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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3962

Calibration Parameter Determined in Head Tissue Simulating Media

f [MHz][C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha[G]	Depth[G] (mm)	Unct. (k=2)
750	41.9	0.89	10.16	10.16	10.16	0.40	0.80	±12.1%
835	41.5	0.90	9.85	9.85	9.85	0.13	1.47	±12.1%
1750	40.1	1.37	8.50	8.50	8.50	0.20	1.08	±12.1%
1900	40.0	1.40	8.21	8.21	8.21	0.28	1.02	±12.1%
2300	39.5	1.67	7.95	7.95	7.95	0.48	0.73	±12.1%
2450	39.2	1.80	7.60	7.60	7.60	0.47	0.77	±12.1%
2600	39.0	1.96	7.42	7.42	7.42	0.63	0.68	±12.1%
3300	38.2	2.71	7.48	7.48	7.48	0.65	0.69	±13.3%
3500	37.9	2.91	7.07	7.07	7.07	0.49	0.83	±13.3%
3700	37.7	3.12	6.67	6.67	6.67	0.54	0.81	±13.3%
3900	37.5	3.32	6.56	6.56	6.56	0.35	1.21	±13.3%
4100	37.2	3.53	6.46	6.46	6.46	0.40	1.20	±13.3%
4400	36.9	3.84	6.33	6.33	6.33	0.35	1.35	±13.3%
4600	36.7	4.04	6.15	6.15	6.15	0.40	1.40	±13.3%
4800	36.4	4.25	5.98	5.98	5.98	0.45	1.35	±13.3%
4950	36.3	4.40	5.82	5.82	5.82	0.40	1.35	±13.3%
5250	35.9	4.71	5.56	5.56	5.56	0.45	1.20	±13.3%
5600	35.5	5.07	4.82	4.82	4.82	0.45	1.50	±13.3%
5750	35.4	5.22	4.88	4.88	4.88	0.50	1.40	±13.3%

[C] Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequency below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ±5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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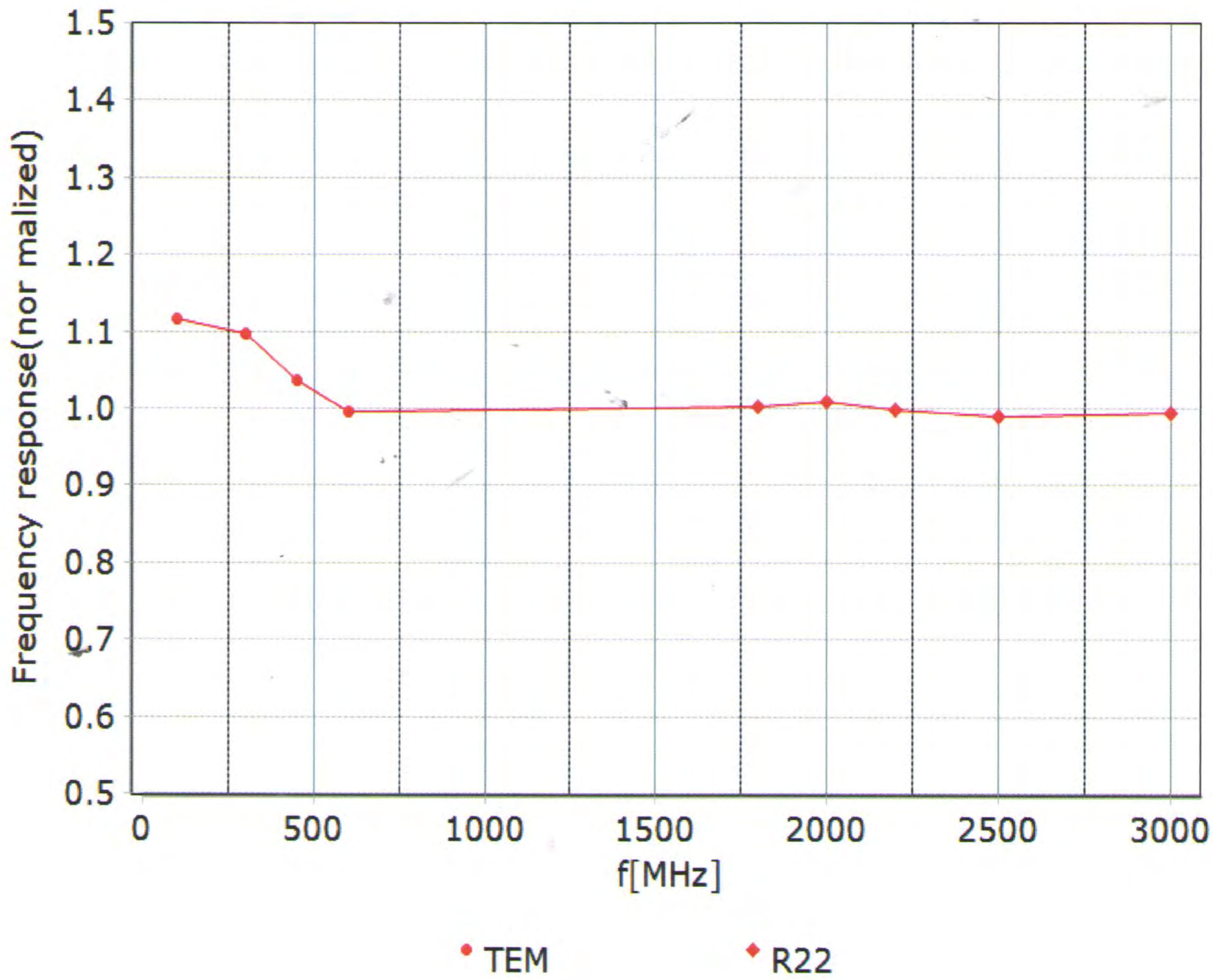
Frequency Response of E-Field
(TEM-Cell: ifi110 EXX, Waveguide: R22)



Uncertainty of Frequency Response of E-field: ±7.4% (k=2)

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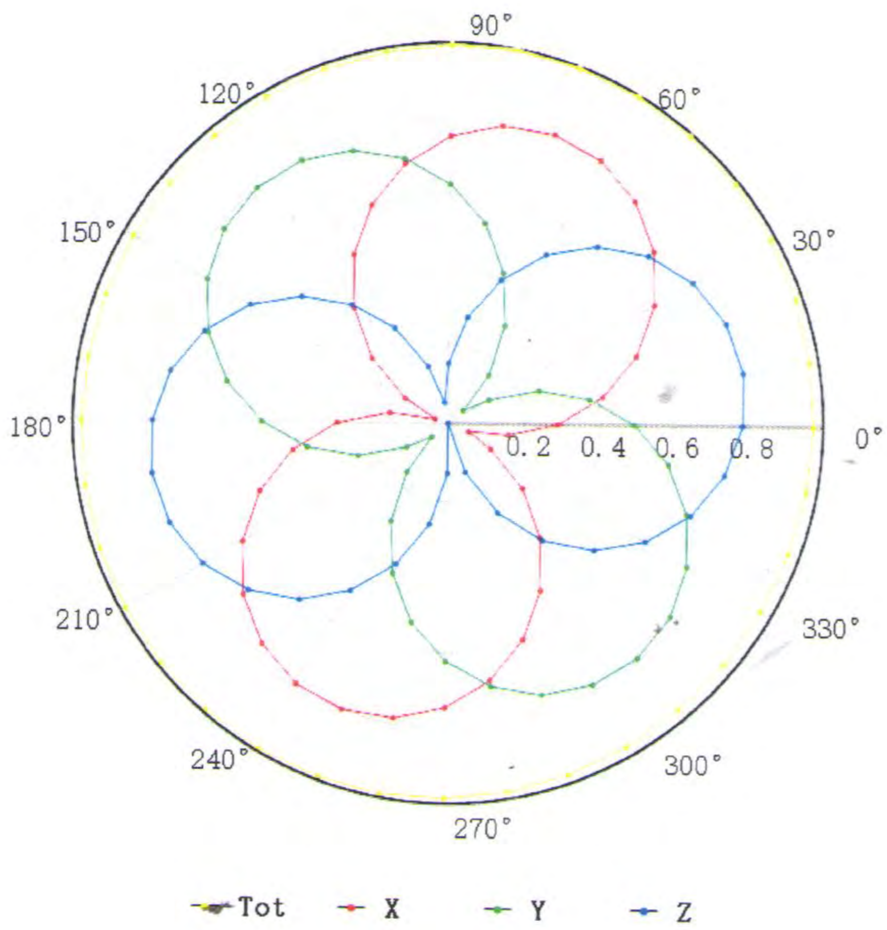
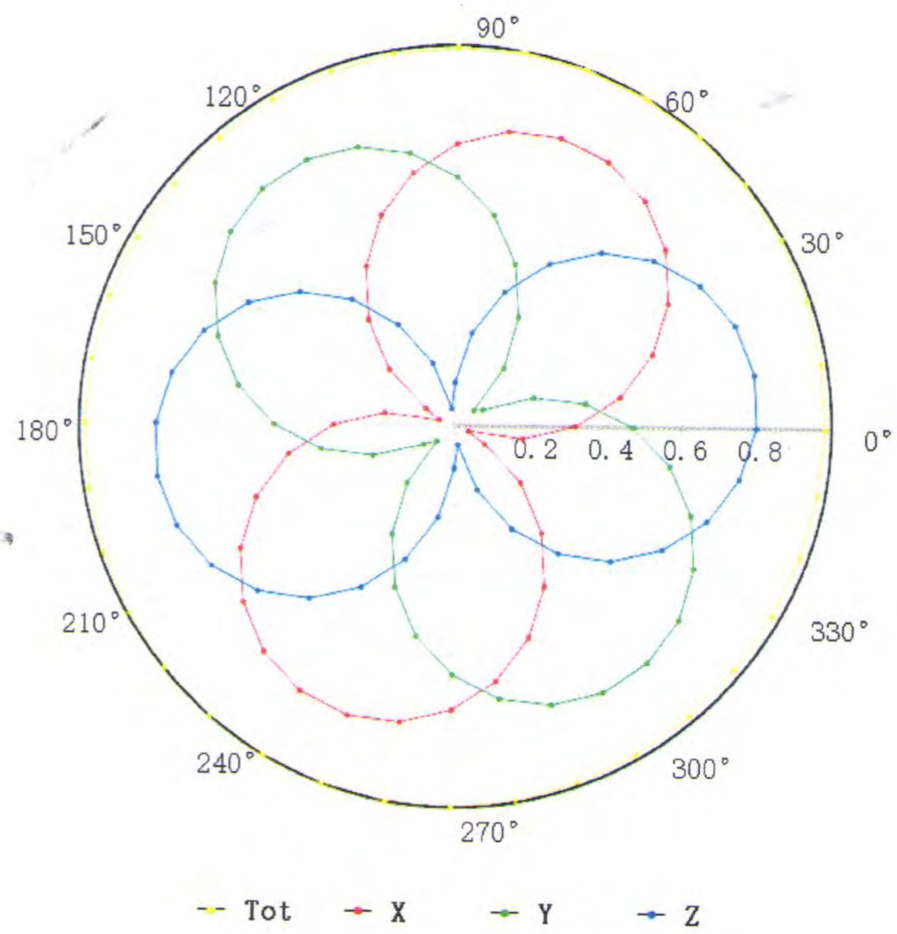
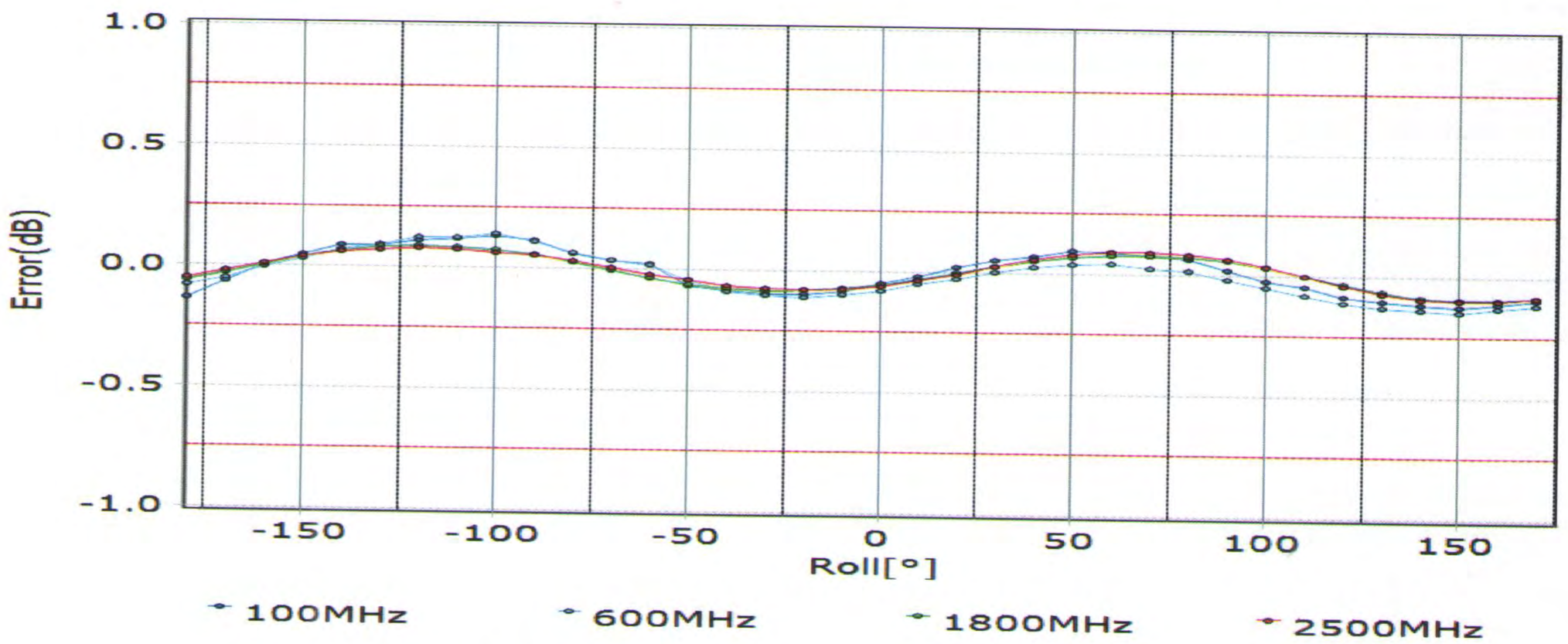
Receiving Pattern (Φ), θ=0°

f=600 MHz, TEM



f=1800 MHz, R22





Uncertainty of Axial Isotropy Assessment: ±1.2% (k=2)

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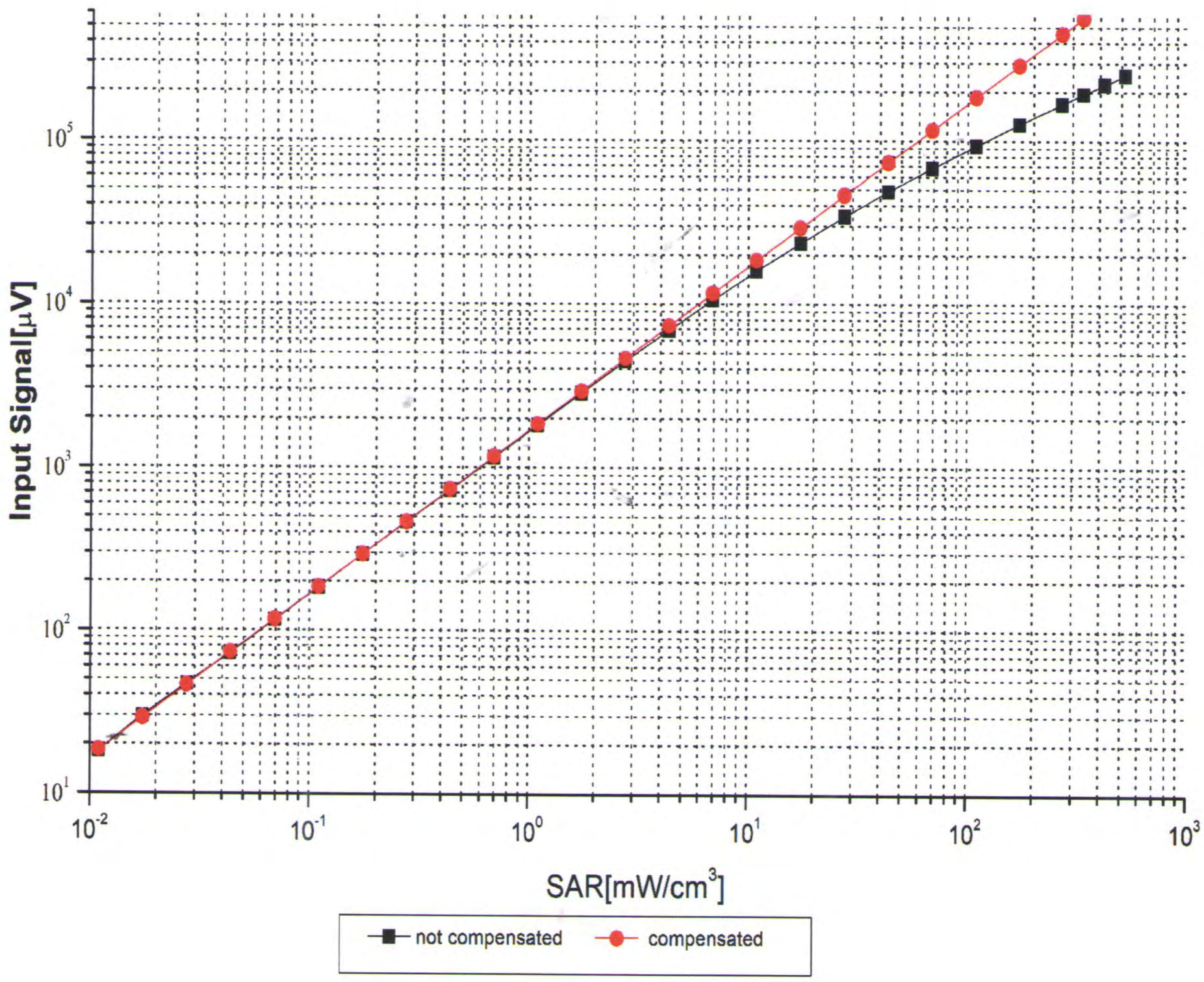
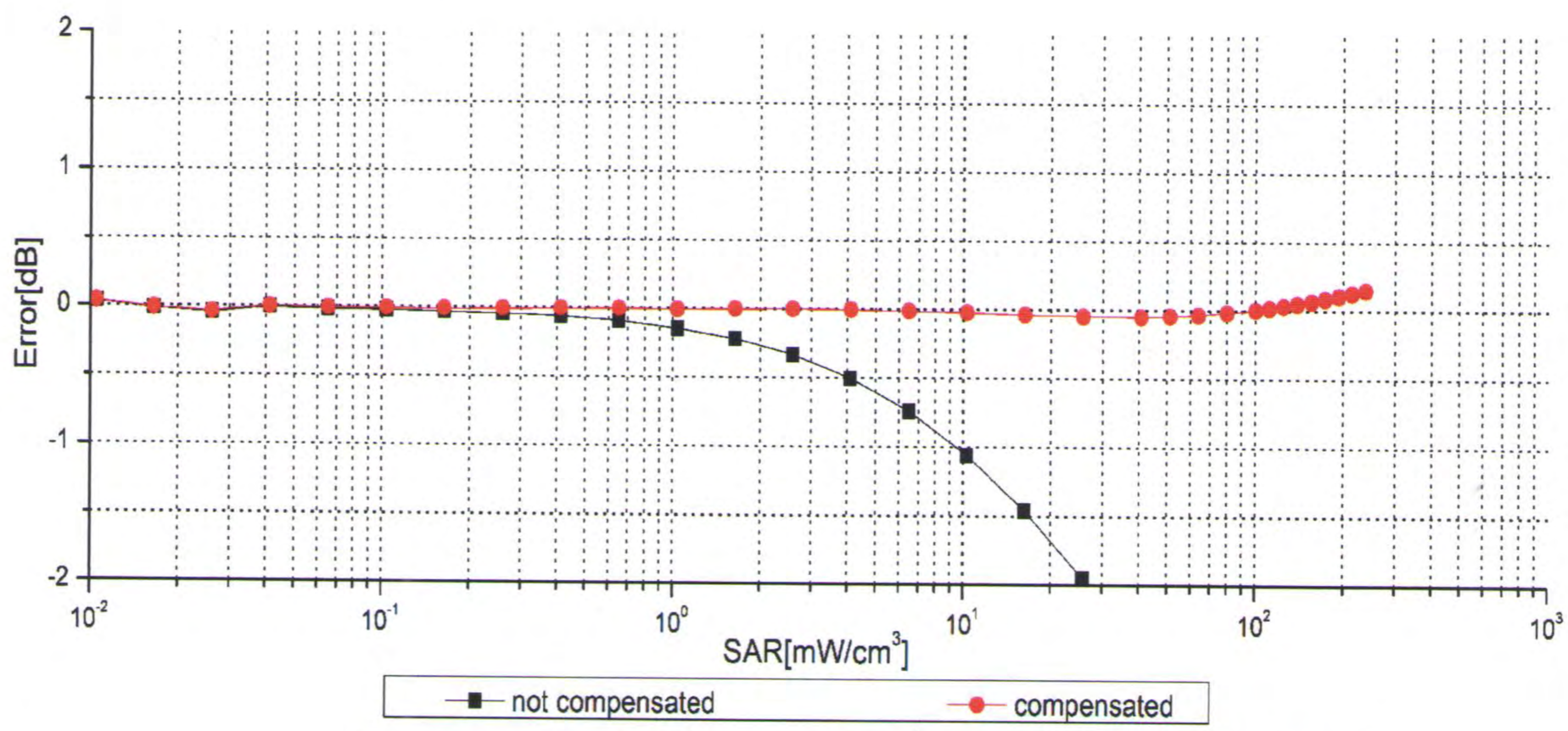
Dynamic Range f(SAR$_{head}$)
(TEM cell, f = 900 MHz)





Uncertainty of Linearity Assessment: ±0.9% (k=2)

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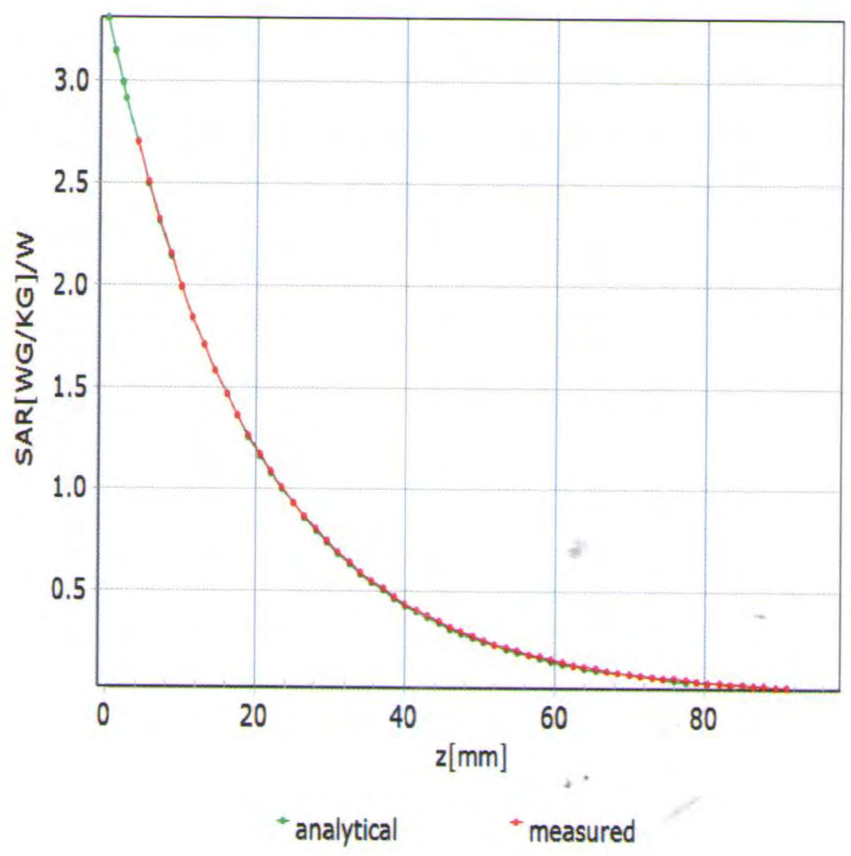
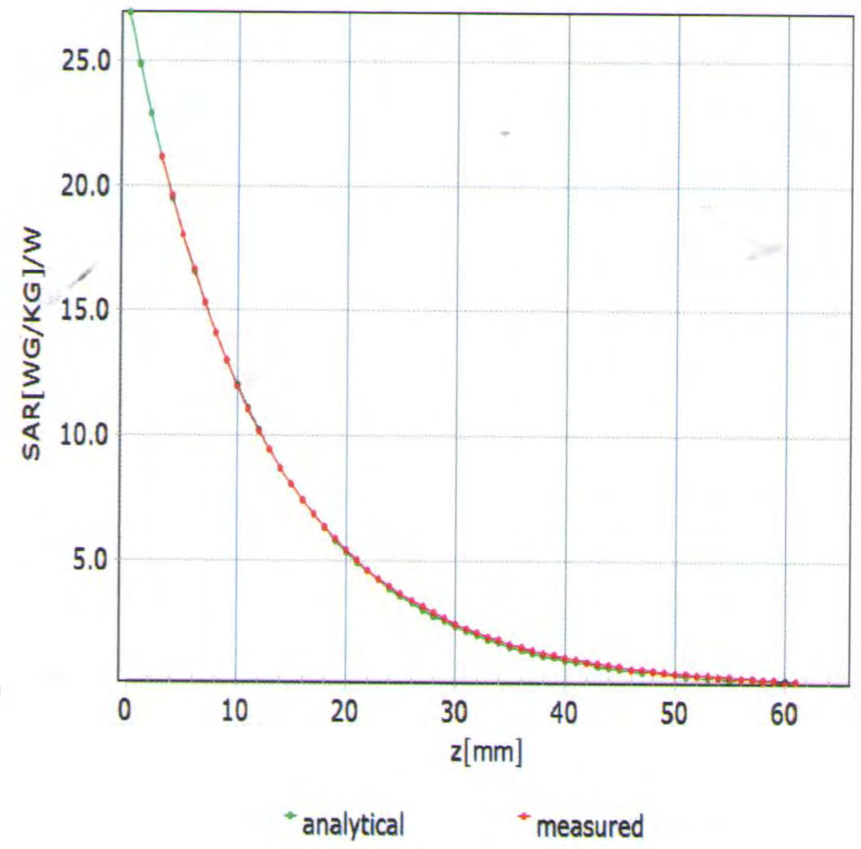
Conversion Factor Assessment

