19
		25	0	18.04	17.83	17.97	18.04	17.98	5	19
		25	12	18.09	18.05	18.27	18.14	18.19	5	19
		25	25	17.89	17.79	18.08	18.08	18.19	5	19
		50	0	18.00	17.94	18.07	18.10	18.20	5	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	22.90	22.96	23.18	23.18	23.27	0	24
		1	12	22.92	22.81	23.01	23.08	23.04	0	24
		1	24	22.94	22.85	23.15	23.18	23.18	0	24
		12	0	22.04	21.90	22.08	22.14	22.10	1	23
		12	6	21.89	21.80	22.14	22.08	22.14	1	23
		12	13	22.00	21.81	22.07	21.97	22.12	1	23
		25	0	21.87	21.94	22.06	22.21	22.12	1	23
	16QAM	1	0	22.11	21.87	22.14	22.06	22.24	1	23
		1	12	21.94	21.92	22.18	22.14	22.25	1	23
		1	24	21.96	21.97	22.15	22.11	22.22	1	23
		12	0	20.87	21.02	21.19	20.99	21.19	2	22
		12	6	21.04	20.88	21.05	21.14	21.22	2	22
		12	13	20.92	20.85	21.03	21.04	21.09	2	22
		25	0	21.10	20.97	21.06	21.16	21.24	2	22
	64QAM	1	0	20.83	20.73	21.00	20.89	21.09	2	22
		1	12	20.91	20.72	20.96	21.05	21.13	2	22
		1	24	21.12	20.95	21.17	21.16	21.24	2	22
		12	0	20.02	19.81	20.00	20.09	20.04	3	21
		12	6	20.08	20.03	20.14	20.07	20.11	3	21
		12	13	19.94	19.77	20.09	20.09	20.23	3	21
		25	0	20.12	19.86	20.14	20.10	20.19	3	21
	256QAM	1	0	17.92	17.69	18.03	17.94	18.02	5	19
		1	12	17.90	17.74	17.97	17.91	18.03	5	19
		1	24	18.16	17.98	18.16	18.16	18.30	5	19
		12	0	18.05	17.91	18.09	18.02	18.07	5	19
		12	6	18.01	17.91	18.17	18.10	18.09	5	19
		12	13	17.91	17.78	18.05	18.12	18.17	5	19
		25	0	17.99	17.91	18.17	18.04	18.15	5	19

LTE Band 42 Part27Q (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		42190	42590	42990		
		Frequence (MHz)		3460	3500	3540		
20M	QPSK	1	0	22.03	**22.14**	22.09	0	23
		1	50	21.85	22.12	22.02	0	23
		1	99	21.78	21.89	21.84	0	23
		50	0	20.98	21.23	21.16	1	22
		50	25	20.75	21.17	21.03	1	22
		50	50	20.89	21.15	21.02	1	22
		100	0	20.84	20.96	20.94	1	22
	16QAM	1	0	20.85	21.12	20.99	1	22
		1	50	20.91	21.01	20.91	1	22
		1	99	20.65	20.94	20.91	1	22
		50	0	19.96	20.10	19.99	2	21
		50	25	19.83	20.04	19.93	2	21
		50	50	19.80	20.08	19.96	2	21
		100	0	19.86	20.08	19.93	2	21
	64QAM	1	0	20.01	20.10	19.96	2	21
		1	50	19.94	20.27	20.16	2	21
		1	99	19.79	19.95	19.80	2	21
		50	0	19.01	19.15	18.96	3	20
		50	25	18.91	18.96	19.00	3	20
		50	50	18.88	19.12	18.91	3	20
		100	0	18.87	19.00	19.09	3	20
	256QAM	1	0	16.84	17.17	16.88	5	18
		1	50	16.86	17.08	17.03	5	18
		1	99	16.71	16.85	16.62	5	18
		50	0	16.94	17.04	16.90	5	18
		50	25	16.70	16.91	16.90	5	18
		50	50	16.85	17.06	16.79	5	18
		100	0	16.90	16.95	16.91	5	18
BW	MCS Index	Channel		42165	42590	43015	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5		
15M	QPSK	1	0	21.97	22.01	22.02	0	23
		1	37	21.77	22.00	21.98	0	23
		1	74	21.74	21.87	21.72	0	23
		36	0	20.83	20.88	21.15	1	22
		36	19	20.60	21.06	20.91	1	22
		36	39	20.85	21.13	20.90	1	22
		75	0	20.70	20.88	20.87	1	22
	16QAM	1	0	20.71	21.08	20.90	1	22
		1	37	20.77	20.91	20.80	1	22
		1	74	20.52	20.84	20.87	1	22
		36	0	19.83	19.97	19.84	2	21
		36	19	19.71	20.01	19.83	2	21
		36	39	19.79	20.01	19.89	2	21
		75	0	19.82	20.03	19.81	2	21
	64QAM	1	0	19.88	19.96	19.92	2	21
		1	37	19.84	20.17	20.05	2	21
		1	74	19.66	19.88	19.79	2	21
		36	0	18.87	19.06	18.87	3	20
		36	19	18.89	18.94	18.89	3	20
		36	39	18.81	19.08	18.88	3	20
		75	0	18.79	18.98	19.07	3	20
	256QAM	1	0	16.78	17.13	16.78	5	18
		1	37	16.73	16.95	17.01	5	18
		1	74	16.65	16.84	16.50	5	18
		36	0	16.86	16.95	16.85	5	18
		36	19	16.57	16.89	16.86	5	18
		36	39	16.79	17.01	16.65	5	18
		75	0	16.82	16.89	16.81	5	18
BW	MCS Index	Channel		42140	42590	43040	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3455	3500	3545		
10M	QPSK	1	0	22.02	22.08	22.02	0	23
		1	24	21.72	22.04	21.98	0	23
		1	49	21.75	21.87	21.81	0	23
		25	0	20.87	20.94	21.15	1	22
		25	12	20.66	21.06	20.97	1	22
		25	25	20.85	21.20	21.00	1	22
		50	0	20.76	20.82	20.91	1	22
	16QAM	1	0	20.76	20.97	20.86	1	22
		1	24	20.80	20.96	20.85	1	22
		1	49	20.52	20.93	20.81	1	22
		25	0	19.88	20.06	19.86	2	21
		25	12	19.72	19.94	19.79	2	21
		25	25	19.65	20.04	19.92	2	21
		50	0	19.84	20.05	19.81	2	21
	64QAM	1	0	19.99	20.02	19.83	2	21
		1	24	19.84	20.23	20.12	2	21
		1	49	19.72	19.84	19.67	2	21
		25	0	18.89	19.04	18.93	3	20
		25	12	18.77	18.87	18.92	3	20
		25	25	18.84	19.08	18.77	3	20
		50	0	18.72	18.88	19.02	3	20
	256QAM	1	0	16.82	17.03	16.85	5	18
		1	24	16.71	16.94	16.98	5	18
		1	49	16.59	16.76	16.51	5	18
		25	0	16.89	16.90	16.76	5	18
		25	12	16.57	16.88	16.80	5	18
		25	25	16.82	16.92	16.66	5	18
		50	0	16.80	16.84	16.85	5	18
BW	MCS Index	Channel		42115	42590	43065	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5		
5M	QPSK	1	0	22.02	22.02	22.05	0	23
		1	12	21.84	22.08	21.97	0	23
		1	24	21.66	21.80	21.71	0	23
		12	0	20.96	20.88	21.06	1	22
		12	6	20.64	21.07	20.99	1	22
		12	13	20.81	21.10	20.91	1	22
		25	0	20.80	20.86	20.88	1	22
	16QAM	1	0	20.72	20.99	20.98	1	22
		1	12	20.85	20.88	20.85	1	22
		1	24	20.62	20.92	20.90	1	22
		12	0	19.88	20.02	19.88	2	21
		12	6	19.73	19.90	19.84	2	21
		12	13	19.70	20.05	19.88	2	21
		25	0	19.84	20.02	19.86	2	21
	64QAM	1	0	19.86	19.98	19.84	2	21
		1	12	19.83	20.25	20.11	2	21
		1	24	19.65	19.90	19.71	2	21
		12	0	18.88	19.11	18.93	3	20
		12	6	18.81	18.84	18.91	3	20
		12	13	18.73	19.03	18.79	3	20
		25	0	18.77	18.96	18.96	3	20
	256QAM	1	0	16.72	17.16	16.75	5	18
		1	12	16.81	17.00	16.90	5	18
		1	24	16.70	16.72	16.61	5	18
		12	0	16.83	16.89	16.78	5	18
		12	6	16.55	16.84	16.88	5	18
		12	13	16.83	16.94	16.67	5	18
		25	0	16.88	16.91	16.86	5	18

LTE Band 43 for FCC (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequence (MHz)		3610	3650	3690		
20M	QPSK	1	0	**22.11**	21.97	21.98	0	23
		1	50	22.00	21.99	21.85	0	23
		1	99	21.77	21.91	21.75	0	23
		50	0	21.05	21.08	21.03	1	22
		50	25	21.00	21.02	21.05	1	22
		50	50	20.95	20.86	20.96	1	22
		100	0	21.06	21.02	21.06	1	22
	16QAM	1	0	21.14	21.03	21.00	1	22
		1	50	20.92	20.96	20.84	1	22
		1	99	20.97	20.87	20.81	1	22
		50	0	20.08	20.09	19.92	2	21
		50	25	19.96	20.00	19.94	2	21
		50	50	20.08	19.95	19.91	2	21
		100	0	20.00	19.89	19.85	2	21
	64QAM	1	0	19.95	20.00	20.03	2	21
		1	50	19.94	19.92	19.75	2	21
		1	99	19.84	19.81	19.71	2	21
		50	0	19.11	19.05	19.15	3	20
		50	25	19.00	19.06	18.96	3	20
		50	50	19.03	18.91	18.93	3	20
		100	0	19.07	18.98	18.96	3	20
	256QAM	1	0	17.01	17.01	17.02	5	18
		1	50	16.97	16.97	16.79	5	18
		1	99	16.89	16.86	16.64	5	18
		50	0	17.05	17.05	17.02	5	18
		50	25	17.13	17.06	17.05	5	18
		50	50	17.05	17.02	16.99	5	18
		100	0	17.04	16.86	17.06	5	18
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3607.5	3650	3692.5		
15M	QPSK	1	0	22.02	21.86	21.93	0	23
		1	37	21.87	21.91	21.84	0	23
		1	74	21.73	21.84	21.70	0	23
		36	0	20.96	20.94	20.98	1	22
		36	19	20.92	20.96	20.94	1	22
		36	39	20.90	20.85	20.90	1	22
		75	0	21.01	20.97	21.04	1	22
	16QAM	1	0	20.99	21.00	20.99	1	22
		1	37	20.84	20.93	20.78	1	22
		1	74	20.85	20.79	20.70	1	22
		36	0	20.06	20.06	19.83	2	21
		36	19	19.86	19.93	19.89	2	21
		36	39	19.93	19.89	19.88	2	21
		75	0	19.89	19.83	19.82	2	21
	64QAM	1	0	19.92	19.96	19.90	2	21
		1	37	19.81	19.90	19.68	2	21
		1	74	19.70	19.68	19.69	2	21
		36	0	18.99	18.97	19.04	3	20
		36	19	18.98	19.02	18.89	3	20
		36	39	19.01	18.77	18.80	3	20
		75	0	18.97	18.93	18.92	3	20
	256QAM	1	0	16.92	16.89	16.99	5	18
		1	37	16.86	16.85	16.70	5	18
		1	74	16.77	16.79	16.62	5	18
		36	0	16.91	16.99	16.89	5	18
		36	19	17.07	17.05	16.98	5	18
		36	39	17.00	16.92	16.92	5	18
		75	0	16.95	16.75	17.02	5	18
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3605	3650	3695		
10M	QPSK	1	0	22.08	21.83	21.96	0	23
		1	24	21.92	21.86	21.71	0	23
		1	49	21.74	21.86	21.73	0	23
		25	0	20.94	20.99	20.91	1	22
		25	12	20.96	20.98	20.92	1	22
		25	25	20.80	20.76	20.81	1	22
		50	0	20.91	20.92	21.05	1	22
	16QAM	1	0	21.11	20.91	20.85	1	22
		1	24	20.82	20.82	20.73	1	22
		1	49	20.85	20.84	20.75	1	22
		25	0	20.06	19.94	19.78	2	21
		25	12	19.95	19.94	19.80	2	21
		25	25	19.96	19.91	19.80	2	21
		50	0	19.93	19.76	19.80	2	21
	64QAM	1	0	19.94	19.94	19.95	2	21
		1	24	19.84	19.86	19.69	2	21
		1	49	19.73	19.80	19.67	2	21
		25	0	19.08	18.95	19.11	3	20
		25	12	18.89	18.94	18.91	3	20
		25	25	18.97	18.84	18.85	3	20
		50	0	19.00	18.87	18.94	3	20
	256QAM	1	0	16.87	16.87	16.89	5	18
		1	24	16.96	16.93	16.76	5	18
		1	49	16.76	16.84	16.63	5	18
		25	0	16.95	16.91	16.88	5	18
		25	12	17.03	16.97	16.92	5	18
		25	25	16.92	16.89	16.98	5	18
		50	0	16.89	16.75	16.97	5	18
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3602.5	3650	3697.5		
5M	QPSK	1	0	22.07	21.89	21.85	0	23
		1	12	21.85	21.97	21.78	0	23
		1	24	21.68	21.90	21.72	0	23
		12	0	20.98	21.07	20.91	1	22
		12	6	20.92	20.90	21.01	1	22
		12	13	20.80	20.77	20.87	1	22
		25	0	21.05	20.95	20.95	1	22
	16QAM	1	0	21.00	21.02	20.87	1	22
		1	12	20.89	20.93	20.82	1	22
		1	24	20.91	20.79	20.66	1	22
		12	0	20.03	20.06	19.82	2	21
		12	6	19.85	19.86	19.91	2	21
		12	13	19.97	19.84	19.90	2	21
		25	0	19.99	19.84	19.71	2	21
	64QAM	1	0	19.83	19.87	19.98	2	21
		1	12	19.90	19.91	19.64	2	21
		1	24	19.69	19.76	19.58	2	21
		12	0	19.03	19.04	19.14	3	20
		12	6	18.90	19.04	18.91	3	20
		12	13	19.02	18.83	18.82	3	20
		25	0	19.04	18.97	18.89	3	20
	256QAM	1	0	16.88	16.88	16.98	5	18
		1	12	16.93	16.87	16.78	5	18
		1	24	16.74	16.72	16.51	5	18
		12	0	17.03	16.95	16.94	5	18
		12	6	17.12	16.94	16.96	5	18
		12	13	16.97	16.89	16.96	5	18
		25	0	16.99	16.84	16.96	5	18

LTE Band 48 for SAR (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640		
		Frequence (MHz)		3560	3609	3641	3690		
20M	QPSK	1	0	21.99	21.85	22.07	22.11	0	23
		1	50	22.03	22.04	22.10	**22.24**	0	23
		1	99	21.84	21.84	21.93	22.02	0	23
		50	0	21.06	21.10	21.22	21.26	1	22
		50	25	20.97	21.05	21.22	21.10	1	22
		50	50	21.03	20.95	21.12	21.09	1	22
		100	0	20.91	21.01	21.06	21.08	1	22
	16QAM	1	0	20.86	20.76	20.79	20.97	1	22
		1	50	20.77	20.87	20.86	21.04	1	22
		1	99	20.63	20.79	20.83	20.80	1	22
		50	0	20.14	20.02	20.19	20.17	2	21
		50	25	20.01	20.10	20.06	20.06	2	21
		50	50	19.89	20.01	20.12	20.03	2	21
		100	0	19.92	20.05	20.20	20.22	2	21
	64QAM	1	0	19.74	19.82	19.87	19.80	2	21
		1	50	19.81	19.84	19.96	20.02	2	21
		1	99	19.60	19.73	19.85	19.87	2	21
		50	0	19.01	18.92	19.11	19.19	3	20
		50	25	19.01	19.15	19.08	19.21	3	20
		50	50	18.87	18.96	19.08	19.10	3	20
		100	0	18.92	19.11	19.05	19.11	3	20
	256QAM	1	0	16.69	16.93	16.88	16.93	5	18
		1	50	16.84	16.75	16.98	16.90	5	18
		1	99	16.64	16.84	16.75	16.88	5	18
		50	0	16.93	16.96	17.13	17.23	5	18
		50	25	16.95	17.07	17.07	17.16	5	18
		50	50	16.93	16.95	17.16	17.09	5	18
		100	0	16.95	17.07	17.11	17.06	5	18
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5		
15M	QPSK	1	0	21.93	21.82	21.97	22.02	0	23
		1	37	21.89	22.01	21.95	22.17	0	23
		1	74	21.72	21.70	21.80	21.93	0	23
		36	0	20.93	20.90	21.17	21.16	1	22
		36	19	20.85	21.05	21.08	21.04	1	22
		36	39	21.00	20.87	20.97	20.94	1	22
		75	0	20.79	20.87	20.96	21.03	1	22
	16QAM	1	0	20.84	20.67	20.64	20.86	1	22
		1	37	20.72	20.79	20.72	20.94	1	22
		1	74	20.55	20.73	20.75	20.65	1	22
		36	0	20.09	19.95	20.07	20.07	2	21
		36	19	19.96	19.98	20.01	19.91	2	21
		36	39	19.80	19.89	20.04	19.99	2	21
		75	0	19.84	19.98	20.19	20.21	2	21
	64QAM	1	0	19.69	19.78	19.85	19.70	2	21
		1	37	19.66	19.74	19.86	19.96	2	21
		1	74	19.45	19.70	19.70	19.81	2	21
		36	0	18.94	18.77	18.97	19.06	3	20
		36	19	18.99	19.10	19.07	19.16	3	20
		36	39	18.83	18.88	18.99	19.07	3	20
		75	0	18.85	18.96	19.03	19.07	3	20
	256QAM	1	0	16.57	16.92	16.81	16.88	5	18
		1	37	16.82	16.72	16.86	16.81	5	18
		1	74	16.55	16.73	16.62	16.81	5	18
		36	0	16.87	16.86	17.05	17.15	5	18
		36	19	16.85	16.94	17.05	17.10	5	18
		36	39	16.89	16.94	17.15	16.96	5	18
		75	0	16.93	16.95	16.99	17.05	5	18
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695		
10M	QPSK	1	0	21.94	21.79	22.03	21.98	0	23
		1	24	21.93	21.99	21.97	22.17	0	23
		1	49	21.72	21.70	21.81	22.00	0	23
		25	0	21.03	20.98	21.17	21.19	1	22
		25	12	20.93	20.99	21.13	20.98	1	22
		25	25	21.00	20.89	21.02	21.08	1	22
		50	0	20.78	20.91	20.92	20.94	1	22
	16QAM	1	0	20.75	20.70	20.68	20.87	1	22
		1	24	20.72	20.74	20.85	21.02	1	22
		1	49	20.50	20.66	20.81	20.67	1	22
		25	0	20.00	19.88	20.06	20.09	2	21
		25	12	19.86	20.06	19.99	19.98	2	21
		25	25	19.86	19.91	20.04	20.00	2	21
		50	0	19.89	20.00	20.13	20.08	2	21
	64QAM	1	0	19.72	19.72	19.79	19.65	2	21
		1	24	19.75	19.82	19.82	19.93	2	21
		1	49	19.53	19.69	19.83	19.77	2	21
		25	0	18.94	18.80	19.04	19.07	3	20
		25	12	18.98	19.06	19.03	19.10	3	20
		25	25	18.74	18.83	18.94	19.03	3	20
		50	0	18.88	19.06	18.90	18.99	3	20
	256QAM	1	0	16.58	16.85	16.82	16.86	5	18
		1	24	16.70	16.65	16.95	16.76	5	18
		1	49	16.58	16.70	16.67	16.81	5	18
		25	0	16.82	16.90	17.06	17.22	5	18
		25	12	16.82	17.03	17.01	17.05	5	18
		25	25	16.85	16.80	17.04	17.03	5	18
		50	0	16.94	17.06	17.04	17.05	5	18
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5		
5M	QPSK	1	0	21.92	21.75	21.97	22.07	0	23
		1	12	21.91	21.99	22.06	22.21	0	23
		1	24	21.71	21.75	21.91	22.01	0	23
		12	0	21.02	20.98	21.07	21.15	1	22
		12	6	20.82	20.95	21.13	20.96	1	22
		12	13	20.88	20.94	21.02	20.98	1	22
		25	0	20.84	20.86	20.93	21.06	1	22
	16QAM	1	0	20.84	20.66	20.72	20.93	1	22
		1	12	20.71	20.74	20.83	20.94	1	22
		1	24	20.62	20.78	20.68	20.78	1	22
		12	0	20.13	19.98	20.10	20.12	2	21
		12	6	19.88	19.99	19.99	19.94	2	21
		12	13	19.81	19.97	20.00	19.89	2	21
		25	0	19.86	19.93	20.06	20.11	2	21
	64QAM	1	0	19.64	19.80	19.74	19.69	2	21
		1	12	19.80	19.72	19.82	20.00	2	21
		1	24	19.54	19.58	19.82	19.80	2	21
		12	0	18.93	18.89	19.01	19.17	3	20
		12	6	18.95	19.13	18.94	19.16	3	20
		12	13	18.78	18.90	19.06	18.99	3	20
		25	0	18.80	18.99	18.92	19.05	3	20
	256QAM	1	0	16.58	16.80	16.80	16.90	5	18
		1	12	16.73	16.74	16.93	16.89	5	18
		1	24	16.53	16.83	16.69	16.75	5	18
		12	0	16.79	16.83	17.12	17.15	5	18
		12	6	16.82	17.03	17.03	17.12	5	18
		12	13	16.79	16.81	17.03	16.96	5	18
		25	0	16.87	16.92	17.04	16.96	5	18

LTE Band 66 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.43	**22.53**	22.47	0	24
		1	50	22.46	22.51	22.39	0	24
		1	99	22.45	22.45	22.36	0	24
		50	0	21.41	21.45	21.37	1	23
		50	25	21.43	21.49	21.40	1	23
		50	50	21.46	21.54	21.41	1	23
		100	0	21.47	21.51	21.37	1	23
	16QAM	1	0	21.74	21.72	21.58	1	23
		1	50	21.59	21.59	21.46	1	23
		1	99	21.72	21.69	21.59	1	23
		50	0	20.48	20.46	20.42	2	22
		50	25	20.39	20.46	20.40	2	22
		50	50	20.50	20.52	20.39	2	22
		100	0	20.39	20.50	20.44	2	22
	64QAM	1	0	20.55	20.64	20.47	2	22
		1	50	20.60	20.57	20.61	2	22
		1	99	20.50	20.41	20.38	2	22
		50	0	19.48	19.45	19.42	3	21
		50	25	19.45	19.52	19.41	3	21
		50	50	19.54	19.44	19.48	3	21
		100	0	19.49	19.59	19.39	3	21
	256QAM	1	0	17.52	17.56	17.45	5	19
		1	50	17.59	17.50	17.54	5	19
		1	99	17.47	17.37	17.25	5	19
		50	0	17.43	17.39	17.31	5	19
		50	25	17.44	17.38	17.32	5	19
		50	50	17.50	17.36	17.47	5	19
		100	0	17.46	17.57	17.27	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	22.33	22.49	22.39	0	24
		1	37	22.45	22.41	22.33	0	24
		1	74	22.38	22.33	22.21	0	24
		36	0	21.35	21.44	21.32	1	23
		36	19	21.38	21.36	21.29	1	23
		36	39	21.28	21.40	21.28	1	23
		75	0	21.32	21.49	21.28	1	23
	16QAM	1	0	21.63	21.67	21.55	1	23
		1	37	21.46	21.52	21.39	1	23
		1	74	21.63	21.60	21.46	1	23
		36	0	20.39	20.42	20.28	2	22
		36	19	20.35	20.41	20.27	2	22
		36	39	20.43	20.44	20.28	2	22
		75	0	20.37	20.44	20.38	2	22
	64QAM	1	0	20.41	20.51	20.32	2	22
		1	37	20.48	20.48	20.49	2	22
		1	74	20.38	20.29	20.26	2	22
		36	0	19.47	19.44	19.35	3	21
		36	19	19.36	19.38	19.30	3	21
		36	39	19.39	19.41	19.35	3	21
		75	0	19.43	19.56	19.36	3	21
	256QAM	1	0	17.51	17.45	17.34	5	19
		1	37	17.57	17.49	17.45	5	19
		1	74	17.46	17.27	17.24	5	19
		36	0	17.29	17.28	17.20	5	19
		36	19	17.34	17.34	17.17	5	19
		36	39	17.47	17.32	17.38	5	19
		75	0	17.44	17.53	17.12	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.28	22.41	22.32	0	24
		1	24	22.39	22.39	22.30	0	24
		1	49	22.39	22.31	22.32	0	24
		25	0	21.40	21.32	21.34	1	23
		25	12	21.38	21.36	21.35	1	23
		25	25	21.40	21.40	21.38	1	23
		50	0	21.38	21.46	21.31	1	23
	16QAM	1	0	21.64	21.68	21.44	1	23
		1	24	21.44	21.45	21.31	1	23
		1	49	21.68	21.60	21.47	1	23
		25	0	20.41	20.32	20.28	2	22
		25	12	20.31	20.40	20.35	2	22
		25	25	20.39	20.45	20.29	2	22
		50	0	20.35	20.47	20.36	2	22
	64QAM	1	0	20.46	20.54	20.42	2	22
		1	24	20.48	20.52	20.60	2	22
		1	49	20.45	20.32	20.23	2	22
		25	0	19.35	19.33	19.30	3	21
		25	12	19.30	19.50	19.37	3	21
		25	25	19.49	19.32	19.33	3	21
		50	0	19.47	19.51	19.30	3	21
	256QAM	1	0	17.37	17.41	17.33	5	19
		1	24	17.55	17.46	17.53	5	19
		1	49	17.35	17.22	17.14	5	19
		25	0	17.28	17.31	17.16	5	19
		25	12	17.33	17.30	17.21	5	19
		25	25	17.42	17.33	17.34	5	19
		50	0	17.32	17.46	17.15	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.42	22.40	22.36	0	24
		1	12	22.43	22.46	22.26	0	24
		1	24	22.42	22.37	22.31	0	24
		12	0	21.33	21.37	21.28	1	23
		12	6	21.41	21.43	21.26	1	23
		12	13	21.28	21.52	21.26	1	23
		25	0	21.35	21.42	21.27	1	23
	16QAM	1	0	21.59	21.61	21.44	1	23
		1	12	21.58	21.52	21.43	1	23
		1	24	21.65	21.55	21.44	1	23
		12	0	20.43	20.45	20.29	2	22
		12	6	20.38	20.42	20.39	2	22
		12	13	20.36	20.37	20.37	2	22
		25	0	20.36	20.35	20.39	2	22
	64QAM	1	0	20.49	20.55	20.37	2	22
		1	12	20.46	20.43	20.55	2	22
		1	24	20.43	20.26	20.24	2	22
		12	0	19.40	19.39	19.39	3	21
		12	6	19.34	19.46	19.35	3	21
		12	13	19.48	19.38	19.46	3	21
		25	0	19.35	19.48	19.37	3	21
	256QAM	1	0	17.48	17.52	17.42	5	19
		1	12	17.54	17.43	17.46	5	19
		1	24	17.42	17.23	17.21	5	19
		12	0	17.41	17.32	17.17	5	19
		12	6	17.29	17.29	17.27	5	19
		12	13	17.46	17.24	17.33	5	19
		25	0	17.43	17.53	17.26	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.34	22.51	22.35	0	24
		1	7	22.45	22.42	22.32	0	24
		1	14	22.33	22.30	22.25	0	24
		8	0	21.29	21.38	21.36	1	23
		8	3	21.39	21.38	21.25	1	23
		8	7	21.39	21.40	21.26	1	23
		15	0	21.34	21.40	21.38	1	23
	16QAM	1	0	21.64	21.61	21.52	1	23
		1	7	21.48	21.56	21.41	1	23
		1	14	21.60	21.64	21.50	1	23
		8	0	20.44	20.35	20.27	2	22
		8	3	20.38	20.45	20.29	2	22
		8	7	20.49	20.39	20.36	2	22
		15	0	20.28	20.42	20.29	2	22
	64QAM	1	0	20.41	20.55	20.40	2	22
		1	7	20.52	20.53	20.52	2	22
		1	14	20.37	20.33	20.26	2	22
		8	0	19.36	19.35	19.40	3	21
		8	3	19.43	19.48	19.33	3	21
		8	7	19.48	19.35	19.47	3	21
		15	0	19.34	19.47	19.37	3	21
	256QAM	1	0	17.45	17.43	17.43	5	19
		1	7	17.46	17.36	17.47	5	19
		1	14	17.46	17.31	17.19	5	19
		8	0	17.29	17.32	17.19	5	19
		8	3	17.38	17.34	17.18	5	19
		8	7	17.47	17.25	17.33	5	19
		15	0	17.45	17.55	17.18	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.31	22.41	22.46	0	24
		1	2	22.43	22.38	22.27	0	24
		1	5	22.39	22.32	22.35	0	24
		3	0	22.06	22.15	22.02	0	24
		3	1	22.24	22.20	22.15	0	24
		3	3	22.14	22.33	22.09	0	24
		6	0	21.32	21.45	21.25	1	23
	16QAM	1	0	21.62	21.67	21.47	1	23
		1	2	21.55	21.50	21.33	1	23
		1	5	21.61	21.63	21.50	1	23
		3	0	21.46	21.31	21.30	1	23
		3	1	21.31	21.38	21.34	1	23
		3	3	21.36	21.37	21.35	1	23
		6	0	20.34	20.45	20.39	2	22
	64QAM	1	0	20.51	20.51	20.34	2	22
		1	2	20.46	20.48	20.59	2	22
		1	5	20.43	20.35	20.31	2	22
		3	0	20.45	20.36	20.29	2	22
		3	1	20.38	20.46	20.36	2	22
		3	3	20.53	20.36	20.46	2	22
		6	0	19.35	19.48	19.35	3	21
	256QAM	1	0	17.48	17.47	17.43	5	19
		1	2	17.48	17.36	17.52	5	19
		1	5	17.32	17.22	17.24	5	19
		3	0	17.41	17.30	17.22	5	19
		3	1	17.36	17.27	17.22	5	19
		3	3	17.38	17.25	17.45	5	19
		6	0	17.32	17.42	17.12	5	19