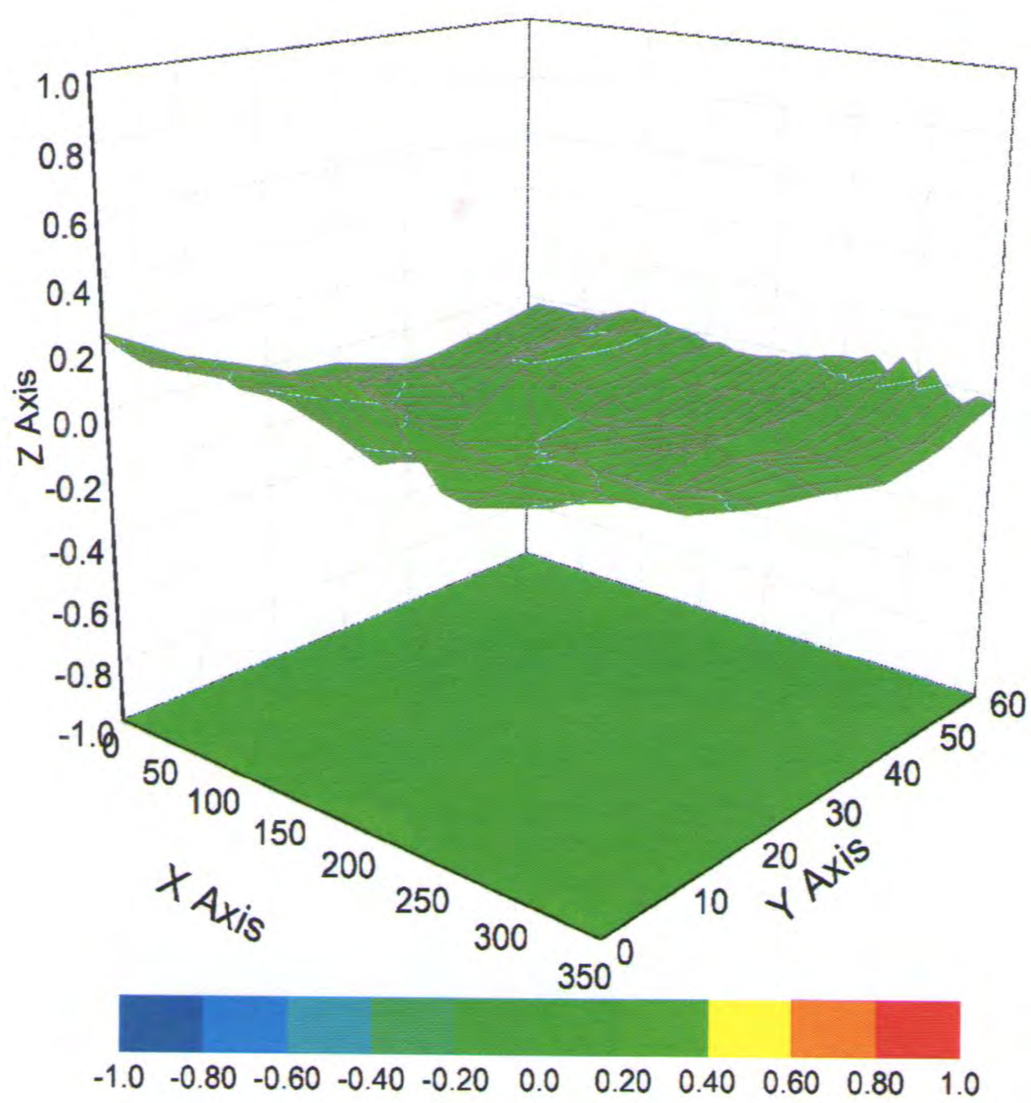
f=835 MHz,WGLS R9(H_convF)



f=1750 MHz,WGLS R22(H_convF)



Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: ±3.2% (K=2)

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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3962

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	151.2
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	10mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm

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CNAS L0570

Client SGS **Certificate No: Z20-60146**

CALIBRATION CERTIFICAT

Object	EX3DV4 - SN : 3793
Calibration Procedure(s)	FF-Z11-004-01 Calibration Procedures for Dosimetric E-field Probes
Calibration date:	May 09, 2020

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	101919	18-Jun-19(CTTL, No.J19X05125)	Jun-20
Power sensor NRP-Z91	101547	18-Jun-19(CTTL, No.J19X05125)	Jun-20
Power sensor NRP-Z91	101548	18-Jun-19(CTTL, No.J19X05125)	Jun-20
Reference 10dBAttenuator	18N50W-10dB	10-Feb-20(CTTL, No.J20X00525)	Feb-22
Reference 20dBAttenuator	18N50W-20dB	10-Feb-20(CTTL, No.J20X00526)	Feb-22
Reference Probe EX3DV4	SN 3617	30-Jan-20(SPEAG, No.EX3-3617_Jan20/2)	Jan-21
DAE4	SN 1556	4-Feb-20(SPEAG, No.DAE4-1556_Feb20)	Feb-21
Secondary Standards	**ID #**	**Cal Date(Calibrated by, Certificate No.)**	**Scheduled Calibration**
SignalGenerator MG3700A	6201052605	18-Jun-19(CTTL, No.J19X05127)	Jun-20
Network Analyzer E5071C	MY46110673	10-Feb-20(CTTL, No.J20X00515)	Feb-21

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

Issued: May 11, 2020

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

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Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A,B,C,D	modulation dependent linearization parameters
Polarization Φ	Φ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i θ=0 is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

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 the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

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

d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- *NORMx,y,z:* Assessed for E-field polarization θ=0 (f≤900MHz in TEM-cell; f>1800MHz: waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not effect the E^2-field uncertainty inside TSL (see below ConvF).
- *NORM(f)x,y,z = NORMx,y,z* frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- *DCPx,y,z:* DCP are numerical linearization parameters assessed based on the data of power sweep (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics.
- *Ax,y,z; Bx,y,z; Cx,y,z;VRx,y,z*:A,B,C are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- *ConvF and Boundary Effect Parameters:* Assessed in flat phantom using E-field (or Temperature Transfer Standard for f≤800MHz) and inside waveguide using analytical field distributions based on power measurements for f >800MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty valued are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from±50MHz to±100MHz.
- *Spherical isotropy (3D deviation from isotropy):* in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset:* The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle:* The angle is assessed using the information gained by determining the *NORMx* (no uncertainty required).

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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3793

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (*k*=2)
Norm(μV/(V/m)^2)[A]	0.49	0.47	0.47	±10.0%
DCP(mV)[B]	101.8	104.6	103.9	

Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	C	D dB	VR mV	Unc[E] (*k*=2)
0	CW	X	0.0	0.0	1.0	0.00	161.2	±2.0%
		Y	0.0	0.0	1.0		154.8	
		Z	0.0	0.0	1.0		161.8	

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%.

[A] The uncertainties of Norm X, Y, Z do not affect the E^2-field uncertainty inside TSL (see Page 4).
[B] Numerical linearization parameter: uncertainty not required.
[E] Uncertainly is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3793

Calibration Parameter Determined in Head Tissue Simulating Media

f [MHz][C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha[G]	Depth[G] (mm)	Unct. (*k*=2)
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835	41.5	0.90	9.05	9.05	9.05	0.14	1.28	±12.1%
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1900	40.0	1.40	7.61	7.61	7.61	0.26	1.01	±12.1%
2300	39.5	1.67	7.30	7.30	7.30	0.60	0.69	±12.1%
2450	39.2	1.80	7.06	7.06	7.06	0.40	0.91	±12.1%
2600	39.0	1.96	6.88	6.88	6.88	0.50	0.80	±12.1%
3300	38.2	2.71	6.54	6.54	6.54	0.44	0.93	±13.3%
3500	37.9	2.91	6.51	6.51	6.51	0.44	0.94	±13.3%
3700	37.7	3.12	6.30	6.30	6.30	0.46	0.95	±13.3%

[C] Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequency below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ±5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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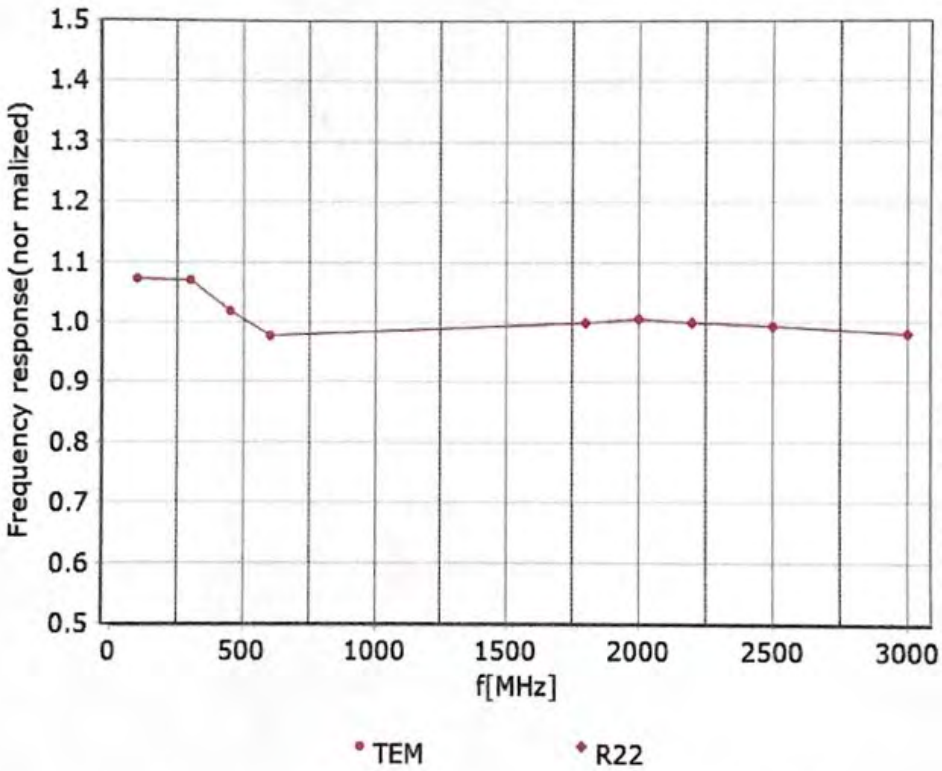
Frequency Response of E-Field
(TEM-Cell: ifi110 EXX, Waveguide: R22)



Uncertainty of Frequency Response of E-field: ±7.4% (*k*=2)

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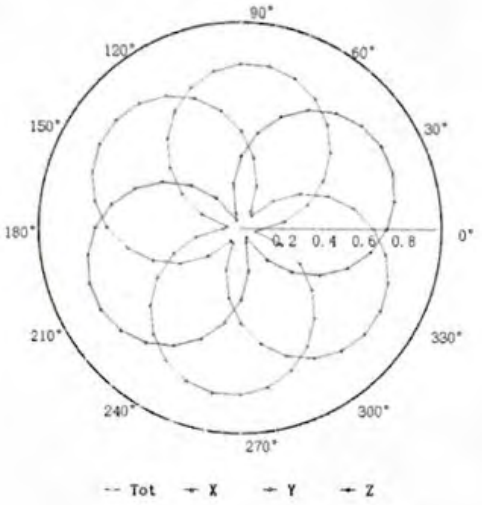
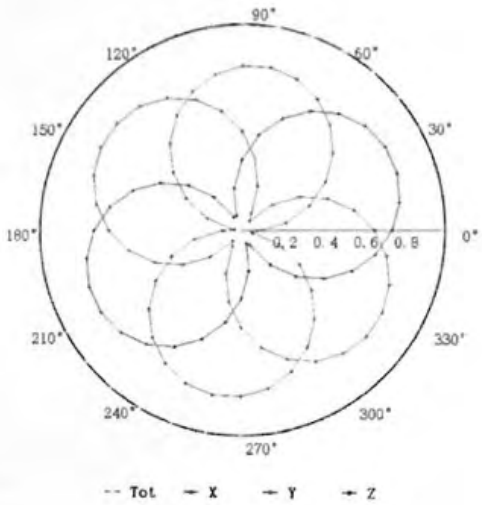
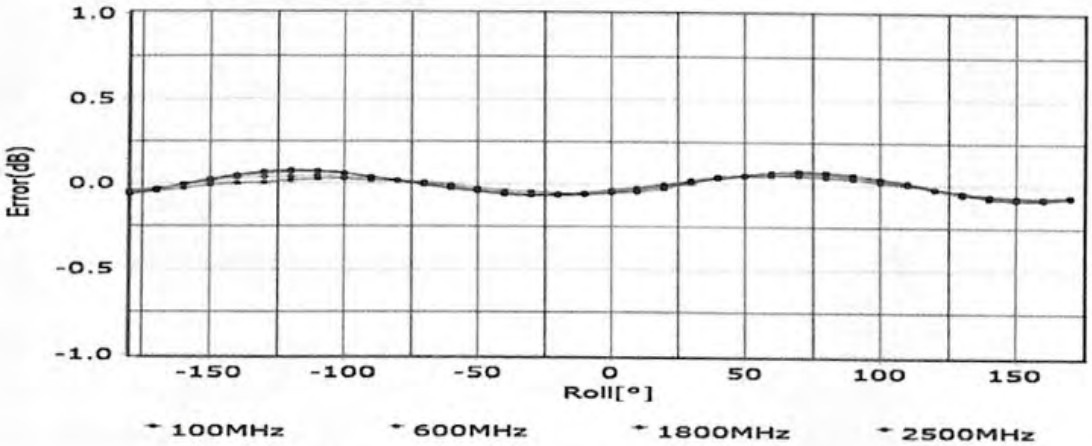
Receiving Pattern (Φ), θ=0°

f=600 MHz, TEM



f=1800 MHz, R22





Uncertainty of Axial Isotropy Assessment: ±1.2% (*k*=2)

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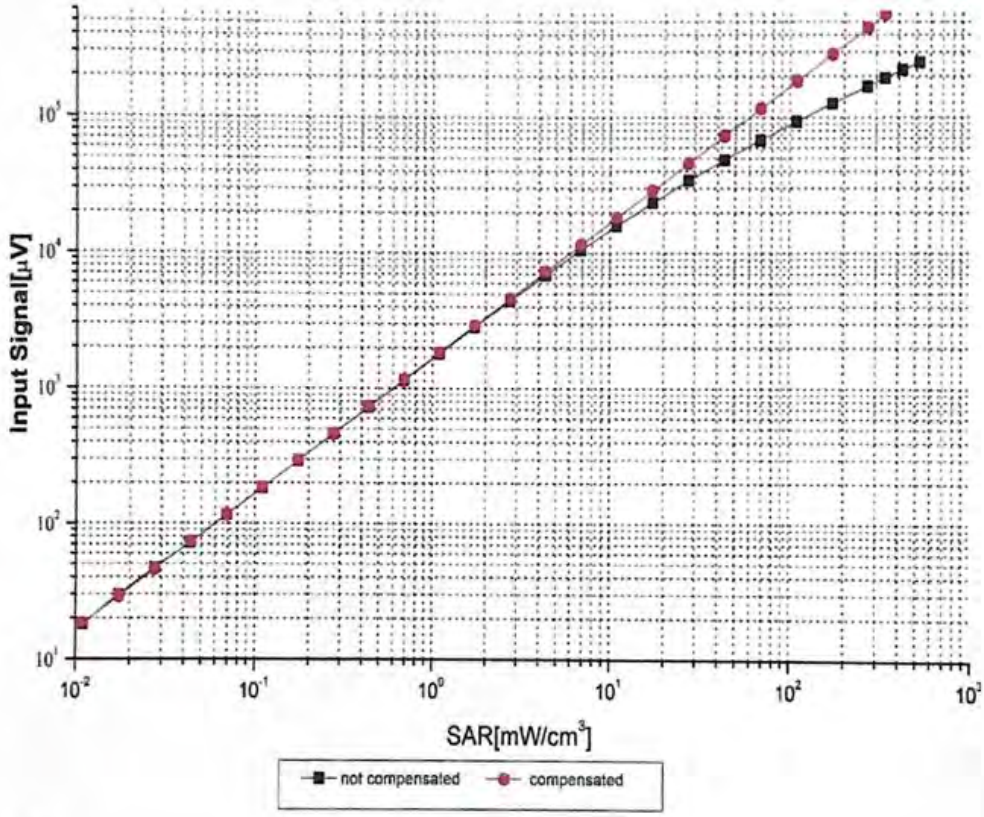
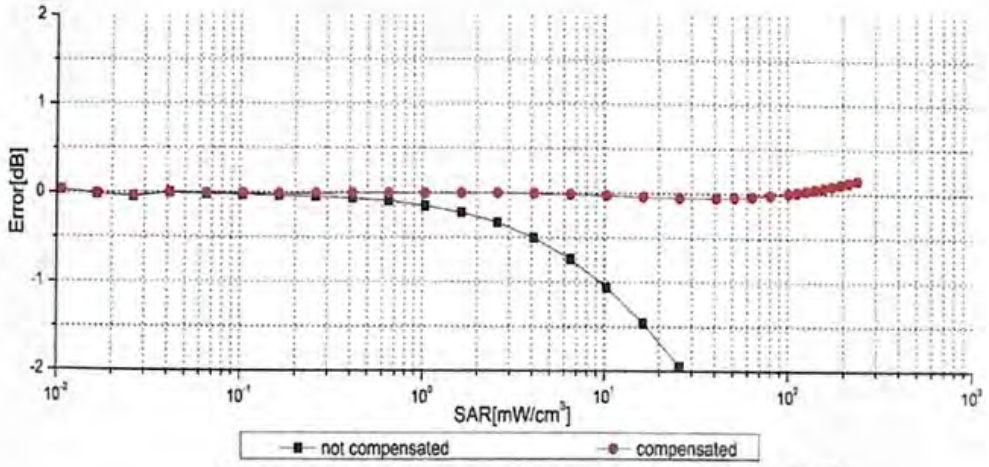
Dynamic Range f(SAR_{head})
(TEM cell, f = 900 MHz)





Uncertainty of Linearity Assessment: ±0.9% (*k*=2)

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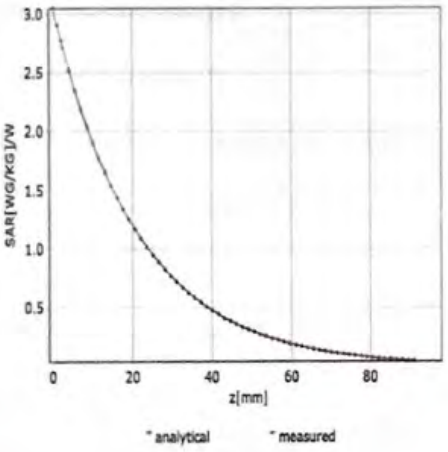
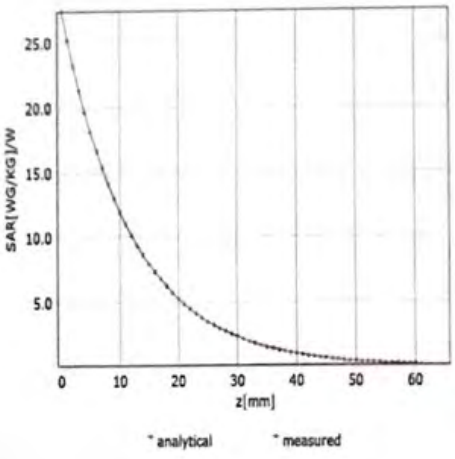
Conversion Factor Assessment

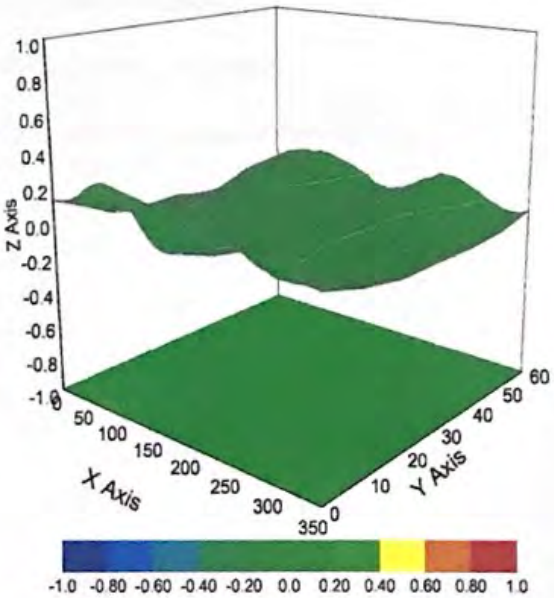
f=750 MHz,WGLS R9(H_convF)



f=1750 MHz,WGLS R22(H_convF)



Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: ±3.2% (*k*=2)

In Collaboration with
s p e a g
CALIBRATION LABORATORY
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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3793

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	115.7
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	10mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm

Dipole D750V3 SN 1160				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019-05-22	-29.1	/	51.8	/
2020-05-21	-29.4	1.03%	52.2	0.4Ω

Dipole D1750V2 SN 1149				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019-05-21	-31.8	/	47.6	/
2020-05-20	-32.3	1.57%	48.9	1.3Ω

Dipole D2600V2 SN 1125				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019-05-20	-25.7	/	48.9	/
2020-05-19	-26.6	3.50%	50.8	1.9Ω

Dipole D3700V2 SN 1046				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019-09-06	-28.2	/	43.3	/
2020-09-05	-29.1	3.19%	44.7	1.4Ω

Dipole D3900V2 SN 1026					
Head Liquid					
Frequency(MHz)	Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
3900	2019-09-03	-23.4	/	46.7	/
	2020-09-02	-24.2	3.42%	47.8	1.1Ω
4100	2019-09-03	-21.7	/	59.0	/
	2020-09-02	-22.2	2.30%	59.6	0.6Ω

Appendix E

Conducted RF Output Power Table

1	Measurement of RF conducted Power
1.1	Conducted Power of Main Antenna (Ant1)
1.2	Conducted Power of Main Antenna (Ant4)
1.3	Conducted Power of Main Antenna (Ant5)
2	Conducted Power of NR Antenna
2.1	Conducted Power of NR Antenna (Ant1)
2.2	Conducted Power of NR Antenna (Ant4)
3	Conducted Power of Uplink CA and Downlink CA
3.1	Uplink LTE CA Conducted Power of Ant1
3.2	Uplink LTE CA Conducted Power of Ant5
3.3	Downlink LTE CA Conducted Power of LTA
3.4	Downlink LTE CA Conducted Power of UTA
4	Conducted Power of WiFi and BT
4.1	Conducted Power of WiFi
4.2	Conducted Power of BT

1 Measurement of RF conducted Power

1.1 Conducted Power of Main Antenna (Ant0)

1.1.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.95	**33.01**	33.04	34.00	-9.19	23.76	23.82	23.85	24.81
GPRS/EGPRS (GMSK)	1 TX Slot	32.96	33.05	33.02	34.00	-9.19	23.77	23.86	23.83	24.81
	2 TX Slots	29.84	29.88	29.86	31.00	-6.18	23.66	23.70	23.68	24.82
	3 TX Slots	27.79	27.84	27.74	29.00	-4.42	23.37	23.42	23.32	24.58
	4 TX Slots	26.81	**26.82**	26.85	28.00	-3.17	23.64	23.65	23.68	24.83
EGPRS(8PSK)	1 TX Slot	26.64	26.78	26.81	28.50	-9.19	17.45	17.59	17.62	19.31
	2 TX Slots	23.79	23.83	23.81	25.50	-6.18	17.61	17.65	17.63	19.32
	3 TX Slots	21.75	21.71	21.69	23.50	-4.42	17.33	17.29	17.27	19.08
	4 TX Slots	20.51	20.55	20.53	22.50	-3.17	17.34	17.38	17.36	19.33

GSM 1900 Hotspot off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	29.86	**29.92**	29.81	31.00	-9.19	20.67	20.73	20.62	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.89	29.94	29.88	31.00	-9.19	20.7	20.75	20.69	21.81
	2 TX Slots	26.79	26.89	26.83	28.00	-6.18	20.61	20.71	20.65	21.82
	3 TX Slots	24.81	24.88	24.82	26.00	-4.42	20.39	20.46	20.4	21.58
	4 TX Slots	23.67	23.76	23.68	25.00	-3.17	20.5	20.59	20.51	21.83
EGPRS(8PSK)	1 TX Slot	25.64	25.75	25.66	27.50	-9.19	16.45	16.56	16.47	18.31
	2 TX Slots	22.55	22.66	22.57	24.50	-6.18	16.37	16.48	16.39	18.32
	3 TX Slots	20.52	20.51	20.52	22.50	-4.42	16.1	16.09	16.1	18.08
	4 TX Slots	19.51	19.50	19.55	21.50	-3.17	16.34	16.33	16.38	18.33

GSM 1900 Hotspot on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	28.44	28.54	28.47	29.50	-9.19	19.25	19.35	19.28	20.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.40	**28.51**	28.45	29.50	-9.19	19.21	19.32	19.26	20.31
	2 TX Slots	24.00	24.02	24.11	25.50	-6.18	17.82	17.84	17.93	19.32
	3 TX Slots	22.27	22.25	22.34	23.50	-4.42	17.85	17.83	17.92	19.08
	4 TX Slots	21.02	20.93	20.90	22.50	-3.17	17.85	17.76	17.73	19.33
EGPRS(8PSK)	1 TX Slot	24.11	24.21	24.12	25.00	-9.19	14.92	15.02	14.93	15.81
	2 TX Slots	20.11	20.07	20.09	22.00	-6.18	13.93	13.89	13.91	15.82
	3 TX Slots	18.22	18.07	18.21	20.00	-4.42	13.8	13.65	13.79	15.58
	4 TX Slots	17.25	17.12	17.21	19.00	-3.17	14.08	13.95	14.04	15.83

Table 1： Conducted Power of GSM

1.1.2 Conducted Power of WCDMA

WCDMA Band II Receiver on/Sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.66	**23.68**	23.57	25.00
	12.2kbps AMR	23.60	23.61	23.50	25.00
HSDPA	Subtest 1	22.50	22.60	22.54	24.00
	Subtest 2	22.49	22.45	22.51	24.00
	Subtest 3	22.01	22.08	22.04	23.50
	Subtest 4	21.94	22.03	22.00	23.50
HSUPA	Subtest 1	22.51	22.58	22.55	24.00
	Subtest 2	20.52	20.54	20.48	22.00
	Subtest 3	21.49	21.60	21.49	23.00
	Subtest 4	20.47	20.55	20.53	22.00
	Subtest 5	22.45	22.58	22.51	24.00
DC-HSDPA	Subtest 1	22.47	22.57	22.56	24.00
	Subtest 2	22.43	22.41	22.51	24.00
	Subtest 3	21.98	22.05	22.04	23.50
	Subtest 4	21.99	22.03	21.95	23.50
HSPA+	16QAM	21.01	21.01	21.02	22.50

WCDMA Band II Receiver off/Hotspot off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.87	**21.97**	21.99	23.00
	12.2kbps AMR	21.86	21.87	21.85	23.00
HSDPA	Subtest 1	20.44	20.49	20.48	22.00
	Subtest 2	20.43	20.39	20.40	22.00
	Subtest 3	19.96	20.01	19.95	21.50
	Subtest 4	19.87	19.92	19.90	21.50
HSUPA	Subtest 1	20.42	20.53	20.48	22.00
	Subtest 2	18.47	18.44	18.38	20.00
	Subtest 3	19.38	19.54	19.41	21.00
	Subtest 4	18.41	18.50	18.47	20.00
	Subtest 5	20.37	20.53	20.44	22.00
DC-HSDPA	Subtest 1	20.42	20.49	20.46	22.00
	Subtest 2	20.40	20.30	20.45	22.00
	Subtest 3	19.89	19.96	19.93	21.50
	Subtest 4	19.88	19.93	19.89	21.50
HSPA+	16QAM	18.91	18.92	18.93	20.50

WCDMA Band II Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	**19.31**	**19.34**	**19.30**	20.50
	12.2kbps AMR	19.34	19.28	19.21	20.50
HSDPA	Subtest 1	18.09	18.15	18.13	19.50
	Subtest 2	18.07	18.06	18.11	19.50
	Subtest 3	17.56	17.68	17.65	19.00
	Subtest 4	17.52	17.64	17.55	19.00
HSUPA	Subtest 1	18.09	18.17	18.16	19.50
	Subtest 2	16.12	16.10	16.03	17.50
	Subtest 3	17.09	17.17	17.09	18.50
	Subtest 4	16.05	16.15	16.08	17.50
	Subtest 5	18.04	18.14	18.11	19.50
DC-HSDPA	Subtest 1	18.03	18.12	18.16	19.50
	Subtest 2	18.00	17.97	18.11	19.50
	Subtest 3	17.56	17.60	17.62	19.00
	Subtest 4	17.55	17.64	17.52	19.00
HSPA+	16QAM	16.60	16.60	16.61	18.00

WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.79	**17.89**	17.80	19.00
	12.2kbps AMR	17.92	17.76	17.68	19.00
HSDPA	Subtest 1	16.54	16.66	16.66	18.00
	Subtest 2	16.57	16.65	16.62	18.00
	Subtest 3	16.15	16.27	16.23	17.50
	Subtest 4	16.02	16.24	16.08	17.50
HSUPA	Subtest 1	16.54	16.73	16.68	18.00
	Subtest 2	14.61	14.66	14.57	16.00
	Subtest 3	15.62	15.64	15.68	17.00
	Subtest 4	14.51	14.62	14.57	16.00
	Subtest 5	16.57	16.71	16.63	18.00
DC-HSDPA	Subtest 1	16.53	16.72	16.63	18.00
	Subtest 2	16.60	16.42	16.66	18.00
	Subtest 3	16.10	16.05	16.14	17.50
	Subtest 4	16.07	16.24	16.05	17.50
HSPA+	16QAM	15.07	15.16	15.14	16.50

WCDMA Band IV Hotspot off/Sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.97	**24.01**	23.94	25.00
	12.2kbps AMR	23.87	23.96	23.88	25.00
HSDPA	Subtest 1	22.81	22.82	22.81	24.00
	Subtest 2	22.69	22.77	22.78	24.00
	Subtest 3	22.23	22.26	22.30	23.50
	Subtest 4	22.24	22.27	22.27	23.50
HSUPA	Subtest 1	22.77	22.82	22.81	24.00
	Subtest 2	20.76	20.79	20.81	22.00
	Subtest 3	21.79	21.86	21.84	23.00
	Subtest 4	20.78	20.77	20.75	22.00
	Subtest 5	22.79	22.86	22.85	24.00
DC-HSDPA	Subtest 1	22.82	22.83	22.82	24.00
	Subtest 2	22.65	22.78	22.73	24.00
	Subtest 3	22.20	22.22	22.31	23.50
	Subtest 4	22.21	22.24	22.24	23.50
HSPA+	16QAM	21.33	21.28	21.21	22.50

WCDMA Band IV Hotspot on/Sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	**18.81**	**18.77**	**18.83**	19.50
	12.2kbps AMR	18.74	18.63	18.65	19.50
HSDPA	Subtest 1	17.40	17.38	17.39	18.50
	Subtest 2	17.30	17.36	17.34	18.50
	Subtest 3	16.79	16.81	16.90	18.00
	Subtest 4	16.79	16.83	16.88	18.00
HSUPA	Subtest 1	17.33	17.38	17.37	18.50
	Subtest 2	15.34	15.37	15.36	16.50
	Subtest 3	16.37	16.45	16.43	17.50
	Subtest 4	15.37	15.33	15.35	16.50
	Subtest 5	17.40	17.43	17.46	18.50
DC-HSDPA	Subtest 1	17.38	17.42	17.41	18.50
	Subtest 2	17.24	17.37	17.32	18.50
	Subtest 3	16.76	16.81	16.88	18.00
	Subtest 4	16.78	16.81	16.80	18.00
HSPA+	16QAM	15.88	15.87	15.82	17.00

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.58	**23.62**	23.60	25.00
	12.2kbps AMR	23.53	23.53	23.49	25.00
HSDPA	Subtest 1	22.92	22.92	22.96	24.00
	Subtest 2	22.90	22.89	22.91	24.00
	Subtest 3	22.46	22.50	22.44	23.50
	Subtest 4	22.43	22.40	22.43	23.50
HSUPA	Subtest 1	22.97	23.01	22.96	24.00
	Subtest 2	20.90	20.99	20.90	22.00
	Subtest 3	21.92	22.00	21.97	23.00
	Subtest 4	20.96	20.93	20.99	22.00
	Subtest 5	22.95	23.02	22.90	24.00
DC-HSDPA	Subtest 1	22.91	22.96	22.92	24.00
	Subtest 2	22.87	22.87	22.90	24.00
	Subtest 3	22.50	22.41	22.43	23.50
	Subtest 4	22.39	22.36	22.36	23.50
HSPA+	16QAM	21.54	21.51	21.49	22.50

Table 2： Conducted Power of WCDMA

1.1.3 Conducted Power of LTE

LTE Band 2 Hotspot off/Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.75	23.56	23.52	25.00
		1	2	23.53	23.54	23.52	25.00
		1	5	23.53	23.56	23.54	25.00
		3	0	23.67	23.68	23.73	25.00
		3	2	23.76	23.67	23.75	25.00
		3	3	23.68	23.65	23.78	25.00
		6	0	23.18	23.23	23.22	24.00
	16QAM	1	0	23.12	23.12	23.17	24.00
		1	2	23.29	23.20	23.17	24.00
		1	5	23.11	23.12	23.19	24.00
		3	0	23.06	23.07	23.14	24.00
		3	2	23.05	23.05	23.07	24.00
		3	3	23.08	23.02	23.07	24.00
		6	0	22.21	22.21	22.28	23.00
	64QAM	1	0	22.39	22.37	22.27	23.00
		1	2	22.38	22.13	22.39	23.00
		1	5	22.36	21.99	22.42	23.00
		3	0	22.45	22.35	22.35	23.00
		3	2	22.13	22.10	22.02	23.00
		3	3	22.06	22.28	22.15	23.00
		6	0	21.17	21.09	21.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	23.67	23.64	23.64	25.00
		1	7	23.67	23.66	23.71	25.00
		1	14	23.66	23.63	23.71	25.00
		8	0	23.18	23.16	23.20	24.00
		8	4	23.14	23.13	23.21	24.00
		8	7	23.14	23.13	23.20	24.00
		15	0	23.16	23.14	23.18	24.00
	16QAM	1	0	23.31	23.41	23.33	24.00
		1	7	23.36	23.44	23.40	24.00
		1	14	23.36	23.38	23.38	24.00
		8	0	22.23	22.21	22.25	23.00
		8	4	22.23	22.21	22.27	23.00
		8	7	22.22	22.21	22.28	23.00
		15	0	22.20	22.18	22.22	23.00
	64QAM	1	0	22.46	22.40	22.10	23.00
		1	7	22.38	22.17	21.99	23.00
		1	14	22.00	22.07	22.19	23.00
		8	0	21.18	21.27	21.26	22.00
		8	4	21.17	21.35	21.13	22.00
		8	7	21.20	21.08	21.17	22.00
		15	0	21.00	21.03	21.08	22.00

Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	23.68	23.67	23.72	25.00
		1	13	23.69	23.67	23.72	25.00
		1	24	23.66	23.66	23.77	25.00
		12	0	23.19	23.14	23.17	24.00
		12	6	23.16	23.18	23.20	24.00
		12	13	23.13	23.17	23.20	24.00
		25	0	23.19	23.20	23.21	24.00
	16QAM	1	0	23.38	23.46	23.45	24.00
		1	13	23.44	23.45	23.46	24.00
		1	24	23.34	23.42	23.38	24.00
		12	0	22.18	22.17	22.16	23.00
		12	6	22.14	22.18	22.19	23.00
		12	13	22.12	22.19	22.17	23.00
		25	0	22.19	22.18	22.22	23.00
	64QAM	1	0	22.31	22.02	22.01	23.00
		1	13	22.14	22.41	22.16	23.00
		1	24	22.09	22.21	22.02	23.00
		12	0	20.99	21.06	21.35	22.00
		12	6	21.09	21.33	21.35	22.00
		12	13	21.12	21.09	21.07	22.00
		25	0	21.04	21.04	21.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.61	23.65	23.64	25.00
		1	25	23.61	23.64	23.68	25.00
		1	49	23.60	23.61	23.67	25.00
		25	0	23.18	23.12	23.19	24.00
		25	13	23.18	23.18	23.17	24.00
		25	25	23.13	23.19	23.22	24.00
		50	0	23.20	23.18	23.20	24.00
	16QAM	1	0	23.30	23.39	23.42	24.00
		1	25	23.38	23.37	23.41	24.00
		1	49	23.32	23.34	23.33	24.00
		25	0	22.21	22.15	22.21	23.00
		25	13	22.19	22.21	22.20	23.00
		25	25	22.16	22.19	22.26	23.00
		50	0	22.20	22.19	22.21	23.00
	64QAM	1	0	22.46	22.23	22.45	23.00
		1	25	22.23	22.31	22.19	23.00
		1	49	22.45	22.03	22.18	23.00
		25	0	21.38	21.37	21.43	22.00
		25	13	21.09	21.00	21.01	22.00
		25	25	21.37	21.16	21.34	22.00
		50	0	21.26	21.40	21.23	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.64	23.60	23.64	25.00
		1	38	23.68	23.66	23.65	25.00

		1	74	23.60	23.63	23.67	25.00
		36	0	23.17	23.06	23.19	24.00
		36	18	23.11	23.11	23.20	24.00
		36	39	23.12	23.12	23.22	24.00
		75	0	23.14	23.12	23.17	24.00
	16QAM	1	0	23.38	23.40	23.39	24.00
		1	38	23.40	23.37	23.42	24.00
		1	74	23.38	23.32	23.42	24.00
		36	0	22.17	22.08	22.18	23.00
		36	18	22.17	22.12	22.23	23.00
		36	39	22.15	22.16	22.26	23.00
		75	0	22.18	22.12	22.15	23.00
	64QAM	1	0	22.26	22.06	22.04	23.00
		1	38	21.99	22.41	22.41	23.00
		1	74	22.33	22.00	21.99	23.00
		36	0	21.34	21.07	21.19	22.00
		36	18	21.09	21.13	21.21	22.00
		36	39	21.41	21.37	21.07	22.00
		75	0	21.33	21.00	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.62	23.56	23.43	25.00
		1	50	**23.62**	**23.66**	**23.54**	25.00
		1	99	23.52	23.52	23.50	25.00
		50	0	23.23	**23.25**	23.24	24.00
		50	25	23.17	23.17	23.15	24.00
		50	50	23.09	23.18	23.21	24.00
		100	0	**23.35**	23.14	23.23	24.00
	16QAM	1	0	23.35	23.38	23.27	24.00
		1	50	23.41	23.42	23.39	24.00
		1	99	23.34	23.32	23.29	24.00
		50	0	22.22	22.09	22.24	23.00
		50	25	22.16	22.14	22.16	23.00
		50	50	22.11	22.17	22.19	23.00
		100	0	22.13	22.11	22.19	23.00
	64QAM	1	0	22.33	22.03	22.19	23.00
		1	50	22.43	22.35	22.00	23.00
		1	99	22.13	22.37	22.19	23.00
		50	0	21.36	20.99	20.99	22.00
		50	25	21.19	21.02	21.35	22.00
		50	50	21.04	21.10	21.15	22.00
		100	0	21.32	21.02	21.40	22.00

LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.24	23.11	23.03	24.50
		1	2	23.04	23.01	23.07	24.50
		1	5	23.01	23.02	23.01	24.50
		3	0	23.22	23.23	23.20	24.50
		3	2	23.28	23.17	23.28	24.50
		3	3	23.22	23.19	23.32	24.50
		6	0	22.64	22.75	22.71	23.50
	16QAM	1	0	22.58	22.63	22.65	23.50
		1	2	22.82	22.72	22.67	23.50
		1	5	22.57	22.59	22.64	23.50
		3	0	22.56	22.61	22.69	23.50
		3	2	22.59	22.59	22.61	23.50
		3	3	22.55	22.54	22.54	23.50
		6	0	21.76	21.70	21.83	22.50
	64QAM	1	0	21.90	21.89	21.73	22.50
		1	2	21.92	21.61	21.90	22.50
		1	5	21.82	21.48	21.95	22.50
		3	0	21.93	21.90	21.87	22.50
		3	2	21.62	21.55	21.50	22.50
		3	3	21.52	21.78	21.69	22.50
		6	0	20.65	20.63	20.61	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	23.19	23.11	23.19	24.50
		1	7	23.21	23.21	23.17	24.50
		1	14	23.21	23.13	23.25	24.50
		8	0	22.72	22.62	22.71	23.50
		8	4	22.69	22.62	22.68	23.50
		8	7	22.68	22.64	22.65	23.50
		15	0	22.63	22.59	22.63	23.50
	16QAM	1	0	22.81	22.88	22.78	23.50
		1	7	22.81	22.99	22.90	23.50
		1	14	22.91	22.89	22.84	23.50
		8	0	21.78	21.66	21.71	22.50
		8	4	21.78	21.75	21.77	22.50
		8	7	21.72	21.70	21.80	22.50
		15	0	21.66	21.69	21.73	22.50
	64QAM	1	0	21.94	21.88	21.64	22.50
		1	7	21.87	21.68	21.46	22.50
		1	14	21.50	21.58	21.71	22.50
		8	0	20.70	20.72	20.71	21.50
		8	4	20.69	20.83	20.59	21.50
		8	7	20.69	20.61	20.63	21.50
		15	0	20.53	20.57	20.60	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.19	23.22	23.21	24.50
		1	13	23.15	23.20	23.18	24.50
		1	24	23.13	23.20	23.23	24.50
		12	0	22.64	22.67	22.71	23.50
		12	6	22.68	22.64	22.71	23.50
		12	13	22.67	22.67	22.71	23.50
		25	0	22.66	22.67	22.69	23.50
	16QAM	1	0	22.84	22.93	22.97	23.50
		1	13	22.93	22.92	23.00	23.50
		1	24	22.89	22.93	22.93	23.50
		12	0	21.65	21.65	21.62	22.50
		12	6	21.68	21.73	21.65	22.50
		12	13	21.67	21.67	21.69	22.50
		25	0	21.74	21.67	21.69	22.50
	64QAM	1	0	21.77	21.54	21.53	22.50
		1	13	21.63	21.86	21.67	22.50
		1	24	21.62	21.66	21.48	22.50
		12	0	20.46	20.51	20.89	21.50
		12	6	20.64	20.88	20.87	21.50
		12	13	20.60	20.57	20.55	21.50
		25	0	20.49	20.49	20.68	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.07	23.15	23.09	24.50
		1	25	23.06	23.13	23.14	24.50
		1	49	23.15	23.07	23.14	24.50
		25	0	22.65	22.61	22.67	23.50
		25	13	22.63	22.72	22.70	23.50
		25	25	22.63	22.66	22.73	23.50
		50	0	22.71	22.73	22.69	23.50
	16QAM	1	0	22.81	22.90	22.97	23.50
		1	25	22.92	22.82	22.90	23.50
		1	49	22.81	22.85	22.79	23.50
		25	0	21.68	21.65	21.67	22.50
		25	13	21.71	21.75	21.70	22.50
		25	25	21.61	21.68	21.77	22.50
		50	0	21.72	21.66	21.71	22.50
	64QAM	1	0	21.91	21.77	21.93	22.50
		1	25	21.69	21.76	21.69	22.50
		1	49	21.98	21.55	21.72	22.50
		25	0	20.90	20.90	20.91	21.50
		25	13	20.55	20.45	20.56	21.50
		25	25	20.90	20.62	20.81	21.50
		50	0	20.79	20.86	20.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.19	23.11	23.13	24.50

		1	38	23.15	23.21	23.10	24.50
		1	74	23.13	23.10	23.13	24.50
		36	0	22.63	22.53	22.66	23.50
		36	18	22.66	22.61	22.66	23.50
		36	39	22.67	22.65	22.71	23.50
		75	0	22.66	22.65	22.68	23.50
	16QAM	1	0	22.89	22.95	22.90	23.50
		1	38	22.88	22.88	22.87	23.50
		1	74	22.93	22.83	22.87	23.50
		36	0	21.70	21.62	21.72	22.50
		36	18	21.63	21.57	21.75	22.50
		36	39	21.64	21.62	21.79	22.50
		75	0	21.66	21.63	21.62	22.50
	64QAM	1	0	21.71	21.55	21.50	22.50
		1	38	21.46	21.89	21.96	22.50
		1	74	21.80	21.45	21.54	22.50
		36	0	20.89	20.59	20.66	21.50
		36	18	20.54	20.58	20.68	21.50
		36	39	20.86	20.90	20.58	21.50
		75	0	20.85	20.50	20.86	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.07	23.18	22.97	24.50
		1	50	23.15	23.17	23.01	24.50
		1	99	23.01	23.04	23.04	24.50
		50	0	22.69	**22.76**	22.73	23.50
		50	25	22.69	22.62	22.63	23.50
		50	50	22.62	22.70	22.68	23.50
		100	0	22.86	22.59	22.76	23.50
	16QAM	1	0	22.89	22.93	22.75	23.50
		1	50	22.87	22.92	22.87	23.50
		1	99	22.81	22.78	22.83	23.50
		50	0	21.68	21.63	21.69	22.50
		50	25	21.69	21.60	21.65	22.50
		50	50	21.65	21.63	21.72	22.50
		100	0	21.65	21.62	21.72	22.50
	64QAM	1	0	21.79	21.48	21.67	22.50
		1	50	21.88	21.81	21.55	22.50
		1	99	21.64	21.82	21.69	22.50
		50	0	20.81	20.46	20.46	21.50
		50	25	20.69	20.57	20.80	21.50
		50	50	20.56	20.55	20.68	21.50
		100	0	20.77	20.56	20.90	21.50

LTE Band 2 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	19.71	19.75	19.68	20.50
		1	2	19.68	19.74	19.66	20.50
		1	5	19.67	19.33	19.71	20.50
		3	0	19.09	19.05	19.00	20.50
		3	2	18.95	18.89	18.98	20.50
		3	3	18.91	18.90	18.95	20.50
		6	0	19.08	19.08	19.05	20.50
	16QAM	1	0	19.18	19.13	19.14	20.50
		1	2	19.06	18.94	19.19	20.50
		1	5	19.08	19.11	19.10	20.50
		3	0	19.01	19.05	19.08	20.50
		3	2	19.04	19.04	19.09	20.50
		3	3	19.03	19.02	19.12	20.50
		6	0	19.02	19.03	19.09	20.50
	64QAM	1	0	19.12	19.39	19.25	20.50
		1	2	19.27	19.41	19.45	20.50
		1	5	19.30	19.30	19.24	20.50
		3	0	19.33	19.03	19.25	20.50
		3	2	19.31	19.12	19.13	20.50
		3	3	19.35	19.21	18.99	20.50
		6	0	19.17	19.24	19.18	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	19.77	19.27	19.78	20.50
		1	7	19.67	19.68	19.30	20.50
		1	14	19.68	19.77	19.77	20.50
		8	0	19.15	19.11	19.09	20.50
		8	4	19.13	19.03	19.12	20.50
		8	7	19.13	19.06	19.12	20.50
		15	0	19.13	19.12	19.20	20.50
	16QAM	1	0	19.15	19.05	19.04	20.50
		1	7	18.98	19.13	19.03	20.50
		1	14	19.10	19.07	19.16	20.50
		8	0	19.02	19.09	19.13	20.50
		8	4	19.05	19.01	19.09	20.50
		8	7	19.00	19.03	19.04	20.50
		15	0	19.06	19.03	19.10	20.50
	64QAM	1	0	19.15	19.02	19.16	20.50
		1	7	19.32	19.31	19.35	20.50
		1	14	19.17	19.31	19.11	20.50
		8	0	19.26	19.36	19.02	20.50
		8	4	19.42	19.04	19.17	20.50
		8	7	19.05	19.19	19.22	20.50
		15	0	19.09	19.08	19.07	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.75	19.42	19.82	20.50
		1	13	19.77	19.82	19.79	20.50
		1	24	19.73	19.75	19.77	20.50
		12	0	19.11	19.10	19.07	20.50
		12	6	19.12	19.12	19.09	20.50
		12	13	19.03	19.07	19.09	20.50
		25	0	19.19	19.15	19.15	20.50
	16QAM	1	0	19.15	19.16	19.18	20.50
		1	13	19.20	19.07	19.19	20.50
		1	24	19.14	19.17	19.21	20.50
		12	0	19.13	19.09	19.05	20.50
		12	6	19.11	19.07	19.12	20.50
		12	13	19.08	19.12	19.16	20.50
		25	0	19.16	19.16	19.13	20.50
	64QAM	1	0	19.20	19.24	19.11	20.50
		1	13	19.29	19.35	19.22	20.50
		1	24	19.02	19.38	19.24	20.50
		12	0	18.98	19.14	19.45	20.50
		12	6	19.26	19.06	19.17	20.50
		12	13	18.99	19.29	19.02	20.50
		25	0	19.10	19.42	19.25	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.71	19.89	19.83	20.50
		1	25	19.74	19.83	19.86	20.50
		1	49	19.83	19.75	19.77	20.50
		25	0	19.19	19.14	19.17	20.50
		25	13	19.14	19.23	19.16	20.50
		25	25	19.12	19.20	19.29	20.50
		50	0	19.17	19.05	19.10	20.50
	16QAM	1	0	19.09	19.06	19.07	20.50
		1	25	19.10	19.10	19.16	20.50
		1	49	19.05	19.05	19.15	20.50
		25	0	19.20	19.09	19.13	20.50
		25	13	19.13	19.09	19.12	20.50
		25	25	19.05	19.09	19.19	20.50
		50	0	19.12	19.09	19.19	20.50
	64QAM	1	0	19.01	19.42	19.06	20.50
		1	25	18.98	19.25	19.12	20.50
		1	49	19.40	19.15	19.02	20.50
		25	0	18.98	19.28	19.36	20.50
		25	13	19.11	19.29	19.08	20.50
		25	25	19.41	19.41	19.44	20.50
		50	0	19.45	19.15	19.34	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.71	19.75	19.83	20.50