LTE Band 71 (Ant0)

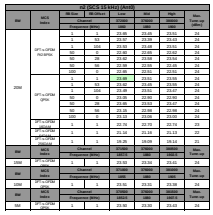
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133222	133322	133372		
		Frequency (MHz)		673	683	688		
20M	QPSK	1	0	**22.37**	22.32	22.21	0	24
		1	50	22.07	22.16	22.00	0	24
		1	99	22.21	22.11	22.07	0	24
		50	0	21.28	21.23	21.21	1	23
		50	25	21.29	21.28	21.24	1	23
		50	50	21.27	21.15	21.21	1	23
		100	0	21.35	21.20	21.25	1	23
	16QAM	1	0	21.61	21.56	21.49	1	23
		1	50	21.55	21.50	21.51	1	23
		1	99	21.57	21.50	21.51	1	23
		50	0	20.51	20.46	20.38	2	22
		50	25	20.32	20.28	20.18	2	22
		50	50	20.32	20.38	20.19	2	22
		100	0	20.34	20.30	20.27	2	22
	64QAM	1	0	20.60	20.47	20.43	2	22
		1	50	20.43	20.44	20.35	2	22
		1	99	20.44	20.43	20.36	2	22
		50	0	19.33	19.43	19.30	3	21
		50	25	19.38	19.44	19.40	3	21
		50	50	19.51	19.39	19.37	3	21
		100	0	19.39	19.39	19.38	3	21
	256QAM	1	0	17.58	17.36	17.28	5	19
		1	50	17.36	17.32	17.30	5	19
		1	99	17.38	17.39	17.35	5	19
		50	0	17.31	17.29	17.22	5	19
		50	25	17.23	17.38	17.30	5	19
		50	50	17.50	17.31	17.31	5	19
		100	0	17.26	17.28	17.27	5	19
BW	Modulation	Channel		133197	133257	133387	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		670.5	680.5	690.5		
15M	QPSK	1	0	22.34	22.31	22.08	0	24
		1	37	22.00	22.08	21.86	0	24
		1	74	22.20	21.98	21.93	0	24
		36	0	21.25	21.15	21.15	1	23
		36	19	21.15	21.15	21.10	1	23
		36	39	21.23	21.05	21.13	1	23
		75	0	21.30	21.08	21.17	1	23
	16QAM	1	0	21.57	21.45	21.35	1	23
		1	37	21.48	21.39	21.46	1	23
		1	74	21.53	21.35	21.41	1	23
		36	0	20.36	20.42	20.36	2	22
		36	19	20.29	20.21	20.15	2	22
		36	39	20.20	20.26	20.16	2	22
		75	0	20.22	20.21	20.12	2	22
	64QAM	1	0	20.45	20.33	20.39	2	22
		1	37	20.37	20.32	20.25	2	22
		1	74	20.34	20.38	20.35	2	22
		36	0	19.22	19.38	19.18	3	21
		36	19	19.24	19.35	19.38	3	21
		36	39	19.47	19.26	19.30	3	21
		75	0	19.26	19.34	19.37	3	21
	256QAM	1	0	17.56	17.35	17.15	5	19
		1	37	17.30	17.22	17.15	5	19
		1	74	17.35	17.32	17.24	5	19
		36	0	17.26	17.19	17.13	5	19
		36	19	17.16	17.33	17.22	5	19
		36	39	17.44	17.27	17.27	5	19
		75	0	17.13	17.17	17.18	5	19
BW	Modulation	Channel		133172	133272	133422	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		668	678	693		
10M	QPSK	1	0	22.30	22.28	22.17	0	24
		1	24	21.99	22.12	21.97	0	24
		1	49	22.17	21.97	22.00	0	24
		25	0	21.14	21.18	21.13	1	23
		25	12	21.14	21.20	21.16	1	23
		25	25	21.18	21.12	21.09	1	23
		50	0	21.27	21.16	21.11	1	23
	16QAM	1	0	21.47	21.53	21.34	1	23
		1	24	21.53	21.40	21.43	1	23
		1	49	21.46	21.37	21.50	1	23
		25	0	20.47	20.43	20.31	2	22
		25	12	20.18	20.21	20.10	2	22
		25	25	20.26	20.31	20.11	2	22
		50	0	20.22	20.26	20.13	2	22
	64QAM	1	0	20.56	20.39	20.36	2	22
		1	24	20.36	20.30	20.25	2	22
		1	49	20.40	20.42	20.24	2	22
		25	0	19.29	19.39	19.28	3	21
		25	12	19.30	19.39	19.29	3	21
		25	25	19.44	19.35	19.23	3	21
		50	0	19.35	19.36	19.34	3	21
	256QAM	1	0	17.52	17.30	17.13	5	19
		1	24	17.31	17.30	17.19	5	19
		1	49	17.31	17.26	17.22	5	19
		25	0	17.24	17.22	17.21	5	19
		25	12	17.22	17.35	17.19	5	19
		25	25	17.45	17.27	17.20	5	19
		50	0	17.16	17.27	17.22	5	19
BW	Modulation	Channel		133147	133247	133467	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		665.5	675.5	695.5		
5M	QPSK	1	0	22.30	22.18	22.16	0	24
		1	12	21.99	22.02	21.96	0	24
		1	24	22.07	22.02	21.99	0	24
		12	0	21.22	21.27	21.06	1	23
		12	6	21.17	21.10	21.16	1	23
		12	13	21.21	21.08	21.16	1	23
		25	0	21.20	21.12	21.19	1	23
	16QAM	1	0	21.48	21.55	21.43	1	23
		1	12	21.47	21.38	21.39	1	23
		1	24	21.51	21.41	21.43	1	23
		12	0	20.37	20.45	20.26	2	22
		12	6	20.18	20.18	20.04	2	22
		12	13	20.17	20.31	20.15	2	22
		25	0	20.24	20.27	20.21	2	22
	64QAM	1	0	20.51	20.42	20.33	2	22
		1	12	20.38	20.30	20.26	2	22
		1	24	20.42	20.39	20.25	2	22
		12	0	19.28	19.37	19.20	3	21
		12	6	19.27	19.32	19.26	3	21
		12	13	19.44	19.28	19.32	3	21
		25	0	19.28	19.26	19.26	3	21
	256QAM	1	0	17.53	17.29	17.23	5	19
		1	12	17.35	17.25	17.29	5	19
		1	24	17.36	17.38	17.25	5	19
		12	0	17.21	17.21	17.14	5	19
		12	6	17.18	17.37	17.21	5	19
		12	13	17.45	17.28	17.17	5	19
		25	0	17.16	17.25	17.16	5	19

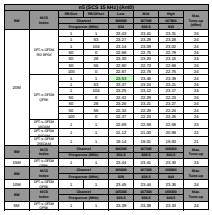
LTE Band 2 (Ant2)								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.44**	22.34	22.32	0	24
		1	50	22.32	22.32	22.19	0	24
		1	99	22.24	22.19	22.10	0	24
		50	0	21.32	21.33	21.20	1	23
		50	25	21.42	21.37	21.35	1	23
		50	50	21.35	21.36	21.23	1	23
		100	0	21.40	21.35	21.34	1	23
	16QAM	1	0	21.45	21.38	21.34	1	23
		1	50	21.52	21.42	21.39	1	23
		1	99	21.40	21.36	21.26	1	23
		50	0	20.24	20.32	20.20	2	22
		50	25	20.37	20.41	20.34	2	22
		50	50	20.35	20.45	20.32	2	22
		100	0	20.42	20.30	20.26	2	22
	64QAM	1	0	20.39	20.31	20.27	2	22
		1	50	20.38	20.40	20.26	2	22
		1	99	20.46	20.34	20.32	2	22
		50	0	19.31	19.20	19.15	3	21
		50	25	19.41	19.26	19.29	3	21
		50	50	19.35	19.32	19.25	3	21
		100	0	19.42	19.39	19.29	3	21
	256QAM	1	0	17.29	17.28	17.31	5	19
		1	50	17.41	17.36	17.36	5	19
		1	99	17.48	17.38	17.39	5	19
		50	0	17.40	17.40	17.27	5	19
		50	25	17.39	17.25	17.17	5	19
		50	50	17.52	17.44	17.41	5	19
		100	0	17.37	17.36	17.32	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	**22.35**	22.32	22.21	0	24
		1	37	22.31	22.22	22.17	0	24
		1	74	22.15	22.14	22.01	0	24
		36	0	21.28	21.19	21.19	1	23
		36	19	21.28	21.26	21.33	1	23
		36	39	21.30	21.34	21.21	1	23
		75	0	21.36	21.31	21.22	1	23
	16QAM	1	0	21.43	21.25	21.33	1	23
		1	37	21.43	21.30	21.28	1	23
		1	74	21.32	21.21	21.17	1	23
		36	0	20.19	20.21	20.15	2	22
		36	19	20.25	20.26	20.30	2	22
		36	39	20.28	20.39	20.19	2	22
		75	0	20.37	20.15	20.16	2	22
	64QAM	1	0	20.31	20.17	20.19	2	22
		1	37	20.25	20.37	20.16	2	22
		1	74	20.42	20.23	20.20	2	22
		36	0	19.24	19.09	19.04	3	21
		36	19	19.27	19.17	19.23	3	21
		36	39	19.28	19.26	19.19	3	21
		75	0	19.35	19.25	19.21	3	21
	256QAM	1	0	17.18	17.15	17.26	5	19
		1	37	17.38	17.32	17.24	5	19
		1	74	17.36	17.30	17.25	5	19
		36	0	17.32	17.31	17.25	5	19
		36	19	17.38	17.16	17.04	5	19
		36	39	17.42	17.39	17.31	5	19
		75	0	17.36	17.29	17.28	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	**22.37**	22.27	22.21	0	24
		1	24	22.23	22.19	22.04	0	24
		1	49	22.11	22.10	22.09	0	24
		25	0	21.24	21.28	21.05	1	23
		25	12	21.32	21.22	21.28	1	23
		25	25	21.20	21.23	21.11	1	23
		50	0	21.37	21.28	21.24	1	23
	16QAM	1	0	21.43	21.35	21.22	1	23
		1	24	21.45	21.29	21.32	1	23
		1	49	21.35	21.21	21.11	1	23
		25	0	20.18	20.26	20.09	2	22
		25	12	20.34	20.28	20.28	2	22
		25	25	20.28	20.38	20.25	2	22
		50	0	20.36	20.20	20.24	2	22
	64QAM	1	0	20.30	20.22	20.20	2	22
		1	24	20.24	20.34	20.23	2	22
		1	49	20.43	20.19	20.22	2	22
		25	0	19.27	19.11	19.03	3	21
		25	12	19.37	19.23	19.20	3	21
		25	25	19.27	19.29	19.15	3	21
		50	0	19.29	19.29	19.25	3	21
	256QAM	1	0	17.27	17.15	17.17	5	19
		1	24	17.30	17.31	17.23	5	19
		1	49	17.37	17.30	17.26	5	19
		25	0	17.34	17.30	17.15	5	19
		25	12	17.26	17.20	17.09	5	19
		25	25	17.44	17.40	17.30	5	19
		50	0	17.22	17.24	17.28	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	**22.37**	22.25	22.18	0	24
		1	12	22.27	22.30	22.17	0	24
		1	24	22.12	22.07	21.95	0	24
		12	0	21.28	21.18	21.18	1	23
		12	6	21.39	21.27	21.29	1	23
		12	13	21.23	21.31	21.20	1	23
		25	0	21.36	21.22	21.29	1	23
	16QAM	1	0	21.34	21.29	21.33	1	23
		1	12	21.50	21.37	21.32	1	23
		1	24	21.25	21.33	21.13	1	23
		12	0	20.12	20.23	20.09	2	22
		12	6	20.25	20.26	20.24	2	22
		12	13	20.29	20.43	20.19	2	22
		25	0	20.40	20.29	20.22	2	22
	64QAM	1	0	20.36	20.30	20.20	2	22
		1	12	20.25	20.25	20.25	2	22
		1	24	20.45	20.33	20.23	2	22
		12	0	19.25	19.18	19.01	3	21
		12	6	19.39	19.20	19.16	3	21
		12	13	19.24	19.18	19.20	3	21
		25	0	19.32	19.37	19.23	3	21
	256QAM	1	0	17.28	17.26	17.27	5	19
		1	12	17.40	17.22	17.33	5	19
		1	24	17.41	17.25	17.29	5	19
		12	0	17.29	17.28	17.22	5	19
		12	6	17.38	17.14	17.09	5	19
		12	13	17.50	17.43	17.35	5	19
		25	0	17.32	17.33	17.24	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	**22.30**	22.22	22.18	0	24
		1	7	22.23	22.29	22.15	0	24
		1	14	22.16	22.17	21.95	0	24
		8	0	21.27	21.19	21.06	1	23
		8	3	21.34	21.22	21.32	1	23
		8	7	21.21	21.34	21.11	1	23
		15	0	21.31	21.29	21.30	1	23
	16QAM	1	0	21.42	21.33	21.31	1	23
		1	7	21.44	21.33	21.37	1	23
		1	14	21.30	21.29	21.17	1	23
		8	0	20.17	20.24	20.17	2	22
		8	3	20.23	20.33	20.19	2	22
		8	7	20.34	20.33	20.28	2	22
		15	0	20.30	20.16	20.16	2	22
	64QAM	1	0	20.25	20.17	20.13	2	22
		1	7	20.35	20.32	20.12	2	22
		1	14	20.38	20.21	20.21	2	22
		8	0	19.21	19.06	19.07	3	21
		8	3	19.33	19.20	19.15	3	21
		8	7	19.29	19.23	19.12	3	21
		15	0	19.34	19.37	19.18	3	21
	256QAM	1	0	17.15	17.15	17.28	5	19
		1	7	17.32	17.21	17.32	5	19
		1	14	17.41	17.32	17.27	5	19
		8	0	17.31	17.25	17.14	5	19
		8	3	17.34	17.22	17.14	5	19
		8	7	17.46	17.36	17.40	5	19
		15	0	17.23	17.28	17.26	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	**22.37**	22.27	22.20	0	24
		1	2	22.31	22.28	22.12	0	24
		1	5	22.21	22.07	22.06	0	24
		3	0	22.10	22.02	21.89	0	24
		3	1	22.12	22.11	22.05	0	24
		3	3	22.09	22.14	21.88	0	24
		6	0	21.26	21.29	21.32	1	23
	16QAM	1	0	21.41	21.26	21.20	1	23
		1	2	21.44	21.36	21.34	1	23
		1	5	21.29	21.33	21.15	1	23
		3	0	21.22	21.17	21.17	1	23
		3	1	21.25	21.39	21.26	1	23
		3	3	21.25	21.34	21.29	1	23
		6	0	20.35	20.27	20.19	2	22
	64QAM	1	0	20.36	20.16	20.12	2	22
		1	2	20.36	20.28	20.11	2	22
		1	5	20.37	20.33	20.28	2	22
		3	0	20.26	20.14	20.06	2	22
		3	1	20.28	20.25	20.28	2	22
		3	3	20.33	20.26	20.17	2	22
		6	0	19.36	19.38	19.15	3	21
	256QAM	1	0	17.26	17.27	17.17	5	19
		1	2	17.28	17.27	17.30	5	19
		1	5	17.35	17.37	17.30	5	19
		3	0	17.39	17.32	17.16	5	19
		3	1	17.26	17.11	17.11	5	19
		3	3	17.43	17.42	17.26	5	19
		6	0	17.33	17.21	17.30	5	19

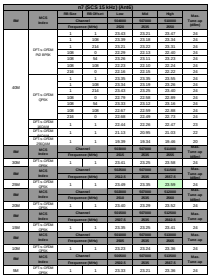
LTE Band 7 (Ant10)								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.41	22.37	22.44	0	24
		1	50	22.38	22.38	22.54	0	24
		1	99	22.46	22.49	**22.58**	0	24
		50	0	21.39	21.37	21.37	1	23
		50	25	21.40	21.39	21.52	1	23
		50	50	21.38	21.35	21.45	1	23
		100	0	21.38	21.43	21.46	1	23
	16QAM	1	0	21.63	21.68	21.67	1	23
		1	50	21.56	21.58	21.69	1	23
		1	99	21.64	21.75	21.79	1	23
		50	0	20.35	20.41	20.48	2	22
		50	25	20.38	20.45	20.51	2	22
		50	50	20.49	20.49	20.48	2	22
		100	0	20.34	20.37	20.53	2	22
	64QAM	1	0	20.40	20.49	20.49	2	22
		1	50	20.50	20.51	20.51	2	22
		1	99	20.47	20.56	20.63	2	22
		50	0	19.39	19.45	19.44	3	21
		50	25	19.35	19.51	19.44	3	21
		50	50	19.48	19.51	19.55	3	21
		100	0	19.45	19.43	19.51	3	21
	256QAM	1	0	17.48	17.55	17.52	5	19
		1	50	17.52	17.56	17.51	5	19
		1	99	17.58	17.56	17.52	5	19
		50	0	17.52	17.47	17.56	5	19
		50	25	17.39	17.40	17.56	5	19
		50	50	17.40	17.52	17.52	5	19
		100	0	17.52	17.49	17.49	5	19
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.36	22.26	22.43	0	24
		1	37	22.24	22.33	**22.50**	0	24
		1	74	22.33	22.41	22.49	0	24
		36	0	21.27	21.29	21.32	1	23
		36	19	21.33	21.24	21.40	1	23
		36	39	21.35	21.23	21.42	1	23
		75	0	21.33	21.36	21.40	1	23
	16QAM	1	0	21.62	21.63	21.63	1	23
		1	37	21.44	21.49	21.55	1	23
		1	74	21.49	21.61	21.67	1	23
		36	0	20.24	20.27	20.35	2	22
		36	19	20.32	20.37	20.45	2	22
		36	39	20.38	20.35	20.44	2	22
		75	0	20.26	20.23	20.41	2	22
	64QAM	1	0	20.32	20.38	20.38	2	22
		1	37	20.45	20.40	20.45	2	22
		1	74	20.43	20.42	20.54	2	22
		36	0	19.34	19.36	19.31	3	21
		36	19	19.33	19.45	19.35	3	21
		36	39	19.41	19.39	19.41	3	21
		75	0	19.37	19.40	19.36	3	21
	256QAM	1	0	17.35	17.45	17.50	5	19
		1	37	17.39	17.52	17.38	5	19
		1	74	17.48	17.48	17.42	5	19
		36	0	17.51	17.36	17.48	5	19
		36	19	17.26	17.35	17.41	5	19
		36	39	17.25	17.40	17.48	5	19
		75	0	17.47	17.45	17.48	5	19
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.32	22.33	22.37	0	24
		1	24	22.31	22.35	22.48	0	24
		1	49	22.45	22.44	**22.50**	0	24
		25	0	21.36	21.33	21.24	1	23
		25	12	21.20	21.35	21.39	1	23
		25	25	21.34	21.22	21.37	1	23
		50	0	21.24	21.42	21.33	1	23
	16QAM	1	0	21.55	21.62	21.56	1	23
		1	24	21.54	21.52	21.59	1	23
		1	49	21.62	21.74	21.66	1	23
		25	0	20.22	20.30	20.33	2	22
		25	12	20.23	20.35	20.41	2	22
		25	25	20.40	20.44	20.41	2	22
		50	0	20.27	20.33	20.38	2	22
	64QAM	1	0	20.32	20.44	20.46	2	22
		1	24	20.43	20.36	20.50	2	22
		1	49	20.38	20.51	20.52	2	22
		25	0	19.26	19.41	19.32	3	21
		25	12	19.29	19.47	19.30	3	21
		25	25	19.42	19.45	19.40	3	21
		50	0	19.31	19.41	19.47	3	21
	256QAM	1	0	17.41	17.47	17.38	5	19
		1	24	17.43	17.51	17.42	5	19
		1	49	17.46	17.53	17.49	5	19
		25	0	17.49	17.33	17.55	5	19
		25	12	17.24	17.31	17.50	5	19
		25	25	17.26	17.38	17.39	5	19
		50	0	17.45	17.41	17.36	5	19
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.35	22.34	22.42	0	24
		1	12	22.26	22.31	22.44	0	24
		1	24	22.44	**22.47**	22.43	0	24
		12	0	21.29	21.23	21.30	1	23
		12	6	21.34	21.38	21.38	1	23
		12	13	21.34	21.27	21.30	1	23
		25	0	21.23	21.42	21.37	1	23
	16QAM	1	0	21.58	21.60	21.66	1	23
		1	12	21.46	21.56	21.67	1	23
		1	24	21.50	21.65	21.69	1	23
		12	0	20.22	20.38	20.41	2	22
		12	6	20.34	20.42	20.50	2	22
		12	13	20.40	20.47	20.41	2	22
		25	0	20.31	20.32	20.49	2	22
	64QAM	1	0	20.31	20.35	20.36	2	22
		1	12	20.46	20.42	20.45	2	22
		1	24	20.34	20.53	20.56	2	22
		12	0	19.26	19.35	19.31	3	21
		12	6	19.20	19.43	19.33	3	21
		12	13	19.36	19.47	19.45	3	21
		25	0	19.39	19.33	19.48	3	21
	256QAM	1	0	17.41	17.40	17.50	5	19
		1	12	17.48	17.53	17.38	5	19
		1	24	17.46	17.42	17.45	5	19
		12	0	17.41	17.45	17.51	5	19
		12	6	17.37	17.35	17.41	5	19
		12	13	17.27	17.41	17.44	5	19
		25	0	17.50	17.44	17.36	5	19

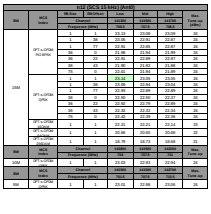
LTE Band 30 (Ant6)								
BW	Modulation	RB Size	RB Offset		Mid		3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.02		0	24
		1	24		**23.11**		0	24
		1	49		23.04		0	24
		25	0		21.97		1	23
		25	12		21.96		1	23
		25	25		21.98		1	23
		50	0		21.94		1	23
	16QAM	1	0		22.11		1	23
		1	24		22.14		1	23
		1	49		22.09		1	23
		25	0		21.01		2	22
		25	12		21.03		2	22
		25	25		21.05		2	22
		50	0		20.98		2	22
	64QAM	1	0		20.76		2	22
		1	24		20.78		2	22
		1	49		20.70		2	22
		25	0		20.02		3	21
		25	12		20.03		3	21
		25	25		20.02		3	21
		50	0		19.99		3	21
	256QAM	1	0		17.92		5	19
		1	24		18.13		5	19
		1	49		17.98		5	19
		25	0		17.93		5	19
		25	12		18.04		5	19
		25	25		17.97		5	19
		50	0		18.00		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	22.89	22.95	22.95	0	24
		1	12	23.06	**23.09**	23.05	0	24
		1	24	22.90	23.02	23.01	0	24
		12	0	21.87	21.83	21.86	1	23
		12	6	21.81	21.83	21.85	1	23
		12	13	21.92	21.84	21.90	1	23
		25	0	21.86	21.86	21.82	1	23
	16QAM	1	0	22.04	22.00	22.03	1	23
		1	12	22.01	22.04	22.03	1	23
		1	24	21.94	22.05	21.94	1	23
		12	0	20.90	20.95	20.93	2	22
		12	6	20.99	21.01	20.89	2	22
		12	13	21.02	21.02	20.98	2	22
		25	0	20.90	20.96	20.95	2	22
	64QAM	1	0	20.70	20.61	20.65	2	22
		1	12	20.67	20.66	20.67	2	22
		1	24	20.69	20.63	20.58	2	22
		12	0	19.98	19.93	19.99	3	21
		12	6	20.01	19.99	20.00	3	21
		12	13	19.91	19.91	20.00	3	21
		25	0	19.90	19.96	19.88	3	21
	256QAM	1	0	17.89	17.89	17.89	5	19
		1	12	17.99	18.11	18.11	5	19
		1	24	17.89	17.86	17.88	5	19
		12	0	17.85	17.80	17.89	5	19
		12	6	17.89	17.97	17.90	5	19
		12	13	17.92	17.90	17.88	5	19
		25	0	17.98	17.93	17.86	5	19

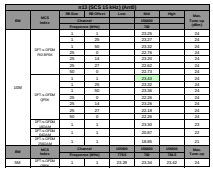
LTE Band 66 (Ant2)								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.40	**22.47**	22.35	0	24
		1	50	22.41	22.32	22.23	0	24
		1	99	22.29	22.37	22.21	0	24
		50	0	21.33	21.36	21.25	1	23
		50	25	21.41	21.48	21.24	1	23
		50	50	21.47	21.42	21.24	1	23
		100	0	21.37	21.38	21.22	1	23
	16QAM	1	0	21.67	21.63	21.46	1	23
		1	50	21.58	21.54	21.48	1	23
		1	99	21.54	21.53	21.36	1	23
		50	0	20.41	20.38	20.30	2	22
		50	25	20.39	20.44	20.28	2	22
		50	50	20.41	20.54	20.37	2	22
		100	0	20.34	20.39	20.18	2	22
	64QAM	1	0	20.49	20.47	20.34	2	22
		1	50	20.34	20.48	20.20	2	22
		1	99	20.38	20.39	20.28	2	22
		50	0	19.34	19.41	19.30	3	21
		50	25	19.41	19.48	19.19	3	21
		50	50	19.37	19.51	19.24	3	21
		100	0	19.37	19.43	19.33	3	21
	256QAM	1	0	17.38	17.39	17.23	5	19
		1	50	17.42	17.51	17.29	5	19
		1	99	17.52	17.47	17.33	5	19
		50	0	17.34	17.45	17.27	5	19
		50	25	17.39	17.52	17.29	5	19
		50	50	17.44	17.49	17.36	5	19
		100	0	17.35	17.36	17.31	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	**22.34**	**22.34**	22.32	0	24
		1	37	22.33	22.23	22.12	0	24
		1	74	22.27	22.24	22.08	0	24
		36	0	21.29	21.34	21.12	1	23
		36	19	21.26	21.33	21.09	1	23
		36	39	21.42	21.36	21.16	1	23
		75	0	21.27	21.30	21.07	1	23
	16QAM	1	0	21.66	21.49	21.39	1	23
		1	37	21.46	21.40	21.39	1	23
		1	74	21.51	21.47	21.26	1	23
		36	0	20.26	20.30	20.18	2	22
		36	19	20.37	20.40	20.21	2	22
		36	39	20.29	20.49	20.36	2	22
		75	0	20.28	20.28	20.16	2	22
	64QAM	1	0	20.37	20.39	20.30	2	22
		1	37	20.29	20.47	20.19	2	22
		1	74	20.35	20.32	20.13	2	22
		36	0	19.23	19.38	19.25	3	21
		36	19	19.28	19.36	19.04	3	21
		36	39	19.31	19.44	19.12	3	21
		75	0	19.32	19.35	19.18	3	21
	256QAM	1	0	17.24	17.37	17.15	5	19
		1	37	17.41	17.41	17.18	5	19
		1	74	17.42	17.35	17.31	5	19
		36	0	17.30	17.38	17.12	5	19
		36	19	17.33	17.51	17.18	5	19
		36	39	17.31	17.43	17.34	5	19
		75	0	17.32	17.25	17.18	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.34	22.33	22.27	0	24
		1	24	**22.39**	22.30	22.15	0	24
		1	49	22.17	22.24	22.08	0	24
		25	0	21.27	21.24	21.15	1	23
		25	12	21.34	21.45	21.23	1	23
		25	25	21.44	21.39	21.12	1	23
		50	0	21.32	21.35	21.09	1	23
	16QAM	1	0	21.66	21.53	21.45	1	23
		1	24	21.57	21.49	21.40	1	23
		1	49	21.52	21.46	21.25	1	23
		25	0	20.30	20.26	20.17	2	22
		25	12	20.26	20.42	20.14	2	22
		25	25	20.38	20.53	20.23	2	22
		50	0	20.22	20.33	20.14	2	22
	64QAM	1	0	20.47	20.39	20.27	2	22
		1	24	20.24	20.47	20.19	2	22
		1	49	20.33	20.32	20.22	2	22
		25	0	19.29	19.29	19.25	3	21
		25	12	19.36	19.44	19.08	3	21
		25	25	19.24	19.48	19.13	3	21
		50	0	19.23	19.32	19.30	3	21
	256QAM	1	0	17.35	17.30	17.20	5	19
		1	24	17.37	17.44	17.14	5	19
		1	49	17.38	17.32	17.18	5	19
		25	0	17.25	17.38	17.25	5	19
		25	12	17.32	17.39	17.15	5	19
		25	25	17.38	17.40	17.21	5	19
		50	0	17.28	17.29	17.16	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.26	**22.36**	22.31	0	24
		1	12	22.32	22.28	22.14	0	24
		1	24	22.15	22.26	22.12	0	24
		12	0	21.26	21.24	21.22	1	23
		12	6	21.33	21.36	21.12	1	23
		12	13	21.36	21.36	21.11	1	23
		25	0	21.35	21.30	21.14	1	23
	16QAM	1	0	21.57	21.52	21.41	1	23
		1	12	21.57	21.46	21.40	1	23
		1	24	21.52	21.46	21.33	1	23
		12	0	20.30	20.36	20.16	2	22
		12	6	20.27	20.40	20.20	2	22
		12	13	20.33	20.41	20.32	2	22
		25	0	20.28	20.34	20.04	2	22
	64QAM	1	0	20.39	20.38	20.31	2	22
		1	12	20.30	20.39	20.07	2	22
		1	24	20.35	20.34	20.27	2	22
		12	0	19.32	19.27	19.27	3	21
		12	6	19.34	19.37	19.13	3	21
		12	13	19.23	19.36	19.11	3	21
		25	0	19.28	19.32	19.30	3	21
	256QAM	1	0	17.32	17.33	17.15	5	19
		1	12	17.34	17.45	17.25	5	19
		1	24	17.51	17.45	17.27	5	19
		12	0	17.24	17.42	17.13	5	19
		12	6	17.31	17.47	17.26	5	19
		12	13	17.35	17.37	17.33	5	19
		25	0	17.34	17.29	17.17	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.36	**22.42**	22.26	0	24
		1	7	22.27	22.21	22.09	0	24
		1	14	22.22	22.34	22.09	0	24
		8	0	21.30	21.21	21.22	1	23
		8	3	21.30	21.38	21.15	1	23
		8	7	21.32	21.34	21.13	1	23
		15	0	21.32	21.31	21.12	1	23
	16QAM	1	0	21.55	21.62	21.44	1	23
		1	7	21.44	21.40	21.35	1	23
		1	14	21.42	21.51	21.24	1	23
		8	0	20.34	20.36	20.18	2	22
		8	3	20.37	20.40	20.21	2	22
		8	7	20.34	20.53	20.26	2	22
		15	0	20.31	20.32	20.09	2	22
	64QAM	1	0	20.39	20.42	20.22	2	22
		1	7	20.25	20.39	20.07	2	22
		1	14	20.34	20.29	20.26	2	22
		8	0	19.33	19.34	19.24	3	21
		8	3	19.34	19.41	19.14	3	21
		8	7	19.30	19.44	19.20	3	21
		15	0	19.31	19.28	19.28	3	21
	256QAM	1	0	17.27	17.35	17.08	5	19
		1	7	17.41	17.36	17.18	5	19
		1	14	17.37	17.32	17.27	5	19
		8	0	17.32	17.40	17.24	5	19
		8	3	17.36	17.43	17.14	5	19
		8	7	17.34	17.39	17.31	5	19
		15	0	17.29	17.35	17.23	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.38	**22.42**	22.33	0	24
		1	2	22.27	22.26	22.20	0	24
		1	5	22.20	22.26	22.11	0	24
		3	0	22.10	22.02	22.01	0	24
		3	1	22.09	22.24	22.02	0	24
		3	3	22.15	22.17	21.89	0	24
		6	0	21.30	21.29	21.14	1	23
	16QAM	1	0	21.58	21.58	21.33	1	23
		1	2	21.47	21.46	21.33	1	23
		1	5	21.48	21.45	21.21	1	23
		3	0	21.34	21.27	21.15	1	23
		3	1	21.28	21.31	21.14	1	23
		3	3	21.38	21.40	21.22	1	23
		6	0	20.28	20.37	20.09	2	22
	64QAM	1	0	20.37	20.33	20.26	2	22
		1	2	20.29	20.41	20.07	2	22
		1	5	20.30	20.25	20.16	2	22
		3	0	20.20	20.27	20.28	2	22
		3	1	20.38	20.44	20.14	2	22
		3	3	20.35	20.50	20.13	2	22
		6	0	19.30	19.36	19.28	3	21
	256QAM	1	0	17.34	17.24	17.10	5	19
		1	2	17.32	17.41	17.20	5	19
		1	5	17.46	17.45	17.30	5	19
		3	0	17.31	17.43	17.12	5	19
		3	1	17.25	17.41	17.22	5	19
		3	3	17.39	17.39	17.29	5	19
		6	0	17.22	17.35	17.19	5	19

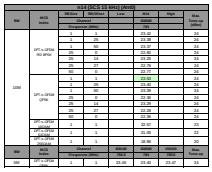


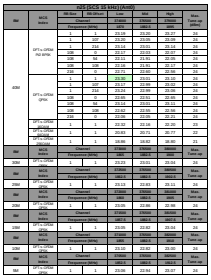


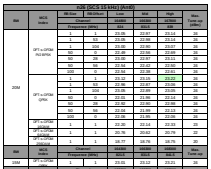


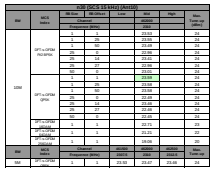


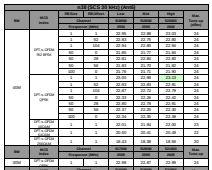


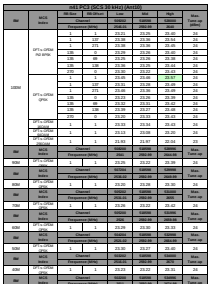


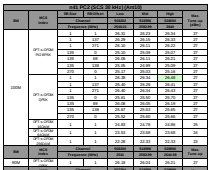


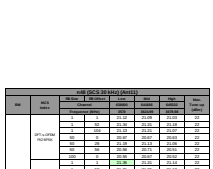


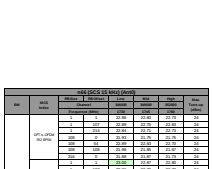


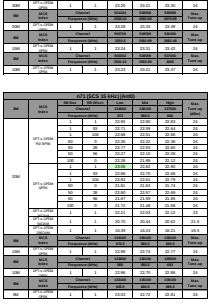


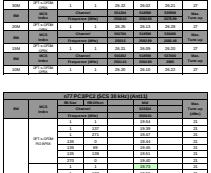


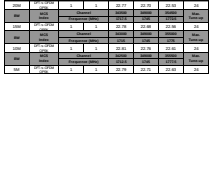


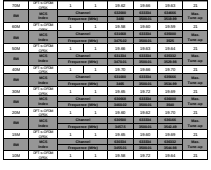


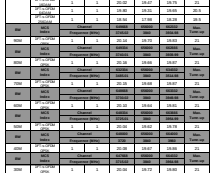


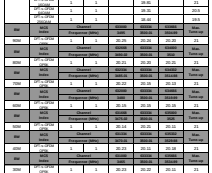












n2 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.31	23.17	23.46	24
		1	53	23.25	23.11	23.07	24
		1	104	23.10	23.32	23.58	24
		50	0	21.96	22.24	22.09	24
		50	28	23.26	23.16	23.53	24
		50	56	22.26	21.97	22.44	24
		100	0	22.42	22.29	22.07	24
	DFT-s-OFDM QPSK	1	1	23.62	23.39	23.19	24
		1	53	23.50	23.29	23.46	24
		1	104	23.25	23.23	23.21	24
		50	0	22.72	22.63	22.53	24
		50	28	23.19	23.15	23.14	24
		50	56	22.67	22.69	22.84	24
		100	0	22.74	22.84	22.77	24
	DFT-s-OFDM	1	1	22.36	21.96	22.52	23
	DFT-s-OFDM	1	1	20.83	20.73	20.76	22
	DFT-s-OFDM	1	1	18.58	18.65	18.67	21
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM	1	1	23.60	23.29	23.11	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM	1	1	23.51	23.24	23.15	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM	1	1	23.49	23.27	23.16	24

n7 (SCS 15 kHz) (Ant10)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		504000	507000	510000	
		Frequence (MHz)		2628	2535	2550	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.29	23.02	23.24	24
		1	108	23.13	23.13	23.16	24
		1	214	22.04	22.17	22.16	24
		108	0	22.43	22.53	22.46	24
		108	54	22.91	22.97	23.20	24
		108	108	22.37	22.35	22.56	24
		216	0	22.59	22.38	22.78	24
	DFT-s-OFDM QPSK	1	1	23.29	22.99	23.32	24
		1	108	22.93	22.95	23.11	24
		1	214	23.01	23.16	23.32	24
		108	0	21.93	21.96	22.27	24
		108	54	22.97	23.03	23.18	24
		108	108	22.05	22.28	22.16	24
		216	0	22.17	21.91	22.12	24
	DFT-s-OFDM	1	1	21.99	22.29	22.26	23
	DFT-s-OFDM	1	1	20.75	20.94	21.19	22
	DFT-s-OFDM	1	1	19.28	19.26	19.35	21
BW	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM	1	1	23.16	23.11	23.25	24
BW	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM	1	1	23.31	23.13	23.33	24
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM	1	1	23.29	23.02	23.31	24
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM	1	1	23.25	22.98	23.32	24
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM	1	1	23.23	23.09	23.28	24
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM	1	1	23.21	23.12	23.24	24

n38 (SCS 30 kHz) (Ant6)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.72	22.85	24
		1	52	22.37	22.33	22.30	24
		1	104	22.69	22.63	22.57	24
		50	0	21.95	22.35	21.72	23
		50	28	22.84	22.49	22.54	23
		50	56	21.92	22.26	22.16	23
		100	0	22.13	22.22	21.77	23
	DFT-s-OFDM QPSK	1	1	22.87	22.97	23.06	24
		1	52	22.70	22.53	22.60	24
		1	104	22.83	22.80	22.93	24
		50	0	21.72	21.42	21.40	23
		50	28	22.53	22.94	22.75	23
		50	56	21.80	21.90	21.75	23
		100	0	21.72	21.67	21.43	23
	DFT-s-OFDM	1	1	21.71	21.98	21.93	23
	DFT-s-OFDM	1	1	20.29	20.13	19.96	22
	DFT-s-OFDM	1	1	18.38	18.54	18.45	20
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM	1	1	22.77	22.93	22.96	24
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM	1	1	22.74	22.94	22.99	24
BW	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM	1	1	22.84	22.83	23.03	24
BW	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM	1	1	22.86	22.92	22.92	24

n66 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequence (MHz)		1730	1745	1760	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.91	22.77	22.77	24
		1	107	22.75	22.56	22.59	24
		1	214	22.82	22.69	22.55	24
		108	0	22.40	22.28	22.34	24
		108	54	22.69	22.65	22.59	24
		108	108	22.27	22.13	22.19	24
		216	0	22.31	22.22	22.28	24
	DFT-s-OFDM QPSK	1	1	22.95	22.85	22.72	24
		1	107	22.87	22.73	22.77	24
		1	214	22.60	22.55	22.66	24
		108	0	21.68	21.69	21.79	24
		108	54	22.73	22.67	22.80	24
		108	108	21.81	21.67	21.69	24
		216	0	21.65	21.73	21.68	24
	DFT-s-OFDM	1	1	21.96	21.87	21.81	23
	DFT-s-OFDM	1	1	20.26	20.06	20.14	21.5
	DFT-s-OFDM	1	1	18.50	18.42	18.38	19.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequence (MHz)		1725	1745	1765	
30M	DFT-s-OFDM	1	1	22.89	22.73	22.64	24
BW	MCS Index	Channel		344500	349000	353500	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5	
25M	DFT-s-OFDM	1	1	22.82	22.75	22.60	24
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequence (MHz)		1720	1745	1770	
20M	DFT-s-OFDM	1	1	22.90	22.77	22.61	24
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM	1	1	22.93	22.84	22.58	24
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	DFT-s-OFDM	1	1	22.89	22.70	22.65	24
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM	1	1	22.83	22.78	22.57	24

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		19.51		21
		1	137		19.34		21
		1	271		19.46		21
		135	0		19.42		21
		135	69		19.43		21
		135	138		19.47		21
		270	0		19.40		21
	DFT-s-OFDM QPSK	1	1		19.69		21
		1	137		19.55		21
		1	271		19.48		21
		135	0		19.34		21
		135	69		19.35		21
		135	138		19.42		21
		270	0		19.40		21
	DFT-s-OFDM 16QAM	1	1		19.62		21
	DFT-s-OFDM 64QAM	1	1		19.30		20.5
	DFT-s-OFDM 256QAM	1	1		18.12		19.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	19.61	19.63	19.65	21
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	19.55	19.56	19.69	21
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	19.59	19.61	19.61	21
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	19.55	19.55	19.54	21
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	19.66	19.60	19.62	21
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	19.69	19.66	19.67	21
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	19.62	19.67	19.65	21
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	19.59	19.61	19.66	21
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	19.63	19.59	19.65	21
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	19.54	19.71	19.61	21

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3830	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	20.05	19.61	19.86	21
		1	137	19.86	19.64	19.77	21
		1	271	19.88	19.38	19.67	21
		135	0	19.88	19.43	19.71	21
		135	69	19.89	19.37	19.65	21
		135	138	19.80	19.44	19.69	21
		270	0	19.70	19.40	19.64	21
	DFT-s-OFDM QPSK	1	1	20.15	19.69	19.89	21
		1	137	19.93	19.55	19.83	21
		1	271	19.86	19.35	19.66	21
		135	0	19.70	19.36	19.52	21
		135	69	19.89	19.49	19.64	21
		135	138	19.79	19.45	19.74	21
		270	0	19.70	19.26	19.67	21
	DFT-s-OFDM 16QAM	1	1	20.01	19.44	19.73	21
	DFT-s-OFDM 64QAM	1	1	19.77	19.31	19.63	20.5
	DFT-s-OFDM 256QAM	1	1	18.53	17.97	18.26	19.5
BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	20.14	19.66	19.80	21
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	20.16	19.62	19.87	21
BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	20.14	19.65	19.85	21
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	20.05	19.61	19.76	21
BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	20.00	19.57	19.76	21
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	20.05	19.65	19.85	21
BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	20.03	19.71	19.80	21
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	20.14	19.68	19.89	21
BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM QPSK	1	1	20.05	19.58	19.78	21
BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequence (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	20.05	19.57	19.83	21

n78 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		20.16		21
		1	137		20.14		21
		1	271		20.01		21
		135	0		19.90		21
		135	69		20.02		21
		135	138		19.77		21
		270	0		20.01		21
	DFT-s-OFDM QPSK	1	1		20.24		21
		1	137		20.05		21
		1	271		20.05		21
		135	0		19.83		21
		135	69		19.85		21
		135	138		19.98		21
		270	0		19.99		21
	DFT-s-OFDM 16QAM	1	1		19.76		21
	DFT-s-OFDM 64QAM	1	1		19.29		20.5
	DFT-s-OFDM 256QAM	1	1		18.39		19.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	20.24	20.23	20.19	21
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	20.19	20.17	20.20	21
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	20.17	20.15	20.10	21
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	20.14	20.15	20.10	21
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	20.11	20.18	20.11	21
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	20.23	20.08	20.17	21
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	20.18	20.21	20.10	21
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	20.16	20.15	20.08	21
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	20.24	20.13	20.18	21
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	20.25	20.13	20.21	21

DSI5 Power

Band	GSM850 (Ant0)				GSM1900 (Ant0)			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	**30.75**	30.56	30.55	32.50	28.94	**29.06**	29.03	30.50
GPRS 1Tx Slot	30.63	30.55	30.55	32.50	28.93	29.05	29.01	30.50
GPRS 2Tx Slot	28.51	28.69	28.59	30.50	27.09	26.94	26.97	28.50
GPRS 3Tx Slot	26.56	26.62	26.52	28.50	25.12	25.05	24.95	26.50
GPRS 4Tx Slot	24.53	24.71	24.56	26.50	22.75	22.90	22.93	24.50
EDGE 1Tx Slot	26.22	26.10	26.18	27.50	25.47	25.46	25.27	26.50
EDGE 2Tx Slot	25.01	24.98	24.82	26.50	24.04	24.29	24.06	25.50
EDGE 3Tx Slot	23.84	23.66	23.86	25.50	22.90	23.17	22.98	24.50
EDGE 4Tx Slot	22.79	22.86	22.82	24.50	21.86	22.06	22.00	23.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	21.75	21.56	21.55	23.50	19.94	20.06	20.03	21.50
GPRS 1Tx Slot	21.63	21.55	21.55	23.50	19.93	20.05	20.01	21.50
GPRS 2Tx Slot	22.51	22.69	22.59	24.50	21.09	20.94	20.97	22.50
GPRS 3Tx Slot	22.30	22.36	22.26	24.24	20.86	20.79	20.69	22.24
GPRS 4Tx Slot	21.53	21.71	21.56	23.50	19.75	19.90	19.93	21.50
EDGE 1Tx Slot	17.22	17.10	17.18	18.50	16.47	16.46	16.27	17.50
EDGE 2Tx Slot	19.01	18.98	18.82	20.50	18.04	18.29	18.06	19.50
EDGE 3Tx Slot	19.58	19.40	19.60	21.24	18.64	18.91	18.72	20.24
EDGE 4Tx Slot	19.79	19.86	19.82	21.50	18.86	19.06	19.00	20.50

Band	WCDMA II (Ant0)			WCDMA II	WCDMA IV (Ant0)			WCDMA IV	WCDMA V (Ant0)			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	**22.98**	22.97	22.87	**24.00**	22.85	**22.86**	22.83	**24.00**	22.87	**22.94**	22.88	**24.00**
HSDPA Subtest-1	22.06	22.02	22.05	23.00	21.89	21.89	21.90	23.00	21.95	21.91	21.91	23.00
HSDPA Subtest-2	21.96	22.06	21.97	23.00	21.82	21.88	21.86	23.00	21.93	21.88	21.99	23.00
HSDPA Subtest-3	21.55	21.49	21.36	22.50	21.30	21.35	21.33	22.50	21.42	21.40	21.46	22.50
HSDPA Subtest-4	21.51	21.50	21.46	22.50	21.41	21.44	21.41	22.50	21.45	21.47	21.35	22.50
DC-HSDPA Subtest-1	22.04	22.04	21.96	23.00	21.86	21.92	21.90	23.00	21.96	21.82	21.99	23.00
DC-HSDPA Subtest-2	22.00	22.06	22.03	23.00	21.87	21.87	21.83	23.00	21.89	21.89	21.94	23.00
DC-HSDPA Subtest-3	21.54	21.56	21.34	22.50	21.35	21.38	21.41	22.50	21.33	21.41	21.43	22.50
DC-HSDPA Subtest-4	21.54	21.42	21.35	22.50	21.40	21.45	21.35	22.50	21.36	21.39	21.38	22.50
HSUPA Subtest-1	21.97	22.02	21.85	23.00	21.90	21.87	21.90	23.00	21.95	21.98	21.94	23.00
HSUPA Subtest-2	19.94	20.04	19.82	21.00	19.86	19.81	19.84	21.00	19.92	19.93	19.95	21.00
HSUPA Subtest-3	21.03	20.95	20.93	22.00	20.80	20.94	20.82	22.00	20.84	20.92	20.89	22.00
HSUPA Subtest-4	20.00	20.03	19.82	21.00	19.93	19.85	19.86	21.00	19.96	19.99	19.93	21.00
HSUPA Subtest-5	22.06	22.04	21.95	23.00	21.82	21.86	21.87	23.00	21.85	22.00	21.84	23.00
HSPA+ Subtest-1	19.50	19.44	19.36	20.50	19.36	19.38	19.41	20.50	19.34	19.44	19.40	20.50

LTE Band 2 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.56**	22.52	22.42	0	24
		1	50	22.46	22.45	22.33	0	24
		1	99	22.28	22.32	22.30	0	24
		50	0	21.59	21.49	21.41	1	23
		50	25	21.64	21.53	21.58	1	23
		50	50	21.62	21.50	21.55	1	23
		100	0	21.59	21.48	21.52	1	23
	16QAM	1	0	21.54	21.51	21.48	1	23
		1	50	21.57	21.56	21.48	1	23
		1	99	21.49	21.45	21.32	1	23
		50	0	20.54	20.52	20.49	2	22
		50	25	20.62	20.56	20.48	2	22
		50	50	20.52	20.59	20.43	2	22
		100	0	20.66	20.58	20.57	2	22
	64QAM	1	0	20.59	20.57	20.52	2	22
		1	50	20.49	20.47	20.42	2	22
		1	99	20.48	20.50	20.35	2	22
		50	0	19.52	19.50	19.46	3	21
		50	25	19.68	19.63	19.52	3	21
		50	50	19.53	19.53	19.43	3	21
		100	0	19.68	19.49	19.46	3	21
	256QAM	1	0	17.56	17.45	17.49	5	19
		1	50	17.42	17.42	17.33	5	19
		1	99	17.41	17.48	17.22	5	19
		50	0	17.43	17.36	17.37	5	19
		50	25	17.67	17.48	17.46	5	19
		50	50	17.42	17.49	17.33	5	19
		100	0	17.56	17.40	17.38	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	22.53	22.43	22.35	0	24
		1	37	22.38	22.41	22.31	0	24
		1	74	22.27	22.18	22.23	0	24
		36	0	21.48	21.45	21.40	1	23
		36	19	21.59	21.49	21.43	1	23
		36	39	21.50	21.38	21.46	1	23
		75	0	21.44	21.35	21.45	1	23
	16QAM	1	0	21.46	21.45	21.35	1	23
		1	37	21.56	21.54	21.38	1	23
		1	74	21.44	21.34	21.29	1	23
		36	0	20.49	20.39	20.34	2	22
		36	19	20.53	20.51	20.33	2	22
		36	39	20.37	20.48	20.38	2	22
		75	0	20.64	20.54	20.49	2	22
	64QAM	1	0	20.44	20.51	20.42	2	22
		1	37	20.35	20.37	20.36	2	22
		1	74	20.47	20.40	20.33	2	22
		36	0	19.41	19.48	19.40	3	21
		36	19	19.57	19.52	19.38	3	21
		36	39	19.38	19.49	19.35	3	21
		75	0	19.57	19.42	19.39	3	21
	256QAM	1	0	17.53	17.40	17.45	5	19
		1	37	17.40	17.33	17.18	5	19
		1	74	17.33	17.36	17.18	5	19
		36	0	17.35	17.28	17.30	5	19
		36	19	17.57	17.47	17.39	5	19
		36	39	17.38	17.35	17.19	5	19
		75	0	17.44	17.34	17.35	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	22.47	22.49	22.30	0	24
		1	24	22.44	22.32	22.23	0	24
		1	49	22.19	22.17	22.16	0	24
		25	0	21.57	21.38	21.33	1	23
		25	12	21.63	21.48	21.51	1	23
		25	25	21.60	21.40	21.41	1	23
		50	0	21.44	21.45	21.46	1	23
	16QAM	1	0	21.45	21.40	21.33	1	23
		1	24	21.55	21.45	21.46	1	23
		1	49	21.43	21.38	21.30	1	23
		25	0	20.44	20.43	20.38	2	22
		25	12	20.52	20.44	20.39	2	22
		25	25	20.41	20.54	20.37	2	22
		50	0	20.56	20.46	20.54	2	22
	64QAM	1	0	20.48	20.46	20.38	2	22
		1	24	20.45	20.41	20.32	2	22
		1	49	20.34	20.47	20.20	2	22
		25	0	19.40	19.42	19.33	3	21
		25	12	19.65	19.61	19.39	3	21
		25	25	19.47	19.46	19.41	3	21
		50	0	19.54	19.35	19.37	3	21
	256QAM	1	0	17.54	17.39	17.41	5	19
		1	24	17.37	17.37	17.25	5	19
		1	49	17.37	17.39	17.07	5	19
		25	0	17.39	17.29	17.36	5	19
		25	12	17.61	17.35	17.45	5	19
		25	25	17.32	17.46	17.21	5	19
		50	0	17.41	17.37	17.30	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	22.42	22.50	22.38	0	24
		1	12	22.38	22.38	22.29	0	24
		1	24	22.21	22.31	22.18	0	24
		12	0	21.54	21.45	21.31	1	23
		12	6	21.52	21.44	21.44	1	23
		12	13	21.57	21.40	21.52	1	23
		25	0	21.48	21.36	21.43	1	23
	16QAM	1	0	21.48	21.48	21.36	1	23
		1	12	21.45	21.48	21.47	1	23
		1	24	21.36	21.31	21.24	1	23
		12	0	20.51	20.39	20.40	2	22
		12	6	20.51	20.46	20.36	2	22
		12	13	20.45	20.44	20.33	2	22
		25	0	20.61	20.56	20.54	2	22
	64QAM	1	0	20.44	20.50	20.43	2	22
		1	12	20.37	20.40	20.35	2	22
		1	24	20.44	20.38	20.31	2	22
		12	0	19.44	19.48	19.33	3	21
		12	6	19.54	19.53	19.50	3	21
		12	13	19.48	19.42	19.40	3	21
		25	0	19.65	19.37	19.44	3	21
	256QAM	1	0	17.46	17.34	17.45	5	19
		1	12	17.35	17.37	17.26	5	19
		1	24	17.28	17.47	17.17	5	19
		12	0	17.36	17.27	17.26	5	19
		12	6	17.61	17.33	17.36	5	19
		12	13	17.37	17.34	17.25	5	19
		25	0	17.54	17.30	17.35	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	22.43	22.42	22.36	0	24
		1	7	22.43	22.33	22.25	0	24
		1	14	22.19	22.22	22.27	0	24
		8	0	21.51	21.47	21.26	1	23
		8	3	21.49	21.46	21.54	1	23
		8	7	21.55	21.42	21.46	1	23
		15	0	21.55	21.39	21.49	1	23
	16QAM	1	0	21.53	21.44	21.36	1	23
		1	7	21.55	21.43	21.46	1	23
		1	14	21.48	21.44	21.17	1	23
		8	0	20.52	20.43	20.38	2	22
		8	3	20.51	20.44	20.43	2	22
		8	7	20.49	20.54	20.34	2	22
		15	0	20.64	20.50	20.44	2	22
	64QAM	1	0	20.48	20.49	20.41	2	22
		1	7	20.48	20.43	20.32	2	22
		1	14	20.41	20.42	20.28	2	22
		8	0	19.39	19.45	19.31	3	21
		8	3	19.58	19.59	19.37	3	21
		8	7	19.43	19.51	19.36	3	21
		15	0	19.54	19.46	19.37	3	21
	256QAM	1	0	17.55	17.39	17.36	5	19
		1	7	17.31	17.36	17.28	5	19
		1	14	17.33	17.36	17.09	5	19
		8	0	17.28	17.27	17.32	5	19
		8	3	17.58	17.35	17.44	5	19
		8	7	17.36	17.41	17.25	5	19
		15	0	17.47	17.28	17.23	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	22.41	22.46	22.38	0	24
		1	2	22.45	22.43	22.27	0	24
		1	5	22.20	22.28	22.23	0	24
		3	0	22.27	22.14	22.19	0	24
		3	1	22.41	22.27	22.37	0	24
		3	3	22.35	22.24	22.29	0	24
		6	0	21.48	21.34	21.42	1	23
	16QAM	1	0	21.53	21.47	21.44	1	23
		1	2	21.47	21.41	21.40	1	23
		1	5	21.38	21.34	21.18	1	23
		3	0	21.42	21.51	21.42	1	23
		3	1	21.49	21.45	21.45	1	23
		3	3	21.47	21.51	21.34	1	23
		6	0	20.55	20.44	20.48	2	22
	64QAM	1	0	20.49	20.53	20.37	2	22
		1	2	20.43	20.34	20.32	2	22
		1	5	20.44	20.43	20.25	2	22
		3	0	20.49	20.42	20.32	2	22
		3	1	20.53	20.49	20.44	2	22
		3	3	20.49	20.40	20.38	2	22
		6	0	19.66	19.37	19.42	3	21
	256QAM	1	0	17.48	17.31	17.39	5	19
		1	2	17.30	17.35	17.24	5	19
		1	5	17.38	17.47	17.21	5	19
		3	0	17.40	17.27	17.26	5	19
		3	1	17.54	17.33	17.44	5	19
		3	3	17.40	17.34	17.26	5	19
		6	0	17.47	17.35	17.35	5	19