		1	38	19.85	19.83	19.83	20.50
		1	74	19.82	19.65	19.76	20.50
		36	0	19.14	19.09	19.14	20.50
		36	18	19.13	19.06	19.17	20.50
		36	39	19.05	19.19	19.22	20.50
		75	0	19.18	19.11	19.06	20.50
	16QAM	1	0	19.21	18.97	19.05	20.50
		1	38	19.03	19.18	19.07	20.50
		1	74	19.08	19.06	19.22	20.50
		36	0	19.16	19.07	19.14	20.50
		36	18	19.10	19.10	19.18	20.50
		36	39	19.12	19.07	19.24	20.50
		75	0	19.17	19.03	19.11	20.50
	64QAM	1	0	19.45	19.34	19.34	20.50
		1	38	19.46	19.10	19.05	20.50
		1	74	19.46	19.43	19.32	20.50
		36	0	19.36	19.36	19.14	20.50
		36	18	19.40	19.45	19.22	20.50
		36	39	18.99	19.27	19.11	20.50
		75	0	19.30	19.15	19.00	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.26	19.73	19.31	20.50
		1	50	19.71	19.41	19.49	20.50
		1	99	19.68	19.64	19.38	20.50
		50	0	**19.21**	**19.26**	**19.16**	20.50
		50	25	19.15	19.14	19.06	20.50
		50	50	19.10	19.15	19.12	20.50
		100	0	**19.19**	19.06	19.15	20.50
	16QAM	1	0	19.06	19.03	18.90	20.50
		1	50	19.12	19.08	19.05	20.50
		1	99	18.98	18.99	19.02	20.50
		50	0	19.21	19.04	19.16	20.50
		50	25	19.12	19.09	19.12	20.50
		50	50	19.10	19.12	19.19	20.50
		100	0	19.14	19.12	19.16	20.50
	64QAM	1	0	19.17	19.29	19.40	20.50
		1	50	19.13	19.29	19.28	20.50
		1	99	19.08	19.17	19.03	20.50
		50	0	19.07	19.03	19.19	20.50
		50	25	19.05	19.11	19.22	20.50
		50	50	19.32	19.37	19.16	20.50
		100	0	19.45	19.41	19.09	20.50

LTE Band 4 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	23.99	23.79	23.79	25.00
		1	2	23.64	23.64	23.82	25.00
		1	5	23.42	23.79	23.44	25.00
		3	0	23.79	23.62	23.55	25.00
		3	2	23.60	23.72	23.67	25.00
		3	3	23.80	23.65	23.69	25.00
		6	0	22.73	22.75	22.66	24.00
	16QAM	1	0	22.79	22.68	22.59	24.00
		1	2	22.75	22.84	22.88	24.00
		1	5	22.93	22.93	22.89	24.00
		3	0	22.77	22.57	22.65	24.00
		3	2	22.73	22.67	22.46	24.00
		3	3	22.75	22.58	22.71	24.00
		6	0	21.78	21.73	21.74	23.00
	64QAM	1	0	21.64	21.70	21.60	23.00
		1	2	21.51	21.64	21.65	23.00
		1	5	21.63	21.65	21.60	23.00
		3	0	21.51	21.69	21.52	23.00
		3	2	21.54	21.64	21.61	23.00
		3	3	21.62	21.56	21.59	23.00
		6	0	20.54	20.58	20.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.60	23.61	23.61	25.00
		1	7	23.79	23.80	23.53	25.00
		1	14	23.64	23.71	23.59	25.00
		8	0	22.70	22.68	22.57	24.00
		8	4	22.68	22.64	22.61	24.00
		8	7	22.65	22.62	22.55	24.00
		15	0	22.67	22.66	22.65	24.00
	16QAM	1	0	22.92	22.79	22.89	24.00
		1	7	22.92	22.97	22.83	24.00
		1	14	22.90	22.49	22.90	24.00
		8	0	21.82	21.78	21.72	23.00
		8	4	21.70	21.82	21.54	23.00
		8	7	21.81	21.77	21.74	23.00
		15	0	21.70	21.67	21.63	23.00
	64QAM	1	0	21.63	21.62	21.67	23.00
		1	7	21.65	21.69	21.63	23.00
		1	14	21.59	21.52	21.59	23.00
		8	0	20.57	20.63	20.52	22.00
		8	4	20.54	20.65	20.64	22.00
		8	7	20.57	20.62	20.59	22.00
		15	0	20.52	20.64	20.64	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.90	23.73	23.57	25.00
		1	13	23.78	23.87	23.74	25.00
		1	24	23.71	23.81	23.72	25.00
		12	0	22.74	22.77	22.65	24.00
		12	6	22.77	22.77	22.62	24.00
		12	13	22.65	22.74	22.60	24.00
		25	0	22.71	22.82	22.65	24.00
	16QAM	1	0	22.74	22.74	22.51	24.00
		1	13	22.78	22.57	22.64	24.00
		1	24	22.69	22.78	22.80	24.00
		12	0	21.72	21.75	21.66	23.00
		12	6	21.68	21.65	21.68	23.00
		12	13	21.63	21.72	21.52	23.00
		25	0	21.74	21.78	21.66	23.00
	64QAM	1	0	21.63	21.61	21.65	23.00
		1	13	21.62	21.53	21.60	23.00
		1	24	21.67	21.61	21.54	23.00
		12	0	20.68	20.60	20.60	22.00
		12	6	20.65	20.64	20.55	22.00
		12	13	20.60	20.60	20.57	22.00
		25	0	20.59	20.70	20.67	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.89	23.77	23.88	25.00
		1	25	23.70	23.68	23.64	25.00
		1	49	23.61	23.90	23.63	25.00
		25	0	22.72	22.69	22.74	24.00
		25	13	22.70	22.77	22.67	24.00
		25	25	22.63	22.71	22.71	24.00
		50	0	22.76	22.68	22.64	24.00
	16QAM	1	0	22.77	22.73	22.23	24.00
		1	25	22.48	22.77	22.64	24.00
		1	49	22.51	22.76	22.46	24.00
		25	0	21.76	21.74	21.77	23.00
		25	13	21.61	21.78	21.68	23.00
		25	25	21.73	21.69	21.66	23.00
		50	0	21.77	21.70	21.73	23.00
	64QAM	1	0	21.67	21.56	21.62	23.00
		1	25	21.54	21.65	21.63	23.00
		1	49	21.51	21.62	21.55	23.00
		25	0	20.66	20.62	20.70	22.00
		25	13	20.62	20.65	20.53	22.00
		25	25	20.54	20.67	20.64	22.00
		50	0	20.53	20.54	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.94	23.52	23.50	25.00

		1	38	23.57	23.66	23.83	25.00
		1	74	23.85	23.50	23.57	25.00
		36	0	22.73	22.58	22.75	24.00
		36	18	22.70	22.67	22.62	24.00
		36	39	22.65	22.68	22.57	24.00
		75	0	22.73	22.68	22.65	24.00
	16QAM	1	0	22.67	22.61	22.70	24.00
		1	38	22.72	22.69	22.79	24.00
		1	74	22.73	22.73	22.70	24.00
		36	0	21.68	21.63	21.74	23.00
		36	18	21.68	21.72	21.58	23.00
		36	39	21.69	21.64	21.62	23.00
		75	0	21.65	21.69	21.61	23.00
	64QAM	1	0	21.56	21.58	21.62	23.00
		1	38	21.52	21.62	21.64	23.00
		1	74	21.68	21.67	21.56	23.00
		36	0	20.53	20.58	20.60	22.00
		36	18	20.66	20.70	20.51	22.00
		36	39	20.52	20.67	20.67	22.00
		75	0	20.60	20.63	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.66	23.58	23.67	25.00
		1	50	23.83	23.89	23.82	25.00
		1	99	23.58	23.52	23.54	25.00
		50	0	22.65	22.90	**22.90**	24.00
		50	25	22.80	22.76	22.75	24.00
		50	50	22.85	22.63	22.70	24.00
		100	0	22.78	22.80	22.73	24.00
	16QAM	1	0	22.65	22.99	22.78	24.00
		1	50	22.78	22.55	22.86	24.00
		1	99	22.72	22.99	22.86	24.00
		50	0	21.77	21.61	21.88	23.00
		50	25	21.73	21.78	21.73	23.00
		50	50	21.85	21.60	21.64	23.00
		100	0	21.69	21.62	21.64	23.00
	64QAM	1	0	21.52	21.58	21.56	23.00
		1	50	21.60	21.60	21.68	23.00
		1	99	21.63	21.69	21.70	23.00
		50	0	20.57	20.53	20.56	22.00
		50	25	20.51	20.61	20.54	22.00
		50	50	20.68	20.68	20.61	22.00
		100	0	20.61	20.57	20.55	22.00

LTE Band 4 Receiver off/Hotspot off/Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	22.67	22.71	22.73	24.00
		1	2	22.67	22.70	22.94	24.00
		1	5	22.67	22.72	22.76	24.00
		3	0	22.83	22.77	22.78	24.00
		3	2	22.77	22.81	22.75	24.00
		3	3	22.81	22.83	22.79	24.00
		6	0	22.88	22.85	22.79	24.00
	16QAM	1	0	22.79	22.68	22.59	24.00
		1	2	22.75	22.84	22.88	24.00
		1	5	22.93	22.93	22.89	24.00
		3	0	22.77	22.57	22.65	24.00
		3	2	22.73	22.67	22.46	24.00
		3	3	22.75	22.58	22.71	24.00
		6	0	21.78	21.73	21.74	23.00
	64QAM	1	0	21.64	21.70	21.60	23.00
		1	2	21.51	21.64	21.65	23.00
		1	5	21.63	21.65	21.60	23.00
		3	0	21.51	21.69	21.52	23.00
		3	2	21.54	21.64	21.61	23.00
		3	3	21.62	21.56	21.59	23.00
		6	0	20.54	20.58	20.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.00	23.00	23.03	24.00
		1	7	22.95	22.99	23.01	24.00
		1	14	22.97	22.93	22.98	24.00
		8	0	22.77	22.80	22.72	24.00
		8	4	22.80	22.73	22.71	24.00
		8	7	22.75	22.72	22.73	24.00
		15	0	22.78	22.75	22.73	24.00
	16QAM	1	0	22.92	22.79	22.89	24.00
		1	7	22.92	22.97	22.83	24.00
		1	14	22.90	22.49	22.90	24.00
		8	0	21.82	21.78	21.72	23.00
		8	4	21.70	21.82	21.54	23.00
		8	7	21.81	21.77	21.74	23.00
		15	0	21.70	21.67	21.63	23.00
	64QAM	1	0	21.63	21.62	21.67	23.00
		1	7	21.65	21.69	21.63	23.00
		1	14	21.59	21.52	21.59	23.00
		8	0	20.57	20.63	20.52	22.00
		8	4	20.54	20.65	20.64	22.00
		8	7	20.57	20.62	20.59	22.00
		15	0	20.52	20.64	20.64	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.97	23.02	23.08	24.00
		1	13	23.05	23.00	23.07	24.00
		1	24	23.05	22.95	23.03	24.00
		12	0	22.84	22.79	22.77	24.00
		12	6	22.80	22.78	22.75	24.00
		12	13	22.75	22.78	22.76	24.00
		25	0	22.80	22.78	22.78	24.00
	16QAM	1	0	22.74	22.74	22.51	24.00
		1	13	22.78	22.57	22.64	24.00
		1	24	22.69	22.78	22.80	24.00
		12	0	21.72	21.75	21.66	23.00
		12	6	21.68	21.65	21.68	23.00
		12	13	21.63	21.72	21.52	23.00
		25	0	21.74	21.78	21.66	23.00
	64QAM	1	0	21.63	21.61	21.65	23.00
		1	13	21.62	21.53	21.60	23.00
		1	24	21.67	21.61	21.54	23.00
		12	0	20.68	20.60	20.60	22.00
		12	6	20.65	20.64	20.55	22.00
		12	13	20.60	20.60	20.57	22.00
		25	0	20.59	20.70	20.67	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.98	23.06	23.03	24.00
		1	25	23.01	23.02	23.03	24.00
		1	49	23.03	22.95	22.93	24.00
		25	0	22.85	22.75	22.78	24.00
		25	13	22.82	22.79	22.75	24.00
		25	25	22.81	22.76	22.80	24.00
		50	0	22.85	22.77	22.76	24.00
	16QAM	1	0	22.77	22.73	22.23	24.00
		1	25	22.48	22.77	22.64	24.00
		1	49	22.51	22.76	22.46	24.00
		25	0	21.76	21.74	21.77	23.00
		25	13	21.61	21.78	21.68	23.00
		25	25	21.73	21.69	21.66	23.00
		50	0	21.77	21.70	21.73	23.00
	64QAM	1	0	21.67	21.56	21.62	23.00
		1	25	21.54	21.65	21.63	23.00
		1	49	21.51	21.62	21.55	23.00
		25	0	20.66	20.62	20.70	22.00
		25	13	20.62	20.65	20.53	22.00
		25	25	20.54	20.67	20.64	22.00
		50	0	20.53	20.54	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.97	23.03	23.00	24.00

		1	38	23.07	23.00	23.03	24.00
		1	74	23.03	22.92	22.94	24.00
		36	0	22.79	22.68	22.79	24.00
		36	18	22.77	22.73	22.73	24.00
		36	39	22.80	22.69	22.74	24.00
		75	0	22.79	22.72	22.73	24.00
	16QAM	1	0	22.67	22.61	22.70	24.00
		1	38	22.72	22.69	22.79	24.00
		1	74	22.73	22.73	22.70	24.00
		36	0	21.68	21.63	21.74	23.00
		36	18	21.68	21.72	21.58	23.00
		36	39	21.69	21.64	21.62	23.00
		75	0	21.65	21.69	21.61	23.00
	64QAM	1	0	21.56	21.58	21.62	23.00
		1	38	21.52	21.62	21.64	23.00
		1	74	21.68	21.67	21.56	23.00
		36	0	20.53	20.58	20.60	22.00
		36	18	20.66	20.70	20.51	22.00
		36	39	20.52	20.67	20.67	22.00
		75	0	20.60	20.63	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.94	23.09	22.96	24.00
		1	50	**23.08**	22.99	**23.04**	24.00
		1	99	22.93	22.89	22.92	24.00
		50	0	22.65	**22.90**	**22.90**	24.00
		50	25	22.80	22.76	22.75	24.00
		50	50	**22.85**	22.63	22.70	24.00
		100	0	22.78	**22.80**	22.73	24.00
	16QAM	1	0	22.65	22.99	22.78	24.00
		1	50	22.78	22.55	22.86	24.00
		1	99	22.72	22.99	22.86	24.00
		50	0	21.77	21.61	21.88	23.00
		50	25	21.73	21.78	21.73	23.00
		50	50	21.85	21.60	21.64	23.00
		100	0	21.69	21.62	21.64	23.00
	64QAM	1	0	21.52	21.58	21.56	23.00
		1	50	21.60	21.60	21.68	23.00
		1	99	21.63	21.69	21.70	23.00
		50	0	20.57	20.53	20.56	22.00
		50	25	20.51	20.61	20.54	22.00
		50	50	20.68	20.68	20.61	22.00
		100	0	20.61	20.57	20.55	22.00

LTE Band 4 Hotspot on/Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	19.13	19.18	19.18	20.50
		1	2	19.09	19.17	19.28	20.50
		1	5	19.05	19.21	19.16	20.50
		3	0	18.87	18.87	18.84	20.50
		3	2	18.88	18.87	18.82	20.50
		3	3	18.84	18.86	18.81	20.50
		6	0	18.96	18.96	18.92	20.50
	16QAM	1	0	18.81	18.81	18.78	20.50
		1	2	18.84	18.85	18.83	20.50
		1	5	18.77	18.82	18.79	20.50
		3	0	18.83	18.84	18.81	20.50
		3	2	18.87	18.85	18.85	20.50
		3	3	18.84	18.85	18.84	20.50
		6	0	18.86	18.88	18.84	20.50
	64QAM	1	0	19.12	19.15	18.78	20.50
		1	2	19.14	18.89	18.94	20.50
		1	5	18.95	19.02	18.93	20.50
		3	0	18.81	19.01	19.04	20.50
		3	2	19.10	18.69	18.89	20.50
		3	3	19.11	18.77	18.69	20.50
		6	0	18.76	18.83	18.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	19.15	19.16	19.17	20.50
		1	7	19.12	19.18	19.15	20.50
		1	14	19.13	19.03	19.15	20.50
		8	0	18.92	18.93	18.90	20.50
		8	4	18.90	18.91	18.88	20.50
		8	7	18.89	18.87	18.89	20.50
		15	0	18.85	18.84	18.87	20.50
	16QAM	1	0	18.80	18.82	18.77	20.50
		1	7	18.81	18.80	18.77	20.50
		1	14	18.84	18.80	18.78	20.50
		8	0	18.83	18.83	18.86	20.50
		8	4	18.82	18.81	18.85	20.50
		8	7	18.82	18.80	18.83	20.50
		15	0	18.85	18.80	18.83	20.50
	64QAM	1	0	19.14	19.01	19.03	20.50
		1	7	18.97	19.01	19.00	20.50
		1	14	19.13	19.09	18.97	20.50
		8	0	18.95	18.95	19.05	20.50
		8	4	19.07	18.99	19.13	20.50
		8	7	19.08	18.80	18.72	20.50
		15	0	19.07	18.69	18.95	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.13	19.22	19.24	20.50
		1	13	19.16	19.20	19.22	20.50
		1	24	19.12	19.16	19.19	20.50
		12	0	18.87	18.90	18.86	20.50
		12	6	18.89	18.90	18.88	20.50
		12	13	18.83	18.87	18.85	20.50
		25	0	18.89	18.93	18.88	20.50
	16QAM	1	0	18.87	18.86	18.86	20.50
		1	13	18.87	18.84	18.84	20.50
		1	24	18.85	18.86	18.82	20.50
		12	0	18.87	18.87	18.89	20.50
		12	6	18.86	18.89	18.86	20.50
		12	13	18.83	18.90	18.86	20.50
		25	0	18.86	18.90	18.88	20.50
	64QAM	1	0	19.12	19.16	19.14	20.50
		1	13	18.86	18.88	18.87	20.50
		1	24	18.91	18.90	18.70	20.50
		12	0	18.78	18.80	18.71	20.50
		12	6	18.85	19.06	19.07	20.50
		12	13	18.75	19.00	18.95	20.50
		25	0	18.99	19.09	18.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.12	19.16	19.22	20.50
		1	25	19.19	19.21	19.24	20.50
		1	49	19.16	19.14	19.16	20.50
		25	0	18.89	18.89	18.89	20.50
		25	13	18.90	18.90	18.89	20.50
		25	25	18.80	18.88	18.90	20.50
		50	0	18.89	18.89	18.87	20.50
	16QAM	1	0	18.84	18.88	18.85	20.50
		1	25	18.88	18.88	18.85	20.50
		1	49	18.83	18.82	18.78	20.50
		25	0	18.86	18.83	18.91	20.50
		25	13	18.89	18.92	18.85	20.50
		25	25	18.82	18.87	18.89	20.50
		50	0	18.89	18.87	18.88	20.50
	64QAM	1	0	19.09	18.72	18.78	20.50
		1	25	18.94	19.02	19.15	20.50
		1	49	18.79	18.83	19.07	20.50
		25	0	18.82	18.86	19.00	20.50
		25	13	18.92	18.89	18.78	20.50
		25	25	18.88	18.72	19.02	20.50
		50	0	18.83	18.70	19.12	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.15	19.20	19.16	20.50

		1	38	19.12	19.16	19.22	20.50
		1	74	19.07	19.14	19.12	20.50
		36	0	18.92	18.78	18.89	20.50
		36	18	18.86	18.85	18.90	20.50
		36	39	18.85	18.83	18.84	20.50
		75	0	18.82	18.83	18.83	20.50
	16QAM	1	0	18.80	18.86	18.80	20.50
		1	38	18.81	18.82	18.82	20.50
		1	74	18.75	18.79	18.76	20.50
		36	0	18.91	18.79	18.87	20.50
		36	18	18.85	18.83	18.87	20.50
		36	39	18.84	18.78	18.83	20.50
		75	0	18.83	18.83	18.82	20.50
	64QAM	1	0	18.92	19.05	19.08	20.50
		1	38	19.08	18.80	18.71	20.50
		1	74	18.96	18.68	19.06	20.50
		36	0	19.01	18.68	19.07	20.50
		36	18	18.78	18.86	18.83	20.50
		36	39	18.92	18.87	18.94	20.50
		75	0	18.85	19.02	18.77	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	19.15	19.15	19.13	20.50
		1	50	**19.30**	19.48	**19.15**	20.50
		1	99	19.11	19.10	19.09	20.50
		50	0	18.74	**19.35**	**18.97**	20.50
		50	25	**18.93**	18.87	18.87	20.50
		50	50	18.90	18.82	18.83	20.50
		100	0	18.83	**18.87**	18.85	20.50
	16QAM	1	0	18.79	18.74	18.84	20.50
		1	50	18.85	18.83	18.84	20.50
		1	99	18.71	18.70	18.71	20.50
		50	0	18.97	18.76	19.01	20.50
		50	25	18.90	18.88	18.87	20.50
		50	50	18.93	18.83	18.81	20.50
		100	0	18.86	18.85	18.86	20.50
	64QAM	1	0	19.14	18.71	18.75	20.50
		1	50	18.93	19.07	19.14	20.50
		1	99	18.79	18.81	18.87	20.50
		50	0	19.10	18.77	19.01	20.50
		50	25	18.93	18.80	18.80	20.50
		50	50	19.10	18.76	19.10	20.50
		100	0	18.90	19.07	18.70	20.50

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	23.47	23.53	23.21	25.00
		1	2	23.35	23.41	23.49	25.00
		1	5	23.46	23.28	23.55	25.00
		3	0	23.44	23.49	23.44	25.00
		3	2	23.49	23.42	23.41	25.00
		3	3	23.44	23.42	23.39	25.00
		6	0	22.48	22.43	22.39	24.00
	16QAM	1	0	22.74	22.83	22.69	24.00
		1	2	22.86	22.93	22.82	24.00
		1	5	22.86	22.50	22.81	24.00
		3	0	22.47	22.32	22.42	24.00
		3	2	22.44	22.42	22.42	24.00
		3	3	22.36	22.46	22.38	24.00
		6	0	21.47	21.47	21.60	23.00
	64QAM	1	0	21.63	21.33	21.33	23.00
		1	2	21.67	21.66	21.63	23.00
		1	5	21.60	21.35	21.41	23.00
		3	0	21.63	21.55	21.50	23.00
		3	2	21.62	21.69	21.71	23.00
		3	3	21.67	21.61	21.62	23.00
		6	0	20.56	20.51	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.36	23.40	23.31	25.00
		1	7	23.35	23.31	23.34	25.00
		1	14	23.42	23.41	23.31	25.00
		8	0	22.43	22.46	22.32	24.00
		8	4	22.37	22.35	22.39	24.00
		8	7	22.43	22.36	22.37	24.00
		15	0	22.40	22.45	22.33	24.00
	16QAM	1	0	22.51	22.92	22.81	24.00
		1	7	22.91	22.87	22.47	24.00
		1	14	22.29	22.83	22.80	24.00
		8	0	21.50	21.53	21.42	23.00
		8	4	21.59	21.42	21.41	23.00
		8	7	21.41	21.56	21.46	23.00
		15	0	21.53	21.51	21.33	23.00
	64QAM	1	0	21.54	21.37	21.57	23.00
		1	7	21.52	21.55	21.55	23.00
		1	14	21.57	21.57	21.56	23.00
		8	0	20.40	20.37	20.39	22.00
		8	4	20.42	20.37	20.39	22.00
		8	7	20.38	20.36	20.33	22.00
		15	0	20.47	20.36	20.44	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.47	23.43	23.44	25.00
		1	13	23.47	23.63	23.34	25.00
		1	24	23.46	23.42	23.36	25.00
		12	0	22.44	22.56	22.49	24.00
		12	6	22.47	22.48	22.42	24.00
		12	13	22.46	22.42	22.42	24.00
		25	0	22.40	22.41	22.38	24.00
	16QAM	1	0	22.71	22.90	22.81	24.00
		1	13	22.54	22.57	22.84	24.00
		1	24	22.84	22.68	22.65	24.00
		12	0	21.42	21.52	21.39	23.00
		12	6	21.41	21.46	21.43	23.00
		12	13	21.38	21.38	21.42	23.00
		25	0	21.48	21.43	21.42	23.00
	64QAM	1	0	21.44	21.30	21.26	23.00
		1	13	21.46	21.37	21.51	23.00
		1	24	21.41	21.14	21.18	23.00
		12	0	20.41	20.33	20.37	22.00
		12	6	20.42	20.38	20.28	22.00
		12	13	20.32	20.29	20.30	22.00
		25	0	20.41	20.31	20.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.61	23.59	23.59	25.00
		1	25	23.57	23.59	23.62	25.00
		1	49	23.61	23.52	23.51	25.00
		25	0	23.09	23.16	23.14	24.00
		25	13	23.12	23.12	**23.16**	24.00
		25	25	23.10	23.12	23.08	24.00
		50	0	23.11	23.19	23.14	24.00
	16QAM	1	0	22.83	22.62	22.87	24.00
		1	25	22.55	22.91	22.88	24.00
		1	49	22.91	22.53	22.66	24.00
		25	0	21.43	21.52	21.40	23.00
		25	13	21.37	21.43	21.37	23.00
		25	25	21.43	21.51	21.45	23.00
		50	0	21.47	21.39	21.43	23.00
	64QAM	1	0	21.64	21.43	21.46	23.00
		1	25	21.61	21.74	21.58	23.00
		1	49	21.66	21.45	21.65	23.00
		25	0	20.68	20.50	20.51	22.00
		25	13	20.56	20.60	20.54	22.00
		25	25	20.50	20.56	20.49	22.00
		50	0	20.60	20.53	20.43	22.00