LTE Band 4 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	**22.57**	22.47	22.50	0	24
		1	50	22.39	22.42	22.45	0	24
		1	99	22.35	22.44	22.37	0	24
		50	0	21.45	21.35	21.43	1	23
		50	25	21.58	21.47	21.53	1	23
		50	50	21.52	21.52	21.47	1	23
		100	0	21.49	21.54	21.51	1	23
	16QAM	1	0	21.70	21.60	21.73	1	23
		1	50	21.55	21.46	21.43	1	23
		1	99	21.61	21.52	21.55	1	23
		50	0	20.45	20.50	20.42	2	22
		50	25	20.55	20.57	20.58	2	22
		50	50	20.57	20.51	20.45	2	22
		100	0	20.51	20.50	20.54	2	22
	64QAM	1	0	20.62	20.61	20.61	2	22
		1	50	20.52	20.50	20.54	2	22
		1	99	20.65	20.48	20.63	2	22
		50	0	19.57	19.50	19.52	3	21
		50	25	19.51	19.47	19.43	3	21
		50	50	19.53	19.44	19.51	3	21
		100	0	19.58	19.58	19.47	3	21
	256QAM	1	0	17.58	17.60	17.56	5	19
		1	50	17.45	17.46	17.53	5	19
		1	99	17.62	17.46	17.60	5	19
		50	0	17.42	17.37	17.51	5	19
		50	25	17.42	17.33	17.37	5	19
		50	50	17.44	17.32	17.38	5	19
		100	0	17.55	17.54	17.43	5	19
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	22.42	22.44	22.36	0	24
		1	37	22.37	22.34	22.31	0	24
		1	74	22.22	22.41	22.33	0	24
		36	0	21.43	21.25	21.34	1	23
		36	19	21.48	21.35	21.46	1	23
		36	39	21.40	21.44	21.35	1	23
		75	0	21.44	21.42	21.37	1	23
	16QAM	1	0	21.69	21.50	21.60	1	23
		1	37	21.43	21.43	21.41	1	23
		1	74	21.49	21.51	21.43	1	23
		36	0	20.42	20.39	20.39	2	22
		36	19	20.51	20.42	20.48	2	22
		36	39	20.47	20.37	20.34	2	22
		75	0	20.50	20.49	20.46	2	22
	64QAM	1	0	20.54	20.59	20.58	2	22
		1	37	20.44	20.42	20.41	2	22
		1	74	20.63	20.34	20.59	2	22
		36	0	19.50	19.44	19.38	3	21
		36	19	19.42	19.39	19.36	3	21
		36	39	19.41	19.39	19.36	3	21
		75	0	19.52	19.46	19.42	3	21
	256QAM	1	0	17.50	17.49	17.52	5	19
		1	37	17.41	17.43	17.46	5	19
		1	74	17.54	17.33	17.58	5	19
		36	0	17.40	17.34	17.40	5	19
		36	19	17.28	17.25	17.28	5	19
		36	39	17.41	17.18	17.23	5	19
		75	0	17.49	17.53	17.42	5	19
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	22.51	22.43	22.35	0	24
		1	24	22.30	22.33	22.31	0	24
		1	49	22.20	22.41	22.29	0	24
		25	0	21.40	21.23	21.35	1	23
		25	12	21.44	21.34	21.38	1	23
		25	25	21.48	21.39	21.32	1	23
		50	0	21.42	21.46	21.40	1	23
	16QAM	1	0	21.59	21.48	21.64	1	23
		1	24	21.51	21.42	21.31	1	23
		1	49	21.46	21.43	21.46	1	23
		25	0	20.43	20.37	20.38	2	22
		25	12	20.41	20.43	20.48	2	22
		25	25	20.50	20.49	20.33	2	22
		50	0	20.46	20.40	20.44	2	22
	64QAM	1	0	20.49	20.50	20.53	2	22
		1	24	20.43	20.37	20.44	2	22
		1	49	20.56	20.35	20.49	2	22
		25	0	19.54	19.42	19.44	3	21
		25	12	19.41	19.38	19.42	3	21
		25	25	19.39	19.39	19.40	3	21
		50	0	19.55	19.53	19.36	3	21
	256QAM	1	0	17.55	17.59	17.50	5	19
		1	24	17.31	17.42	17.45	5	19
		1	49	17.61	17.34	17.57	5	19
		25	0	17.38	17.31	17.50	5	19
		25	12	17.38	17.32	17.33	5	19
		25	25	17.43	17.17	17.37	5	19
		50	0	17.54	17.43	17.28	5	19
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	22.54	22.33	22.47	0	24
		1	12	22.24	22.31	22.39	0	24
		1	24	22.24	22.41	22.35	0	24
		12	0	21.39	21.23	21.38	1	23
		12	6	21.54	21.42	21.42	1	23
		12	13	21.51	21.40	21.46	1	23
		25	0	21.37	21.45	21.36	1	23
	16QAM	1	0	21.63	21.51	21.59	1	23
		1	12	21.47	21.34	21.40	1	23
		1	24	21.49	21.45	21.48	1	23
		12	0	20.39	20.44	20.32	2	22
		12	6	20.50	20.42	20.53	2	22
		12	13	20.53	20.50	20.30	2	22
		25	0	20.41	20.35	20.51	2	22
	64QAM	1	0	20.51	20.50	20.59	2	22
		1	12	20.42	20.43	20.42	2	22
		1	24	20.63	20.39	20.59	2	22
		12	0	19.51	19.44	19.37	3	21
		12	6	19.50	19.45	19.38	3	21
		12	13	19.48	19.31	19.36	3	21
		25	0	19.55	19.52	19.43	3	21
	256QAM	1	0	17.48	17.53	17.52	5	19
		1	12	17.43	17.44	17.51	5	19
		1	24	17.61	17.45	17.46	5	19
		12	0	17.34	17.36	17.50	5	19
		12	6	17.34	17.29	17.31	5	19
		12	13	17.43	17.23	17.30	5	19
		25	0	17.54	17.45	17.41	5	19
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	22.56	22.46	22.37	0	24
		1	7	22.35	22.40	22.41	0	24
		1	14	22.31	22.35	22.30	0	24
		8	0	21.33	21.34	21.31	1	23
		8	3	21.45	21.32	21.49	1	23
		8	7	21.43	21.38	21.34	1	23
		15	0	21.34	21.40	21.45	1	23
	16QAM	1	0	21.69	21.48	21.60	1	23
		1	7	21.45	21.34	21.36	1	23
		1	14	21.56	21.49	21.52	1	23
		8	0	20.38	20.36	20.30	2	22
		8	3	20.54	20.42	20.44	2	22
		8	7	20.44	20.43	20.44	2	22
		15	0	20.46	20.38	20.46	2	22
	64QAM	1	0	20.57	20.53	20.58	2	22
		1	7	20.42	20.49	20.51	2	22
		1	14	20.63	20.39	20.51	2	22
		8	0	19.43	19.35	19.48	3	21
		8	3	19.50	19.33	19.39	3	21
		8	7	19.39	19.29	19.43	3	21
		15	0	19.43	19.55	19.34	3	21
	256QAM	1	0	17.43	17.53	17.55	5	19
		1	7	17.31	17.38	17.46	5	19
		1	14	17.61	17.44	17.54	5	19
		8	0	17.32	17.34	17.44	5	19
		8	3	17.35	17.31	17.29	5	19
		8	7	17.43	17.28	17.34	5	19
		15	0	17.42	17.49	17.34	5	19
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	22.52	22.35	22.44	0	24
		1	2	22.34	22.41	22.35	0	24
		1	5	22.26	22.31	22.33	0	24
		3	0	22.10	22.14	22.11	0	24
		3	1	22.34	22.13	22.19	0	24
		3	3	22.29	22.30	22.25	0	24
		6	0	21.41	21.41	21.46	1	23
	16QAM	1	0	21.61	21.53	21.60	1	23
		1	2	21.51	21.42	21.30	1	23
		1	5	21.57	21.38	21.45	1	23
		3	0	21.32	21.49	21.31	1	23
		3	1	21.45	21.55	21.49	1	23
		3	3	21.49	21.42	21.43	1	23
		6	0	20.49	20.38	20.44	2	22
	64QAM	1	0	20.48	20.52	20.52	2	22
		1	2	20.40	20.45	20.47	2	22
		1	5	20.61	20.34	20.55	2	22
		3	0	20.54	20.48	20.42	2	22
		3	1	20.46	20.46	20.38	2	22
		3	3	20.47	20.29	20.37	2	22
		6	0	19.46	19.56	19.46	3	21
	256QAM	1	0	17.52	17.51	17.43	5	19
		1	2	17.43	17.44	17.44	5	19
		1	5	17.61	17.43	17.50	5	19
		3	0	17.40	17.33	17.48	5	19
		3	1	17.28	17.25	17.28	5	19
		3	3	17.34	17.25	17.31	5	19
		6	0	17.49	17.40	17.33	5	19

LTE Band 5 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	22.49	22.55	**22.66**	0	24
		1	24	22.58	22.45	22.49	0	24
		1	49	22.46	22.48	22.58	0	24
		25	0	21.57	21.49	21.57	1	23
		25	12	21.54	21.61	21.62	1	23
		25	25	21.65	21.53	21.61	1	23
		50	0	21.65	21.63	21.58	1	23
	16QAM	1	0	21.79	21.73	21.77	1	23
		1	24	21.70	21.61	21.67	1	23
		1	49	21.67	21.66	21.67	1	23
		25	0	20.52	20.53	20.59	2	22
		25	12	20.68	20.53	20.65	2	22
		25	25	20.70	20.67	20.73	2	22
		50	0	20.63	20.56	20.60	2	22
	64QAM	1	0	20.63	20.66	20.76	2	22
		1	24	20.67	20.73	20.76	2	22
		1	49	20.61	20.60	20.56	2	22
		25	0	19.58	19.59	19.69	3	21
		25	12	19.61	19.59	19.60	3	21
		25	25	19.57	19.60	19.62	3	21
		50	0	19.48	19.48	19.58	3	21
	256QAM	1	0	17.61	17.62	17.71	5	19
		1	24	17.57	17.65	17.64	5	19
		1	49	17.49	17.52	17.42	5	19
		25	0	17.50	17.57	17.62	5	19
		25	12	17.46	17.49	17.55	5	19
		25	25	17.51	17.48	17.59	5	19
		50	0	17.41	17.42	17.45	5	19
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	22.35	22.51	22.61	0	24
		1	12	22.55	22.31	22.48	0	24
		1	24	22.32	22.39	22.47	0	24
		12	0	21.56	21.48	21.46	1	23
		12	6	21.43	21.55	21.51	1	23
		12	13	21.51	21.52	21.48	1	23
		25	0	21.55	21.50	21.57	1	23
	16QAM	1	0	21.76	21.58	21.73	1	23
		1	12	21.60	21.50	21.58	1	23
		1	24	21.66	21.56	21.63	1	23
		12	0	20.46	20.44	20.56	2	22
		12	6	20.65	20.42	20.60	2	22
		12	13	20.60	20.59	20.63	2	22
		25	0	20.52	20.49	20.59	2	22
	64QAM	1	0	20.56	20.57	20.68	2	22
		1	12	20.53	20.69	20.70	2	22
		1	24	20.59	20.46	20.52	2	22
		12	0	19.51	19.57	19.64	3	21
		12	6	19.52	19.48	19.50	3	21
		12	13	19.48	19.58	19.49	3	21
		25	0	19.38	19.38	19.45	3	21
	256QAM	1	0	17.58	17.51	17.57	5	19
		1	12	17.48	17.61	17.51	5	19
		1	24	17.42	17.42	17.29	5	19
		12	0	17.45	17.48	17.57	5	19
		12	6	17.32	17.39	17.42	5	19
		12	13	17.42	17.42	17.47	5	19
		25	0	17.35	17.34	17.41	5	19
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	22.40	22.51	22.60	0	24
		1	7	22.44	22.36	22.38	0	24
		1	14	22.35	22.44	22.44	0	24
		8	0	21.42	21.46	21.42	1	23
		8	3	21.42	21.58	21.54	1	23
		8	7	21.57	21.46	21.54	1	23
		15	0	21.63	21.55	21.57	1	23
	16QAM	1	0	21.71	21.72	21.67	1	23
		1	7	21.58	21.50	21.55	1	23
		1	14	21.62	21.58	21.59	1	23
		8	0	20.50	20.50	20.53	2	22
		8	3	20.60	20.47	20.56	2	22
		8	7	20.58	20.66	20.70	2	22
		15	0	20.50	20.42	20.58	2	22
	64QAM	1	0	20.57	20.55	20.66	2	22
		1	7	20.61	20.59	20.72	2	22
		1	14	20.54	20.48	20.55	2	22
		8	0	19.45	19.54	19.60	3	21
		8	3	19.50	19.50	19.58	3	21
		8	7	19.50	19.47	19.49	3	21
		15	0	19.33	19.33	19.44	3	21
	256QAM	1	0	17.58	17.54	17.57	5	19
		1	7	17.46	17.53	17.61	5	19
		1	14	17.34	17.44	17.41	5	19
		8	0	17.45	17.51	17.48	5	19
		8	3	17.38	17.36	17.52	5	19
		8	7	17.42	17.46	17.50	5	19
		15	0	17.39	17.35	17.39	5	19
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	22.37	22.45	22.64	0	24
		1	2	22.48	22.36	22.46	0	24
		1	5	22.43	22.46	22.49	0	24
		3	0	22.34	22.24	22.35	0	24
		3	1	22.19	22.26	22.37	0	24
		3	3	22.32	22.23	22.40	0	24
		6	0	21.61	21.60	21.51	1	23
	16QAM	1	0	21.78	21.68	21.76	1	23
		1	2	21.62	21.47	21.63	1	23
		1	5	21.64	21.65	21.53	1	23
		3	0	21.45	21.46	21.46	1	23
		3	1	21.62	21.43	21.61	1	23
		3	3	21.63	21.55	21.60	1	23
		6	0	20.57	20.43	20.58	2	22
	64QAM	1	0	20.55	20.51	20.71	2	22
		1	2	20.54	20.60	20.67	2	22
		1	5	20.58	20.46	20.44	2	22
		3	0	20.47	20.52	20.65	2	22
		3	1	20.46	20.50	20.49	2	22
		3	3	20.43	20.54	20.47	2	22
		6	0	19.34	19.45	19.56	3	21
	256QAM	1	0	17.57	17.49	17.63	5	19
		1	2	17.49	17.55	17.54	5	19
		1	5	17.34	17.42	17.37	5	19
		3	0	17.46	17.53	17.48	5	19
		3	1	17.31	17.47	17.47	5	19
		3	3	17.40	17.37	17.45	5	19
		6	0	17.40	17.38	17.30	5	19

LTE Band 7 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.37	22.50	22.44	0	24
		1	50	22.45	22.55	22.52	0	24
		1	99	22.49	22.57	**22.68**	0	24
		50	0	21.46	21.45	21.53	1	23
		50	25	21.48	21.53	21.63	1	23
		50	50	21.60	21.65	21.68	1	23
		100	0	21.44	21.49	21.57	1	23
	16QAM	1	0	21.64	21.76	21.80	1	23
		1	50	21.78	21.81	21.83	1	23
		1	99	21.74	21.82	21.90	1	23
		50	0	20.52	20.54	20.52	2	22
		50	25	20.48	20.55	20.60	2	22
		50	50	20.59	20.78	20.70	2	22
		100	0	20.53	20.60	20.63	2	22
	64QAM	1	0	20.50	20.51	20.57	2	22
		1	50	20.57	20.71	20.78	2	22
		1	99	20.68	20.76	20.71	2	22
		50	0	19.50	19.59	19.55	3	21
		50	25	19.50	19.66	19.60	3	21
		50	50	19.65	19.70	19.75	3	21
		100	0	19.56	19.65	19.57	3	21
	256QAM	1	0	17.42	17.37	17.59	5	19
		1	50	17.45	17.64	17.61	5	19
		1	99	17.36	17.53	17.61	5	19
		50	0	16.20	16.35	16.42	5	19
		50	25	16.55	16.49	16.53	5	19
		50	50	16.47	16.44	16.47	5	19
		100	0	16.36	16.37	16.39	5	19
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.31	22.42	22.40	0	24
		1	37	22.37	22.42	22.48	0	24
		1	74	22.44	22.44	22.57	0	24
		36	0	21.32	21.32	21.43	1	23
		36	19	21.37	21.47	21.53	1	23
		36	39	21.48	21.60	21.62	1	23
		75	0	21.38	21.34	21.53	1	23
	16QAM	1	0	21.59	21.71	21.77	1	23
		1	37	21.74	21.80	21.74	1	23
		1	74	21.69	21.70	21.81	1	23
		36	0	20.45	20.51	20.40	2	22
		36	19	20.43	20.44	20.57	2	22
		36	39	20.53	20.75	20.55	2	22
		75	0	20.39	20.49	20.59	2	22
	64QAM	1	0	20.48	20.43	20.54	2	22
		1	37	20.43	20.67	20.65	2	22
		1	74	20.59	20.74	20.61	2	22
		36	0	19.36	19.58	19.46	3	21
		36	19	19.35	19.55	19.52	3	21
		36	39	19.59	19.61	19.73	3	21
		75	0	19.52	19.55	19.48	3	21
	256QAM	1	0	17.29	17.32	17.54	5	19
		1	37	17.39	17.51	17.56	5	19
		1	74	17.27	17.43	17.52	5	19
		36	0	16.17	16.34	16.32	5	19
		36	19	16.43	16.39	16.41	5	19
		36	39	16.44	16.31	16.34	5	19
		75	0	16.34	16.24	16.24	5	19
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.31	22.43	22.32	0	24
		1	24	22.40	22.41	22.51	0	24
		1	49	22.47	22.49	22.60	0	24
		25	0	21.34	21.39	21.43	1	23
		25	12	21.46	21.47	21.61	1	23
		25	25	21.46	21.55	21.53	1	23
		50	0	21.32	21.45	21.54	1	23
	16QAM	1	0	21.59	21.71	21.67	1	23
		1	24	21.71	21.66	21.76	1	23
		1	49	21.69	21.77	21.80	1	23
		25	0	20.45	20.50	20.41	2	22
		25	12	20.45	20.54	20.54	2	22
		25	25	20.46	20.70	20.63	2	22
		50	0	20.40	20.59	20.49	2	22
	64QAM	1	0	20.49	20.45	20.43	2	22
		1	24	20.46	20.62	20.67	2	22
		1	49	20.57	20.65	20.58	2	22
		25	0	19.41	19.44	19.52	3	21
		25	12	19.43	19.51	19.58	3	21
		25	25	19.52	19.60	19.60	3	21
		50	0	19.42	19.55	19.55	3	21
	256QAM	1	0	17.37	17.26	17.58	5	19
		1	24	17.43	17.52	17.50	5	19
		1	49	17.30	17.45	17.52	5	19
		25	0	16.05	16.27	16.36	5	19
		25	12	16.42	16.48	16.47	5	19
		25	25	16.35	16.32	16.40	5	19
		50	0	16.24	16.27	16.27	5	19
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.26	22.43	22.33	0	24
		1	12	22.30	22.45	22.48	0	24
		1	24	22.38	22.53	22.56	0	24
		12	0	21.31	21.38	21.40	1	23
		12	6	21.33	21.48	21.54	1	23
		12	13	21.57	21.61	21.58	1	23
		25	0	21.42	21.38	21.47	1	23
	16QAM	1	0	21.55	21.62	21.69	1	23
		1	12	21.69	21.66	21.69	1	23
		1	24	21.63	21.71	21.81	1	23
		12	0	20.48	20.48	20.37	2	22
		12	6	20.40	20.46	20.50	2	22
		12	13	20.53	20.70	20.61	2	22
		25	0	20.40	20.57	20.57	2	22
	64QAM	1	0	20.40	20.47	20.43	2	22
		1	12	20.45	20.62	20.69	2	22
		1	24	20.54	20.71	20.59	2	22
		12	0	19.36	19.47	19.43	3	21
		12	6	19.38	19.58	19.49	3	21
		12	13	19.51	19.59	19.73	3	21
		25	0	19.49	19.54	19.42	3	21
	256QAM	1	0	17.31	17.36	17.48	5	19
		1	12	17.32	17.51	17.50	5	19
		1	24	17.29	17.42	17.55	5	19
		12	0	16.10	16.31	16.28	5	19
		12	6	16.41	16.39	16.42	5	19
		12	13	16.35	16.35	16.34	5	19
		25	0	16.33	16.29	16.33	5	19

LTE Band 12 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23060	23095	23130		
		Frequency (MHz)		704	707.5	711		
10M	QPSK	1	0	22.32	22.23	22.28	0	24
		1	24	22.39	22.36	22.34	0	24
		1	49	**22.42**	22.38	22.34	0	24
		25	0	21.39	21.24	21.31	1	23
		25	12	21.36	21.39	21.31	1	23
		25	25	21.40	21.40	21.35	1	23
		50	0	21.39	21.32	21.36	1	23
	16QAM	1	0	21.53	21.43	21.47	1	23
		1	24	21.53	21.49	21.52	1	23
		1	49	21.54	21.52	21.56	1	23
		25	0	20.36	20.27	20.35	2	22
		25	12	20.47	20.38	20.49	2	22
		25	25	20.47	20.44	20.41	2	22
		50	0	20.44	20.34	20.39	2	22
	64QAM	1	0	20.51	20.37	20.39	2	22
		1	24	20.48	20.48	20.48	2	22
		1	49	20.52	20.56	20.49	2	22
		25	0	19.27	19.39	19.37	3	21
		25	12	19.51	19.33	19.44	3	21
		25	25	19.48	19.37	19.51	3	21
		50	0	19.35	19.42	19.32	3	21
	256QAM	1	0	17.47	17.25	17.38	5	19
		1	24	17.42	17.42	17.35	5	19
		1	49	17.38	17.45	17.38	5	19
		25	0	17.17	17.23	17.36	5	19
		25	12	17.44	17.31	17.40	5	19
		25	25	17.34	17.23	17.37	5	19
		50	0	17.23	17.32	17.24	5	19

BW	Modulation	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
5M	QPSK	1	0	22.30	22.16	22.16	0	24
		1	12	22.28	22.25	22.19	0	24
		1	24	22.39	22.15	22.29	0	24
		12	0	21.33	21.15	21.27	1	23
		12	6	21.25	21.28	21.26	1	23
		12	13	21.29	21.36	21.28	1	23
		25	0	21.24	21.25	21.26	1	23
	16QAM	1	0	21.48	21.28	21.43	1	23
		1	12	21.51	21.38	21.45	1	23
		1	24	21.53	21.37	21.41	1	23
		12	0	20.33	20.22	20.30	2	22
		12	6	20.32	20.34	20.30	2	22
		12	13	20.41	20.43	20.38	2	22
		25	0	20.38	20.29	20.36	2	22
	64QAM	1	0	20.38	20.28	20.34	2	22
		1	12	20.42	20.34	20.36	2	22
		1	24	20.51	20.48	20.42	2	22
		12	0	19.23	19.26	19.23	3	21
		12	6	19.39	19.24	19.33	3	21
		12	13	19.43	19.37	19.47	3	21
		25	0	19.21	19.27	19.21	3	21
	256QAM	1	0	17.42	17.11	17.27	5	19
		1	12	17.32	17.33	17.36	5	19
		1	24	17.17	17.32	17.33	5	19
		12	0	17.05	17.08	17.34	5	19
		12	6	17.42	17.20	17.32	5	19
		12	13	17.31	17.09	17.34	5	19
		25	0	17.13	17.22	17.13	5	19

BW	Modulation	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		700.5	707.5	714.5		
3M	QPSK	1	0	22.24	22.20	22.18	0	24
		1	7	22.25	22.18	22.19	0	24
		1	14	22.27	22.21	22.19	0	24
		8	0	21.21	21.23	21.24	1	23
		8	3	21.35	21.28	21.22	1	23
		8	7	21.37	21.31	21.32	1	23
		15	0	21.30	21.30	21.35	1	23
	16QAM	1	0	21.49	21.37	21.33	1	23
		1	7	21.48	21.48	21.45	1	23
		1	14	21.50	21.46	21.48	1	23
		8	0	20.37	20.18	20.30	2	22
		8	3	20.43	20.34	20.44	2	22
		8	7	20.44	20.41	20.26	2	22
		15	0	20.28	20.31	20.27	2	22
	64QAM	1	0	20.44	20.27	20.28	2	22
		1	7	20.41	20.43	20.41	2	22
		1	14	20.37	20.41	20.37	2	22
		8	0	19.17	19.21	19.28	3	21
		8	3	19.43	19.18	19.34	3	21
		8	7	19.34	19.28	19.47	3	21
		15	0	19.33	19.32	19.31	3	21
	256QAM	1	0	17.46	17.34	17.18	5	19
		1	7	17.39	17.31	17.34	5	19
		1	14	17.30	17.40	17.26	5	19
		8	0	17.08	17.12	17.26	5	19
		8	3	17.35	17.30	17.39	5	19
		8	7	17.18	17.11	17.36	5	19
		15	0	17.21	17.23	17.21	5	19

BW	Modulation	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		699.7	707.5	715.3		
1.4M	QPSK	1	0	22.33	22.08	22.27	0	24
		1	2	22.33	22.11	22.20	0	24
		1	5	22.33	22.18	22.26	0	24
		3	0	21.96	21.97	22.03	0	24
		3	1	22.07	22.11	22.04	0	24
		3	3	22.09	22.18	22.02	0	24
		6	0	21.26	21.22	21.32	1	23
	16QAM	1	0	21.46	21.29	21.45	1	23
		1	2	21.41	21.40	21.38	1	23
		1	5	21.40	21.40	21.52	1	23
		3	0	21.39	21.19	21.29	1	23
		3	1	21.43	21.37	21.46	1	23
		3	3	21.43	21.43	21.46	1	23
		6	0	20.37	20.33	20.26	2	22
	64QAM	1	0	20.50	20.34	20.34	2	22
		1	2	20.43	20.42	20.33	2	22
		1	5	20.51	20.43	20.35	2	22
		3	0	20.12	20.34	20.23	2	22
		3	1	20.50	20.26	20.36	2	22
		3	3	20.45	20.32	20.49	2	22
		6	0	19.23	19.39	19.31	3	21
	256QAM	1	0	17.37	17.12	17.26	5	19
		1	2	17.32	17.30	17.28	5	19
		1	5	17.25	17.36	17.28	5	19
		3	0	17.07	17.14	17.34	5	19
		3	1	17.31	17.18	17.27	5	19
		3	3	17.24	17.08	17.26	5	19
		6	0	17.14	17.30	17.21	5	19