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	23.44	23.33	23.38	25.00
		1	13	23.41	23.35	23.29	25.00
		1	24	23.57	23.30	23.38	25.00
		12	0	22.42	22.24	22.37	24.00
		12	6	22.43	22.21	22.30	24.00
		12	13	22.40	22.17	22.25	24.00
		25	0	22.41	22.16	22.28	24.00
	16QAM	1	0	22.57	22.39	22.59	24.00
		1	13	22.46	22.54	22.72	24.00
		1	24	22.51	22.30	22.16	24.00
		12	0	21.33	21.14	21.37	23.00
		12	6	21.42	21.27	21.26	23.00
		12	13	21.52	21.11	21.28	23.00
		25	0	21.39	21.24	21.33	23.00
	64QAM	1	0	21.10	21.19	21.21	23.00
		1	13	21.10	21.19	21.28	23.00
		1	24	21.32	21.10	21.27	23.00
		12	0	20.07	20.10	20.19	22.00
		12	6	20.19	20.11	20.13	22.00
		12	13	20.14	20.09	20.22	22.00
		25	0	20.19	20.14	20.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	23.51	23.28	23.16	25.00
		1	25	23.51	23.17	23.36	25.00
		1	49	23.63	23.32	23.46	25.00
		25	0	22.34	22.24	22.39	24.00
		25	13	22.50	22.17	22.27	24.00
		25	25	22.48	22.22	22.18	24.00
		50	0	22.43	22.29	22.29	24.00
	16QAM	1	0	22.20	22.60	22.45	24.00
		1	25	22.49	22.55	22.14	24.00
		1	49	22.89	22.11	22.64	24.00
		25	0	21.34	21.32	21.42	23.00
		25	13	21.46	21.32	21.34	23.00
		25	25	21.47	21.27	21.27	23.00
		50	0	21.50	21.32	21.37	23.00
	64QAM	1	0	21.21	21.12	21.30	23.00
		1	25	21.18	21.13	21.18	23.00
		1	49	21.26	21.30	21.26	23.00
		25	0	20.20	20.11	20.15	22.00
		25	13	20.20	20.09	20.13	22.00
		25	25	20.22	20.20	20.18	22.00
		50	0	20.21	20.21	20.20	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.50	23.12	23.30	25.00
		1	38	23.40	23.42	23.19	25.00
		1	74	23.65	23.10	23.34	25.00
		36	0	22.31	22.22	22.24	24.00
		36	18	22.47	22.24	22.30	24.00
		36	39	22.51	22.16	22.26	24.00
		75	0	22.44	22.26	22.24	24.00
	16QAM	1	0	22.36	22.55	22.27	24.00
		1	38	22.70	22.64	22.56	24.00
		1	74	22.75	22.57	22.59	24.00
		36	0	21.29	21.31	21.25	23.00
		36	18	21.49	21.28	21.30	23.00
		36	39	21.56	21.18	21.26	23.00
		75	0	21.40	21.25	21.30	23.00
	64QAM	1	0	21.17	21.09	21.10	23.00
		1	38	21.21	21.32	21.20	23.00
		1	74	21.24	21.30	21.17	23.00
		36	0	20.09	20.17	20.14	22.00
		36	18	20.20	20.07	20.08	22.00
		36	39	20.21	20.22	20.18	22.00
		75	0	20.15	20.10	20.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.49	23.30	23.04	25.00
		1	50	23.42	23.55	23.28	25.00
		1	99	23.39	23.28	23.32	25.00
		50	0	22.33	22.29	22.33	24.00
		50	25	22.51	22.29	22.35	24.00
		50	50	**22.58**	22.17	22.19	24.00
		100	0	22.39	22.33	22.33	24.00
	16QAM	1	0	22.11	22.61	22.13	24.00
		1	50	22.73	22.12	22.55	24.00
		1	99	22.57	22.46	22.33	24.00
		50	0	21.38	21.26	21.24	23.00
		50	25	21.58	21.31	21.23	23.00
		50	50	21.55	21.18	21.19	23.00
		100	0	21.45	21.23	21.29	23.00
	64QAM	1	0	21.24	21.31	21.27	23.00
		1	50	21.21	21.16	21.29	23.00
		1	99	21.16	21.32	21.16	23.00
		50	0	20.07	20.21	20.10	22.00
		50	25	20.13	20.17	20.09	22.00
		50	50	20.20	20.20	20.07	22.00
		100	0	20.10	20.10	20.08	22.00

LTE Band 7 Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	21.86	21.75	21.69	23.00
		1	13	21.89	21.74	21.73	23.00
		1	24	21.88	21.78	21.72	23.00
		12	0	21.66	21.59	21.64	23.00
		12	6	21.69	21.54	21.56	23.00
		12	13	21.68	21.51	21.49	23.00
		25	0	21.69	21.55	21.59	23.00
	16QAM	1	0	21.68	21.55	21.51	23.00
		1	13	21.69	21.54	21.57	23.00
		1	24	21.70	21.55	21.57	23.00
		12	0	21.67	21.59	21.64	23.00
		12	6	21.71	21.55	21.59	23.00
		12	13	21.73	21.49	21.49	23.00
		25	0	21.68	21.53	21.56	23.00
	64QAM	1	0	21.10	21.19	21.21	23.00
		1	13	21.10	21.19	21.28	23.00
		1	24	21.32	21.10	21.27	23.00
		12	0	20.07	20.10	20.19	22.00
		12	6	20.19	20.11	20.13	22.00
		12	13	20.14	20.09	20.22	22.00
		25	0	20.19	20.14	20.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	21.85	21.72	21.64	23.00
		1	25	21.88	21.78	21.72	23.00
		1	49	21.90	21.76	21.77	23.00
		25	0	21.61	21.62	21.66	23.00
		25	13	21.73	21.54	21.56	23.00
		25	25	21.84	21.55	21.44	23.00
		50	0	21.70	21.56	21.54	23.00
	16QAM	1	0	21.64	21.55	21.46	23.00
		1	25	21.67	21.54	21.54	23.00
		1	49	21.71	21.49	21.57	23.00
		25	0	21.66	21.56	21.67	23.00
		25	13	21.73	21.54	21.57	23.00
		25	25	21.77	21.52	21.44	23.00
		50	0	21.72	21.58	21.57	23.00
	64QAM	1	0	21.21	21.12	21.30	23.00
		1	25	21.18	21.13	21.18	23.00
		1	49	21.26	21.30	21.26	23.00
		25	0	20.20	20.11	20.15	22.00
		25	13	20.20	20.09	20.13	22.00
		25	25	20.22	20.20	20.18	22.00
		50	0	20.21	20.21	20.20	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.82	21.71	21.62	23.00
		1	38	21.94	21.78	21.74	23.00
		1	74	21.99	21.78	21.77	23.00
		36	0	21.59	21.52	21.47	23.00
		36	18	21.75	21.51	21.53	23.00
		36	39	21.79	21.47	21.47	23.00
		75	0	21.72	21.50	21.55	23.00
	16QAM	1	0	21.64	21.50	21.36	23.00
		1	38	21.69	21.57	21.54	23.00
		1	74	21.77	21.52	21.60	23.00
		36	0	21.60	21.56	21.49	23.00
		36	18	21.68	21.53	21.53	23.00
		36	39	21.78	21.52	21.45	23.00
		75	0	21.72	21.53	21.51	23.00
	64QAM	1	0	21.17	21.09	21.10	23.00
		1	38	21.21	21.32	21.20	23.00
		1	74	21.24	21.30	21.17	23.00
		36	0	20.09	20.17	20.14	22.00
		36	18	20.20	20.07	20.08	22.00
		36	39	20.21	20.22	20.18	22.00
		75	0	20.15	20.10	20.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.72	21.62	21.59	23.00
		1	50	21.91	21.76	21.69	23.00
		1	99	21.81	21.74	21.77	23.00
		50	0	21.56	21.50	21.51	23.00
		50	25	21.72	21.60	21.54	23.00
		50	50	**21.74**	21.42	21.34	23.00
		100	0	21.68	21.50	21.46	23.00
	16QAM	1	0	21.54	21.38	21.30	23.00
		1	50	21.72	21.51	21.51	23.00
		1	99	21.55	21.44	21.52	23.00
		50	0	21.57	21.53	21.48	23.00
		50	25	21.76	21.55	21.55	23.00
		50	50	21.77	21.44	21.34	23.00
		100	0	21.69	21.49	21.50	23.00
	16QAM	1	0	21.24	21.31	21.27	23.00
		1	50	21.21	21.16	21.29	23.00
		1	99	21.16	21.32	21.16	23.00
		50	0	20.07	20.21	20.10	22.00
		50	25	20.13	20.17	20.09	22.00
		50	50	20.20	20.20	20.07	22.00
		100	0	20.10	20.10	20.08	22.00

LTE Band 7 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	18.61	18.45	18.54	20.00
		1	13	18.64	18.50	18.42	20.00
		1	24	18.60	18.50	18.49	20.00
		12	0	18.71	18.54	18.69	20.00
		12	6	18.73	18.61	18.63	20.00
		12	13	18.77	18.53	18.49	20.00
		25	0	18.67	18.50	18.54	20.00
	16QAM	1	0	18.63	18.51	18.47	20.00
		1	13	18.66	18.53	18.52	20.00
		1	24	18.67	18.51	18.53	20.00
		12	0	18.71	18.54	18.68	20.00
		12	6	18.68	18.57	18.58	20.00
		12	13	18.70	18.51	18.51	20.00
		25	0	18.73	18.52	18.52	20.00
	64QAM	1	0	18.69	18.68	18.48	20.00
		1	13	18.65	18.83	18.78	20.00
		1	24	18.72	18.94	18.75	20.00
		12	0	18.51	18.88	18.66	20.00
		12	6	18.70	18.49	18.87	20.00
		12	13	18.80	18.53	18.74	20.00
		25	0	18.76	18.81	18.92	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	18.81	18.49	18.38	20.00
		1	25	18.83	18.63	18.49	20.00
		1	49	18.67	18.64	18.71	20.00
		25	0	18.69	18.68	18.64	20.00
		25	13	18.67	18.55	18.54	20.00
		25	25	18.73	18.49	18.51	20.00
		50	0	18.74	18.51	18.52	20.00
	16QAM	1	0	18.59	18.57	18.43	20.00
		1	25	18.71	18.50	18.58	20.00
		1	49	18.67	18.47	18.54	20.00
		25	0	18.61	18.53	18.62	20.00
		25	13	18.66	18.53	18.56	20.00
		25	25	18.76	18.47	18.52	20.00
		50	0	18.68	18.61	18.59	20.00
	64QAM	1	0	18.91	18.81	18.84	20.00
		1	25	18.65	18.74	18.67	20.00
		1	49	18.87	18.63	18.93	20.00
		25	0	18.95	18.59	18.72	20.00
		25	13	18.55	18.62	18.67	20.00
		25	25	18.87	18.91	18.90	20.00
		50	0	18.71	18.96	18.92	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.13	18.89	18.81	20.00
		1	38	19.18	18.70	18.68	20.00
		1	74	18.90	18.69	18.74	20.00
		36	0	18.63	18.51	18.50	20.00
		36	18	18.74	18.49	18.55	20.00
		36	39	18.75	18.51	18.50	20.00
		75	0	18.69	18.46	18.47	20.00
	16QAM	1	0	18.55	18.48	18.29	20.00
		1	38	18.60	18.57	18.52	20.00
		1	74	18.71	18.53	18.64	20.00
		36	0	18.55	18.54	18.55	20.00
		36	18	18.71	18.51	18.55	20.00
		36	39	18.78	18.50	18.49	20.00
		75	0	18.76	18.49	18.58	20.00
	64QAM	1	0	18.76	18.80	18.54	20.00
		1	38	18.66	18.61	18.54	20.00
		1	74	18.66	18.74	18.81	20.00
		36	0	18.71	18.69	18.93	20.00
		36	18	18.69	18.91	18.57	20.00
		36	39	18.83	18.68	18.64	20.00
		75	0	18.86	18.91	18.56	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.03	18.82	18.77	20.00
		1	50	19.17	19.03	19.01	20.00
		1	99	19.08	18.92	19.06	20.00
		50	0	18.53	18.49	18.45	20.00
		50	25	18.71	18.62	18.56	20.00
		50	50	**18.76**	18.51	18.43	20.00
		100	0	18.47	18.51	18.56	20.00
	16QAM	1	0	18.57	18.36	18.42	20.00
		1	50	18.72	18.56	18.48	20.00
		1	99	18.58	18.54	18.56	20.00
		50	0	18.58	18.59	18.53	20.00
		50	25	18.70	18.56	18.52	20.00
		50	50	18.77	18.45	18.39	20.00
		100	0	18.65	18.51	18.54	20.00
	64QAM	1	0	18.71	18.68	18.64	20.00
		1	50	18.86	18.53	18.57	20.00
		1	99	18.78	18.92	18.89	20.00
		50	0	18.79	18.52	18.94	20.00
		50	25	18.73	18.61	18.50	20.00
		50	50	18.60	18.55	18.54	20.00
		100	0	18.73	18.95	18.57	20.00

LTE FDD Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	23.35	23.38	23.33	25.00
		1	2	23.19	23.16	23.42	25.00
		1	5	23.09	23.16	23.14	25.00
		3	0	23.25	23.26	23.16	25.00
		3	2	23.25	23.20	23.33	25.00
		3	3	23.32	23.28	23.25	25.00
		6	0	22.25	22.25	22.25	24.00
	16QAM	1	0	22.22	22.43	22.77	24.00
		1	2	22.54	22.79	22.81	24.00
		1	5	22.38	22.37	22.13	24.00
		3	0	22.30	22.34	22.14	24.00
		3	2	22.12	22.26	22.32	24.00
		3	3	22.25	22.25	22.35	24.00
		6	0	21.48	21.32	21.30	23.00
	64QAM	1	0	21.17	21.16	21.17	23.00
		1	2	21.14	21.05	21.13	23.00
		1	5	21.06	21.07	21.14	23.00
		3	0	21.20	21.05	21.07	23.00
		3	2	21.15	21.17	21.16	23.00
		3	3	21.17	21.03	21.08	23.00
		6	0	20.08	20.10	20.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	23.24	23.26	23.15	25.00
		1	7	23.26	23.26	23.15	25.00
		1	14	23.26	23.24	23.31	25.00
		8	0	22.21	22.19	22.26	24.00
		8	4	22.26	22.26	22.24	24.00
		8	7	22.24	22.21	22.22	24.00
		15	0	22.26	22.21	22.29	24.00
	16QAM	1	0	22.34	22.74	22.34	24.00
		1	7	22.38	22.20	22.47	24.00
		1	14	22.63	22.41	22.37	24.00
		8	0	21.26	21.26	21.31	23.00
		8	4	21.28	21.32	21.37	23.00
		8	7	21.25	21.16	21.32	23.00
		15	0	21.17	21.23	21.27	23.00
	64QAM	1	0	21.11	21.09	21.15	23.00
		1	7	21.18	21.07	21.02	23.00
		1	14	21.07	21.20	21.07	23.00
		8	0	20.04	20.20	20.10	22.00
		8	4	20.14	20.13	20.07	22.00
		8	7	20.20	20.20	20.10	22.00
		15	0	20.13	20.01	20.20	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.25	23.24	23.28	25.00
		1	13	23.21	23.36	23.27	25.00
		1	24	23.39	23.25	23.37	25.00
		12	0	22.30	22.31	22.30	24.00
		12	6	22.29	22.31	22.27	24.00
		12	13	22.35	22.28	22.29	24.00
		25	0	22.29	22.26	22.29	24.00
	16QAM	1	0	22.39	22.78	22.37	24.00
		1	13	22.75	22.50	22.49	24.00
		1	24	22.88	22.50	22.81	24.00
		12	0	21.37	21.35	21.28	23.00
		12	6	21.22	21.29	21.21	23.00
		12	13	21.33	21.31	21.17	23.00
		25	0	21.27	21.27	21.20	23.00
	64QAM	1	0	21.05	21.18	21.02	23.00
		1	13	21.10	21.13	21.08	23.00
		1	24	21.04	21.03	21.10	23.00
		12	0	20.08	20.17	20.09	22.00
		12	6	20.03	20.02	20.12	22.00
		12	13	20.16	20.02	20.16	22.00
		25	0	20.14	20.08	20.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.13	23.18	23.10	25.00
		1	25	23.36	23.25	23.36	25.00
		1	49	23.37	23.39	23.33	25.00
		25	0	22.18	22.22	22.30	24.00
		25	13	22.27	22.27	22.30	24.00
		25	25	22.30	**22.31**	22.25	24.00
		50	0	22.33	22.26	22.33	24.00
	16QAM	1	0	22.79	22.39	22.44	24.00
		1	25	22.43	22.73	22.21	24.00
		1	49	22.87	22.48	22.55	24.00
		25	0	21.16	21.29	21.25	23.00
		25	13	21.29	21.23	21.28	23.00
		25	25	21.24	21.21	21.24	23.00
		50	0	21.27	21.19	21.21	23.00
	64QAM	1	0	21.17	21.01	21.19	23.00
		1	25	21.13	21.05	21.14	23.00
		1	49	21.01	21.20	21.17	23.00
		25	0	20.16	20.13	20.04	22.00
		25	13	20.09	20.16	20.11	22.00
		25	25	20.12	20.08	20.06	22.00
		50	0	20.05	20.07	20.10	22.00

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	23.20	23.14	23.15	25.00
		1	13	23.10	23.20	23.09	25.00
		1	24	23.26	23.23	23.21	25.00
		12	0	22.14	22.18	22.19	24.00
		12	6	22.22	22.16	22.14	24.00
		12	13	22.26	22.16	22.10	24.00
		25	0	22.20	22.14	22.19	24.00
	16QAM	1	0	22.17	22.81	22.87	24.00
		1	13	22.42	22.74	22.72	24.00
		1	24	22.30	22.88	22.87	24.00
		12	0	21.13	21.23	21.20	23.00
		12	6	21.21	21.08	21.19	23.00
		12	13	21.12	21.14	21.05	23.00
		25	0	21.22	21.20	21.13	23.00
	64QAM	1	0	21.11	21.11	21.08	23.00
		1	13	21.20	21.05	21.07	23.00
		1	24	21.15	21.01	21.15	23.00
		12	0	20.10	20.10	20.20	22.00
		12	6	20.06	20.07	20.14	22.00
		12	13	20.05	20.01	20.12	22.00
		25	0	20.12	20.10	20.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	23.01	23.02	23.03	25.00
		1	25	23.28	23.31	23.22	25.00
		1	49	23.18	23.14	23.18	25.00
		25	0	22.13	22.17	**22.19**	24.00
		25	13	22.17	22.15	22.18	24.00
		25	25	22.11	22.14	22.15	24.00
		50	0	22.21	22.21	22.17	24.00
	16QAM	1	0	22.71	22.68	22.68	24.00
		1	25	22.24	22.72	22.87	24.00
		1	49	22.47	22.13	22.52	24.00
		25	0	21.06	21.13	21.20	23.00
		25	13	21.15	21.12	21.12	23.00
		25	25	21.07	21.21	21.13	23.00
		50	0	21.11	21.19	21.14	23.00
	64QAM	1	0	21.18	21.07	21.20	23.00
		1	25	21.17	21.01	21.12	23.00
		1	49	21.15	21.01	21.06	23.00
		25	0	20.18	20.16	20.18	22.00
		25	13	20.04	20.07	20.11	22.00
		25	25	20.03	20.04	20.07	22.00
		50	0	20.03	20.18	20.06	22.00

LTE FDD Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	23.10	23.19	23.01	25.00
		1	2	23.14	23.00	23.13	25.00
		1	5	23.03	23.21	23.14	25.00
		3	0	23.22	23.03	23.10	25.00
		3	2	23.20	23.08	23.11	25.00
		3	3	23.09	23.14	23.11	25.00
		6	0	22.17	22.10	22.10	24.00
	16QAM	1	0	22.52	22.20	22.14	24.00
		1	2	22.06	22.61	22.38	24.00
		1	5	22.64	22.48	22.58	24.00
		3	0	22.20	22.04	22.19	24.00
		3	2	22.13	22.15	22.02	24.00
		3	3	22.20	22.02	22.03	24.00
		6	0	21.17	21.08	21.09	23.00
	64QAM	1	0	21.02	21.06	21.12	23.00
		1	2	21.11	21.09	21.17	23.00
		1	5	21.15	21.15	21.14	23.00
		3	0	21.10	21.05	21.12	23.00
		3	2	21.02	21.15	21.14	23.00
		3	3	21.16	21.18	21.03	23.00
		6	0	20.10	20.15	20.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	23.06	23.10	23.18	25.00
		1	7	23.08	23.15	23.13	25.00
		1	14	23.09	23.06	23.10	25.00
		8	0	22.10	22.08	22.10	24.00
		8	4	22.05	22.08	22.04	24.00
		8	7	22.14	22.02	22.05	24.00
		15	0	22.13	22.09	22.11	24.00
	16QAM	1	0	22.33	22.51	22.57	24.00
		1	7	22.22	22.31	22.64	24.00
		1	14	22.11	22.21	22.58	24.00
		8	0	21.18	21.18	21.14	23.00
		8	4	21.24	21.04	21.21	23.00
		8	7	21.10	21.19	21.15	23.00
		15	0	21.07	21.14	21.06	23.00
	64QAM	1	0	21.20	21.15	21.15	23.00
		1	7	21.11	21.12	21.05	23.00
		1	14	21.09	21.05	21.02	23.00
		8	0	20.06	20.05	20.01	22.00
		8	4	20.11	20.19	20.07	22.00
		8	7	20.17	20.02	20.03	22.00

		15	0	20.12	20.11	20.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.09	23.13	23.09	25.00
		1	13	23.17	23.20	23.07	25.00
		1	24	23.23	23.12	23.16	25.00
		12	0	22.18	22.17	22.17	24.00
		12	6	22.17	22.15	22.13	24.00
		12	13	22.18	22.10	22.13	24.00
		25	0	22.19	22.16	22.13	24.00
	16QAM	1	0	22.20	22.53	22.23	24.00
		1	13	22.18	22.13	22.62	24.00
		1	24	22.71	22.31	22.59	24.00
		12	0	21.09	21.16	21.17	23.00
		12	6	21.11	21.15	21.12	23.00
		12	13	21.11	21.12	21.01	23.00
		25	0	21.20	21.21	21.09	23.00
	64QAM	1	0	21.07	21.13	21.15	23.00
		1	13	21.06	21.04	21.10	23.00
		1	24	21.16	21.20	21.04	23.00
		12	0	20.05	20.11	20.07	22.00
		12	6	20.14	20.06	20.02	22.00
		12	13	20.16	20.15	20.16	22.00
		25	0	20.08	20.08	20.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.15	23.05	23.02	25.00
		1	25	23.14	23.09	23.16	25.00
		1	49	23.09	23.09	23.00	25.00
		25	0	22.16	22.19	22.14	24.00
		25	13	22.09	22.10	22.13	24.00
		25	25	22.19	22.11	22.13	24.00
		50	0	22.23	22.20	22.15	24.00
	16QAM	1	0	22.56	22.01	22.07	24.00
		1	25	22.14	22.40	22.39	24.00
		1	49	22.09	22.30	22.10	24.00
		25	0	21.10	21.08	21.09	23.00
		25	13	21.16	21.08	21.08	23.00
		25	25	21.17	21.13	21.07	23.00
		50	0	21.17	21.12	21.19	23.00
	64QAM	1	0	21.01	21.02	21.08	23.00
		1	25	21.04	21.12	21.16	23.00
		1	49	21.16	21.10	21.16	23.00
		25	0	20.03	20.03	20.17	22.00
		25	13	20.10	20.11	20.01	22.00
		25	25	20.09	20.03	20.05	22.00
		50	0	20.06	20.02	20.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.07	23.08	23.10	25.00

		1	38	23.11	23.05	23.04	25.00
		1	74	23.18	23.22	23.19	25.00
		36	0	22.05	**22.13**	22.01	24.00
		36	18	22.09	22.10	22.10	24.00
		36	39	22.11	22.10	22.06	24.00
		75	0	22.07	22.12	22.10	24.00
	16QAM	1	0	22.16	22.15	22.12	24.00
		1	38	22.30	22.24	22.31	24.00
		1	74	22.60	22.53	22.51	24.00
		36	0	21.11	21.09	21.07	23.00
		36	18	21.10	21.04	21.07	23.00
		36	39	21.13	21.13	21.05	23.00
		75	0	21.08	21.13	21.06	23.00
	64QAM	1	0	21.12	21.03	21.16	23.00
		1	38	21.11	21.06	21.04	23.00
		1	74	21.05	21.04	21.04	23.00
		36	0	20.13	20.18	20.15	22.00
		36	18	20.13	20.04	20.06	22.00
		36	39	20.12	20.01	20.14	22.00
		75	0	20.14	20.13	20.12	22.00