LTE Band 13 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23230		
		Frequency (MHz)		782		
10M	QPSK	1	0	22.54	0	24
		1	24	**22.57**	0	24
		1	49	22.49	0	24
		25	0	21.57	1	23
		25	12	21.59	1	23
		25	25	21.58	1	23
		50	0	21.56	1	22
	16QAM	1	0	21.71	1	23
		1	24	21.73	1	23
		1	49	21.65	1	23
		25	0	20.56	2	22
		25	12	20.60	2	22
		25	25	20.62	2	22
		50	0	20.59	2	22
	64QAM	1	0	20.74	2	22
		1	24	20.80	2	22
		1	49	20.83	2	22
		25	0	19.58	3	21
		25	12	19.56	3	21
		25	25	19.61	3	21
		50	0	19.58	3	21
	256QAM	1	0	17.66	5	19
		1	24	17.65	5	19
		1	49	17.56	5	19
		25	0	17.55	5	19
		25	12	17.41	5	19
		25	25	17.60	5	19
		50	0	17.52	5	19

BW	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		779.5	782	784.5		
5M	QPSK	1	0	22.46	22.48	22.52	0	24
		1	12	22.47	22.46	22.45	0	24
		1	24	22.37	22.47	22.40	0	24
		12	0	21.43	21.53	21.50	1	23
		12	6	21.52	21.42	21.52	1	23
		12	13	21.54	21.47	21.56	1	23
		25	0	21.50	21.43	21.45	1	23
	16QAM	1	0	21.70	21.63	21.67	1	23
		1	12	21.66	21.58	21.67	1	23
		1	24	21.52	21.63	21.53	1	23
		12	0	20.43	20.46	20.55	2	22
		12	6	20.57	20.46	20.56	2	22
		12	13	20.57	20.58	20.56	2	22
		25	0	20.54	20.59	20.52	2	22
	64QAM	1	0	20.71	20.61	20.68	2	22
		1	12	20.78	20.72	20.79	2	22
		1	24	20.56	20.53	20.66	2	22
		12	0	19.50	19.49	19.56	3	21
		12	6	19.51	19.45	19.55	3	21
		12	13	19.50	19.48	19.54	3	21
		25	0	19.45	19.48	19.44	3	21
	256QAM	1	0	17.57	17.65	17.64	5	19
		1	12	17.53	17.57	17.61	5	19
		1	24	17.51	17.41	17.42	5	19
		12	0	17.41	17.52	17.52	5	19
		12	6	17.39	17.30	17.37	5	19
		12	13	17.51	17.45	17.58	5	19
		25	0	17.43	17.43	17.47	5	19

LTE Band 14 (Ant0)

BW	Modulation	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23330		
		Frequency (MHz)		793		
10M	QPSK	1	0	22.66	0	24
		1	24	**22.71**	0	24
		1	49	22.56	0	24
		25	0	21.63	1	23
		25	12	21.61	1	23
		25	25	21.65	1	23
		50	0	21.60	1	23
	16QAM	1	0	21.75	1	23
		1	24	21.85	1	23
		1	49	21.64	1	23
		25	0	20.65	2	22
		25	12	20.67	2	22
		25	25	20.66	2	22
		50	0	20.69	2	22
	64QAM	1	0	20.84	2	22
		1	24	20.86	2	22
		1	49	20.77	2	22
		25	0	19.64	3	21
		25	12	19.65	3	21
		25	25	19.68	3	21
		50	0	19.61	3	21
	256QAM	1	0	17.78	5	19
		1	24	17.85	5	19
		1	49	17.72	5	19
		25	0	17.54	5	19
		25	12	17.58	5	19
		25	25	17.62	5	19
		50	0	17.51	5	19

BW	Modulation	Channel		23303	23330	23355	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5	793	795.5		
5M	QPSK	1	0	22.54	22.65	22.61	0	24
		1	12	22.68	22.68	22.57	0	24
		1	24	22.46	22.50	22.50	0	24
		12	0	21.57	21.58	21.59	1	23
		12	6	21.55	21.56	21.50	1	23
		12	13	21.51	21.53	21.64	1	23
		25	0	21.49	21.54	21.56	1	23
	16QAM	1	0	21.61	21.67	21.69	1	23
		1	12	21.64	21.77	21.73	1	23
		1	24	21.54	21.62	21.58	1	23
		12	0	20.60	20.54	20.60	2	22
		12	6	20.53	20.56	20.60	2	22
		12	13	20.59	20.52	20.65	2	22
		25	0	20.64	20.61	20.55	2	22
	64QAM	1	0	20.79	20.74	20.76	2	22
		1	12	20.78	20.85	20.74	2	22
		1	24	20.75	20.65	20.75	2	22
		12	0	19.59	19.53	19.63	3	21
		12	6	19.57	19.55	19.62	3	21
		12	13	19.57	19.59	19.67	3	21
		25	0	19.47	19.60	19.60	3	21
	256QAM	1	0	17.77	17.64	17.64	5	19
		1	12	17.71	17.71	17.75	5	19
		1	24	17.63	17.63	17.66	5	19
		12	0	17.48	17.47	17.52	5	19
		12	6	17.55	17.52	17.48	5	19
		12	13	17.47	17.60	17.50	5	19
		25	0	17.45	17.44	17.38	5	19

LTE Band 17 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23790	23790	23830		
		Frequency (MHz)		709	710	711		
10M	QPSK	1	0	22.48	22.50	22.37	0	24
		1	24	22.50	22.52	22.47	0	24
		1	49	22.52	**22.60**	22.44	0	24
		25	0	21.41	21.56	21.37	1	23
		25	12	21.51	21.46	21.39	1	23
		25	25	21.54	21.58	21.56	1	23
		50	0	21.41	21.52	21.41	1	23
	16QAM	1	0	21.67	21.66	21.58	1	23
		1	24	21.64	21.69	21.68	1	23
		1	49	21.63	21.59	21.58	1	23
		25	0	20.34	20.42	20.29	2	22
		25	12	20.50	20.49	20.54	2	22
		25	25	20.61	20.60	20.51	2	22
		50	0	20.58	20.65	20.55	2	22
	64QAM	1	0	20.62	20.58	20.51	2	22
		1	24	20.71	20.63	20.63	2	22
		1	49	20.60	20.68	20.54	2	22
		25	0	19.46	19.50	19.43	3	21
		25	12	19.55	19.51	19.52	3	21
		25	25	19.55	19.63	19.52	3	21
		50	0	19.56	19.53	19.42	3	21
	256QAM	1	0	17.55	17.55	17.37	5	19
		1	24	17.61	17.51	17.52	5	19
		1	49	17.45	17.62	17.52	5	19
		25	0	17.44	17.36	17.31	5	19
		25	12	17.44	17.47	17.46	5	19
		25	25	17.41	17.57	17.43	5	19
		50	0	17.47	17.45	17.39	5	19

BW	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5M	QPSK	1	0	22.36	22.47	22.22	0	24
		1	12	22.45	22.47	22.41	0	24
		1	24	22.45	22.49	22.42	0	24
		12	0	21.28	21.48	21.31	1	23
		12	6	21.46	21.45	21.26	1	23
		12	13	21.47	21.53	21.49	1	23
		25	0	21.40	21.38	21.38	1	23
	16QAM	1	0	21.57	21.58	21.45	1	23
		1	12	21.60	21.61	21.60	1	23
		1	24	21.51	21.50	21.54	1	23
		12	0	20.32	20.28	20.25	2	22
		12	6	20.45	20.46	20.47	2	22
		12	13	20.51	20.57	20.46	2	22
		25	0	20.54	20.51	20.43	2	22
	64QAM	1	0	20.52	20.48	20.37	2	22
		1	12	20.62	20.60	20.56	2	22
		1	24	20.48	20.58	20.48	2	22
		12	0	19.38	19.46	19.41	3	21
		12	6	19.50	19.41	19.48	3	21
		12	13	19.42	19.50	19.42	3	21
		25	0	19.50	19.41	19.32	3	21
	256QAM	1	0	17.43	17.41	17.25	5	19
		1	12	17.60	17.50	17.51	5	19
		1	24	17.37	17.55	17.40	5	19
		12	0	17.31	17.32	17.29	5	19
		12	6	17.30	17.38	17.43	5	19
		12	13	17.31	17.53	17.37	5	19
		25	0	17.43	17.38	17.26	5	19

LTE Band 25 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26340	26590		
		Frequency (MHz)		1860	1880	1905		
20M	QPSK	1	0	22.47	**22.56**	22.39	0	24
		1	50	22.45	22.52	22.31	0	24
		1	99	22.28	22.34	22.27	0	24
		50	0	21.52	21.65	21.45	1	23
		50	25	21.49	21.58	21.42	1	23
		50	50	21.43	21.48	21.38	1	23
		100	0	21.52	21.61	21.54	1	23
	16QAM	1	0	21.67	21.64	21.49	1	23
		1	50	21.57	21.62	21.44	1	23
		1	99	21.49	21.56	21.39	1	23
		50	0	20.55	20.54	20.37	2	22
		50	25	20.51	20.55	20.40	2	22
		50	50	20.52	20.48	20.43	2	22
		100	0	20.56	20.51	20.41	2	22
	64QAM	1	0	20.70	20.66	20.56	2	22
		1	50	20.46	20.47	20.36	2	22
		1	99	20.37	20.41	20.34	2	22
		50	0	19.54	19.54	19.37	3	21
		50	25	19.54	19.54	19.52	3	21
		50	50	19.53	19.52	19.45	3	21
		100	0	19.51	19.53	19.42	3	21
	256QAM	1	0	17.68	17.53	17.54	5	19
		1	50	17.43	17.32	17.28	5	19
		1	99	17.33	17.38	17.29	5	19
		50	0	17.52	17.45	17.28	5	19
		50	25	17.41	17.53	17.37	5	19
		50	50	17.47	17.46	17.42	5	19
		100	0	17.45	17.49	17.36	5	19
BW	Modulation	Channel		26115	26340	26615	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1907.5		
15M	QPSK	1	0	22.41	22.41	22.24	0	24
		1	37	22.37	22.46	22.28	0	24
		1	74	22.25	22.19	22.20	0	24
		36	0	21.39	21.55	21.44	1	23
		36	19	21.41	21.52	21.41	1	23
		36	39	21.31	21.37	21.35	1	23
		75	0	21.46	21.48	21.47	1	23
	16QAM	1	0	21.64	21.51	21.35	1	23
		1	37	21.47	21.49	21.39	1	23
		1	74	21.45	21.44	21.24	1	23
		36	0	20.46	20.40	20.34	2	22
		36	19	20.39	20.50	20.34	2	22
		36	39	20.37	20.40	20.37	2	22
		75	0	20.54	20.49	20.39	2	22
	64QAM	1	0	20.58	20.65	20.51	2	22
		1	37	20.42	20.33	20.30	2	22
		1	74	20.35	20.32	20.21	2	22
		36	0	19.52	19.48	19.22	3	21
		36	19	19.42	19.50	19.37	3	21
		36	39	19.52	19.49	19.38	3	21
		75	0	19.42	19.52	19.28	3	21
	256QAM	1	0	17.56	17.45	17.39	5	19
		1	37	17.42	17.31	17.17	5	19
		1	74	17.30	17.23	17.28	5	19
		36	0	17.39	17.31	17.14	5	19
		36	19	17.29	17.48	17.29	5	19
		36	39	17.42	17.39	17.34	5	19
		75	0	17.30	17.39	17.31	5	19
BW	Modulation	Channel		26090	26340	26640	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1910		
10M	QPSK	1	0	22.44	22.50	22.22	0	24
		1	24	22.40	22.37	22.26	0	24
		1	49	22.18	22.33	22.14	0	24
		25	0	21.51	21.53	21.30	1	23
		25	12	21.46	21.50	21.40	1	23
		25	25	21.31	21.39	21.24	1	23
		50	0	21.43	21.54	21.40	1	23
	16QAM	1	0	21.64	21.53	21.38	1	23
		1	24	21.56	21.57	21.38	1	23
		1	49	21.45	21.52	21.26	1	23
		25	0	20.52	20.47	20.35	2	22
		25	12	20.47	20.53	20.34	2	22
		25	25	20.44	20.41	20.30	2	22
		50	0	20.41	20.49	20.34	2	22
	64QAM	1	0	20.55	20.56	20.45	2	22
		1	24	20.39	20.42	20.23	2	22
		1	49	20.36	20.30	20.29	2	22
		25	0	19.47	19.47	19.29	3	21
		25	12	19.53	19.53	19.49	3	21
		25	25	19.41	19.38	19.31	3	21
		50	0	19.50	19.47	19.41	3	21
	256QAM	1	0	17.66	17.47	17.52	5	19
		1	24	17.32	17.29	17.21	5	19
		1	49	17.29	17.28	17.22	5	19
		25	0	17.40	17.40	17.25	5	19
		25	12	17.31	17.39	17.32	5	19
		25	25	17.37	17.43	17.34	5	19
		50	0	17.42	17.40	17.22	5	19
BW	Modulation	Channel		26065	26340	26665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1912.5		
5M	QPSK	1	0	22.34	22.46	22.18	0	24
		1	12	22.41	22.49	22.33	0	24
		1	24	22.14	22.27	22.14	0	24
		12	0	21.38	21.46	21.36	1	23
		12	6	21.38	21.58	21.40	1	23
		12	13	21.34	21.38	21.34	1	23
		25	0	21.44	21.52	21.48	1	23
	16QAM	1	0	21.66	21.52	21.45	1	23
		1	12	21.48	21.59	21.39	1	23
		1	24	21.36	21.42	21.24	1	23
		12	0	20.49	20.46	20.32	2	22
		12	6	20.45	20.48	20.33	2	22
		12	13	20.45	20.40	20.29	2	22
		25	0	20.45	20.37	20.28	2	22
	64QAM	1	0	20.68	20.51	20.53	2	22
		1	12	20.39	20.40	20.31	2	22
		1	24	20.35	20.40	20.21	2	22
		12	0	19.48	19.46	19.31	3	21
		12	6	19.53	19.50	19.43	3	21
		12	13	19.48	19.50	19.40	3	21
		25	0	19.49	19.41	19.36	3	21
	256QAM	1	0	17.65	17.41	17.51	5	19
		1	12	17.34	17.31	17.17	5	19
		1	24	17.24	17.26	17.22	5	19
		12	0	17.40	17.36	17.13	5	19
		12	6	17.36	17.43	17.27	5	19
		12	13	17.42	17.37	17.40	5	19
		25	0	17.36	17.43	17.34	5	19
BW	Modulation	Channel		26055	26340	26675	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1913.5		
3M	QPSK	1	0	22.35	22.44	22.27	0	24
		1	7	22.38	22.41	22.24	0	24
		1	14	22.23	22.22	22.24	0	24
		8	0	21.47	21.55	21.36	1	23
		8	3	21.47	21.59	21.36	1	23
		8	7	21.41	21.38	21.33	1	23
		15	0	21.45	21.55	21.47	1	23
	16QAM	1	0	21.59	21.52	21.47	1	23
		1	7	21.45	21.55	21.38	1	23
		1	14	21.43	21.50	21.33	1	23
		8	0	20.47	20.48	20.32	2	22
		8	3	20.49	20.50	20.37	2	22
		8	7	20.46	20.45	20.30	2	22
		15	0	20.43	20.47	20.38	2	22
	64QAM	1	0	20.59	20.65	20.54	2	22
		1	7	20.41	20.36	20.24	2	22
		1	14	20.24	20.32	20.25	2	22
		8	0	19.47	19.49	19.24	3	21
		8	3	19.47	19.51	19.50	3	21
		8	7	19.40	19.38	19.36	3	21
		15	0	19.41	19.43	19.35	3	21
	256QAM	1	0	17.63	17.46	17.46	5	19
		1	7	17.36	17.19	17.22	5	19
		1	14	17.28	17.37	17.18	5	19
		8	0	17.42	17.35	17.15	5	19
		8	3	17.26	17.48	17.27	5	19
		8	7	17.46	17.35	17.37	5	19
		15	0	17.39	17.36	17.31	5	19

LTE Band 26 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15M	QPSK	1	0	**22.21**	22.08	22.09	0	24
		1	37	22.16	22.08	22.07	0	24
		1	74	22.07	22.05	22.05	0	24
		36	0	21.13	21.13	21.18	1	23
		36	19	21.19	21.15	21.18	1	23
		36	39	21.28	21.26	21.22	1	23
		75	0	21.20	21.14	21.25	1	23
	16QAM	1	0	21.36	21.34	21.29	1	23
		1	37	21.32	21.23	21.18	1	23
		1	74	21.18	21.23	21.18	1	23
		36	0	20.25	20.19	20.17	2	22
		36	19	20.21	20.21	20.15	2	22
		36	39	20.24	20.25	20.28	2	22
		75	0	20.25	20.25	20.26	2	22
	64QAM	1	0	20.27	20.29	20.28	2	22
		1	37	20.38	20.24	20.37	2	22
		1	74	20.30	20.28	20.28	2	22
		36	0	19.16	19.24	19.17	3	21
		36	19	19.21	19.12	19.18	3	21
		36	39	19.22	19.26	19.26	3	21
		75	0	19.32	19.26	19.29	3	21
	256QAM	1	0	17.25	17.16	17.14	5	19
		1	37	17.26	17.14	17.33	5	19
		1	74	17.28	17.15	17.18	5	19
		36	0	17.01	17.21	17.06	5	19
		36	19	17.10	17.06	17.17	5	19
		36	39	17.07	17.12	17.23	5	19
		75	0	17.20	17.12	17.19	5	19
BW	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10M	QPSK	1	0	22.14	22.00	22.05	0	24
		1	24	22.05	22.02	21.96	0	24
		1	49	21.95	21.93	22.04	0	24
		25	0	21.04	21.05	21.03	1	23
		25	12	21.09	21.00	21.14	1	23
		25	25	21.17	21.20	21.17	1	23
		50	0	21.19	21.06	21.14	1	23
	16QAM	1	0	21.29	21.29	21.19	1	23
		1	24	21.25	21.20	21.14	1	23
		1	49	21.15	21.18	21.16	1	23
		25	0	20.18	20.09	20.03	2	22
		25	12	20.09	20.08	20.07	2	22
		25	25	20.14	20.23	20.17	2	22
		50	0	20.22	20.22	20.12	2	22
	64QAM	1	0	20.13	20.28	20.25	2	22
		1	24	20.26	20.15	20.27	2	22
		1	49	20.28	20.19	20.14	2	22
		25	0	19.03	19.20	19.11	3	21
		25	12	19.14	19.02	19.05	3	21
		25	25	19.11	19.11	19.22	3	21
		50	0	19.24	19.25	19.17	3	21
	256QAM	1	0	17.10	17.09	17.05	5	19
		1	24	17.12	17.04	17.21	5	19
		1	49	17.23	17.06	17.16	5	19
		25	0	16.98	17.20	16.97	5	19
		25	12	17.02	16.97	17.02	5	19
		25	25	17.05	17.11	17.18	5	19
		50	0	17.11	16.98	17.06	5	19
BW	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5M	QPSK	1	0	22.16	21.94	21.97	0	24
		1	12	22.03	21.94	21.96	0	24
		1	24	21.97	21.96	21.91	0	24
		12	0	21.10	21.01	21.12	1	23
		12	6	21.06	21.10	21.17	1	23
		12	13	21.03	21.13	21.14	1	23
		25	0	21.12	21.10	21.20	1	23
	16QAM	1	0	21.28	21.27	21.14	1	23
		1	12	21.25	21.18	21.04	1	23
		1	24	21.09	21.11	21.15	1	23
		12	0	20.10	20.08	20.07	2	22
		12	6	20.15	20.09	20.14	2	22
		12	13	20.15	20.14	20.24	2	22
		25	0	20.19	20.12	20.18	2	22
	64QAM	1	0	20.18	20.16	20.17	2	22
		1	12	20.27	20.09	20.26	2	22
		1	24	20.27	20.26	20.21	2	22
		12	0	19.11	19.21	19.04	3	21
		12	6	19.14	19.03	19.14	3	21
		12	13	19.08	19.21	19.11	3	21
		25	0	19.24	19.13	19.27	3	21
	256QAM	1	0	17.13	17.07	17.12	5	19
		1	12	17.22	17.03	17.20	5	19
		1	24	17.21	17.01	17.14	5	19
		12	0	16.99	17.16	17.01	5	19
		12	6	16.97	17.04	17.05	5	19
		12	13	17.02	17.00	17.09	5	19
		25	0	17.10	17.01	17.12	5	19
BW	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3M	QPSK	1	0	22.20	22.07	22.05	0	24
		1	7	22.14	22.02	22.06	0	24
		1	14	22.00	21.97	22.04	0	24
		8	0	20.99	21.06	21.16	1	23
		8	3	21.05	21.13	21.09	1	23
		8	7	21.16	21.14	21.26	1	23
		15	0	21.12	21.05	21.18	1	23
	16QAM	1	0	21.23	21.25	21.14	1	23
		1	7	21.29	21.11	21.08	1	23
		1	14	21.17	21.22	21.13	1	23
		8	0	20.16	20.07	20.11	2	22
		8	3	20.17	20.06	20.08	2	22
		8	7	20.12	20.24	20.18	2	22
		15	0	20.12	20.18	20.25	2	22
	64QAM	1	0	20.16	20.27	20.19	2	22
		1	7	20.28	20.20	20.28	2	22
		1	14	20.29	20.16	20.14	2	22
		8	0	19.06	19.16	19.02	3	21
		8	3	19.13	19.02	19.14	3	21
		8	7	19.18	19.16	19.15	3	21
		15	0	19.28	19.12	19.17	3	21
	256QAM	1	0	17.16	17.04	17.12	5	19
		1	7	17.22	17.03	17.22	5	19
		1	14	17.23	17.00	17.09	5	19
		8	0	16.88	17.09	17.00	5	19
		8	3	16.96	16.96	17.13	5	19
		8	7	16.96	16.99	17.20	5	19
		15	0	17.11	16.98	17.04	5	19
BW	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4M	QPSK	1	0	22.16	22.00	21.98	0	24
		1	2	22.12	22.00	22.01	0	24
		1	5	22.02	21.95	21.91	0	24
		3	0	21.91	21.83	21.85	0	24
		3	1	21.84	21.87	21.90	0	24
		3	3	21.88	21.94	22.00	0	24
		6	0	21.13	21.05	21.21	1	23
	16QAM	1	0	21.28	21.28	21.23	1	23
		1	2	21.24	21.11	21.05	1	23
		1	5	21.04	21.13	21.09	1	23
		3	0	21.16	21.10	21.04	1	23
		3	1	21.13	21.08	21.14	1	23
		3	3	21.17	21.21	21.22	1	23
		6	0	20.17	20.22	20.22	2	22
	64QAM	1	0	20.19	20.26	20.20	2	22
		1	2	20.32	20.22	20.25	2	22
		1	5	20.26	20.13	20.21	2	22
		3	0	20.08	20.23	20.06	2	22
		3	1	20.09	20.11	20.14	2	22
		3	3	20.10	20.16	20.20	2	22
		6	0	19.29	19.12	19.22	3	21
	256QAM	1	0	17.17	17.05	17.11	5	19
		1	2	17.11	16.99	17.28	5	19
		1	5	17.27	17.01	17.08	5	19
		3	0	16.96	17.06	17.03	5	19
		3	1	17.08	16.98	17.04	5	19
		3	3	17.02	17.08	17.11	5	19
		6	0	17.08	16.97	17.14	5	19

LTE Band 30 (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.08		0	24
		1	24		**23.16**		0	24
		1	49		23.09		0	24
		25	0		22.11		1	23
		25	12		22.13		1	23
		25	25		22.12		1	23
		50	0		22.11		1	23
	16QAM	1	0		22.27		1	23
		1	24		22.36		1	23
		1	49		22.24		1	23
		25	0		21.15		2	22
		25	12		21.20		2	22
		25	25		21.13		2	22
		50	0		21.13		2	22
	64QAM	1	0		21.21		2	22
		1	24		21.31		2	22
		1	49		21.25		2	22
		25	0		20.14		3	21
		25	12		20.19		3	21
		25	25		20.14		3	21
		50	0		20.12		3	21
	256QAM	1	0		18.20		5	19
		1	24		18.29		5	19
		1	49		18.22		5	19
		25	0		18.10		5	19
		25	12		18.14		5	19
		25	25		18.02		5	19
		50	0		18.08		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	23.01	22.99	23.03	0	24
		1	12	23.02	23.15	23.08	0	24
		1	24	22.99	23.07	22.97	0	24
		12	0	22.10	22.06	22.00	1	23
		12	6	22.03	22.07	21.99	1	23
		12	13	22.07	21.99	22.00	1	23
		25	0	22.01	22.00	22.09	1	23
	16QAM	1	0	22.23	22.19	22.21	1	23
		1	12	22.35	22.23	22.29	1	23
		1	24	22.09	22.18	22.10	1	23
		12	0	21.01	21.12	21.08	2	22
		12	6	21.16	21.12	21.16	2	22
		12	13	21.03	21.10	20.99	2	22
		25	0	21.08	21.11	21.05	2	22
	64QAM	1	0	21.12	21.10	21.07	2	22
		1	12	21.21	21.21	21.26	2	22
		1	24	21.18	21.16	21.13	2	22
		12	0	20.08	20.01	20.11	3	21
		12	6	20.09	20.12	20.14	3	21
		12	13	20.13	19.99	20.07	3	21
		25	0	20.08	20.11	20.01	3	21
	256QAM	1	0	18.16	18.16	18.13	5	19
		1	12	18.20	18.27	18.19	5	19
		1	24	18.17	18.15	18.18	5	19
		12	0	18.08	18.09	17.97	5	19
		12	6	18.09	18.08	18.01	5	19
		12	13	17.92	17.99	18.01	5	19
		25	0	17.94	18.02	17.94	5	19