LTE Band 38 Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	23.56	23.50	23.48	25.00
		1	13	23.53	23.49	23.48	25.00
		1	24	23.52	23.49	23.47	25.00
		12	0	22.54	22.50	22.47	24.00
		12	6	22.49	22.47	22.51	24.00
		12	13	22.48	22.46	22.45	24.00
		25	0	22.49	22.50	22.50	24.00
	16QAM	1	0	22.52	22.48	22.49	24.00
		1	13	22.58	22.42	22.45	24.00
		1	24	22.53	22.50	22.50	24.00
		12	0	21.46	21.45	21.42	23.00
		12	6	21.42	21.39	21.41	23.00
		12	13	21.44	21.39	21.34	23.00
		25	0	21.51	21.53	21.47	23.00
	64QAM	1	0	21.22	21.26	21.26	23.00
		1	13	21.10	21.27	21.25	23.00
		1	24	21.12	21.11	21.23	23.00
		12	0	20.14	20.10	20.22	22.00
		12	6	20.15	20.13	20.20	22.00
		12	13	20.18	20.21	20.15	22.00
		25	0	20.20	20.08	20.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	23.55	23.52	23.44	25.00
		1	25	23.53	23.44	23.45	25.00
		1	49	23.54	23.49	23.46	25.00
		25	0	22.51	22.51	22.44	24.00
		25	13	22.48	22.48	22.38	24.00
		25	25	22.49	22.40	22.43	24.00
		50	0	22.48	22.41	22.49	24.00
	16QAM	1	0	22.51	22.44	22.43	24.00
		1	25	22.52	22.47	22.52	24.00
		1	49	22.54	22.43	22.47	24.00
		25	0	21.54	21.50	21.53	23.00
		25	13	21.56	21.47	21.40	23.00
		25	25	21.51	21.44	21.51	23.00
		50	0	21.46	21.40	21.46	23.00
	64QAM	1	0	21.28	21.32	21.22	23.00
		1	25	21.32	21.09	21.17	23.00
		1	49	21.13	21.22	21.08	23.00
		25	0	20.11	20.12	20.09	22.00
		25	13	20.11	20.21	20.20	22.00
		25	25	20.07	20.09	20.22	22.00

		50	0	20.16	20.08	20.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.50	23.45	23.39	25.00
		1	38	23.53	23.58	23.46	25.00
		1	74	23.48	23.41	23.43	25.00
		36	0	22.46	22.38	22.39	24.00
		36	18	22.42	22.39	22.37	24.00
		36	39	22.41	22.37	22.37	24.00
		75	0	22.48	22.46	22.40	24.00
	16QAM	1	0	22.49	22.45	22.43	24.00
		1	38	22.47	22.46	22.45	24.00
		1	74	22.49	22.46	22.43	24.00
		36	0	21.41	21.41	21.35	23.00
		36	18	21.42	21.37	21.40	23.00
		36	39	21.41	21.35	21.40	23.00
		75	0	21.41	21.37	21.46	23.00
	64QAM	1	0	21.27	21.13	21.18	23.00
		1	38	21.15	21.16	21.10	23.00
		1	74	21.20	21.32	21.25	23.00
		36	0	20.15	20.11	20.09	22.00
		36	18	20.14	20.10	20.09	22.00
		36	39	20.22	20.22	20.15	22.00
		75	0	20.10	20.13	20.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.42	23.56	23.40	25.00
		1	50	23.55	23.41	23.44	25.00
		1	99	23.42	23.36	23.37	25.00
		50	0	22.52	22.44	22.42	24.00
		50	25	22.51	22.50	**22.53**	24.00
		50	50	22.49	22.36	22.43	24.00
		100	0	22.47	22.46	22.43	24.00
	16QAM	1	0	22.44	22.37	22.36	24.00
		1	50	22.55	22.48	22.47	24.00
		1	99	22.42	22.33	22.40	24.00
		50	0	21.50	21.46	21.47	23.00
		50	25	21.49	21.48	21.52	23.00
		50	50	21.51	21.37	21.47	23.00
		100	0	21.45	21.45	21.48	23.00
	64QAM	1	0	21.12	21.29	21.19	23.00
		1	50	21.14	21.27	21.14	23.00
		1	99	21.07	21.13	21.16	23.00
		50	0	20.15	20.16	20.18	22.00
		50	25	20.08	20.21	20.20	22.00
		50	50	20.20	20.15	20.10	22.00
		100	0	20.21	20.11	20.08	22.00

LTE Band 38 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	21.56	21.51	21.55	23.00
		1	13	21.58	21.61	21.53	23.00
		1	24	21.53	21.58	21.54	23.00
		12	0	21.64	21.51	21.58	23.00
		12	6	21.56	21.52	21.58	23.00
		12	13	21.59	21.62	21.56	23.00
		25	0	21.54	21.61	21.59	23.00
	16QAM	1	0	21.59	21.59	21.61	23.00
		1	13	21.62	21.60	21.57	23.00
		1	24	21.57	21.62	21.62	23.00
		12	0	21.51	21.49	21.51	23.00
		12	6	21.49	21.52	21.51	23.00
		12	13	21.51	21.55	21.48	23.00
		25	0	21.58	21.59	21.60	23.00
	64QAM	1	0	21.60	21.61	21.56	23.00
		1	13	21.53	21.54	21.53	23.00
		1	24	21.45	21.51	21.52	23.00
		12	0	21.44	21.62	21.59	23.00
		12	6	21.55	21.53	21.48	23.00
		12	13	21.38	21.38	21.62	23.00
		25	0	21.39	21.48	21.54	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	21.57	21.61	21.53	23.00
		1	25	21.56	21.61	21.58	23.00
		1	49	21.54	21.54	21.59	23.00
		25	0	21.60	21.58	21.54	23.00
		25	13	21.59	21.61	21.58	23.00
		25	25	21.56	21.58	21.59	23.00
		50	0	21.61	21.52	21.64	23.00
	16QAM	1	0	21.54	21.61	21.49	23.00
		1	25	21.53	21.59	21.56	23.00
		1	49	21.54	21.55	21.54	23.00
		25	0	21.53	21.55	21.62	23.00
		25	13	21.49	21.60	21.54	23.00
		25	25	21.58	21.52	21.57	23.00
		50	0	21.58	21.59	21.54	23.00
	64QAM	1	0	21.50	21.47	21.46	23.00
		1	25	21.56	21.62	21.38	23.00
		1	49	21.57	21.62	21.48	23.00
		25	0	21.43	21.39	21.61	23.00
		25	13	21.62	21.53	21.48	23.00
		25	25	21.54	21.39	21.52	23.00

		50	0	21.48	21.38	21.37	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.57	21.55	21.52	23.00
		1	38	21.58	21.59	21.61	23.00
		1	74	21.59	21.58	21.56	23.00
		36	0	21.52	21.52	21.48	23.00
		36	18	21.52	21.50	21.46	23.00
		36	39	21.56	21.53	21.54	23.00
		75	0	21.53	21.51	21.56	23.00
	16QAM	1	0	21.52	21.53	21.51	23.00
		1	38	21.55	21.59	21.54	23.00
		1	74	21.53	21.53	21.52	23.00
		36	0	21.47	21.52	21.52	23.00
		36	18	21.54	21.60	21.53	23.00
		36	39	21.50	21.58	21.51	23.00
		75	0	21.51	21.58	21.53	23.00
	64QAM	1	0	21.55	21.55	21.48	23.00
		1	38	21.38	21.56	21.40	23.00
		1	74	21.58	21.56	21.50	23.00
		36	0	21.60	21.58	21.40	23.00
		36	18	21.47	21.45	21.45	23.00
		36	39	21.45	21.48	21.56	23.00
		75	0	21.37	21.62	21.50	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.49	21.49	21.49	23.00
		1	50	21.58	21.66	21.54	23.00
		1	99	21.49	21.49	21.54	23.00
		50	0	21.58	21.58	**21.62**	23.00
		50	25	21.54	21.61	21.56	23.00
		50	50	21.61	21.50	21.56	23.00
		100	0	21.61	21.58	21.59	23.00
	16QAM	1	0	21.45	21.45	21.49	23.00
		1	50	21.55	21.61	21.54	23.00
		1	99	21.50	21.44	21.45	23.00
		50	0	21.50	21.61	21.64	23.00
		50	25	21.60	21.52	21.62	23.00
		50	50	21.56	21.52	21.55	23.00
		100	0	21.48	21.62	21.59	23.00
	64QAM	1	0	21.61	21.37	21.46	23.00
		1	50	21.41	21.41	21.45	23.00
		1	99	21.45	21.61	21.51	23.00
		50	0	21.45	21.60	21.37	23.00
		50	25	21.58	21.41	21.59	23.00
		50	50	21.47	21.39	21.50	23.00
		100	0	21.51	21.57	21.51	23.00

LTE Band 41(class 3) Hotspot off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	22.50	22.48	22.50	22.36	22.35	24.00
		1	13	22.48	22.44	22.54	22.36	22.35	24.00
		1	24	22.48	22.41	22.51	22.38	22.29	24.00
		12	0	21.47	21.44	21.47	21.42	21.35	23.00
		12	6	21.50	21.39	21.47	21.35	21.32	23.00
		12	13	21.46	21.40	21.39	21.34	21.28	23.00
		25	0	21.49	21.40	21.40	21.42	21.29	23.00
	16QAM	1	0	21.51	21.46	21.52	21.41	21.33	23.00
		1	13	21.52	21.40	21.53	21.41	21.33	23.00
		1	24	21.49	21.42	21.46	21.43	21.32	23.00
		12	0	20.46	20.35	20.44	20.32	20.30	22.00
		12	6	20.45	20.37	20.42	20.30	20.27	22.00
		12	13	20.43	20.35	20.36	20.33	20.20	22.00
		25	0	20.51	20.42	20.44	20.38	20.28	22.00
	64QAM	1	0	20.30	20.20	20.14	20.07	20.15	22.00
		1	13	20.14	20.04	20.14	20.03	20.28	22.00
		1	24	20.31	20.23	20.23	20.12	20.08	22.00
		12	0	19.20	19.10	19.12	19.03	19.22	21.00
		12	6	19.08	19.05	19.21	19.11	19.17	21.00
		12	13	19.22	19.17	19.08	19.02	19.18	21.00
		25	0	19.11	19.05	19.10	19.02	19.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	22.50	22.40	22.48	22.39	22.32	24.00
		1	25	22.48	22.36	22.52	22.39	22.34	24.00
		1	49	22.46	22.37	22.47	22.39	22.30	24.00
		25	0	21.45	21.41	21.46	21.34	21.33	23.00
		25	13	21.48	21.40	21.44	21.30	21.31	23.00
		25	25	21.42	21.37	21.51	21.35	21.33	23.00
		50	0	21.47	21.35	21.51	21.40	21.38	23.00
	16QAM	1	0	21.49	21.43	21.49	21.39	21.34	23.00
		1	25	21.50	21.40	21.51	21.40	21.42	23.00
		1	49	21.51	21.40	21.51	21.39	21.30	23.00
		25	0	20.49	20.39	20.46	20.43	20.40	22.00
		25	13	20.52	20.38	20.45	20.35	20.33	22.00
		25	25	20.48	20.37	20.46	20.41	20.33	22.00
		50	0	20.43	20.45	20.44	20.41	20.41	22.00
	64QAM	1	0	20.25	20.14	20.09	20.01	20.29	22.00
		1	25	20.23	20.13	20.07	20.01	20.27	22.00
		1	49	20.14	20.07	20.14	20.06	20.21	22.00
		25	0	19.20	19.14	19.10	19.04	19.20	21.00
		25	13	19.21	19.11	19.08	19.00	19.21	21.00
		25	25	19.18	19.09	19.20	19.15	19.20	21.00

		50	0	19.10	19.01	19.12	19.02	19.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.47	22.38	22.49	22.39	22.37	24.00
		1	38	22.46	22.43	22.51	22.37	22.37	24.00
		1	74	22.45	22.43	22.50	22.40	22.36	24.00
		36	0	21.46	21.39	21.45	21.33	21.36	23.00
		36	18	21.46	21.41	21.49	21.46	21.45	23.00
		36	39	21.52	21.44	21.50	21.47	21.41	23.00
		75	0	21.52	21.44	21.49	21.39	21.43	23.00
	16QAM	1	0	21.51	21.40	21.52	21.43	21.40	23.00
		1	38	21.50	21.40	21.50	21.43	21.36	23.00
		1	74	21.48	21.41	21.52	21.43	21.38	23.00
		36	0	20.45	20.39	20.45	20.38	20.37	22.00
		36	18	20.47	20.40	20.45	20.37	20.37	22.00
		36	39	20.47	20.38	20.47	20.45	20.38	22.00
		75	0	20.49	20.39	20.46	20.39	20.39	22.00
	64QAM	1	0	20.16	20.07	20.21	20.14	20.15	22.00
		1	38	20.30	20.23	20.28	20.23	20.22	22.00
		1	74	20.12	20.02	20.12	20.01	20.18	22.00
		36	0	19.12	19.01	19.10	19.04	19.21	21.00
		36	18	19.09	19.00	19.21	19.14	19.09	21.00
		36	39	19.19	19.08	19.07	19.02	19.10	21.00
		75	0	19.10	19.00	19.17	19.12	19.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.47	22.42	22.37	22.36	22.39	24.00
		1	50	22.50	22.43	22.52	22.33	22.36	24.00
		1	99	22.42	22.34	22.37	22.30	22.18	24.00
		50	0	21.46	21.42	**21.56**	21.42	21.38	23.00
		50	25	21.51	21.42	21.54	21.42	21.41	23.00
		50	50	21.50	21.36	21.52	21.41	21.37	23.00
		100	0	21.47	21.39	21.51	21.44	21.36	23.00
	16QAM	1	0	21.50	21.37	21.40	21.36	21.37	23.00
		1	50	21.58	21.41	21.54	21.44	21.36	23.00
		1	99	21.46	21.38	21.39	21.30	21.15	23.00
		50	0	20.48	20.38	20.47	20.41	20.41	22.00
		50	25	20.54	20.47	20.53	20.36	20.43	22.00
		50	50	20.55	20.39	20.44	20.42	20.30	22.00
		100	0	20.45	20.35	20.42	20.41	20.37	22.00
	64QAM	1	0	20.09	20.15	20.24	20.15	20.32	22.00
		1	50	20.17	20.08	20.29	20.19	20.30	22.00
		1	99	20.07	20.13	20.15	20.08	20.19	22.00
		50	0	19.18	19.12	19.18	19.11	19.08	21.00
		50	25	19.21	19.14	19.21	19.13	19.17	21.00
		50	50	19.20	19.10	19.21	19.12	19.12	21.00
		100	0	19.18	19.07	19.10	19.05	19.07	21.00

LTE Band 41(class 3) Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	20.03	20.10	19.93	20.04	20.15	21.50
		1	13	20.05	20.18	19.92	20.23	20.11	21.50
		1	24	19.98	20.10	19.87	20.09	20.10	21.50
		12	0	20.05	20.07	20.05	20.00	20.16	21.50
		12	6	20.13	20.03	19.99	19.98	20.01	21.50
		12	13	20.02	20.02	20.00	20.01	20.10	21.50
		25	0	20.03	20.08	19.97	20.13	20.20	21.50
	16QAM	1	0	20.11	20.07	19.99	20.16	20.21	21.50
		1	13	20.12	20.06	19.97	20.14	20.20	21.50
		1	24	20.09	20.05	20.00	20.17	20.17	21.50
		12	0	20.02	20.05	19.95	20.17	20.10	21.50
		12	6	20.06	20.07	19.94	20.09	20.02	21.50
		12	13	19.96	20.05	19.93	19.97	20.16	21.50
		25	0	20.08	20.09	19.95	20.06	20.08	21.50
	64QAM	1	0	20.09	20.00	20.06	19.95	19.92	21.50
		1	13	20.02	19.96	20.11	20.05	19.99	21.50
		1	24	19.96	19.86	20.03	19.98	20.09	21.50
		12	0	20.05	20.00	19.90	19.85	19.87	21.50
		12	6	19.88	19.83	20.04	19.93	20.01	21.50
		12	13	19.91	19.81	19.98	19.87	20.04	21.50
		25	0	19.96	19.90	20.10	20.04	20.00	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	20.07	20.12	20.00	20.10	20.05	21.50
		1	25	20.09	20.10	20.04	20.11	20.07	21.50
		1	49	20.07	20.02	19.93	20.08	20.04	21.50
		25	0	20.09	20.09	20.00	20.06	20.00	21.50
		25	13	20.10	20.06	20.06	20.06	20.19	21.50
		25	25	20.05	20.07	20.05	20.16	20.15	21.50
		50	0	20.08	20.06	19.99	20.12	20.14	21.50
	16QAM	1	0	19.99	20.11	19.92	20.12	19.82	21.50
		1	25	20.01	20.12	19.94	20.11	19.90	21.50
		1	49	20.03	20.07	19.91	20.16	20.05	21.50
		25	0	20.05	20.02	19.98	20.12	19.89	21.50
		25	13	20.04	20.03	19.98	20.10	20.11	21.50
		25	25	20.10	20.04	20.01	20.13	20.12	21.50
		50	0	20.02	20.12	19.98	20.13	20.06	21.50
	64QAM	1	0	19.97	19.86	20.10	20.01	19.96	21.50
		1	25	20.02	19.95	19.96	19.85	20.01	21.50
		1	49	19.91	19.86	20.09	20.00	20.08	21.50
		25	0	19.99	19.90	20.07	20.02	19.91	21.50
		25	13	20.12	20.02	20.02	19.93	19.92	21.50
		25	25	20.12	20.07	19.90	19.83	19.93	21.50

		50	0	19.98	19.90	19.99	19.94	20.00	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.04	20.12	19.93	20.15	20.27	21.50
		1	38	20.09	20.07	19.94	20.22	20.21	21.50
		1	74	20.00	20.08	19.86	20.08	20.08	21.50
		36	0	20.01	20.03	19.96	19.97	19.96	21.50
		36	18	20.04	20.05	19.93	20.06	20.13	21.50
		36	39	20.04	20.05	19.89	20.20	20.03	21.50
		75	0	20.10	20.10	19.94	20.10	20.10	21.50
	16QAM	1	0	20.13	20.10	19.95	20.15	20.15	21.50
		1	38	20.14	20.10	20.00	20.13	20.06	21.50
		1	74	20.06	20.05	19.90	20.11	19.97	21.50
		36	0	20.01	20.05	19.91	20.01	20.18	21.50
		36	18	20.03	20.08	19.88	20.17	20.10	21.50
		36	39	20.06	19.99	19.91	20.06	20.12	21.50
		75	0	20.07	20.01	19.90	19.98	19.93	21.50
	64QAM	1	0	20.05	19.96	19.87	19.78	20.03	21.50
		1	38	19.89	19.83	19.87	19.77	19.93	21.50
		1	74	19.88	19.80	19.99	19.92	19.88	21.50
		36	0	19.94	19.89	20.00	19.89	20.03	21.50
		36	18	19.94	19.83	19.94	19.85	19.89	21.50
		36	39	19.97	19.86	20.03	19.96	20.08	21.50
		75	0	19.92	19.87	20.09	20.03	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.06	19.95	20.35	19.90	19.95	21.50
		1	50	20.14	20.06	20.02	20.07	20.15	21.50
		1	99	20.02	19.96	19.87	19.88	19.95	21.50
		50	0	20.07	20.13	19.93	20.15	20.07	21.50
		50	25	20.07	20.07	19.98	20.22	20.19	21.50
		50	50	20.13	20.09	**20.24**	20.15	20.20	21.50
		100	0	20.04	20.07	19.94	20.18	20.12	21.50
	16QAM	1	0	19.98	20.02	19.82	20.11	19.87	21.50
		1	50	20.07	20.13	19.93	20.23	20.11	21.50
		1	99	19.95	20.03	19.82	20.09	20.05	21.50
		50	0	20.04	20.05	19.92	20.14	20.19	21.50
		50	25	20.10	20.05	19.95	20.11	20.03	21.50
		50	50	20.14	20.07	19.99	20.10	20.11	21.50
		100	0	20.02	20.07	20.02	20.06	20.12	21.50
	64QAM	1	0	19.89	19.84	20.09	19.99	19.87	21.50
		1	50	20.06	19.98	20.11	20.02	20.03	21.50
		1	99	20.08	20.00	20.03	19.97	19.91	21.50
		50	0	20.02	19.95	19.93	19.82	19.90	21.50
		50	25	20.01	19.92	20.07	20.02	19.90	21.50
		50	50	20.08	20.02	20.09	20.03	20.06	21.50
		100	0	19.91	19.83	20.06	19.98	20.10	21.50

LTE Band 41(class 2) Hotspot off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	25.63	25.62	25.67	25.37	25.48	27.00
		1	13	25.60	25.61	25.68	25.35	25.42	27.00
		1	24	25.59	25.62	25.70	25.39	25.49	27.00
		12	0	24.70	24.68	24.74	24.43	24.51	26.00
		12	6	24.67	24.66	24.71	24.45	24.51	26.00
		12	13	24.65	24.61	24.69	24.46	24.55	26.00
		25	0	24.68	24.62	24.68	24.41	24.47	26.00
	16QAM	1	0	24.80	24.68	24.76	24.48	24.58	26.00
		1	13	24.79	24.64	24.75	24.46	24.51	26.00
		1	24	24.78	24.66	24.75	24.51	24.59	26.00
		12	0	23.66	23.62	23.67	23.47	23.54	25.00
		12	6	23.61	23.52	23.62	23.45	23.55	25.00
		12	13	23.58	23.49	23.59	23.50	23.57	25.00
		25	0	23.75	23.67	23.75	23.53	23.63	25.00
	64QAM	1	0	23.26	23.18	23.17	23.09	23.36	25.00
		1	13	23.29	23.24	23.19	23.08	23.28	25.00
		1	24	23.19	23.13	23.36	23.27	23.21	25.00
		12	0	22.22	22.15	22.18	22.12	22.31	24.00
		12	6	22.32	22.25	22.19	22.12	22.27	24.00
		12	13	22.28	22.18	22.30	22.25	22.28	24.00
		25	0	22.20	22.12	22.17	22.08	22.24	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	25.59	25.56	25.64	25.37	25.43	27.00
		1	25	25.56	25.56	25.63	25.36	25.47	27.00
		1	49	25.53	25.51	25.59	25.39	25.49	27.00
		25	0	24.67	24.62	24.67	24.38	24.45	26.00
		25	13	24.65	24.62	24.68	24.29	24.39	26.00
		25	25	24.66	24.57	24.67	24.36	24.41	26.00
		50	0	24.68	24.66	24.74	24.27	24.38	26.00
	16QAM	1	0	24.71	24.58	24.68	24.26	24.34	26.00
		1	25	24.70	24.60	24.69	24.22	24.31	26.00
		1	49	24.68	24.57	24.67	24.28	24.37	26.00
		25	0	23.71	23.58	23.68	23.28	23.39	25.00
		25	13	23.64	23.56	23.64	23.22	23.31	25.00
		25	25	23.65	23.58	23.65	23.29	23.36	25.00
		50	0	23.61	23.55	23.66	23.29	23.38	25.00
	64QAM	1	0	23.19	23.12	23.38	23.31	23.17	25.00
		1	25	23.23	23.17	23.22	23.14	23.27	25.00
		1	49	23.19	23.09	23.22	23.15	23.23	25.00
		25	0	22.32	22.26	22.24	22.17	22.31	24.00
		25	13	22.24	22.15	22.19	22.09	22.28	24.00
		25	25	22.23	22.15	22.25	22.14	22.31	24.00

		50	0	22.23	22.13	22.27	22.19	22.31	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.59	25.55	25.61	25.19	25.28	27.00
		1	38	25.61	25.57	25.62	25.10	25.21	27.00
		1	74	25.54	25.47	25.52	25.22	25.31	27.00
		36	0	24.66	24.58	24.66	24.18	24.29	26.00
		36	18	24.67	24.56	24.64	24.26	24.32	26.00
		36	39	24.69	24.52	24.62	24.17	24.27	26.00
		75	0	24.65	24.57	24.68	24.27	24.33	26.00
	16QAM	1	0	24.61	24.45	24.54	24.48	24.58	26.00
		1	38	24.63	24.38	24.46	24.41	24.51	26.00
		1	74	24.55	24.64	24.75	24.47	24.54	26.00
		36	0	23.69	23.66	23.71	23.32	23.40	25.00
		36	18	23.68	23.62	23.71	23.29	23.39	25.00
		36	39	23.72	23.57	23.65	23.36	23.43	25.00
		75	0	23.67	23.58	23.65	23.31	23.40	25.00
	64QAM	1	0	23.32	23.24	23.20	23.14	23.27	25.00
		1	38	23.32	23.25	23.32	23.27	23.24	25.00
		1	74	23.35	23.28	23.40	23.31	23.26	25.00
		36	0	22.18	22.08	22.30	22.22	22.24	24.00
		36	18	22.17	22.12	22.25	22.19	22.30	24.00
		36	39	22.28	22.17	22.28	22.18	22.19	24.00
		75	0	22.23	22.18	22.24	22.19	22.19	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	25.57	25.43	25.53	25.27	25.34	27.00
		1	50	25.63	25.59	25.64	25.24	25.31	27.00
		1	99	25.52	25.40	25.50	25.19	25.29	27.00
		50	0	24.69	24.59	24.68	24.30	24.35	26.00
		50	25	24.71	24.64	24.71	24.17	24.27	26.00
		50	50	24.76	24.53	24.59	24.18	24.29	26.00
		100	0	24.69	24.55	24.66	24.24	24.35	26.00
	16QAM	1	0	24.61	24.65	24.74	24.35	24.43	26.00
		1	50	24.55	24.72	24.78	24.40	24.45	26.00
		1	99	24.75	24.56	24.64	24.31	24.41	26.00
		50	0	23.71	23.59	23.69	23.36	23.44	25.00
		50	25	23.73	23.64	23.73	23.42	23.47	25.00
		50	50	23.77	23.63	23.71	23.32	23.41	25.00
		100	0	23.71	23.61	23.72	23.43	23.53	25.00
	64QAM	1	0	23.34	23.29	23.18	23.08	23.41	25.00
		1	50	23.21	23.14	23.35	23.30	23.22	25.00
		1	99	23.38	23.32	23.35	23.24	23.21	25.00
		50	0	22.20	22.09	22.28	22.21	22.19	24.00
		50	25	22.19	22.09	22.25	22.19	22.20	24.00
		50	50	22.20	22.14	22.24	22.17	22.23	24.00
		100	0	22.21	22.15	22.29	22.19	22.27	24.00

LTE Band 41(class 2) Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	23.23	23.31	23.30	23.24	23.38	23.50
		1	13	23.36	23.34	23.43	23.34	23.37	23.50
		1	24	23.38	23.31	23.42	23.44	23.22	23.50
		12	0	23.20	23.08	23.05	23.17	23.12	23.50
		12	6	23.14	23.09	23.05	23.02	23.12	23.50
		12	13	23.07	23.05	23.17	23.08	23.18	23.50
		25	0	23.18	23.18	23.27	23.26	23.11	23.50
	16QAM	1	0	23.26	23.17	23.28	23.18	23.29	23.50
		1	13	23.27	23.19	23.11	23.27	23.15	23.50
		1	24	23.19	23.15	23.17	23.23	23.30	23.50
		12	0	23.14	23.14	23.21	23.19	23.12	23.50
		12	6	23.08	23.13	23.27	23.04	23.27	23.50
		12	13	23.04	23.10	23.08	23.11	23.03	23.50
		25	0	23.11	23.11	23.03	23.21	23.13	23.50
	64QAM	1	0	22.53	22.45	22.62	22.57	22.55	23.50
		1	13	22.52	22.46	22.46	22.35	22.61	23.50
		1	24	22.46	22.35	22.52	22.43	22.55	23.50
		12	0	22.53	22.45	22.43	22.36	22.59	23.50
		12	6	22.50	22.44	22.56	22.51	22.53	23.50
		12	13	22.45	22.40	22.45	22.39	22.62	23.50
		25	0	22.47	22.38	22.61	22.52	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	23.24	23.41	23.42	23.39	23.39	23.50
		1	25	23.36	23.27	23.42	23.26	23.43	23.50
		1	49	23.29	23.22	23.40	23.44	23.36	23.50
		25	0	23.18	23.17	23.08	23.15	23.15	23.50
		25	13	23.18	23.21	23.02	22.99	23.13	23.50
		25	25	23.02	23.13	23.18	23.19	23.06	23.50
		50	0	23.20	23.32	23.18	23.22	23.21	23.50
	16QAM	1	0	23.08	23.32	23.11	23.27	23.26	23.50
		1	25	23.14	23.20	23.23	23.24	23.33	23.50
		1	49	23.30	23.13	23.11	23.18	23.20	23.50
		25	0	23.10	23.22	23.26	23.26	23.08	23.50
		25	13	23.12	23.06	23.26	23.17	23.25	23.50
		25	25	23.19	23.11	23.03	23.23	23.16	23.50
		50	0	23.04	23.01	23.25	23.05	23.19	23.50
	64QAM	1	0	22.48	22.37	22.60	22.55	22.37	23.50
		1	25	22.56	22.51	22.49	22.39	22.60	23.50
		1	49	22.41	22.30	22.56	22.46	22.48	23.50
		25	0	22.41	22.31	22.51	22.46	22.48	23.50
		25	13	22.53	22.42	22.49	22.40	22.53	23.50
		25	25	22.41	22.31	22.59	22.52	22.49	23.50

		50	0	22.59	22.51	22.54	22.46	22.53	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.25	23.30	23.22	23.36	23.31	23.50
		1	38	23.35	23.30	23.31	23.38	23.30	23.50
		1	74	23.33	23.33	23.40	23.36	23.26	23.50
		36	0	23.20	23.13	23.14	23.09	23.10	23.50
		36	18	23.12	23.21	23.19	23.22	23.15	23.50
		36	39	23.10	23.08	23.14	23.15	23.02	23.50
		75	0	23.29	23.24	23.10	23.26	23.29	23.50
	16QAM	1	0	23.26	23.32	23.23	23.27	23.25	23.50
		1	38	23.09	23.21	23.27	23.14	23.15	23.50
		1	74	23.17	23.16	23.16	23.06	23.19	23.50
		36	0	23.20	23.08	23.11	23.18	23.08	23.50
		36	18	23.08	23.04	23.06	23.06	23.14	23.50
		36	39	23.22	23.05	23.12	23.08	23.09	23.50
		75	0	23.14	23.16	23.19	23.25	23.24	23.50
	64QAM	1	0	22.56	22.47	22.46	22.41	22.48	23.50
		1	38	22.48	22.41	22.37	22.26	22.54	23.50
		1	74	22.39	22.28	22.47	22.40	22.50	23.50
		36	0	22.45	22.40	22.45	22.39	22.47	23.50
		36	18	22.37	22.31	22.39	22.30	22.61	23.50
		36	39	22.38	22.29	22.62	22.53	22.50	23.50
		75	0	22.42	22.32	22.55	22.45	22.41	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.34	23.42	23.31	23.42	23.32	23.50
		1	50	23.28	23.34	23.49	23.31	23.29	23.50
		1	99	23.24	23.28	23.24	23.22	23.26	23.50
		50	0	23.08	23.07	23.05	23.08	23.01	23.50
		50	25	23.23	23.15	23.24	23.09	23.08	23.50
		50	50	23.17	22.98	**23.27**	22.99	23.17	23.50
		100	0	23.17	23.11	23.27	23.15	23.32	23.50
	16QAM	1	0	23.13	23.16	23.30	23.15	23.12	23.50
		1	50	23.09	23.33	23.14	23.12	23.17	23.50
		1	99	23.06	23.05	23.19	23.15	23.13	23.50
		50	0	23.28	23.20	23.10	23.05	23.29	23.50
		50	25	23.09	23.03	23.09	23.03	23.23	23.50
		50	50	23.09	23.21	23.10	23.18	23.21	23.50
		100	0	23.03	23.14	23.09	23.06	23.21	23.50
	64QAM	1	0	22.55	22.50	22.51	22.43	22.56	23.50
		1	50	22.38	22.31	22.47	22.41	22.39	23.50
		1	99	22.60	22.53	22.61	22.54	22.56	23.50
		50	0	22.51	22.46	22.45	22.35	22.37	23.50
		50	25	22.54	22.43	22.62	22.56	22.53	23.50
		50	50	22.59	22.53	22.44	22.33	22.45	23.50
		100	0	22.44	22.34	22.56	22.45	22.39	23.50

Table 3： Conducted Power of LTE

1.2 Conducted Power of Main Antenna (Ant1)

1.2.1 Conducted Power of GSM

GSM 850 Receiver off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	31.94	**32.27**	32.22	33.50	-9.19	22.75	23.08	23.03	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	31.91	32.24	32.21	33.50	-9.19	22.72	23.05	23.02	24.31
	2 TX Slots	28.86	28.90	28.81	30.50	-6.18	22.68	22.72	22.63	24.32
	3 TX Slots	26.56	26.86	26.76	28.50	-4.42	22.14	22.44	22.34	24.08
	4 TX Slots	25.75	**25.77**	25.58	27.50	-3.17	22.58	22.60	22.41	24.33
EGPRS(8PSK)	1 TX Slot	26.12	26.22	26.26	28.00	-9.19	16.93	17.03	17.07	18.81
	2 TX Slots	23.25	23.29	23.36	25.00	-6.18	17.07	17.11	17.18	18.82
	3 TX Slots	21.12	21.23	21.22	23.00	-4.42	16.70	16.81	16.80	18.58
	4 TX Slots	20.06	20.04	20.15	22.00	-3.17	16.89	16.87	16.98	18.83

GSM 850 Receiver on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	31.32	**31.34**	31.29	32.50	-9.19	22.13	22.15	22.10	23.31
GPRS/EGPRS (GMSK)	1 TX Slot	31.30	31.37	31.35	32.50	-9.19	22.11	22.18	22.16	23.31
	2 TX Slots	28.86	28.90	28.81	30.50	-6.18	22.68	22.72	22.63	24.32
	3 TX Slots	26.56	26.86	26.76	28.50	-4.42	22.14	22.44	22.34	24.08
	4 TX Slots	25.75	25.77	25.58	27.50	-3.17	22.58	22.60	22.41	24.33
EGPRS(8PSK)	1 TX Slot	26.12	26.22	26.26	28.00	-9.19	16.93	17.03	17.07	18.81
	2 TX Slots	23.25	23.29	23.36	25.00	-6.18	17.07	17.11	17.18	18.82
	3 TX Slots	21.12	21.23	21.22	23.00	-4.42	16.70	16.81	16.80	18.58
	4 TX Slots	20.06	20.04	20.15	22.00	-3.17	16.89	16.87	16.98	18.83

GSM 1900 Receiver off/Hotspot off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	28.09	**28.12**	28.14	29.50	-9.19	18.90	18.93	18.95	20.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.17	28.11	28.01	29.50	-9.19	18.98	18.92	18.82	20.31
	2 TX Slots	23.66	23.65	23.52	25.00	-6.18	17.48	17.47	17.34	18.82
	3 TX Slots	21.77	21.69	21.78	23.00	-4.42	17.35	17.27	17.36	18.58
	4 TX Slots	20.95	20.85	20.86	22.00	-3.17	17.78	17.68	17.69	18.83
EGPRS(8PSK)	1 TX Slot	24.01	24.10	24.03	24.50	-9.19	14.82	14.91	14.84	15.31
	2 TX Slots	19.61	19.62	19.56	21.50	-6.18	13.43	13.44	13.38	15.32
	3 TX Slots	17.69	17.75	17.81	19.50	-4.42	13.27	13.33	13.39	15.08
	4 TX Slots	16.62	16.69	16.71	18.50	-3.17	13.45	13.52	13.54	15.33

GSM 1900 Receiver on/Hotspot on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	**26.85**	**26.77**	**26.65**	28.00	-9.19	17.66	17.58	17.46	18.81
GPRS/EGPRS (GMSK)	1 TX Slot	26.79	26.48	26.56	28.00	-9.19	17.60	17.29	17.37	18.81
	2 TX Slots	23.66	23.65	23.52	25.00	-6.18	17.48	17.47	17.34	18.82
	3 TX Slots	21.77	21.69	21.78	23.00	-4.42	17.35	17.27	17.36	18.58
	4 TX Slots	20.95	**20.85**	20.86	22.00	-3.17	17.78	17.68	17.69	18.83
EGPRS(8PSK)	1 TX Slot	19.07	19.08	19.05	20.50	-9.19	9.88	9.89	9.86	11.31
	2 TX Slots	15.91	15.97	15.96	17.50	-6.18	9.73	9.79	9.78	11.32
	3 TX Slots	13.95	14.00	13.91	15.50	-4.42	9.53	9.58	9.49	11.08
	4 TX Slots	12.81	12.84	12.83	14.50	-3.17	9.64	9.67	9.66	11.33

Table 4： Conducted Power of GSM

1.2.2 Conducted Power of WCDMA

WCDMA Band II Receiver off/Hotspot off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.61	**19.65**	19.59	21.00
	12.2kbps AMR	19.51	19.64	19.58	21.00
HSDPA	Subtest 1	18.79	18.75	18.86	20.00
	Subtest 2	18.72	18.71	18.85	20.00
	Subtest 3	18.34	18.36	18.32	19.50
	Subtest 4	18.24	18.25	18.36	19.50
HSUPA	Subtest 1	18.86	18.79	18.83	20.00
	Subtest 2	16.81	16.76	16.86	18.00
	Subtest 3	17.82	17.75	17.82	19.00
	Subtest 4	16.83	16.71	16.80	18.00
	Subtest 5	18.83	18.82	18.83	20.00
DC-HSDPA	Subtest 1	18.81	18.74	18.83	20.00
	Subtest 2	18.73	18.72	18.76	20.00
	Subtest 3	18.32	18.38	18.30	19.50
	Subtest 4	18.23	18.29	18.25	19.50
HSPA+	16QAM	17.30	17.28	17.39	18.50

WCDMA Band II Receiver on/Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	**17.53**	**17.41**	**17.51**	19.00
	12.2kbps AMR	17.51	17.37	17.49	19.00
HSDPA	Subtest 1	16.96	16.99	17.10	18.00
	Subtest 2	16.95	16.94	17.06	18.00
	Subtest 3	16.54	16.51	16.54	17.50
	Subtest 4	16.51	16.51	16.54	17.50
HSUPA	Subtest 1	17.09	17.00	17.09	18.00
	Subtest 2	15.07	14.96	15.04	16.00
	Subtest 3	16.06	15.99	16.01	17.00
	Subtest 4	15.12	15.00	15.01	16.00
	Subtest 5	16.99	17.04	17.00	18.00
DC-HSDPA	Subtest 1	17.02	16.97	17.02	18.00
	Subtest 2	16.90	16.94	17.00	18.00
	Subtest 3	16.57	16.65	16.57	17.50
	Subtest 4	16.42	16.48	16.54	17.50
HSPA+	16QAM	15.53	15.51	15.58	16.50

WCDMA Band IV Receiver off/Hotspot off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.81	**18.87**	18.85	20.10
	12.2kbps AMR	18.74	18.80	18.79	20.10
HSDPA	Subtest 1	17.71	17.57	17.72	19.10
	Subtest 2	17.61	17.61	17.65	19.10
	Subtest 3	17.22	17.12	17.17	18.60
	Subtest 4	17.15	17.03	17.11	18.60
HSUPA	Subtest 1	17.74	17.64	17.72	19.10
	Subtest 2	15.71	15.65	15.71	17.10
	Subtest 3	16.69	16.61	16.75	18.10
	Subtest 4	15.75	15.57	15.70	17.10
	Subtest 5	17.73	17.58	17.76	19.10
DC-HSDPA	Subtest 1	17.70	17.59	17.74	19.10
	Subtest 2	17.60	17.63	17.70	19.10
	Subtest 3	17.23	17.11	17.24	18.60
	Subtest 4	17.10	17.08	17.14	18.60
HSPA+	16QAM	16.23	16.11	16.19	17.60

WCDMA Band IV Receiver on/Hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	**16.31**	**16.29**	**16.25**	17.60
	12.2kbps AMR	16.25	16.18	16.14	17.60
HSDPA	Subtest 1	15.21	15.06	15.25	16.60
	Subtest 2	15.14	15.14	15.17	16.60
	Subtest 3	14.70	14.67	14.66	16.10
	Subtest 4	14.65	14.58	14.61	16.10
HSUPA	Subtest 1	15.27	15.13	15.23	16.60
	Subtest 2	13.24	13.16	13.17	14.60
	Subtest 3	14.17	14.17	14.21	15.60
	Subtest 4	13.21	13.11	13.17	14.60
	Subtest 5	15.25	15.06	15.27	16.60
DC-HSDPA	Subtest 1	15.21	15.06	15.27	16.60
	Subtest 2	15.10	15.10	15.18	16.60
	Subtest 3	14.77	14.57	14.72	16.10
	Subtest 4	14.58	14.54	14.67	16.10
HSPA+	16QAM	13.75	13.58	13.67	15.10

WCDMA Band V Receiver off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.78	**23.75**	23.74	25.00
	12.2kbps AMR	23.71	23.68	23.63	25.00
HSDPA	Subtest 1	22.31	22.32	22.31	24.00
	Subtest 2	22.19	22.27	22.28	24.00
	Subtest 3	21.73	21.76	21.80	23.50
	Subtest 4	21.74	21.77	21.77	23.50
HSUPA	Subtest 1	22.27	22.32	22.31	24.00
	Subtest 2	20.26	20.29	20.31	22.00
	Subtest 3	21.29	21.36	21.34	23.00
	Subtest 4	20.28	20.27	20.25	22.00
	Subtest 5	22.29	22.36	22.35	24.00
DC-HSDPA	Subtest 1	22.32	22.33	22.32	24.00
	Subtest 2	22.15	22.28	22.23	24.00
	Subtest 3	21.70	21.72	21.81	23.50
	Subtest 4	21.71	21.74	21.74	23.50
HSPA+	16QAM	20.83	20.78	20.71	22.50

WCDMA Band V Receiver on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.74	**22.68**	22.64	23.50
	12.2kbps AMR	22.63	22.57	22.55	23.50
HSDPA	Subtest 1	20.92	20.91	20.90	22.50
	Subtest 2	20.80	20.84	20.87	22.50
	Subtest 3	20.32	20.38	20.38	22.00
	Subtest 4	20.32	20.37	20.34	22.00
HSUPA	Subtest 1	20.85	20.89	20.94	22.50
	Subtest 2	18.85	18.88	18.94	20.50
	Subtest 3	19.86	19.97	19.92	21.50
	Subtest 4	18.88	18.87	18.84	20.50
	Subtest 5	20.90	20.96	20.92	22.50
DC-HSDPA	Subtest 1	20.94	20.91	20.93	22.50
	Subtest 2	20.77	20.90	20.80	22.50
	Subtest 3	20.28	20.35	20.44	22.00
	Subtest 4	20.28	20.32	20.34	22.00
HSPA+	16QAM	19.41	19.38	19.28	21.00

Table 5： Conducted Power of WCDMA

1.2.3 Conducted Power of LTE

LTE Band 2 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	15.95	16.02	15.93	16.90
		1	2	15.95	16.01	16.00	16.90
		1	5	15.98	16.03	15.57	16.90
		3	0	15.25	15.28	15.22	16.90
		3	2	15.21	15.22	15.15	16.90
		3	3	15.20	15.14	15.15	16.90
		6	0	15.38	15.42	15.34	16.90
	16QAM	1	0	15.29	15.32	15.29	16.90
		1	2	15.34	15.38	15.30	16.90
		1	5	15.33	15.31	15.31	16.90
		3	0	15.30	15.36	15.22	16.90
		3	2	15.34	15.31	15.33	16.90
		3	3	15.36	15.27	15.27	16.90
		6	0	15.31	15.38	15.32	16.90
	64QAM	1	0	15.35	15.31	15.40	16.90
		1	2	15.29	15.30	15.37	16.90
		1	5	15.41	15.31	15.30	16.90
		3	0	15.32	15.38	15.41	16.90
		3	2	15.41	15.25	15.34	16.90
		3	3	15.38	15.35	15.41	16.90
		6	0	15.30	15.34	15.28	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	15.95	16.07	15.97	16.90
		1	7	15.96	16.04	16.01	16.90
		1	14	15.95	16.02	15.96	16.90
		8	0	15.31	15.32	15.41	16.90
		8	4	15.35	15.34	15.37	16.90
		8	7	15.37	15.37	15.31	16.90
		15	0	15.39	15.33	15.35	16.90
	16QAM	1	0	15.31	15.32	15.22	16.90
		1	7	15.33	15.34	15.29	16.90
		1	14	15.36	15.32	15.30	16.90
		8	0	15.33	15.37	15.28	16.90
		8	4	15.29	15.29	15.33	16.90
		8	7	15.29	15.32	15.31	16.90
		15	0	15.33	15.28	15.30	16.90
	64QAM	1	0	15.25	15.31	15.40	16.90
		1	7	15.31	15.33	15.40	16.90
		1	14	15.32	15.34	15.33	16.90
		8	0	15.35	15.31	15.36	16.90
		8	4	15.26	15.31	15.29	16.90
		8	7	15.25	15.36	15.38	16.90

		15	0	15.26	15.29	15.27	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	15.53	15.56	15.50	16.90
		1	13	15.51	15.55	15.49	16.90
		1	24	15.30	15.46	15.48	16.90
		12	0	15.38	15.42	15.34	16.90
		12	6	15.40	15.43	15.29	16.90
		12	13	15.42	15.41	15.35	16.90
		25	0	15.48	15.44	15.41	16.90
	16QAM	1	0	15.40	15.43	15.30	16.90
		1	13	15.39	15.39	15.37	16.90
		1	24	15.41	15.36	15.39	16.90
		12	0	15.37	15.36	15.30	16.90
		12	6	15.35	15.34	15.44	16.90
		12	13	15.33	15.34	15.30	16.90
		25	0	15.37	15.40	15.32	16.90
	64QAM	1	0	15.38	15.32	15.40	16.90
		1	13	15.37	15.30	15.33	16.90
		1	24	15.25	15.29	15.34	16.90
		12	0	15.31	15.25	15.40	16.90
		12	6	15.30	15.27	15.26	16.90
		12	13	15.25	15.42	15.31	16.90
		25	0	15.25	15.25	15.34	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	15.31	15.58	15.31	16.90
		1	25	15.52	15.40	15.50	16.90
		1	49	15.54	15.49	15.51	16.90
		25	0	15.41	15.35	15.50	16.90
		25	13	15.40	15.37	15.34	16.90
		25	25	15.36	15.44	15.41	16.90
		50	0	15.37	15.35	15.36	16.90
	16QAM	1	0	15.34	15.44	15.29	16.90
		1	25	15.35	15.39	15.30	16.90
		1	49	15.30	15.31	15.30	16.90
		25	0	15.39	15.38	15.44	16.90
		25	13	15.36	15.36	15.30	16.90
		25	25	15.41	15.40	15.40	16.90
		50	0	15.38	15.35	15.34	16.90
	64QAM	1	0	15.40	15.36	15.38	16.90
		1	25	15.40	15.33	15.32	16.90
		1	49	15.26	15.31	15.37	16.90
		25	0	15.27	15.39	15.26	16.90
		25	13	15.26	15.36	15.32	16.90
		25	25	15.34	15.26	15.35	16.90
		50	0	15.34	15.38	15.36	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	15.40	15.40	15.33	16.90

		1	38	15.36	15.42	15.40	16.90
		1	74	15.38	15.36	15.36	16.90
		36	0	15.39	15.36	15.40	16.90
		36	18	15.41	15.36	15.38	16.90
		36	39	15.28	15.34	15.40	16.90
		75	0	15.40	15.27	15.34	16.90
	16QAM	1	0	15.21	15.36	15.36	16.90
		1	38	15.32	15.38	15.22	16.90
		1	74	15.29	15.26	15.27	16.90
		36	0	15.34	15.33	15.32	16.90
		36	18	15.36	15.35	15.36	16.90
		36	39	15.37	15.36	15.36	16.90
		75	0	15.33	15.32	15.34	16.90
	64QAM	1	0	15.34	15.34	15.32	16.90
		1	38	15.25	15.34	15.33	16.90
		1	74	15.42	15.36	15.42	16.90
		36	0	15.37	15.36	15.29	16.90
		36	18	15.33	15.34	15.29	16.90
		36	39	15.39	15.34	15.40	16.90
		75	0	15.28	15.27	15.38	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	15.29	15.26	15.08	16.90
		1	50	15.32	**15.33**	15.16	16.90
		1	99	15.21	15.19	15.01	16.90
		50	0	15.35	15.40	**15.29**	16.90
		50	25	**15.45**	15.41	15.26	16.90
		50	50	15.29	15.46	15.18	16.90
		100	0	15.39	**15.40**	15.23	16.90
	16QAM	1	0	15.34	15.22	15.16	16.90
		1	50	15.34	15.33	15.18	16.90
		1	99	15.17	15.25	15.08	16.90
		50	0	15.36	15.35	15.24	16.90
		50	25	15.39	15.31	15.21	16.90
		50	50	15.20	15.38	15.13	16.90
		100	0	15.42	15.33	15.22	16.90
	64QAM	1	0	15.30	15.30	15.38	16.90
		1	50	15.27	15.36	15.26	16.90
		1	99	15.32	15.32	15.26	16.90
		50	0	15.30	15.32	15.37	16.90
		50	25	15.28	15.37	15.34	16.90
		50	50	15.40	15.33	15.38	16.90
		100	0	15.37	15.39	15.42	16.90

LTE Band 2 Hotspot off/Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	20.03	20.12	19.96	20.90
		1	2	20.07	20.15	20.08	20.90
		1	5	20.05	20.11	19.98	20.90
		3	0	19.42	19.31	19.27	20.90
		3	2	19.41	19.47	19.45	20.90
		3	3	19.47	19.42	19.20	20.90
		6	0	19.55	19.47	19.59	20.90
	16QAM	1	0	19.41	19.29	19.40	20.90
		1	2	19.36	19.33	19.34	20.90
		1	5	19.29	19.31	19.33	20.90
		3	0	19.38	19.40	19.32	20.90
		3	2	19.44	19.41	19.39	20.90
		3	3	19.41	19.40	19.42	20.90
		6	0	19.40	19.37	19.35	20.90
	64QAM	1	0	19.41	19.39	19.26	20.90
		1	2	19.33	19.40	19.29	20.90
		1	5	19.32	19.35	19.38	20.90
		3	0	19.41	19.42	19.33	20.90
		3	2	19.39	19.35	19.41	20.90
		3	3	19.25	19.25	19.33	20.90
		6	0	19.40	19.39	19.32	20.90
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	20.03	20.12	19.96	20.90
		1	7	20.04	20.11	19.95	20.90
		1	14	20.03	20.05	20.03	20.90
		8	0	19.41	19.40	19.40	20.90
		8	4	19.42	19.39	19.33	20.90
		8	7	19.43	19.43	19.38	20.90
		15	0	19.37	19.40	19.36	20.90
	16QAM	1	0	19.24	19.35	19.29	20.90
		1	7	19.34	19.38	19.42	20.90
		1	14	19.40	19.30	19.39	20.90
		8	0	19.40	19.37	19.32	20.90
		8	4	19.36	19.38	19.35	20.90
		8	7	19.34	19.29	19.32	20.90
		15	0	19.35	19.36	19.39	20.90
	64QAM	1	0	19.42	19.41	19.28	20.90
		1	7	19.36	19.34	19.27	20.90
		1	14	19.38	19.28	19.40	20.90
		8	0	19.36	19.33	19.25	20.90
		8	4	19.30	19.39	19.27	20.90
		8	7	19.35	19.27	19.37	20.90
		15	0	19.26	19.34	19.33	20.90