LTE Band 38 (Ant6)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20M	QPSK	1	0	22.49	22.59	22.72	0	24
		1	50	22.62	22.64	**22.79**	0	24
		1	99	22.54	22.61	22.65	0	24
		50	0	21.53	21.60	21.70	1	23
		50	25	21.62	21.65	21.76	1	23
		50	50	21.69	21.67	21.80	1	23
		100	0	21.70	21.77	21.79	1	23
	16QAM	1	0	21.57	21.56	21.63	1	23
		1	50	21.59	21.64	21.70	1	23
		1	99	21.56	21.70	21.73	1	23
		50	0	20.54	20.66	20.63	2	22
		50	25	20.68	20.69	20.72	2	22
		50	50	20.64	20.72	20.74	2	22
		100	0	20.61	20.72	20.70	2	22
	64QAM	1	0	20.58	20.62	20.62	2	22
		1	50	20.63	20.73	20.77	2	22
		1	99	20.61	20.68	20.74	2	22
		50	0	19.57	19.59	19.69	3	21
		50	25	19.67	19.71	19.77	3	21
		50	50	19.71	19.79	19.79	3	21
		100	0	19.65	19.80	19.83	3	21
	256QAM	1	0	17.55	17.60	17.65	5	19
		1	50	17.68	17.70	17.77	5	19
		1	99	17.55	17.50	17.48	5	19
		50	0	17.46	17.61	17.68	5	19
		50	25	17.59	17.65	17.81	5	19
		50	50	17.67	17.81	17.90	5	19
		100	0	17.57	17.80	17.70	5	19
BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	22.35	22.44	22.58	0	24
		1	37	22.58	22.61	22.77	0	24
		1	74	22.48	22.51	22.57	0	24
		36	0	21.39	21.49	21.69	1	23
		36	19	21.50	21.59	21.72	1	23
		36	39	21.62	21.59	21.70	1	23
		75	0	21.56	21.74	21.76	1	23
	16QAM	1	0	21.51	21.49	21.52	1	23
		1	37	21.51	21.50	21.68	1	23
		1	74	21.44	21.68	21.65	1	23
		36	0	20.48	20.63	20.48	2	22
		36	19	20.65	20.56	20.71	2	22
		36	39	20.53	20.63	20.65	2	22
		75	0	20.56	20.60	20.62	2	22
	64QAM	1	0	20.46	20.49	20.52	2	22
		1	37	20.56	20.64	20.66	2	22
		1	74	20.48	20.58	20.65	2	22
		36	0	19.45	19.46	19.54	3	21
		36	19	19.52	19.70	19.72	3	21
		36	39	19.65	19.69	19.76	3	21
		75	0	19.58	19.67	19.72	3	21
	256QAM	1	0	17.54	17.58	17.56	5	19
		1	37	17.56	17.64	17.68	5	19
		1	74	17.52	17.41	17.41	5	19
		36	0	17.42	17.46	17.55	5	19
		36	19	17.50	17.63	17.76	5	19
		36	39	17.60	17.72	17.85	5	19
		75	0	17.54	17.75	17.55	5	19
BW	Modulation	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615		
10M	QPSK	1	0	22.44	22.51	22.66	0	24
		1	24	22.50	22.50	22.64	0	24
		1	49	22.48	22.49	22.60	0	24
		25	0	21.43	21.58	21.67	1	23
		25	12	21.57	21.55	21.69	1	23
		25	25	21.66	21.52	21.65	1	23
		50	0	21.55	21.64	21.75	1	23
	16QAM	1	0	21.53	21.49	21.56	1	23
		1	24	21.52	21.55	21.59	1	23
		1	49	21.53	21.65	21.59	1	23
		25	0	20.53	20.61	20.59	2	22
		25	12	20.60	20.63	20.71	2	22
		25	25	20.54	20.62	20.72	2	22
		50	0	20.47	20.67	20.59	2	22
	64QAM	1	0	20.45	20.54	20.59	2	22
		1	24	20.54	20.63	20.64	2	22
		1	49	20.49	20.63	20.71	2	22
		25	0	19.45	19.54	19.67	3	21
		25	12	19.64	19.59	19.70	3	21
		25	25	19.65	19.70	19.64	3	21
		50	0	19.59	19.70	19.74	3	21
	256QAM	1	0	17.42	17.47	17.61	5	19
		1	24	17.67	17.61	17.66	5	19
		1	49	17.48	17.37	17.35	5	19
		25	0	17.36	17.57	17.55	5	19
		25	12	17.44	17.52	17.70	5	19
		25	25	17.65	17.74	17.80	5	19
		50	0	17.54	17.69	17.63	5	19
BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	22.46	22.52	22.66	0	24
		1	12	22.47	22.50	22.68	0	24
		1	24	22.43	22.53	22.63	0	24
		12	0	21.38	21.52	21.64	1	23
		12	6	21.48	21.57	21.66	1	23
		12	13	21.65	21.52	21.69	1	23
		25	0	21.62	21.65	21.78	1	23
	16QAM	1	0	21.51	21.42	21.52	1	23
		1	12	21.44	21.59	21.61	1	23
		1	24	21.45	21.55	21.60	1	23
		12	0	20.46	20.65	20.54	2	22
		12	6	20.59	20.66	20.63	2	22
		12	13	20.50	20.60	20.71	2	22
		25	0	20.57	20.64	20.64	2	22
	64QAM	1	0	20.54	20.60	20.48	2	22
		1	12	20.58	20.67	20.75	2	22
		1	24	20.58	20.66	20.72	2	22
		12	0	19.45	19.44	19.61	3	21
		12	6	19.53	19.65	19.67	3	21
		12	13	19.63	19.70	19.65	3	21
		25	0	19.51	19.78	19.82	3	21
	256QAM	1	0	17.41	17.54	17.61	5	19
		1	12	17.60	17.69	17.67	5	19
		1	24	17.49	17.38	17.39	5	19
		12	0	17.45	17.48	17.66	5	19
		12	6	17.49	17.61	17.77	5	19
		12	13	17.59	17.75	17.76	5	19
		25	0	17.54	17.73	17.63	5	19

LTE Band 41 (2496 ~ 2690MHz) (Ant10)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.06	23.06	23.26	23.23	23.30	0	24
		1	50	23.02	22.88	23.05	23.12	23.12	0	24
		1	99	23.06	22.95	23.22	23.24	23.29	0	24
		50	0	22.06	21.97	22.19	22.23	22.24	1	23
		50	25	21.99	21.91	22.10	22.22	22.15	1	23
		50	50	22.01	21.89	22.15	22.09	22.21	1	23
		100	0	22.01	21.97	22.10	22.22	22.26	1	23
	16QAM	1	0	22.12	22.02	22.22	22.18	22.26	1	23
		1	50	22.07	21.98	22.25	22.18	22.28	1	23
		1	99	22.11	22.03	22.24	22.22	22.31	1	23
		50	0	20.99	21.03	21.21	21.11	21.24	2	22
		50	25	21.10	21.00	21.20	21.22	21.28	2	22
		50	50	21.00	20.98	21.11	21.11	21.20	2	22
		100	0	21.13	20.98	21.19	21.27	21.29	2	22
	64QAM	1	0	20.94	20.82	21.06	21.04	21.15	2	22
		1	50	20.97	20.86	21.04	21.06	21.18	2	22
		1	99	21.22	21.03	21.30	21.27	21.33	2	22
		50	0	20.06	19.94	20.11	20.16	20.13	3	21
		50	25	20.14	20.06	20.29	20.20	20.20	3	21
		50	50	20.00	19.90	20.17	20.17	20.24	3	21
		100	0	20.14	20.01	20.19	20.17	20.23	3	21
	256QAM	1	0	17.94	17.82	18.06	18.04	18.15	5	19
		1	50	17.97	17.86	18.04	18.06	18.18	5	19
		1	99	18.22	18.03	18.30	18.27	18.33	5	19
		50	0	18.06	17.94	18.11	18.16	18.13	5	19
		50	25	18.14	18.06	18.29	18.20	18.20	5	19
		50	50	18.00	17.90	18.17	18.17	18.24	5	19
		100	0	18.14	18.01	18.19	18.17	18.23	5	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	22.90	22.93	23.13	23.11	23.18	0	24
		1	37	22.93	22.75	22.92	23.04	23.08	0	24
		1	74	22.96	22.82	23.13	23.19	23.26	0	24
		36	0	22.03	21.93	22.04	22.15	22.09	1	23
		36	19	21.91	21.82	22.06	22.20	22.05	1	23
		36	39	21.96	21.88	22.04	22.02	22.08	1	23
		75	0	21.87	21.94	22.06	22.12	22.16	1	23
	16QAM	1	0	22.00	21.98	22.12	22.05	22.20	1	23
		1	37	22.06	21.88	22.11	22.15	22.22	1	23
		1	74	22.09	22.01	22.19	22.09	22.25	1	23
		36	0	20.95	20.93	21.11	21.00	21.14	2	22
		36	19	20.96	20.99	21.05	21.17	21.25	2	22
		36	39	20.88	20.87	21.01	21.04	21.11	2	22
		75	0	21.07	20.96	21.06	21.12	21.19	2	22
	64QAM	1	0	20.80	20.81	21.04	21.01	21.01	2	22
		1	37	20.87	20.73	20.93	20.98	21.08	2	22
		1	74	21.13	20.92	21.29	21.19	21.21	2	22
		36	0	19.91	19.86	19.98	20.07	20.06	3	21
		36	19	20.06	19.91	20.14	20.12	20.09	3	21
		36	39	19.96	19.81	20.05	20.02	20.12	3	21
		75	0	20.07	19.95	20.17	20.05	20.10	3	21
	256QAM	1	0	17.84	17.72	17.91	17.89	18.14	5	19
		1	37	17.89	17.83	17.93	17.92	18.14	5	19
		1	74	18.16	18.01	18.16	18.24	18.22	5	19
		36	0	18.05	17.83	18.00	18.14	17.98	5	19
		36	19	18.10	17.93	18.22	18.17	18.10	5	19
		36	39	17.88	17.75	18.06	18.15	18.13	5	19
		75	0	18.05	17.96	18.17	18.14	18.12	5	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	22.91	22.98	23.11	23.11	23.18	0	24
		1	24	23.00	22.78	22.98	23.11	23.03	0	24
		1	49	23.05	22.91	23.17	23.17	23.16	0	24
		25	0	21.99	21.88	21.96	22.13	22.14	1	23
		25	12	21.96	21.83	22.12	22.21	22.01	1	23
		25	25	21.91	21.85	22.09	21.97	22.13	1	23
		50	0	21.94	21.83	22.09	22.18	22.25	1	23
	16QAM	1	0	22.00	22.00	22.13	22.13	22.25	1	23
		1	24	21.92	21.95	22.14	22.10	22.13	1	23
		1	49	21.96	21.90	22.18	22.07	22.28	1	23
		25	0	20.88	20.98	21.10	21.01	21.19	2	22
		25	12	20.99	20.98	21.14	21.10	21.18	2	22
		25	25	20.95	20.85	21.02	20.98	21.10	2	22
		50	0	21.10	20.83	21.10	21.25	21.21	2	22
	64QAM	1	0	20.93	20.77	20.99	20.99	21.02	2	22
		1	24	20.82	20.82	21.01	21.05	21.11	2	22
		1	49	21.13	20.94	21.24	21.16	21.19	2	22
		25	0	20.01	19.86	19.99	20.01	20.05	3	21
		25	12	20.08	19.94	20.14	20.07	20.18	3	21
		25	25	19.91	19.78	20.15	20.02	20.16	3	21
		50	0	20.10	19.94	20.08	20.07	20.18	3	21
	256QAM	1	0	17.91	17.81	17.95	18.03	18.13	5	19
		1	24	17.94	17.82	18.01	18.03	18.15	5	19
		1	49	18.17	18.02	18.22	18.18	18.30	5	19
		25	0	18.04	17.83	17.97	18.04	17.98	5	19
		25	12	18.09	18.05	18.27	18.14	18.19	5	19
		25	25	17.89	17.79	18.08	18.08	18.19	5	19
		50	0	18.00	17.94	18.07	18.10	18.20	5	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	22.90	22.96	23.18	23.18	23.27	0	24
		1	12	22.92	22.81	23.01	23.08	23.04	0	24
		1	24	22.94	22.85	23.15	23.18	23.18	0	24
		12	0	22.04	21.90	22.08	22.14	22.10	1	23
		12	6	21.89	21.80	22.14	22.08	22.14	1	23
		12	13	22.00	21.81	22.07	21.97	22.12	1	23
		25	0	21.87	21.94	22.06	22.21	22.12	1	23
	16QAM	1	0	22.11	21.87	22.14	22.06	22.24	1	23
		1	12	21.94	21.92	22.18	22.14	22.25	1	23
		1	24	21.96	21.97	22.15	22.11	22.22	1	23
		12	0	20.87	21.02	21.19	20.99	21.19	2	22
		12	6	21.04	20.88	21.05	21.14	21.22	2	22
		12	13	20.92	20.85	21.03	21.04	21.09	2	22
		25	0	21.10	20.97	21.06	21.16	21.24	2	22
	64QAM	1	0	20.83	20.73	21.00	20.89	21.09	2	22
		1	12	20.91	20.72	20.96	21.05	21.13	2	22
		1	24	21.12	20.95	21.17	21.16	21.24	2	22
		12	0	20.02	19.81	20.00	20.09	20.04	3	21
		12	6	20.08	20.03	20.14	20.07	20.11	3	21
		12	13	19.94	19.77	20.09	20.09	20.23	3	21
		25	0	20.12	19.86	20.14	20.10	20.19	3	21
	256QAM	1	0	17.92	17.69	18.03	17.94	18.02	5	19
		1	12	17.90	17.74	17.97	17.91	18.03	5	19
		1	24	18.16	17.98	18.16	18.16	18.30	5	19
		12	0	18.05	17.91	18.09	18.02	18.07	5	19
		12	6	18.01	17.91	18.17	18.10	18.09	5	19
		12	13	17.91	17.78	18.05	18.12	18.17	5	19
		25	0	17.99	17.91	18.17	18.04	18.15	5	19

LTE Band 42 Part27Q (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		42190	42590	42990		
		Frequence (MHz)		3460	3500	3540		
20M	QPSK	1	0	19.95	20.17	20.03	0	21
		1	50	19.82	20.15	19.99	0	21
		1	99	19.71	19.91	19.89	0	21
		50	0	18.97	19.15	19.11	1	20
		50	25	18.85	19.14	19.09	1	20
		50	50	18.88	19.11	18.95	1	20
		100	0	18.85	18.95	18.94	1	20
	16QAM	1	0	18.76	19.08	18.93	1	20
		1	50	18.87	19.12	18.87	1	20
		1	99	18.67	18.89	18.94	1	20
		50	0	17.89	18.09	17.91	2	19
		50	25	17.77	18.13	17.95	2	19
		50	50	17.86	18.13	18.08	2	19
		100	0	17.97	18.09	17.91	2	19
	64QAM	1	0	17.94	18.23	18.01	2	19
		1	50	17.97	18.20	18.12	2	19
		1	99	17.74	18.02	17.74	2	19
		50	0	16.90	17.06	17.02	3	18
		50	25	16.85	17.02	16.98	3	18
		50	50	16.77	17.12	16.93	3	18
		100	0	16.99	16.99	17.00	3	18
	256QAM	1	0	14.85	15.18	14.85	5	16
		1	50	14.99	15.12	15.02	5	16
		1	99	14.63	14.99	14.63	5	16
		50	0	14.81	15.06	14.85	5	16
		50	25	14.74	14.96	14.97	5	16
		50	50	14.83	15.08	14.75	5	16
		100	0	14.82	14.98	14.93	5	16
BW	MCS Index	Channel		42165	42590	43015	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5		
15M	QPSK	1	0	19.88	20.16	19.91	0	21
		1	37	19.70	20.06	19.92	0	21
		1	74	19.58	19.84	19.83	0	21
		36	0	18.92	18.99	19.07	1	20
		36	19	18.81	19.12	19.01	1	20
		36	39	18.78	19.04	18.92	1	20
		75	0	18.82	18.90	18.88	1	20
	16QAM	1	0	18.75	19.07	18.85	1	20
		1	37	18.78	19.00	18.79	1	20
		1	74	18.52	18.80	18.89	1	20
		36	0	17.83	17.99	17.76	2	19
		36	19	17.64	17.98	17.90	2	19
		36	39	17.73	18.02	17.98	2	19
		75	0	17.84	17.96	17.88	2	19
	64QAM	1	0	17.90	18.16	17.88	2	19
		1	37	17.82	18.10	18.04	2	19
		1	74	17.64	17.87	17.68	2	19
		36	0	16.86	17.04	16.94	3	18
		36	19	16.72	17.00	16.88	3	18
		36	39	16.63	17.04	16.79	3	18
		75	0	16.84	16.84	16.89	3	18
	256QAM	1	0	14.73	15.05	14.77	5	16
		1	37	14.91	14.98	14.99	5	16
		1	74	14.50	14.85	14.51	5	16
		36	0	14.77	14.91	14.72	5	16
		36	19	14.66	14.87	14.92	5	16
		36	39	14.69	14.96	14.73	5	16
		75	0	14.70	14.84	14.92	5	16
BW	MCS Index	Channel		42140	42590	43040	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3455	3500	3545		
10M	QPSK	1	0	19.80	20.12	19.89	0	21
		1	24	19.78	20.14	19.86	0	21
		1	49	19.63	19.82	19.74	0	21
		25	0	18.88	18.91	19.04	1	20
		25	12	18.83	19.11	18.98	1	20
		25	25	18.74	19.09	18.92	1	20
		50	0	18.80	18.93	18.79	1	20
	16QAM	1	0	18.74	19.04	18.82	1	20
		1	24	18.80	19.04	18.85	1	20
		1	49	18.66	18.86	18.91	1	20
		25	0	17.87	18.06	17.76	2	19
		25	12	17.76	18.00	17.82	2	19
		25	25	17.78	17.99	17.99	2	19
		50	0	17.90	18.00	17.76	2	19
	64QAM	1	0	17.87	18.12	17.99	2	19
		1	24	17.89	18.06	18.00	2	19
		1	49	17.64	17.96	17.73	2	19
		25	0	16.88	16.98	16.95	3	18
		25	12	16.82	16.89	16.97	3	18
		25	25	16.68	17.07	16.85	3	18
		50	0	16.98	16.90	16.97	3	18
	256QAM	1	0	14.83	15.08	14.81	5	16
		1	24	14.89	15.01	15.00	5	16
		1	49	14.51	14.92	14.54	5	16
		25	0	14.74	14.95	14.81	5	16
		25	12	14.59	14.84	14.94	5	16
		25	25	14.75	15.07	14.69	5	16
		50	0	14.80	14.84	14.80	5	16
BW	MCS Index	Channel		42115	42590	43065	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5		
5M	QPSK	1	0	19.81	20.12	19.99	0	21
		1	12	19.67	20.06	19.86	0	21
		1	24	19.56	19.90	19.87	0	21
		12	0	18.92	18.99	19.08	1	20
		12	6	18.74	18.99	18.98	1	20
		12	13	18.79	19.11	18.83	1	20
		25	0	18.71	18.81	18.91	1	20
	16QAM	1	0	18.64	19.07	18.81	1	20
		1	12	18.74	19.10	18.86	1	20
		1	24	18.53	18.88	18.91	1	20
		12	0	17.74	18.03	17.85	2	19
		12	6	17.65	18.07	17.82	2	19
		12	13	17.77	18.10	17.95	2	19
		25	0	17.83	17.95	17.78	2	19
	64QAM	1	0	17.86	18.08	17.88	2	19
		1	12	17.88	18.05	17.97	2	19
		1	24	17.62	17.94	17.66	2	19
		12	0	16.76	17.04	16.89	3	18
		12	6	16.81	16.97	16.93	3	18
		12	13	16.73	17.06	16.82	3	18
		25	0	16.91	16.84	16.93	3	18
	256QAM	1	0	14.71	15.14	14.71	5	16
		1	12	14.93	15.03	14.94	5	16
		1	24	14.61	14.96	14.61	5	16
		12	0	14.74	14.95	14.84	5	16
		12	6	14.70	14.82	14.93	5	16
		12	13	14.70	14.98	14.67	5	16
		25	0	14.74	14.83	14.84	5	16

LTE Band 43 for FCC (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequence (MHz)		3610	3650	3690		
20M	QPSK	1	0	20.66	20.38	20.44	0	21.5
		1	50	20.50	20.43	20.34	0	21.5
		1	99	20.27	20.40	20.32	0	21.5
		50	0	19.59	19.56	19.47	1	20.5
		50	25	19.61	19.48	19.57	1	20.5
		50	50	19.45	19.42	19.45	1	20.5
		100	0	19.64	19.53	19.53	1	20.5
	16QAM	1	0	19.69	19.52	19.57	1	20.5
		1	50	19.48	19.43	19.30	1	20.5
		1	99	19.44	19.27	19.28	1	20.5
		50	0	18.62	18.67	18.54	2	19.5
		50	25	18.50	18.55	18.37	2	19.5
		50	50	18.50	18.48	18.45	2	19.5
		100	0	18.51	18.42	18.36	2	19.5
	64QAM	1	0	18.50	18.51	18.54	2	19.5
		1	50	18.50	18.46	18.20	2	19.5
		1	99	18.34	18.23	18.20	2	19.5
		50	0	17.58	17.56	17.57	3	18.5
		50	25	17.57	17.49	17.56	3	18.5
		50	50	17.52	17.40	17.54	3	18.5
		100	0	17.58	17.48	17.51	3	18.5
	256QAM	1	0	15.56	15.44	15.49	5	16.5
		1	50	15.38	15.41	15.22	5	16.5
		1	99	15.39	15.31	15.21	5	16.5
		50	0	15.48	15.56	15.58	5	16.5
		50	25	15.49	15.53	15.48	5	16.5
		50	50	15.50	15.43	15.46	5	16.5
		100	0	15.54	15.50	15.55	5	16.5
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3607.5	3650	3692.5		
15M	QPSK	1	0	20.55	20.32	20.40	0	21.5
		1	37	20.45	20.35	20.23	0	21.5
		1	74	20.21	20.38	20.20	0	21.5
		36	0	19.57	19.44	19.40	1	20.5
		36	19	19.48	19.44	19.49	1	20.5
		36	39	19.38	19.37	19.44	1	20.5
		75	0	19.49	19.46	19.51	1	20.5
	16QAM	1	0	19.56	19.47	19.48	1	20.5
		1	37	19.45	19.34	19.23	1	20.5
		1	74	19.37	19.13	19.16	1	20.5
		36	0	18.57	18.53	18.41	2	19.5
		36	19	18.40	18.42	18.29	2	19.5
		36	39	18.46	18.39	18.33	2	19.5
		75	0	18.49	18.41	18.21	2	19.5
	64QAM	1	0	18.44	18.37	18.49	2	19.5
		1	37	18.37	18.42	18.16	2	19.5
		1	74	18.22	18.16	18.14	2	19.5
		36	0	17.50	17.49	17.52	3	18.5
		36	19	17.51	17.38	17.44	3	18.5
		36	39	17.43	17.33	17.43	3	18.5
		75	0	17.54	17.35	17.38	3	18.5
	256QAM	1	0	15.41	15.38	15.36	5	16.5
		1	37	15.27	15.40	15.09	5	16.5
		1	74	15.34	15.28	15.20	5	16.5
		36	0	15.36	15.49	15.47	5	16.5
		36	19	15.48	15.39	15.35	5	16.5
		36	39	15.46	15.38	15.32	5	16.5
		75	0	15.47	15.38	15.43	5	16.5
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3605	3650	3695		
10M	QPSK	1	0	20.53	20.32	20.42	0	21.5
		1	24	20.40	20.38	20.32	0	21.5
		1	49	20.15	20.38	20.24	0	21.5
		25	0	19.45	19.52	19.34	1	20.5
		25	12	19.60	19.38	19.45	1	20.5
		25	25	19.31	19.31	19.33	1	20.5
		50	0	19.57	19.46	19.51	1	20.5
	16QAM	1	0	19.56	19.43	19.52	1	20.5
		1	24	19.36	19.41	19.17	1	20.5
		1	49	19.29	19.20	19.25	1	20.5
		25	0	18.50	18.54	18.42	2	19.5
		25	12	18.40	18.47	18.36	2	19.5
		25	25	18.36	18.41	18.32	2	19.5
		50	0	18.37	18.39	18.22	2	19.5
	64QAM	1	0	18.40	18.40	18.42	2	19.5
		1	24	18.48	18.44	18.10	2	19.5
		1	49	18.23	18.14	18.10	2	19.5
		25	0	17.48	17.41	17.53	3	18.5
		25	12	17.56	17.43	17.46	3	18.5
		25	25	17.47	17.39	17.43	3	18.5
		50	0	17.47	17.40	17.45	3	18.5
	256QAM	1	0	15.45	15.42	15.44	5	16.5
		1	24	15.29	15.33	15.14	5	16.5
		1	49	15.24	15.30	15.18	5	16.5
		25	0	15.44	15.51	15.51	5	16.5
		25	12	15.34	15.44	15.37	5	16.5
		25	25	15.49	15.31	15.45	5	16.5
		50	0	15.52	15.44	15.53	5	16.5
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3602.5	3650	3697.5		
5M	QPSK	1	0	20.57	20.23	20.32	0	21.5
		1	12	20.48	20.35	20.31	0	21.5
		1	24	20.17	20.32	20.23	0	21.5
		12	0	19.49	19.41	19.39	1	20.5
		12	6	19.53	19.40	19.54	1	20.5
		12	13	19.38	19.32	19.38	1	20.5
		25	0	19.50	19.51	19.49	1	20.5
	16QAM	1	0	19.60	19.50	19.52	1	20.5
		1	12	19.43	19.30	19.27	1	20.5
		1	24	19.29	19.21	19.23	1	20.5
		12	0	18.50	18.59	18.51	2	19.5
		12	6	18.35	18.49	18.31	2	19.5
		12	13	18.47	18.34	18.43	2	19.5
		25	0	18.40	18.38	18.25	2	19.5
	64QAM	1	0	18.48	18.48	18.51	2	19.5
		1	12	18.38	18.37	18.17	2	19.5
		1	24	18.21	18.14	18.17	2	19.5
		12	0	17.57	17.45	17.47	3	18.5
		12	6	17.48	17.35	17.49	3	18.5
		12	13	17.41	17.39	17.53	3	18.5
		25	0	17.51	17.35	17.39	3	18.5
	256QAM	1	0	15.50	15.39	15.34	5	16.5
		1	12	15.23	15.36	15.19	5	16.5
		1	24	15.25	15.24	15.20	5	16.5
		12	0	15.39	15.55	15.57	5	16.5
		12	6	15.38	15.44	15.41	5	16.5
		12	13	15.42	15.39	15.33	5	16.5
		25	0	15.53	15.48	15.51	5	16.5

LTE Band 48 for SAR (Ant11)

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640		
		Frequence (MHz)		3560	3609	3641	3690		
20M	QPSK	1	0	20.45	20.44	20.53	20.57	0	21.5
		1	50	20.50	20.48	20.65	20.71	0	21.5
		1	99	20.34	20.45	20.47	20.42	0	21.5
		50	0	19.48	19.55	19.71	19.73	1	20.5
		50	25	19.50	19.60	19.67	19.59	1	20.5
		50	50	19.47	19.47	19.61	19.65	1	20.5
		100	0	19.47	19.53	19.56	19.60	1	20.5
	16QAM	1	0	19.35	19.27	19.41	19.39	1	20.5
		1	50	19.30	19.27	19.36	19.55	1	20.5
		1	99	19.08	19.29	19.27	19.23	1	20.5
		50	0	18.59	18.54	18.78	18.65	2	19.5
		50	25	18.60	18.54	18.65	18.66	2	19.5
		50	50	18.45	18.48	18.72	18.65	2	19.5
		100	0	18.39	18.53	18.64	18.68	2	19.5
	64QAM	1	0	18.18	18.40	18.32	18.37	2	19.5
		1	50	18.34	18.36	18.47	18.40	2	19.5
		1	99	18.13	18.22	18.37	18.30	2	19.5
		50	0	17.49	17.42	17.55	17.63	3	18.5
		50	25	17.50	17.64	17.58	17.70	3	18.5
		50	50	17.39	17.51	17.67	17.58	3	18.5
		100	0	17.45	17.64	17.60	17.64	3	18.5
	256QAM	1	0	15.21	15.42	15.43	15.35	5	16.5
		1	50	15.33	15.39	15.44	15.44	5	16.5
		1	99	15.15	15.28	15.25	15.29	5	16.5
		50	0	15.43	15.43	15.55	15.70	5	16.5
		50	25	15.58	15.58	15.55	15.67	5	16.5
		50	50	15.37	15.45	15.63	15.60	5	16.5
		100	0	15.37	15.52	15.48	15.56	5	16.5
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5		
15M	QPSK	1	0	20.42	20.38	20.50	20.47	0	21.5
		1	37	20.48	20.44	20.60	20.62	0	21.5
		1	74	20.26	20.30	20.45	20.41	0	21.5
		36	0	19.45	19.45	19.66	19.70	1	20.5
		36	19	19.43	19.52	19.53	19.57	1	20.5
		36	39	19.43	19.37	19.50	19.63	1	20.5
		75	0	19.44	19.46	19.49	19.46	1	20.5
	16QAM	1	0	19.20	19.21	19.32	19.28	1	20.5
		1	37	19.28	19.23	19.35	19.52	1	20.5
		1	74	18.98	19.23	19.22	19.15	1	20.5
		36	0	18.49	18.43	18.76	18.62	2	19.5
		36	19	18.54	18.49	18.56	18.61	2	19.5
		36	39	18.43	18.45	18.64	18.54	2	19.5
		75	0	18.34	18.43	18.51	18.67	2	19.5
	64QAM	1	0	18.09	18.38	18.24	18.26	2	19.5
		1	37	18.33	18.32	18.34	18.35	2	19.5
		1	74	18.06	18.11	18.31	18.22	2	19.5
		36	0	17.45	17.28	17.52	17.62	3	18.5
		36	19	17.40	17.57	17.56	17.65	3	18.5
		36	39	17.25	17.49	17.62	17.51	3	18.5
		75	0	17.42	17.54	17.45	17.52	3	18.5
	256QAM	1	0	15.08	15.38	15.41	15.33	5	16.5
		1	37	15.30	15.28	15.39	15.43	5	16.5
		1	74	15.14	15.14	15.23	15.27	5	16.5
		36	0	15.37	15.39	15.51	15.55	5	16.5
		36	19	15.44	15.49	15.50	15.58	5	16.5
		36	39	15.29	15.40	15.52	15.56	5	16.5
		75	0	15.33	15.46	15.41	15.46	5	16.5
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695		
10M	QPSK	1	0	20.30	20.30	20.41	20.53	0	21.5
		1	24	20.49	20.46	20.62	20.69	0	21.5
		1	49	20.25	20.37	20.46	20.27	0	21.5
		25	0	19.33	19.47	19.60	19.70	1	20.5
		25	12	19.37	19.49	19.64	19.53	1	20.5
		25	25	19.38	19.34	19.47	19.55	1	20.5
		50	0	19.33	19.49	19.48	19.41	1	20.5
	16QAM	1	0	19.29	19.20	19.33	19.30	1	20.5
		1	24	19.17	19.25	19.35	19.49	1	20.5
		1	49	18.95	19.28	19.13	19.11	1	20.5
		25	0	18.58	18.48	18.66	18.53	2	19.5
		25	12	18.56	18.39	18.60	18.60	2	19.5
		25	25	18.40	18.44	18.59	18.50	2	19.5
		50	0	18.36	18.42	18.56	18.60	2	19.5
	64QAM	1	0	18.05	18.36	18.18	18.22	2	19.5
		1	24	18.21	18.33	18.41	18.27	2	19.5
		1	49	18.01	18.19	18.24	18.29	2	19.5
		25	0	17.36	17.38	17.54	17.60	3	18.5
		25	12	17.36	17.63	17.44	17.56	3	18.5
		25	25	17.26	17.38	17.54	17.48	3	18.5
		50	0	17.30	17.61	17.59	17.52	3	18.5
	256QAM	1	0	15.06	15.30	15.32	15.34	5	16.5
		1	24	15.19	15.37	15.35	15.35	5	16.5
		1	49	15.06	15.14	15.10	15.20	5	16.5
		25	0	15.35	15.33	15.42	15.59	5	16.5
		25	12	15.48	15.51	15.50	15.55	5	16.5
		25	25	15.28	15.37	15.48	15.58	5	16.5
		50	0	15.27	15.46	15.39	15.55	5	16.5
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5		
5M	QPSK	1	0	20.33	20.43	20.52	20.42	0	21.5
		1	12	20.36	20.40	20.56	20.69	0	21.5
		1	24	20.32	20.32	20.43	20.39	0	21.5
		12	0	19.37	19.48	19.70	19.56	1	20.5
		12	6	19.47	19.52	19.52	19.47	1	20.5
		12	13	19.40	19.46	19.50	19.63	1	20.5
		25	0	19.39	19.45	19.46	19.47	1	20.5
	16QAM	1	0	19.25	19.23	19.32	19.37	1	20.5
		1	12	19.16	19.26	19.30	19.52	1	20.5
		1	24	19.06	19.21	19.16	19.16	1	20.5
		12	0	18.54	18.43	18.74	18.50	2	19.5
		12	6	18.48	18.49	18.59	18.56	2	19.5
		12	13	18.30	18.37	18.66	18.59	2	19.5
		25	0	18.35	18.47	18.60	18.61	2	19.5
	64QAM	1	0	18.05	18.33	18.22	18.22	2	19.5
		1	12	18.28	18.32	18.33	18.37	2	19.5
		1	24	18.04	18.19	18.22	18.26	2	19.5
		12	0	17.37	17.41	17.40	17.57	3	18.5
		12	6	17.48	17.55	17.53	17.63	3	18.5
		12	13	17.27	17.44	17.53	17.43	3	18.5
		25	0	17.43	17.54	17.52	17.50	3	18.5
	256QAM	1	0	15.14	15.30	15.32	15.31	5	16.5
		1	12	15.29	15.36	15.43	15.34	5	16.5
		1	24	15.11	15.13	15.18	15.18	5	16.5
		12	0	15.31	15.38	15.53	15.63	5	16.5
		12	6	15.43	15.53	15.49	15.62	5	16.5
		12	13	15.34	15.39	15.52	15.46	5	16.5
		25	0	15.32	15.50	15.41	15.46	5	16.5

LTE Band 66 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.43	**22.53**	22.47	0	24
		1	50	22.46	22.51	22.39	0	24
		1	99	22.45	22.45	22.36	0	24
		50	0	21.41	21.45	21.37	1	23
		50	25	21.43	21.49	21.40	1	23
		50	50	21.46	21.54	21.41	1	23
		100	0	21.47	21.51	21.37	1	23
	16QAM	1	0	21.74	21.72	21.58	1	23
		1	50	21.59	21.59	21.46	1	23
		1	99	21.72	21.69	21.59	1	23
		50	0	20.48	20.46	20.42	2	22
		50	25	20.39	20.46	20.40	2	22
		50	50	20.50	20.52	20.39	2	22
		100	0	20.39	20.50	20.44	2	22
	64QAM	1	0	20.55	20.64	20.47	2	22
		1	50	20.60	20.57	20.61	2	22
		1	99	20.50	20.41	20.38	2	22
		50	0	19.48	19.45	19.42	3	21
		50	25	19.45	19.52	19.41	3	21
		50	50	19.54	19.44	19.48	3	21
		100	0	19.49	19.59	19.39	3	21
	256QAM	1	0	17.52	17.56	17.45	5	19
		1	50	17.59	17.50	17.54	5	19
		1	99	17.47	17.37	17.25	5	19
		50	0	17.43	17.39	17.31	5	19
		50	25	17.44	17.38	17.32	5	19
		50	50	17.50	17.36	17.47	5	19
		100	0	17.46	17.57	17.27	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	22.33	22.49	22.39	0	24
		1	37	22.45	22.41	22.33	0	24
		1	74	22.38	22.33	22.21	0	24
		36	0	21.35	21.44	21.32	1	23
		36	19	21.38	21.36	21.29	1	23
		36	39	21.28	21.40	21.28	1	23
		75	0	21.32	21.49	21.28	1	23
	16QAM	1	0	21.63	21.67	21.55	1	23
		1	37	21.46	21.52	21.39	1	23
		1	74	21.63	21.60	21.46	1	23
		36	0	20.39	20.42	20.28	2	22
		36	19	20.35	20.41	20.27	2	22
		36	39	20.43	20.44	20.28	2	22
		75	0	20.37	20.44	20.38	2	22
	64QAM	1	0	20.41	20.51	20.32	2	22
		1	37	20.48	20.48	20.49	2	22
		1	74	20.38	20.29	20.26	2	22
		36	0	19.47	19.44	19.35	3	21
		36	19	19.36	19.38	19.30	3	21
		36	39	19.39	19.41	19.35	3	21
		75	0	19.43	19.56	19.36	3	21
	256QAM	1	0	17.51	17.45	17.34	5	19
		1	37	17.57	17.49	17.45	5	19
		1	74	17.46	17.27	17.24	5	19
		36	0	17.29	17.28	17.20	5	19
		36	19	17.34	17.34	17.17	5	19
		36	39	17.47	17.32	17.38	5	19
		75	0	17.44	17.53	17.12	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.28	22.41	22.32	0	24
		1	24	22.39	22.39	22.30	0	24
		1	49	22.39	22.31	22.32	0	24
		25	0	21.40	21.32	21.34	1	23
		25	12	21.38	21.36	21.35	1	23
		25	25	21.40	21.40	21.38	1	23
		50	0	21.38	21.46	21.31	1	23
	16QAM	1	0	21.64	21.68	21.44	1	23
		1	24	21.44	21.45	21.31	1	23
		1	49	21.68	21.60	21.47	1	23
		25	0	20.41	20.32	20.28	2	22
		25	12	20.31	20.40	20.35	2	22
		25	25	20.39	20.45	20.29	2	22
		50	0	20.35	20.47	20.36	2	22
	64QAM	1	0	20.46	20.54	20.42	2	22
		1	24	20.48	20.52	20.60	2	22
		1	49	20.45	20.32	20.23	2	22
		25	0	19.35	19.33	19.30	3	21
		25	12	19.30	19.50	19.37	3	21
		25	25	19.49	19.32	19.33	3	21
		50	0	19.47	19.51	19.30	3	21
	256QAM	1	0	17.37	17.41	17.33	5	19
		1	24	17.55	17.46	17.53	5	19
		1	49	17.35	17.22	17.14	5	19
		25	0	17.28	17.31	17.16	5	19
		25	12	17.33	17.30	17.21	5	19
		25	25	17.42	17.33	17.34	5	19
		50	0	17.32	17.46	17.15	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.42	22.40	22.36	0	24
		1	12	22.43	22.46	22.26	0	24
		1	24	22.42	22.37	22.31	0	24
		12	0	21.33	21.37	21.28	1	23
		12	6	21.41	21.43	21.26	1	23
		12	13	21.28	21.52	21.26	1	23
		25	0	21.35	21.42	21.27	1	23
	16QAM	1	0	21.59	21.61	21.44	1	23
		1	12	21.58	21.52	21.43	1	23
		1	24	21.65	21.55	21.44	1	23
		12	0	20.43	20.45	20.29	2	22
		12	6	20.38	20.42	20.39	2	22
		12	13	20.36	20.37	20.37	2	22
		25	0	20.36	20.35	20.39	2	22
	64QAM	1	0	20.49	20.55	20.37	2	22
		1	12	20.46	20.43	20.55	2	22
		1	24	20.43	20.26	20.24	2	22
		12	0	19.40	19.39	19.39	3	21
		12	6	19.34	19.46	19.35	3	21
		12	13	19.48	19.38	19.46	3	21
		25	0	19.35	19.48	19.37	3	21
	256QAM	1	0	17.48	17.52	17.42	5	19
		1	12	17.54	17.43	17.46	5	19
		1	24	17.42	17.23	17.21	5	19
		12	0	17.41	17.32	17.17	5	19
		12	6	17.29	17.29	17.27	5	19
		12	13	17.46	17.24	17.33	5	19
		25	0	17.43	17.53	17.26	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.34	22.51	22.35	0	24
		1	7	22.45	22.42	22.32	0	24
		1	14	22.33	22.30	22.25	0	24
		8	0	21.29	21.38	21.36	1	23
		8	3	21.39	21.38	21.25	1	23
		8	7	21.39	21.40	21.26	1	23
		15	0	21.34	21.40	21.38	1	23
	16QAM	1	0	21.64	21.61	21.52	1	23
		1	7	21.48	21.56	21.41	1	23
		1	14	21.60	21.64	21.50	1	23
		8	0	20.44	20.35	20.27	2	22
		8	3	20.38	20.45	20.29	2	22
		8	7	20.49	20.39	20.36	2	22
		15	0	20.28	20.42	20.29	2	22
	64QAM	1	0	20.41	20.55	20.40	2	22
		1	7	20.52	20.53	20.52	2	22
		1	14	20.37	20.33	20.26	2	22
		8	0	19.36	19.35	19.40	3	21
		8	3	19.43	19.48	19.33	3	21
		8	7	19.48	19.35	19.47	3	21
		15	0	19.34	19.47	19.37	3	21
	256QAM	1	0	17.45	17.43	17.43	5	19
		1	7	17.46	17.36	17.47	5	19
		1	14	17.46	17.31	17.19	5	19
		8	0	17.29	17.32	17.19	5	19
		8	3	17.38	17.34	17.18	5	19
		8	7	17.47	17.25	17.33	5	19
		15	0	17.45	17.55	17.18	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.31	22.41	22.46	0	24
		1	2	22.43	22.38	22.27	0	24
		1	5	22.39	22.32	22.35	0	24
		3	0	22.06	22.15	22.02	0	24
		3	1	22.24	22.20	22.15	0	24
		3	3	22.14	22.33	22.09	0	24
		6	0	21.32	21.45	21.25	1	23
	16QAM	1	0	21.62	21.67	21.47	1	23
		1	2	21.55	21.50	21.33	1	23
		1	5	21.61	21.63	21.50	1	23
		3	0	21.46	21.31	21.30	1	23
		3	1	21.31	21.38	21.34	1	23
		3	3	21.36	21.37	21.35	1	23
		6	0	20.34	20.45	20.39	2	22
	64QAM	1	0	20.51	20.51	20.34	2	22
		1	2	20.46	20.48	20.59	2	22
		1	5	20.43	20.35	20.31	2	22
		3	0	20.45	20.36	20.29	2	22
		3	1	20.38	20.46	20.36	2	22
		3	3	20.53	20.36	20.46	2	22
		6	0	19.35	19.48	19.35	3	21
	256QAM	1	0	17.48	17.47	17.43	5	19
		1	2	17.48	17.36	17.52	5	19
		1	5	17.32	17.22	17.24	5	19
		3	0	17.41	17.30	17.22	5	19
		3	1	17.36	17.27	17.22	5	19
		3	3	17.38	17.25	17.45	5	19
		6	0	17.32	17.42	17.12	5	19

LTE Band 71 (Ant0)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133222	133322	133372		
		Frequency (MHz)		673	683	688		
20M	QPSK	1	0	**22.37**	22.32	22.21	0	24
		1	50	22.07	22.16	22.00	0	24
		1	99	22.21	22.11	22.07	0	24
		50	0	21.28	21.23	21.21	1	23
		50	25	21.29	21.28	21.24	1	23
		50	50	21.27	21.15	21.21	1	23
		100	0	21.35	21.20	21.25	1	23
	16QAM	1	0	21.61	21.56	21.49	1	23
		1	50	21.55	21.50	21.51	1	23
		1	99	21.57	21.50	21.51	1	23
		50	0	20.51	20.46	20.38	2	22
		50	25	20.32	20.28	20.18	2	22
		50	50	20.32	20.38	20.19	2	22
		100	0	20.34	20.30	20.27	2	22
	64QAM	1	0	20.60	20.47	20.43	2	22
		1	50	20.43	20.44	20.35	2	22
		1	99	20.44	20.43	20.36	2	22
		50	0	19.33	19.43	19.30	3	21
		50	25	19.38	19.44	19.40	3	21
		50	50	19.51	19.39	19.37	3	21
		100	0	19.39	19.39	19.38	3	21
	256QAM	1	0	17.58	17.36	17.28	5	19
		1	50	17.36	17.32	17.30	5	19
		1	99	17.38	17.39	17.35	5	19
		50	0	17.31	17.29	17.22	5	19
		50	25	17.23	17.38	17.30	5	19
		50	50	17.50	17.31	17.31	5	19
		100	0	17.26	17.28	17.27	5	19
BW	Modulation	Channel		133197	133257	133387	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		670.5	680.5	690.5		
15M	QPSK	1	0	22.34	22.31	22.08	0	24
		1	37	22.00	22.08	21.86	0	24
		1	74	22.20	21.98	21.93	0	24
		36	0	21.25	21.15	21.15	1	23
		36	19	21.15	21.15	21.10	1	23
		36	39	21.23	21.05	21.13	1	23
		75	0	21.30	21.08	21.17	1	23
	16QAM	1	0	21.57	21.45	21.35	1	23
		1	37	21.48	21.39	21.46	1	23
		1	74	21.53	21.35	21.41	1	23
		36	0	20.36	20.42	20.36	2	22
		36	19	20.29	20.21	20.15	2	22
		36	39	20.20	20.26	20.16	2	22
		75	0	20.22	20.21	20.12	2	22
	64QAM	1	0	20.45	20.33	20.39	2	22
		1	37	20.37	20.32	20.25	2	22
		1	74	20.34	20.38	20.35	2	22
		36	0	19.22	19.38	19.18	3	21
		36	19	19.24	19.35	19.38	3	21
		36	39	19.47	19.26	19.30	3	21
		75	0	19.26	19.34	19.37	3	21
	256QAM	1	0	17.56	17.35	17.15	5	19
		1	37	17.30	17.22	17.15	5	19
		1	74	17.35	17.32	17.24	5	19
		36	0	17.26	17.19	17.13	5	19
		36	19	17.16	17.33	17.22	5	19
		36	39	17.44	17.27	17.27	5	19
		75	0	17.13	17.17	17.18	5	19
BW	Modulation	Channel		133172	133272	133422	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		668	678	693		
10M	QPSK	1	0	22.30	22.28	22.17	0	24
		1	24	21.99	22.12	21.97	0	24
		1	49	22.17	21.97	22.00	0	24
		25	0	21.14	21.18	21.13	1	23
		25	12	21.14	21.20	21.16	1	23
		25	25	21.18	21.12	21.09	1	23
		50	0	21.27	21.16	21.11	1	23
	16QAM	1	0	21.47	21.53	21.34	1	23
		1	24	21.53	21.40	21.43	1	23
		1	49	21.46	21.37	21.50	1	23
		25	0	20.47	20.43	20.31	2	22
		25	12	20.18	20.21	20.10	2	22
		25	25	20.26	20.31	20.11	2	22
		50	0	20.22	20.26	20.13	2	22
	64QAM	1	0	20.56	20.39	20.36	2	22
		1	24	20.36	20.30	20.25	2	22
		1	49	20.40	20.42	20.24	2	22
		25	0	19.29	19.39	19.28	3	21
		25	12	19.30	19.39	19.29	3	21
		25	25	19.44	19.35	19.23	3	21
		50	0	19.35	19.36	19.34	3	21
	256QAM	1	0	17.52	17.30	17.13	5	19
		1	24	17.31	17.30	17.19	5	19
		1	49	17.31	17.26	17.22	5	19
		25	0	17.24	17.22	17.21	5	19
		25	12	17.22	17.35	17.19	5	19
		25	25	17.45	17.27	17.20	5	19
		50	0	17.16	17.27	17.22	5	19
BW	Modulation	Channel		133147	133247	133467	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		665.5	675.5	695.5		
5M	QPSK	1	0	22.30	22.18	22.16	0	24
		1	12	21.99	22.02	21.96	0	24
		1	24	22.07	22.02	21.99	0	24
		12	0	21.22	21.27	21.06	1	23
		12	6	21.17	21.10	21.16	1	23
		12	13	21.21	21.08	21.16	1	23
		25	0	21.20	21.12	21.19	1	23
	16QAM	1	0	21.48	21.55	21.43	1	23
		1	12	21.47	21.38	21.39	1	23
		1	24	21.51	21.41	21.43	1	23
		12	0	20.37	20.45	20.26	2	22
		12	6	20.18	20.18	20.04	2	22
		12	13	20.17	20.31	20.15	2	22
		25	0	20.24	20.27	20.21	2	22
	64QAM	1	0	20.51	20.42	20.33	2	22
		1	12	20.38	20.30	20.26	2	22
		1	24	20.42	20.39	20.25	2	22
		12	0	19.28	19.37	19.20	3	21
		12	6	19.27	19.32	19.26	3	21
		12	13	19.44	19.28	19.32	3	21
		25	0	19.28	19.26	19.26	3	21
	256QAM	1	0	17.53	17.29	17.23	5	19
		1	12	17.35	17.25	17.29	5	19
		1	24	17.36	17.38	17.25	5	19
		12	0	17.21	17.21	17.14	5	19
		12	6	17.18	17.37	17.21	5	19
		12	13	17.45	17.28	17.17	5	19
		25	0	17.16	17.25	17.16	5	19

LTE Band 2 (Ant2)

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	**22.44**	22.34	22.32	0	24
		1	50	22.32	22.32	22.19	0	24
		1	99	22.24	22.19	22.10	0	24
		50	0	21.32	21.33	21.20	1	23
		50	25	21.42	21.37	21.35	1	23
		50	50	21.35	21.36	21.23	1	23
		100	0	21.40	21.35	21.34	1	23
	16QAM	1	0	21.45	21.38	21.34	1	23
		1	50	21.52	21.42	21.39	1	23
		1	99	21.40	21.36	21.26	1	23
		50	0	20.24	20.32	20.20	2	22
		50	25	20.37	20.41	20.34	2	22
		50	50	20.35	20.45	20.32	2	22
		100	0	20.42	20.30	20.26	2	22
	64QAM	1	0	20.39	20.31	20.27	2	22
		1	50	20.38	20.40	20.26	2	22
		1	99	20.46	20.34	20.32	2	22
		50	0	19.31	19.20	19.15	3	21
		50	25	19.41	19.26	19.29	3	21
		50	50	19.35	19.32	19.25	3	21
		100	0	19.42	19.39	19.29	3	21
	256QAM	1	0	17.29	17.28	17.31	5	19
		1	50	17.41	17.36	17.36	5	19
		1	99	17.48	17.38	17.39	5	19
		50	0	17.40	17.40	17.27	5	19
		50	25	17.39	17.25	17.17	5	19
		50	50	17.52	17.44	17.41	5	19
		100	0	17.37	17.36	17.32	5	19
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	**22.35**	22.32	22.21	0	24
		1	37	22.31	22.22	22.17	0	24
		1	74	22.15	22.14	22.01	0	24
		36	0	21.28	21.19	21.19	1	23
		36	19	21.28	21.26	21.33	1	23
		36	39	21.30	21.34	21.21	1	23
		75	0	21.36	21.31	21.22	1	23
	16QAM	1	0	21.43	21.25	21.33	1	23
		1	37	21.43	21.30	21.28	1	23
		1	74	21.32	21.21	21.17	1	23
		36	0	20.19	20.21	20.15	2	22
		36	19	20.25	20.26	20.30	2	22
		36	39	20.28	20.39	20.19	2	22
		75	0	20.37	20.15	20.16	2	22
	64QAM	1	0	20.31	20.17	20.19	2	22
		1	37	20.25	20.37	20.16	2	22
		1	74	20.42	20.23	20.20	2	22
		36	0	19.24	19.09	19.04	3	21
		36	19	19.27	19.17	19.23	3	21
		36	39	19.28	19.26	19.19	3	21
		75	0	19.35	19.25	19.21	3	21
	256QAM	1	0	17.18	17.15	17.26	5	19
		1	37	17.38	17.32	17.24	5	19
		1	74	17.36	17.30	17.25	5	19
		36	0	17.32	17.31	17.25	5	19
		36	19	17.38	17.16	17.04	5	19
		36	39	17.42	17.39	17.31	5	19
		75	0	17.36	17.29	17.28	5	19
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	**22.37**	22.27	22.21	0	24
		1	24	22.23	22.19	22.04	0	24
		1	49	22.11	22.10	22.09	0	24
		25	0	21.24	21.28	21.05	1	23
		25	12	21.32	21.22	21.28	1	23
		25	25	21.20	21.23	21.11	1	23
		50	0	21.37	21.28	21.24	1	23
	16QAM	1	0	21.43	21.35	21.22	1	23
		1	24	21.45	21.29	21.32	1	23
		1	49	21.35	21.21	21.11	1	23
		25	0	20.18	20.26	20.09	2	22
		25	12	20.34	20.28	20.28	2	22
		25	25	20.28	20.38	20.25	2	22
		50	0	20.36	20.20	20.24	2	22
	64QAM	1	0	20.30	20.22	20.20	2	22
		1	24	20.24	20.34	20.23	2	22
		1	49	20.43	20.19	20.22	2	22
		25	0	19.27	19.11	19.03	3	21
		25	12	19.37	19.23	19.20	3	21
		25	25	19.27	19.29	19.15	3	21
		50	0	19.29	19.29	19.25	3	21
	256QAM	1	0	17.27	17.15	17.17	5	19
		1	24	17.30	17.31	17.23	5	19
		1	49	17.37	17.30	17.26	5	19
		25	0	17.34	17.30	17.15	5	19
		25	12	17.26	17.20	17.09	5	19
		25	25	17.44	17.40	17.30	5	19
		50	0	17.22	17.24	17.28	5	19
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	**22.37**	22.25	22.18	0	24
		1	12	22.27	22.30	22.17	0	24
		1	24	22.12	22.07	21.95	0	24
		12	0	21.28	21.18	21.18	1	23
		12	6	21.39	21.27	21.29	1	23
		12	13	21.23	21.31	21.20	1	23
		25	0	21.36	21.22	21.29	1	23
	16QAM	1	0	21.34	21.29	21.33	1	23
		1	12	21.50	21.37	21.32	1	23
		1	24	21.25	21.33	21.13	1	23
		12	0	20.12	20.23	20.09	2	22
		12	6	20.25	20.26	20.24	2	22
		12	13	20.29	20.43	20.19	2	22
		25	0	20.40	20.29	20.22	2	22
	64QAM	1	0	20.36	20.30	20.20	2	22
		1	12	20.25	20.25	20.25	2	22
		1	24	20.45	20.33	20.23	2	22
		12	0	19.25	19.18	19.01	3	21
		12	6	19.39	19.20	19.16	3	21
		12	13	19.24	19.18	19.20	3	21
		25	0	19.32	19.37	19.23	3	21
	256QAM	1	0	17.28	17.26	17.27	5	19
		1	12	17.40	17.22	17.33	5	19
		1	24	17.41	17.25	17.29	5	19
		12	0	17.29	17.28	17.22	5	19
		12	6	17.38	17.14	17.09	5	19
		12	13	17.50	17.43	17.35	5	19
		25	0	17.32	17.33	17.24	5	19
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	**22.30**	22.22	22.18	0	24
		1	7	22.23	22.29	22.15	0	24
		1	14	22.16	22.17	21.95	0	24
		8	0	21.27	21.19	21.06	1	23
		8	3	21.34	21.22	21.32	1	23
		8	7	21.21	21.34	21.11	1	23
		15	0	21.31	21.29	21.30	1	23
	16QAM	1	0	21.42	21.33	21.31	1	23
		1	7	21.44	21.33	21.37	1	23
		1	14	21.30	21.29	21.17	1	23
		8	0	20.17	20.24	20.17	2	22
		8	3	20.23	20.33	20.19	2	22
		8	7	20.34	20.33	20.28	2	22
		15	0	20.30	20.16	20.16	2	22
	64QAM	1	0	20.25	20.17	20.13	2	22
		1	7	20.35	20.32	20.12	2	22
		1	14	20.38	20.21	20.21	2	22
		8	0	19.21	19.06	19.07	3	21
		8	3	19.33	19.20	19.15	3	21
		8	7	19.29	19.23	19.12	3	21
		15	0	19.34	19.37	19.18	3	21
	256QAM	1	0	17.15	17.15	17.28	5	19
		1	7	17.32	17.21	17.32	5	19
		1	14	17.41	17.32	17.27	5	19
		8	0	17.31	17.25	17.14	5	19
		8	3	17.34	17.22	17.14	5	19
		8	7	17.46	17.36	17.40	5	19
		15	0	17.23	17.28	17.26	5	19
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	**22.37**	22.27	22.20	0	24
		1	2	22.31	22.28	22.12	0	24
		1	5	22.21	22.07	22.06	0	24
		3	0	22.10	22.02	21.89	0	24
		3	1	22.12	22.11	22.05	0	24
		3	3	22.09	22.14	21.88	0	24
		6	0	21.26	21.29	21.32	1	23
	16QAM	1	0	21.41	21.26	21.20	1	23
		1	2	21.44	21.36	21.34	1	23
		1	5	21.29	21.33	21.15	1	23
		3	0	21.22	21.17	21.17	1	23
		3	1	21.25	21.39	21.26	1	23
		3	3	21.25	21.34	21.29	1	23
		6	0	20.35	20.27	20.19	2	22
	64QAM	1	0	20.36	20.16	20.12	2	22
		1	2	20.36	20.28	20.11	2	22
		1	5	20.37	20.33	20.28	2	22
		3	0	20.26	20.14	20.06	2	22
		3	1	20.28	20.25	20.28	2	22
		3	3	20.33	20.26	20.17	2	22
		6	0	19.36	19.38	19.15	3	21
	256QAM	1	0	17.26	17.27	17.17	5	19
		1	2	17.28	17.27	17.30	5	19
		1	5	17.35	17.37	17.30	5	19
		3	0	17.39	17.32	17.16	5	19
		3	1	17.26	17.11	17.11	5	19
		3	3	17.43	17.42	17.26	5	19
		6	0	17.33	17.21	17.30	5	19

LTE Band 7 (Ant10)

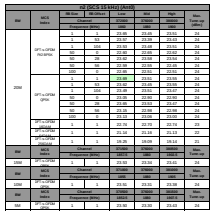
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	22.41	22.37	22.44	0	24
		1	50	22.38	22.38	22.54	0	24
		1	99	22.46	22.49	**22.58**	0	24
		50	0	21.39	21.37	21.37	1	23
		50	25	21.40	21.39	21.52	1	23
		50	50	21.38	21.35	21.45	1	23
		100	0	21.38	21.43	21.46	1	23
	16QAM	1	0	21.63	21.68	21.67	1	23
		1	50	21.56	21.58	21.69	1	23
		1	99	21.64	21.75	21.79	1	23
		50	0	20.35	20.41	20.48	2	22
		50	25	20.38	20.45	20.51	2	22
		50	50	20.49	20.49	20.48	2	22
		100	0	20.34	20.37	20.53	2	22
	64QAM	1	0	20.40	20.49	20.49	2	22
		1	50	20.50	20.51	20.51	2	22
		1	99	20.47	20.56	20.63	2	22
		50	0	19.39	19.45	19.44	3	21
		50	25	19.35	19.51	19.44	3	21
		50	50	19.48	19.51	19.55	3	21
		100	0	19.45	19.43	19.51	3	21
	256QAM	1	0	17.48	17.55	17.52	5	19
		1	50	17.52	17.56	17.51	5	19
		1	99	17.58	17.56	17.52	5	19
		50	0	17.52	17.47	17.56	5	19
		50	25	17.39	17.40	17.56	5	19
		50	50	17.40	17.52	17.52	5	19
		100	0	17.52	17.49	17.49	5	19
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	22.36	22.26	22.43	0	24
		1	37	22.24	22.33	**22.50**	0	24
		1	74	22.33	22.41	22.49	0	24
		36	0	21.27	21.29	21.32	1	23
		36	19	21.33	21.24	21.40	1	23
		36	39	21.35	21.23	21.42	1	23
		75	0	21.33	21.36	21.40	1	23
	16QAM	1	0	21.62	21.63	21.63	1	23
		1	37	21.44	21.49	21.55	1	23
		1	74	21.49	21.61	21.67	1	23
		36	0	20.24	20.27	20.35	2	22
		36	19	20.32	20.37	20.45	2	22
		36	39	20.38	20.35	20.44	2	22
		75	0	20.26	20.23	20.41	2	22
	64QAM	1	0	20.32	20.38	20.38	2	22
		1	37	20.45	20.40	20.45	2	22
		1	74	20.43	20.42	20.54	2	22
		36	0	19.34	19.36	19.31	3	21
		36	19	19.33	19.45	19.35	3	21
		36	39	19.41	19.39	19.41	3	21
		75	0	19.37	19.40	19.36	3	21
	256QAM	1	0	17.35	17.45	17.50	5	19
		1	37	17.39	17.52	17.38	5	19
		1	74	17.48	17.48	17.42	5	19
		36	0	17.51	17.36	17.48	5	19
		36	19	17.26	17.35	17.41	5	19
		36	39	17.25	17.40	17.48	5	19
		75	0	17.47	17.45	17.48	5	19
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	22.32	22.33	22.37	0	24
		1	24	22.31	22.35	22.48	0	24
		1	49	22.45	22.44	**22.50**	0	24
		25	0	21.36	21.33	21.24	1	23
		25	12	21.20	21.35	21.39	1	23
		25	25	21.34	21.22	21.37	1	23
		50	0	21.24	21.42	21.33	1	23
	16QAM	1	0	21.55	21.62	21.56	1	23
		1	24	21.54	21.52	21.59	1	23
		1	49	21.62	21.74	21.66	1	23
		25	0	20.22	20.30	20.33	2	22
		25	12	20.23	20.35	20.41	2	22
		25	25	20.40	20.44	20.41	2	22
		50	0	20.27	20.33	20.38	2	22
	64QAM	1	0	20.32	20.44	20.46	2	22
		1	24	20.43	20.36	20.50	2	22
		1	49	20.38	20.51	20.52	2	22
		25	0	19.26	19.41	19.32	3	21
		25	12	19.29	19.47	19.30	3	21
		25	25	19.42	19.45	19.40	3	21
		50	0	19.31	19.41	19.47	3	21
	256QAM	1	0	17.41	17.47	17.38	5	19
		1	24	17.43	17.51	17.42	5	19
		1	49	17.46	17.53	17.49	5	19
		25	0	17.49	17.33	17.55	5	19
		25	12	17.24	17.31	17.50	5	19
		25	25	17.26	17.38	17.39	5	19
		50	0	17.45	17.41	17.36	5	19
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	22.35	22.34	22.42	0	24
		1	12	22.26	22.31	22.44	0	24
		1	24	22.44	**22.47**	22.43	0	24
		12	0	21.29	21.23	21.30	1	23
		12	6	21.34	21.38	21.38	1	23
		12	13	21.34	21.27	21.30	1	23
		25	0	21.23	21.42	21.37	1	23
	16QAM	1	0	21.58	21.60	21.66	1	23
		1	12	21.46	21.56	21.67	1	23
		1	24	21.50	21.65	21.69	1	23
		12	0	20.22	20.38	20.41	2	22
		12	6	20.34	20.42	20.50	2	22
		12	13	20.40	20.47	20.41	2	22
		25	0	20.31	20.32	20.49	2	22
	64QAM	1	0	20.31	20.35	20.36	2	22
		1	12	20.46	20.42	20.45	2	22
		1	24	20.34	20.53	20.56	2	22
		12	0	19.26	19.35	19.31	3	21
		12	6	19.20	19.43	19.33	3	21
		12	13	19.36	19.47	19.45	3	21
		25	0	19.39	19.33	19.48	3	21
	256QAM	1	0	17.41	17.40	17.50	5	19
		1	12	17.48	17.53	17.38	5	19
		1	24	17.46	17.42	17.45	5	19
		12	0	17.41	17.45	17.51	5	19
		12	6	17.37	17.35	17.41	5	19
		12	13	17.27	17.41	17.44	5	19
		25	0	17.50	17.44	17.36	5	19

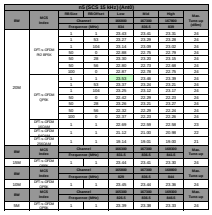
LTE Band 30 (Ant6)

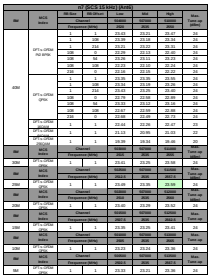
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10M	QPSK	1	0		23.02		0	24
		1	24		**23.11**		0	24
		1	49		23.04		0	24
		25	0		21.97		1	23
		25	12		21.96		1	23
		25	25		21.98		1	23
		50	0		21.94		1	23
	16QAM	1	0		22.11		1	23
		1	24		22.14		1	23
		1	49		22.09		1	23
		25	0		21.01		2	22
		25	12		21.03		2	22
		25	25		21.05		2	22
		50	0		20.98		2	22
	64QAM	1	0		20.76		2	22
		1	24		20.78		2	22
		1	49		20.70		2	22
		25	0		20.02		3	21
		25	12		20.03		3	21
		25	25		20.02		3	21
		50	0		19.99		3	21
	256QAM	1	0		17.92		5	19
		1	24		18.13		5	19
		1	49		17.98		5	19
		25	0		17.93		5	19
		25	12		18.04		5	19
		25	25		17.97		5	19
		50	0		18.00		5	19
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	22.89	22.95	22.95	0	24
		1	12	23.06	**23.09**	23.05	0	24
		1	24	22.90	23.02	23.01	0	24
		12	0	21.87	21.83	21.86	1	23
		12	6	21.81	21.83	21.85	1	23
		12	13	21.92	21.84	21.90	1	23
		25	0	21.86	21.86	21.82	1	23
	16QAM	1	0	22.04	22.00	22.03	1	23
		1	12	22.01	22.04	22.03	1	23
		1	24	21.94	22.05	21.94	1	23
		12	0	20.90	20.95	20.93	2	22
		12	6	20.99	21.01	20.89	2	22
		12	13	21.02	21.02	20.98	2	22
		25	0	20.90	20.96	20.95	2	22
	64QAM	1	0	20.70	20.61	20.65	2	22
		1	12	20.67	20.66	20.67	2	22
		1	24	20.69	20.63	20.58	2	22
		12	0	19.98	19.93	19.99	3	21
		12	6	20.01	19.99	20.00	3	21
		12	13	19.91	19.91	20.00	3	21
		25	0	19.90	19.96	19.88	3	21
	256QAM	1	0	17.89	17.89	17.89	5	19
		1	12	17.99	18.11	18.11	5	19
		1	24	17.89	17.86	17.88	5	19
		12	0	17.85	17.80	17.89	5	19
		12	6	17.89	17.97	17.90	5	19
		12	13	17.92	17.90	17.88	5	19
		25	0	17.98	17.93	17.86	5	19

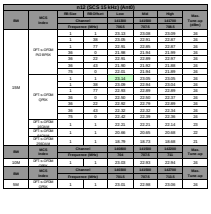
LTE Band 66 (Ant2)

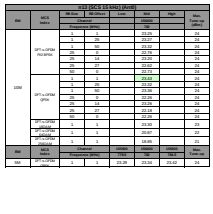
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	22.40	**22.47**	22.35	0	24
		1	50	22.41	22.32	22.23	0	24
		1	99	22.29	22.37	22.21	0	24
		50	0	21.33	21.36	21.25	1	23
		50	25	21.41	21.48	21.24	1	23
		50	50	21.47	21.42	21.24	1	23
		100	0	21.37	21.38	21.22	1	23
	16QAM	1	0	21.67	21.63	21.46	1	23
		1	50	21.58	21.54	21.48	1	23
		1	99	21.54	21.53	21.36	1	23
		50	0	20.41	20.38	20.30	2	22
		50	25	20.39	20.44	20.28	2	22
		50	50	20.41	20.54	20.37	2	22
		100	0	20.34	20.39	20.18	2	22
	64QAM	1	0	20.49	20.47	20.34	2	22
		1	50	20.34	20.48	20.20	2	22
		1	99	20.38	20.39	20.28	2	22
		50	0	19.34	19.41	19.30	3	21
		50	25	19.41	19.48	19.19	3	21
		50	50	19.37	19.51	19.24	3	21
		100	0	19.37	19.43	19.33	3	21
	256QAM	1	0	17.38	17.39	17.23	5	19
		1	50	17.42	17.51	17.29	5	19
		1	99	17.52	17.47	17.33	5	19
		50	0	17.34	17.45	17.27	5	19
		50	25	17.39	17.52	17.29	5	19
		50	50	17.44	17.49	17.36	5	19
		100	0	17.35	17.36	17.31	5	19
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	**22.34**	**22.34**	22.32	0	24
		1	37	22.33	22.23	22.12	0	24
		1	74	22.27	22.24	22.08	0	24
		36	0	21.29	21.34	21.12	1	23
		36	19	21.26	21.33	21.09	1	23
		36	39	21.42	21.36	21.16	1	23
		75	0	21.27	21.30	21.07	1	23
	16QAM	1	0	21.66	21.49	21.39	1	23
		1	37	21.46	21.40	21.39	1	23
		1	74	21.51	21.47	21.26	1	23
		36	0	20.26	20.30	20.18	2	22
		36	19	20.37	20.40	20.21	2	22
		36	39	20.29	20.49	20.36	2	22
		75	0	20.28	20.28	20.16	2	22
	64QAM	1	0	20.37	20.39	20.30	2	22
		1	37	20.29	20.47	20.19	2	22
		1	74	20.35	20.32	20.13	2	22
		36	0	19.23	19.38	19.25	3	21
		36	19	19.28	19.36	19.04	3	21
		36	39	19.31	19.44	19.12	3	21
		75	0	19.32	19.35	19.18	3	21
	256QAM	1	0	17.24	17.37	17.15	5	19
		1	37	17.41	17.41	17.18	5	19
		1	74	17.42	17.35	17.31	5	19
		36	0	17.30	17.38	17.12	5	19
		36	19	17.33	17.51	17.18	5	19
		36	39	17.31	17.43	17.34	5	19
		75	0	17.32	17.25	17.18	5	19
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	22.34	22.33	22.27	0	24
		1	24	**22.39**	22.30	22.15	0	24
		1	49	22.17	22.24	22.08	0	24
		25	0	21.27	21.24	21.15	1	23
		25	12	21.34	21.45	21.23	1	23
		25	25	21.44	21.39	21.12	1	23
		50	0	21.32	21.35	21.09	1	23
	16QAM	1	0	21.66	21.53	21.45	1	23
		1	24	21.57	21.49	21.40	1	23
		1	49	21.52	21.46	21.25	1	23
		25	0	20.30	20.26	20.17	2	22
		25	12	20.26	20.42	20.14	2	22
		25	25	20.38	20.53	20.23	2	22
		50	0	20.22	20.33	20.14	2	22
	64QAM	1	0	20.47	20.39	20.27	2	22
		1	24	20.24	20.47	20.19	2	22
		1	49	20.33	20.32	20.22	2	22
		25	0	19.29	19.29	19.25	3	21
		25	12	19.36	19.44	19.08	3	21
		25	25	19.24	19.48	19.13	3	21
		50	0	19.23	19.32	19.30	3	21
	256QAM	1	0	17.35	17.30	17.20	5	19
		1	24	17.37	17.44	17.14	5	19
		1	49	17.38	17.32	17.18	5	19
		25	0	17.25	17.38	17.25	5	19
		25	12	17.32	17.39	17.15	5	19
		25	25	17.38	17.40	17.21	5	19
		50	0	17.28	17.29	17.16	5	19
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	22.26	**22.36**	22.31	0	24
		1	12	22.32	22.28	22.14	0	24
		1	24	22.15	22.26	22.12	0	24
		12	0	21.26	21.24	21.22	1	23
		12	6	21.33	21.36	21.12	1	23
		12	13	21.36	21.36	21.11	1	23
		25	0	21.35	21.30	21.14	1	23
	16QAM	1	0	21.57	21.52	21.41	1	23
		1	12	21.57	21.46	21.40	1	23
		1	24	21.52	21.46	21.33	1	23
		12	0	20.30	20.36	20.16	2	22
		12	6	20.27	20.40	20.20	2	22
		12	13	20.33	20.41	20.32	2	22
		25	0	20.28	20.34	20.04	2	22
	64QAM	1	0	20.39	20.38	20.31	2	22
		1	12	20.30	20.39	20.07	2	22
		1	24	20.35	20.34	20.27	2	22
		12	0	19.32	19.27	19.27	3	21
		12	6	19.34	19.37	19.13	3	21
		12	13	19.23	19.36	19.11	3	21
		25	0	19.28	19.32	19.30	3	21
	256QAM	1	0	17.32	17.33	17.15	5	19
		1	12	17.34	17.45	17.25	5	19
		1	24	17.51	17.45	17.27	5	19
		12	0	17.24	17.42	17.13	5	19
		12	6	17.31	17.47	17.26	5	19
		12	13	17.35	17.37	17.33	5	19
		25	0	17.34	17.29	17.17	5	19
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	22.36	**22.42**	22.26	0	24
		1	7	22.27	22.21	22.09	0	24
		1	14	22.22	22.34	22.09	0	24
		8	0	21.30	21.21	21.22	1	23
		8	3	21.30	21.38	21.15	1	23
		8	7	21.32	21.34	21.13	1	23
		15	0	21.32	21.31	21.12	1	23
	16QAM	1	0	21.55	21.62	21.44	1	23
		1	7	21.44	21.40	21.35	1	23
		1	14	21.42	21.51	21.24	1	23
		8	0	20.34	20.36	20.18	2	22
		8	3	20.37	20.40	20.21	2	22
		8	7	20.34	20.53	20.26	2	22
		15	0	20.31	20.32	20.09	2	22
	64QAM	1	0	20.39	20.42	20.22	2	22
		1	7	20.25	20.39	20.07	2	22
		1	14	20.34	20.29	20.26	2	22
		8	0	19.33	19.34	19.24	3	21
		8	3	19.34	19.41	19.14	3	21
		8	7	19.30	19.44	19.20	3	21
		15	0	19.31	19.28	19.28	3	21
	256QAM	1	0	17.27	17.35	17.08	5	19
		1	7	17.41	17.36	17.18	5	19
		1	14	17.37	17.32	17.27	5	19
		8	0	17.32	17.40	17.24	5	19
		8	3	17.36	17.43	17.14	5	19
		8	7	17.34	17.39	17.31	5	19
		15	0	17.29	17.35	17.23	5	19
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	22.38	**22.42**	22.33	0	24
		1	2	22.27	22.26	22.20	0	24
		1	5	22.20	22.26	22.11	0	24
		3	0	22.10	22.02	22.01	0	24
		3	1	22.09	22.24	22.02	0	24
		3	3	22.15	22.17	21.89	0	24
		6	0	21.30	21.29	21.14	1	23
	16QAM	1	0	21.58	21.58	21.33	1	23
		1	2	21.47	21.46	21.33	1	23
		1	5	21.48	21.45	21.21	1	23
		3	0	21.34	21.27	21.15	1	23
		3	1	21.28	21.31	21.14	1	23
		3	3	21.38	21.40	21.22	1	23
		6	0	20.28	20.37	20.09	2	22
	64QAM	1	0	20.37	20.33	20.26	2	22
		1	2	20.29	20.41	20.07	2	22
		1	5	20.30	20.25	20.16	2	22
		3	0	20.20	20.27	20.28	2	22
		3	1	20.38	20.44	20.14	2	22
		3	3	20.35	20.50	20.13	2	22
		6	0	19.30	19.36	19.28	3	21
	256QAM	1	0	17.34	17.24	17.10	5	19
		1	2	17.32	17.41	17.20	5	19
		1	5	17.46	17.45	17.30	5	19
		3	0	17.31	17.43	17.12	5	19
		3	1	17.25	17.41	17.22	5	19
		3	3	17.39	17.39	17.29	5	19
		6	0	17.22	17.35	17.19	5	19

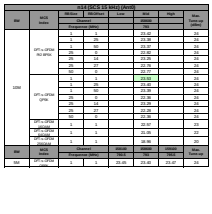


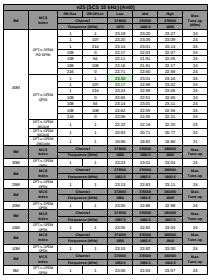


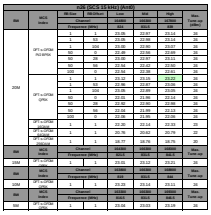


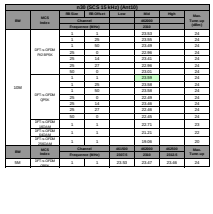


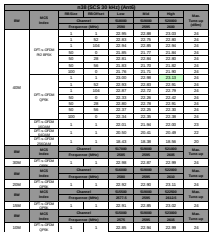


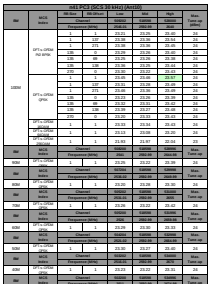


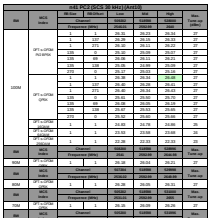


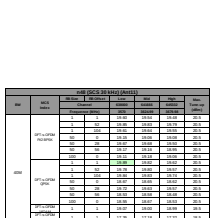


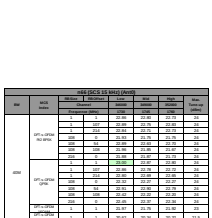


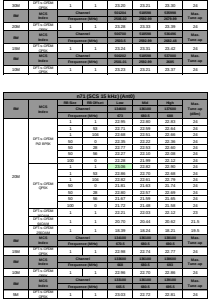


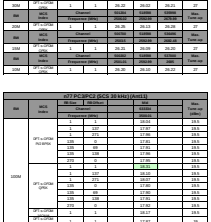


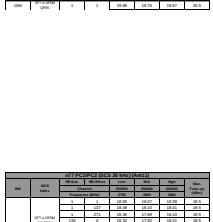


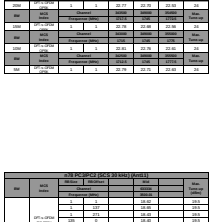


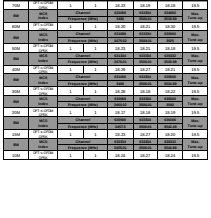


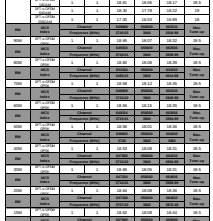


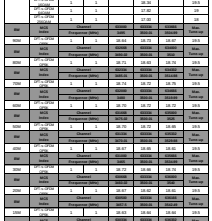












n2 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.31	23.17	23.46	24
		1	53	23.25	23.11	23.07	24
		1	104	23.10	23.32	23.58	24
		50	0	21.96	22.24	22.09	24
		50	28	23.26	23.16	23.53	24
		50	56	22.26	21.97	22.44	24
		100	0	22.42	22.29	22.07	24
	DFT-s-OFDM QPSK	1	1	23.62	23.39	23.19	24
		1	53	23.50	23.29	23.46	24
		1	104	23.25	23.23	23.21	24
		50	0	22.72	22.63	22.53	24
		50	28	23.19	23.15	23.14	24
		50	56	22.67	22.69	22.84	24
		100	0	22.74	22.84	22.77	24
	DFT-s-OFDM	1	1	22.36	21.96	22.52	23
	DFT-s-OFDM	1	1	20.83	20.73	20.76	22
	DFT-s-OFDM	1	1	18.58	18.65	18.67	21
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM	1	1	23.60	23.29	23.11	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM	1	1	23.51	23.24	23.15	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM	1	1	23.49	23.27	23.16	24

n7 (SCS 15 kHz) (Ant10)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		504000	507000	510000	
		Frequence (MHz)		2628	2535	2550	
40M	DFT-s-OFDM PI/2 BPSK	1	1	23.29	23.02	23.24	24
		1	108	23.13	23.13	23.16	24
		1	214	22.04	22.17	22.16	24
		108	0	22.43	22.53	22.46	24
		108	54	22.91	22.97	23.20	24
		108	108	22.37	22.35	22.56	24
		216	0	22.59	22.38	22.78	24
	DFT-s-OFDM QPSK	1	1	23.29	22.99	23.32	24
		1	108	22.93	22.95	23.11	24
		1	214	23.01	23.16	23.32	24
		108	0	21.93	21.96	22.27	24
		108	54	22.97	23.03	23.18	24
		108	108	22.05	22.28	22.16	24
		216	0	22.17	21.91	22.12	24
	DFT-s-OFDM	1	1	21.99	22.29	22.26	23
	DFT-s-OFDM	1	1	20.75	20.94	21.19	22
	DFT-s-OFDM	1	1	19.28	19.26	19.35	21
BW	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM	1	1	23.16	23.11	23.25	24
BW	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM	1	1	23.31	23.13	23.33	24
BW	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM	1	1	23.29	23.02	23.31	24
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM	1	1	23.25	22.98	23.32	24
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM	1	1	23.23	23.09	23.28	24
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM	1	1	23.21	23.12	23.24	24

n38 (SCS 30 kHz) (Ant6)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.72	22.85	24
		1	52	22.37	22.33	22.30	24
		1	104	22.69	22.63	22.57	24
		50	0	21.95	22.35	21.72	23
		50	28	22.84	22.49	22.54	23
		50	56	21.92	22.26	22.16	23
		100	0	22.13	22.22	21.77	23
	DFT-s-OFDM QPSK	1	1	22.87	22.97	23.06	24
		1	52	22.70	22.53	22.60	24
		1	104	22.83	22.80	22.93	24
		50	0	21.72	21.42	21.40	23
		50	28	22.53	22.94	22.75	23
		50	56	21.80	21.90	21.75	23
		100	0	21.72	21.67	21.43	23
	DFT-s-OFDM	1	1	21.71	21.98	21.93	23
	DFT-s-OFDM	1	1	20.29	20.13	19.96	22
	DFT-s-OFDM	1	1	18.38	18.54	18.45	20
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM	1	1	22.77	22.93	22.96	24
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM	1	1	22.74	22.94	22.99	24
BW	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM	1	1	22.84	22.83	23.03	24
BW	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM	1	1	22.86	22.92	22.92	24

n66 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequence (MHz)		1730	1745	1760	
40M	DFT-s-OFDM PI/2 BPSK	1	1	22.91	22.77	22.77	24
		1	107	22.75	22.56	22.59	24
		1	214	22.82	22.69	22.55	24
		108	0	22.40	22.28	22.34	24
		108	54	22.69	22.65	22.59	24
		108	108	22.27	22.13	22.19	24
		216	0	22.31	22.22	22.28	24
	DFT-s-OFDM QPSK	1	1	22.95	22.85	22.72	24
		1	107	22.87	22.73	22.77	24
		1	214	22.60	22.55	22.66	24
		108	0	21.68	21.69	21.79	24
		108	54	22.73	22.67	22.80	24
		108	108	21.81	21.67	21.69	24
		216	0	21.65	21.73	21.68	24
	DFT-s-OFDM	1	1	21.96	21.87	21.81	23
	DFT-s-OFDM	1	1	20.26	20.06	20.14	21.5
	DFT-s-OFDM	1	1	18.50	18.42	18.38	19.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequence (MHz)		1725	1745	1765	
30M	DFT-s-OFDM	1	1	22.89	22.73	22.64	24
BW	MCS Index	Channel		344500	349000	353500	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5	
25M	DFT-s-OFDM	1	1	22.82	22.75	22.60	24
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequence (MHz)		1720	1745	1770	
20M	DFT-s-OFDM	1	1	22.90	22.77	22.61	24
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM	1	1	22.93	22.84	22.58	24
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	DFT-s-OFDM	1	1	22.89	22.70	22.65	24
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM	1	1	22.83	22.78	22.57	24

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		18.04		19.5
		1	137		17.92		19.5
		1	271		17.92		19.5
		135	0		17.78		19.5
		135	69		17.89		19.5
		135	138		17.96		19.5
		270	0		17.90		19.5
	DFT-s-OFDM QPSK	1	1		18.27		19.5
		1	137		18.06		19.5
		1	271		18.04		19.5
		135	0		17.79		19.5
		135	69		17.87		19.5
		135	138		17.86		19.5
		270	0		17.91		19.5
	DFT-s-OFDM 16QAM	1	1		18.15		19.5
	DFT-s-OFDM 64QAM	1	1		17.86		19
	DFT-s-OFDM 256QAM	1	1		16.53		18
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	18.26	18.25	18.20	19.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	18.14	18.14	18.17	19.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	18.20	18.15	18.13	19.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	18.17	18.16	18.25	19.5
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	18.22	18.20	18.13	19.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	18.27	18.25	18.16	19.5
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	18.23	18.16	18.21	19.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	18.14	18.18	18.14	19.5
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	18.18	18.24	18.18	19.5
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	18.19	18.26	18.24	19.5

n77 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3830	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	18.51	18.06	18.39	19.5
		1	137	18.44	18.06	18.36	19.5
		1	271	18.32	17.89	18.06	19.5
		135	0	18.32	17.90	18.29	19.5
		135	69	18.40	17.87	18.07	19.5
		135	138	18.30	17.97	18.16	19.5
		270	0	18.22	17.89	18.24	19.5
	DFT-s-OFDM QPSK	1	1	18.65	18.16	18.42	19.5
		1	137	18.49	18.00	18.23	19.5
		1	271	18.34	17.87	18.17	19.5
		135	0	18.22	17.90	18.12	19.5
		135	69	18.29	18.00	18.24	19.5
		135	138	18.28	17.88	18.18	19.5
		270	0	18.34	17.85	18.20	19.5
	DFT-s-OFDM 16QAM	1	1	18.56	18.06	18.12	19.5
	DFT-s-OFDM 64QAM	1	1	18.25	17.74	18.19	19
	DFT-s-OFDM 256QAM	1	1	16.97	16.49	16.86	18
BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	18.65	18.05	18.29	19.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	18.55	18.04	18.39	19.5
BW	MCS Index	Channel		632334	656000	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	18.53	18.07	18.30	19.5
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	18.54	18.11	18.32	19.5
BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	18.53	17.96	18.35	19.5
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	18.49	18.03	18.28	19.5
BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	18.65	18.01	18.27	19.5
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	18.61	18.06	18.32	19.5
BW	MCS Index	Channel		647168	656000	664832	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48	
15M	DFT-s-OFDM QPSK	1	1	18.61	18.08	18.44	19.5
BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequence (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	18.50	18.08	18.44	19.5

n78 PC3/PC2 (SCS 30 kHz) (Ant5)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		18.61		19.5
		1	137		18.61		19.5
		1	271		18.42		19.5
		135	0		18.39		19.5
		135	69		18.53		19.5
		135	138		18.39		19.5
		270	0		18.54		19.5
	DFT-s-OFDM QPSK	1	1		18.76		19.5
		1	137		18.58		19.5
		1	271		18.55		19.5
		135	0		18.42		19.5
		135	69		18.43		19.5
		135	138		18.44		19.5
		270	0		18.52		19.5
	DFT-s-OFDM 16QAM	1	1		18.29		19.5
	DFT-s-OFDM 64QAM	1	1		17.81		19
	DFT-s-OFDM 256QAM	1	1		16.99		18
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	18.64	18.70	18.64	19.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	18.70	18.63	18.70	19.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	18.73	18.68	18.71	19.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	18.65	18.69	18.72	19.5
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	18.66	18.70	18.64	19.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	18.64	18.60	18.59	19.5
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	18.68	18.62	18.70	19.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	18.67	18.58	18.56	19.5
BW	MCS Index	Channel		630500	633334	636166	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	1	1	18.60	18.59	18.62	19.5
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	18.60	18.68	18.74	19.5

Appendix E. Photographs of EUT and Setup