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.05	19.64	19.59	20.90
		1	13	19.66	19.62	19.61	20.90
		1	24	19.60	19.63	19.68	20.90
		12	0	19.44	19.44	19.35	20.90
		12	6	19.35	19.44	19.40	20.90
		12	13	19.43	19.42	19.38	20.90
		25	0	19.48	19.42	19.44	20.90
	16QAM	1	0	19.36	19.41	19.34	20.90
		1	13	19.42	19.37	19.35	20.90
		1	24	19.36	19.33	19.34	20.90
		12	0	19.45	19.39	19.42	20.90
		12	6	19.42	19.39	19.37	20.90
		12	13	19.39	19.37	19.35	20.90
		25	0	19.41	19.46	19.36	20.90
	64QAM	1	0	19.32	19.30	19.36	20.90
		1	13	19.39	19.41	19.38	20.90
		1	24	19.31	19.37	19.38	20.90
		12	0	19.40	19.37	19.42	20.90
		12	6	19.36	19.41	19.42	20.90
		12	13	19.35	19.41	19.29	20.90
		25	0	19.28	19.39	19.30	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.94	20.01	19.94	20.90
		1	25	19.97	19.55	19.94	20.90
		1	49	19.89	19.98	19.93	20.90
		25	0	19.32	19.28	19.39	20.90
		25	13	19.34	19.36	19.31	20.90
		25	25	19.31	19.42	19.35	20.90
		50	0	19.34	19.39	19.28	20.90
	16QAM	1	0	19.19	19.25	19.35	20.90
		1	25	19.26	19.32	19.33	20.90
		1	49	19.24	19.31	19.32	20.90
		25	0	19.28	19.23	19.29	20.90
		25	13	19.34	19.28	19.30	20.90
		25	25	19.31	19.25	19.28	20.90
		50	0	19.30	19.21	19.30	20.90
	64QAM	1	0	19.37	19.41	19.30	20.90
		1	25	19.36	19.41	19.25	20.90
		1	49	19.30	19.42	19.34	20.90
		25	0	19.25	19.37	19.25	20.90
		25	13	19.36	19.26	19.38	20.90
		25	25	19.40	19.38	19.40	20.90
		50	0	19.42	19.38	19.33	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.04	20.06	20.05	20.90
		1	38	20.08	19.63	20.04	20.90

		1	74	19.98	20.04	20.03	20.90
		36	0	19.43	19.39	19.49	20.90
		36	18	19.44	19.41	19.37	20.90
		36	39	19.42	19.48	19.44	20.90
		75	0	19.39	19.44	19.35	20.90
	16QAM	1	0	19.25	19.36	19.44	20.90
		1	38	19.33	19.39	19.41	20.90
		1	74	19.30	19.36	19.40	20.90
		36	0	19.37	19.29	19.36	20.90
		36	18	19.39	19.38	19.41	20.90
		36	39	19.37	19.36	19.38	20.90
		75	0	19.40	19.32	19.41	20.90
	64QAM	1	0	19.41	19.26	19.27	20.90
		1	38	19.39	19.33	19.26	20.90
		1	74	19.32	19.32	19.30	20.90
		36	0	19.35	19.42	19.36	20.90
		36	18	19.36	19.36	19.32	20.90
		36	39	19.34	19.41	19.28	20.90
		75	0	19.39	19.37	19.36	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.95	19.99	19.83	20.90
		1	50	20.00	20.02	19.47	20.90
		1	99	19.99	20.07	19.86	20.90
		50	0	19.45	**19.55**	19.39	20.90
		50	25	19.51	19.43	19.37	20.90
		50	50	19.42	19.49	19.24	20.90
		100	0	19.34	19.46	19.25	20.90
	16QAM	1	0	19.38	19.26	19.09	20.90
		1	50	19.36	19.35	19.32	20.90
		1	99	19.28	19.31	19.20	20.90
		50	0	19.37	19.42	19.37	20.90
		50	25	19.43	19.39	19.30	20.90
		50	50	19.38	19.40	19.24	20.90
		100	0	19.43	19.38	19.29	20.90
	64QAM	1	0	19.28	19.35	19.40	20.90
		1	50	19.30	19.36	19.25	20.90
		1	99	19.40	19.32	19.25	20.90
		50	0	19.38	19.26	19.27	20.90
		50	25	19.30	19.37	19.35	20.90
		50	50	19.29	19.28	19.34	20.90
		100	0	19.32	19.32	19.34	20.90

LTE Band 2 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.45	18.51	18.36	19.40
		1	2	18.48	18.56	18.49	19.40
		1	5	18.46	18.50	18.38	19.40
		3	0	17.81	17.74	17.68	19.40
		3	2	17.80	17.91	17.88	19.40
		3	3	17.88	17.86	17.62	19.40
		6	0	18.00	17.87	18.01	19.40
	16QAM	1	0	17.85	17.68	17.81	19.40
		1	2	17.80	17.73	17.79	19.40
		1	5	17.70	17.74	17.77	19.40
		3	0	17.79	17.82	17.72	19.40
		3	2	17.83	17.82	17.83	19.40
		3	3	17.82	17.80	17.83	19.40
		6	0	17.83	17.81	17.77	19.40
	64QAM	1	0	17.84	17.78	17.68	19.40
		1	2	17.73	17.81	17.73	19.40
		1	5	17.73	17.74	17.82	19.40
		3	0	17.85	17.82	17.74	19.40
		3	2	17.84	17.80	17.83	19.40
		3	3	17.70	17.64	17.76	19.40
		6	0	17.83	17.81	17.77	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	18.44	18.57	18.37	19.40
		1	7	18.48	18.50	18.39	19.40
		1	14	18.44	18.46	18.42	19.40
		8	0	17.83	17.84	17.80	19.40
		8	4	17.82	17.81	17.76	19.40
		8	7	17.82	17.82	17.80	19.40
		15	0	17.77	17.81	17.80	19.40
	16QAM	1	0	17.67	17.80	17.73	19.40
		1	7	17.74	17.77	17.83	19.40
		1	14	17.82	17.72	17.84	19.40
		8	0	17.79	17.80	17.73	19.40
		8	4	17.78	17.77	17.79	19.40
		8	7	17.77	17.69	17.75	19.40
		15	0	17.78	17.79	17.84	19.40
	64QAM	1	0	17.87	17.86	17.71	19.40
		1	7	17.75	17.77	17.66	19.40
		1	14	17.81	17.71	17.85	19.40
		8	0	17.75	17.76	17.70	19.40
		8	4	17.74	17.81	17.68	19.40
		8	7	17.77	17.69	17.77	19.40
		15	0	17.66	17.78	17.77	19.40

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.44	18.07	17.98	19.40
		1	13	18.08	18.02	18.03	19.40
		1	24	18.01	18.04	18.13	19.40
		12	0	17.87	17.84	17.77	19.40
		12	6	17.75	17.84	17.85	19.40
		12	13	17.85	17.81	17.80	19.40
		25	0	17.92	17.82	17.85	19.40
	16QAM	1	0	17.81	17.80	17.77	19.40
		1	13	17.85	17.82	17.77	19.40
		1	24	17.77	17.77	17.73	19.40
		12	0	17.87	17.83	17.86	19.40
		12	6	17.86	17.81	17.76	19.40
		12	13	17.79	17.79	17.77	19.40
		25	0	17.85	17.86	17.78	19.40
	64QAM	1	0	17.72	17.75	17.77	19.40
		1	13	17.78	17.85	17.81	19.40
		1	24	17.73	17.81	17.83	19.40
		12	0	17.82	17.80	17.86	19.40
		12	6	17.80	17.80	17.86	19.40
		12	13	17.77	17.83	17.74	19.40
		25	0	17.73	17.84	17.70	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.37	18.40	18.36	19.40
		1	25	18.38	18.00	18.36	19.40
		1	49	18.29	18.43	18.37	19.40
		25	0	17.76	17.73	17.81	19.40
		25	13	17.79	17.79	17.70	19.40
		25	25	17.76	17.86	17.76	19.40
		50	0	17.77	17.84	17.70	19.40
	16QAM	1	0	17.61	17.70	17.75	19.40
		1	25	17.69	17.76	17.77	19.40
		1	49	17.63	17.73	17.75	19.40
		25	0	17.67	17.66	17.68	19.40
		25	13	17.76	17.72	17.72	19.40
		25	25	17.72	17.70	17.70	19.40
		50	0	17.69	17.63	17.70	19.40
	64QAM	1	0	17.79	17.80	17.69	19.40
		1	25	17.81	17.80	17.66	19.40
		1	49	17.74	17.84	17.79	19.40
		25	0	17.67	17.80	17.69	19.40
		25	13	17.75	17.65	17.81	19.40
		25	25	17.81	17.82	17.80	19.40
		50	0	17.86	17.77	17.78	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.47	18.47	18.45	19.40
		1	38	18.53	18.07	18.44	19.40

		1	74	18.40	18.45	18.42	19.40
		36	0	17.87	17.83	17.92	19.40
		36	18	17.87	17.86	17.76	19.40
		36	39	17.85	17.91	17.87	19.40
		75	0	17.78	17.85	17.80	19.40
	16QAM	1	0	17.65	17.79	17.85	19.40
		1	38	17.75	17.81	17.81	19.40
		1	74	17.71	17.77	17.81	19.40
		36	0	17.76	17.74	17.77	19.40
		36	18	17.80	17.80	17.83	19.40
		36	39	17.78	17.76	17.81	19.40
		75	0	17.79	17.76	17.80	19.40
	64QAM	1	0	17.86	17.69	17.69	19.40
		1	38	17.81	17.77	17.71	19.40
		1	74	17.77	17.72	17.72	19.40
		36	0	17.74	17.86	17.78	19.40
		36	18	17.78	17.80	17.73	19.40
		36	39	17.75	17.80	17.69	19.40
		75	0	17.80	17.77	17.81	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.38	18.40	18.28	19.40
		1	50	18.41	18.47	18.19	19.40
		1	99	18.41	18.42	18.28	19.40
		50	0	17.88	**17.98**	17.78	19.40
		50	25	17.95	17.88	17.81	19.40
		50	50	17.87	17.93	17.63	19.40
		100	0	17.76	17.87	17.66	19.40
	16QAM	1	0	17.81	17.66	17.49	19.40
		1	50	17.76	17.76	17.72	19.40
		1	99	17.70	17.71	17.65	19.40
		50	0	17.81	17.87	17.78	19.40
		50	25	17.83	17.83	17.71	19.40
		50	50	17.78	17.83	17.64	19.40
		100	0	17.83	17.77	17.70	19.40
	64QAM	1	0	17.69	17.77	17.82	19.40
		1	50	17.73	17.80	17.64	19.40
		1	99	17.81	17.73	17.70	19.40
		50	0	17.77	17.67	17.70	19.40
		50	25	17.70	17.81	17.77	19.40
		50	50	17.73	17.69	17.77	19.40
		100	0	17.74	17.71	17.79	19.40

LTE Band 4 Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.61	18.73	18.76	19.60
		1	2	18.68	18.78	18.68	19.60
		1	5	18.72	18.75	18.69	19.60
		3	0	18.09	18.21	18.12	19.60
		3	2	18.07	18.13	18.16	19.60
		3	3	18.19	18.13	17.95	19.60
		6	0	18.36	18.41	18.17	19.60
	16QAM	1	0	18.31	18.10	17.93	19.60
		1	2	18.25	18.20	18.14	19.60
		1	5	18.14	18.20	18.11	19.60
		3	0	18.20	18.15	18.18	19.60
		3	2	18.21	18.14	17.98	19.60
		3	3	18.19	18.12	18.02	19.60
		6	0	18.17	18.16	18.00	19.60
	64QAM	1	0	17.97	17.99	18.02	19.60
		1	2	18.03	17.99	18.02	19.60
		1	5	18.08	18.11	18.00	19.60
		3	0	18.09	17.98	18.10	19.60
		3	2	18.09	18.07	17.96	19.60
		3	3	18.06	17.97	18.09	19.60
		6	0	18.02	18.00	18.08	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.74	18.62	18.79	19.60
		1	7	18.75	18.82	18.75	19.60
		1	14	18.72	18.63	18.75	19.60
		8	0	18.21	18.07	18.18	19.60
		8	4	18.21	18.29	18.17	19.60
		8	7	18.18	18.14	18.09	19.60
		15	0	18.18	18.13	18.18	19.60
	16QAM	1	0	18.26	18.17	18.02	19.60
		1	7	18.31	18.14	18.17	19.60
		1	14	18.22	18.10	17.97	19.60
		8	0	18.17	18.11	18.20	19.60
		8	4	18.19	18.10	18.15	19.60
		8	7	18.10	18.07	18.03	19.60
		15	0	18.19	18.12	18.01	19.60
	64QAM	1	0	17.99	17.99	17.96	19.60
		1	7	18.12	18.04	18.08	19.60
		1	14	18.12	18.04	18.06	19.60
		8	0	18.07	18.04	17.95	19.60
		8	4	18.11	18.09	18.03	19.60
		8	7	17.96	18.00	18.03	19.60
		15	0	18.09	17.99	18.01	19.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.41	18.43	18.33	19.60
		1	13	18.40	18.38	18.42	19.60
		1	24	18.45	18.36	18.32	19.60
		12	0	18.18	18.18	18.13	19.60
		12	6	18.26	18.21	18.12	19.60
		12	13	18.11	18.14	18.11	19.60
		25	0	18.22	18.22	18.17	19.60
	16QAM	1	0	18.20	18.14	18.06	19.60
		1	13	18.18	18.10	18.05	19.60
		1	24	18.19	18.14	18.04	19.60
		12	0	18.26	18.19	18.09	19.60
		12	6	18.17	18.22	18.19	19.60
		12	13	18.15	18.17	18.07	19.60
		25	0	18.21	18.17	18.13	19.60
	64QAM	1	0	18.05	18.00	18.04	19.60
		1	13	18.07	17.99	18.02	19.60
		1	24	18.03	18.00	18.02	19.60
		12	0	17.98	18.11	18.00	19.60
		12	6	17.96	18.00	18.04	19.60
		12	13	17.98	18.07	18.06	19.60
		25	0	17.97	18.00	18.02	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.75	18.78	18.37	19.60
		1	25	18.79	18.27	18.74	19.60
		1	49	18.44	18.36	18.27	19.60
		25	0	18.34	18.18	18.24	19.60
		25	13	18.27	18.34	18.17	19.60
		25	25	18.21	18.21	18.17	19.60
		50	0	18.23	18.25	18.09	19.60
	16QAM	1	0	18.30	18.13	18.09	19.60
		1	25	18.33	18.20	18.09	19.60
		1	49	18.23	18.18	18.07	19.60
		25	0	18.21	18.18	18.03	19.60
		25	13	18.24	18.20	18.18	19.60
		25	25	18.13	18.13	18.20	19.60
		50	0	18.27	18.18	18.04	19.60
	64QAM	1	0	17.97	18.03	17.97	19.60
		1	25	18.01	18.07	17.97	19.60
		1	49	18.02	18.04	18.10	19.60
		25	0	17.98	18.04	18.00	19.60
		25	13	18.12	18.07	18.03	19.60
		25	25	18.02	18.12	18.08	19.60
		50	0	18.03	18.05	17.99	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.71	18.78	18.70	19.60
		1	38	18.79	18.77	18.30	19.60

		1	74	18.80	18.62	18.62	19.60
		36	0	18.22	18.11	18.10	19.60
		36	18	18.17	18.25	18.17	19.60
		36	39	18.27	18.04	18.17	19.60
		75	0	18.16	18.12	18.18	19.60
	16QAM	1	0	18.40	18.19	18.31	19.60
		1	38	18.33	18.24	18.16	19.60
		1	74	18.21	18.18	18.06	19.60
		36	0	18.17	18.16	18.20	19.60
		36	18	18.16	18.18	18.12	19.60
		36	39	18.14	18.08	18.04	19.60
		75	0	18.19	18.08	18.04	19.60
	64QAM	1	0	17.96	18.09	17.95	19.60
		1	38	18.04	18.07	18.00	19.60
		1	74	17.95	17.99	18.02	19.60
		36	0	18.01	18.08	18.03	19.60
		36	18	18.05	18.10	18.04	19.60
		36	39	18.04	18.01	18.06	19.60
		75	0	17.99	18.08	17.95	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	18.61	18.72	18.67	19.60
		1	50	18.73	18.87	18.39	19.60
		1	99	18.58	18.25	18.55	19.60
		50	0	18.27	18.09	18.29	19.60
		50	25	18.29	18.18	18.18	19.60
		50	50	**18.32**	18.09	18.09	19.60
		100	0	18.24	18.14	18.20	19.60
	16QAM	1	0	18.26	18.13	18.17	19.60
		1	50	18.22	18.16	18.16	19.60
		1	99	18.08	18.07	17.98	19.60
		50	0	18.26	17.99	18.23	19.60
		50	25	18.21	18.14	18.17	19.60
		50	50	18.26	18.08	18.07	19.60
		100	0	18.18	18.12	18.09	19.60
	64QAM	1	0	18.06	18.05	18.11	19.60
		1	50	18.01	18.06	18.07	19.60
		1	99	18.00	18.04	17.96	19.60
		50	0	18.11	18.10	18.08	19.60
		50	25	17.97	17.95	17.96	19.60
		50	50	17.99	17.99	18.06	19.60
		100	0	18.08	18.08	17.97	19.60

LTE Band 4 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	16.28	16.64	16.30	17.60
		1	2	16.31	16.64	16.24	17.60
		1	5	16.29	16.25	16.62	17.60
		3	0	16.13	16.07	16.01	17.60
		3	2	16.02	15.97	16.02	17.60
		3	3	16.05	16.07	15.93	17.60
		6	0	16.13	16.34	16.09	17.60
	16QAM	1	0	16.15	16.13	16.03	17.60
		1	2	16.19	16.10	16.01	17.60
		1	5	16.15	16.11	16.02	17.60
		3	0	16.09	16.11	16.03	17.60
		3	2	16.14	16.11	16.01	17.60
		3	3	16.10	16.09	16.05	17.60
		6	0	16.10	16.11	16.07	17.60
	64QAM	1	0	16.09	16.19	16.10	17.60
		1	2	16.27	16.23	16.29	17.60
		1	5	16.20	16.30	16.21	17.60
		3	0	16.14	16.20	16.12	17.60
		3	2	16.24	16.27	16.09	17.60
		3	3	16.13	16.10	16.16	17.60
		6	0	16.14	16.26	16.06	17.60
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	16.65	16.72	16.67	17.60
		1	7	16.69	16.62	16.65	17.60
		1	14	16.65	16.60	16.62	17.60
		8	0	16.15	16.11	16.07	17.60
		8	4	16.15	16.11	16.05	17.60
		8	7	16.14	16.10	16.13	17.60
		15	0	16.18	16.11	16.08	17.60
	16QAM	1	0	16.22	16.12	16.04	17.60
		1	7	16.26	16.14	16.00	17.60
		1	14	16.26	16.04	16.06	17.60
		8	0	16.13	16.03	16.02	17.60
		8	4	16.17	16.11	16.03	17.60
		8	7	16.15	16.10	16.03	17.60
		15	0	16.05	16.05	16.06	17.60
	64QAM	1	0	16.22	16.10	16.06	17.60
		1	7	16.07	16.29	16.30	17.60
		1	14	16.29	16.32	16.30	17.60
		8	0	16.10	16.27	16.07	17.60
		8	4	16.11	16.18	16.28	17.60
		8	7	16.15	16.30	16.26	17.60
		15	0	16.07	16.20	16.09	17.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.30	16.33	16.30	17.60
		1	13	16.27	16.25	16.29	17.60
		1	24	16.27	16.28	16.24	17.60
		12	0	16.20	16.20	16.12	17.60
		12	6	16.22	16.18	16.16	17.60
		12	13	16.04	16.17	16.10	17.60
		25	0	16.14	16.24	16.21	17.60
	16QAM	1	0	16.20	16.23	16.15	17.60
		1	13	16.12	16.14	16.13	17.60
		1	24	16.18	16.14	16.03	17.60
		12	0	16.15	16.16	16.09	17.60
		12	6	16.14	16.18	16.06	17.60
		12	13	16.06	16.07	16.06	17.60
		25	0	16.18	16.18	16.14	17.60
	64QAM	1	0	16.29	16.17	16.05	17.60
		1	13	16.29	16.32	16.25	17.60
		1	24	16.11	16.29	16.23	17.60
		12	0	16.23	16.15	16.23	17.60
		12	6	16.14	16.07	16.20	17.60
		12	13	16.21	16.25	16.31	17.60
		25	0	16.23	16.30	16.29	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.07	16.35	16.33	17.60
		1	25	16.09	16.33	16.08	17.60
		1	49	16.17	16.24	16.24	17.60
		25	0	16.28	16.06	16.09	17.60
		25	13	16.21	16.12	16.13	17.60
		25	25	16.26	16.15	16.15	17.60
		50	0	16.16	16.21	16.06	17.60
	16QAM	1	0	16.12	16.11	16.20	17.60
		1	25	16.17	16.10	16.12	17.60
		1	49	16.19	16.06	16.06	17.60
		25	0	16.16	16.08	16.10	17.60
		25	13	16.15	16.18	16.07	17.60
		25	25	16.17	16.09	16.08	17.60
		50	0	16.16	16.19	16.15	17.60
	64QAM	1	0	16.25	16.22	16.16	17.60
		1	25	16.15	16.23	16.19	17.60
		1	49	16.05	16.32	16.26	17.60
		25	0	16.28	16.28	16.23	17.60
		25	13	16.23	16.30	16.13	17.60
		25	25	16.06	16.09	16.06	17.60
		50	0	16.07	16.17	16.31	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	16.18	16.14	16.11	17.60
		1	38	16.10	16.13	16.19	17.60

		1	74	16.15	16.14	16.25	17.60
		36	0	16.22	16.07	16.15	17.60
		36	18	16.18	16.13	16.08	17.60
		36	39	16.11	16.11	16.09	17.60
		75	0	16.05	16.04	16.04	17.60
	16QAM	1	0	15.96	16.15	16.03	17.60
		1	38	16.08	15.97	16.05	17.60
		1	74	15.97	15.97	15.98	17.60
		36	0	16.15	16.10	16.13	17.60
		36	18	16.08	16.15	16.06	17.60
		36	39	16.10	16.06	16.05	17.60
		75	0	16.07	16.09	16.06	17.60
	64QAM	1	0	16.12	16.21	16.10	17.60
		1	38	16.27	16.11	16.10	17.60
		1	74	16.32	16.10	16.28	17.60
		36	0	16.32	16.08	16.15	17.60
		36	18	16.21	16.09	16.05	17.60
		36	39	16.24	16.11	16.13	17.60
		75	0	16.08	16.24	16.16	17.60
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	16.18	**16.45**	**16.31**	17.60
		1	50	**16.32**	16.22	16.19	17.60
		1	99	16.15	16.19	16.18	17.60
		50	0	16.36	16.49	**16.43**	17.60
		50	25	16.27	16.27	16.23	17.60
		50	50	**16.44**	16.18	16.13	17.60
		100	0	**16.37**	16.24	16.16	17.60
	16QAM	1	0	16.03	16.08	16.06	17.60
		1	50	16.13	16.14	16.09	17.60
		1	99	16.00	15.98	15.89	17.60
		50	0	16.24	16.03	16.18	17.60
		50	25	16.18	16.14	16.13	17.60
		50	50	16.26	16.01	16.04	17.60
		100	0	16.18	16.02	16.10	17.60
	64QAM	1	0	16.17	16.11	16.23	17.60
		1	50	16.30	16.10	16.05	17.60
		1	99	16.14	16.27	16.30	17.60
		50	0	16.20	16.08	16.22	17.60
		50	25	16.14	16.10	16.24	17.60
		50	50	16.05	16.19	16.11	17.60
		100	0	16.23	16.21	16.13	17.60

LTE Band 5 Receiver off/Hotspot on/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	23.40	23.19	23.23	25.00
		1	2	23.38	23.32	23.51	25.00
		1	5	23.32	23.40	23.36	25.00
		3	0	23.44	23.36	23.40	25.00
		3	2	23.43	23.36	23.31	25.00
		3	3	23.46	23.40	23.43	25.00
		6	0	22.38	22.39	22.37	24.00
	16QAM	1	0	22.88	22.89	22.67	24.00
		1	2	22.89	22.53	22.69	24.00
		1	5	22.85	22.85	22.78	24.00
		3	0	22.45	22.40	22.22	24.00
		3	2	22.43	22.36	22.40	24.00
		3	3	22.45	22.35	22.40	24.00
		6	0	21.43	21.47	21.47	23.00
	64QAM	1	0	21.15	21.15	21.14	23.00
		1	2	21.31	21.24	21.32	23.00
		1	5	21.20	21.22	21.27	23.00
		3	0	21.24	21.13	21.26	23.00
		3	2	21.29	21.26	21.30	23.00
		3	3	21.23	21.31	21.30	23.00
		6	0	20.10	20.14	20.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.34	23.42	23.32	25.00
		1	7	23.25	23.36	23.35	25.00
		1	14	23.39	23.29	23.29	25.00
		8	0	22.39	22.39	22.29	24.00
		8	4	22.32	22.37	22.26	24.00
		8	7	22.37	22.36	22.27	24.00
		15	0	22.36	22.38	22.30	24.00
	16QAM	1	0	22.42	22.40	22.66	24.00
		1	7	22.88	22.54	22.26	24.00
		1	14	22.46	22.65	22.81	24.00
		8	0	21.40	21.47	21.50	23.00
		8	4	21.43	21.39	21.40	23.00
		8	7	21.39	21.48	21.39	23.00
		15	0	21.35	21.32	21.36	23.00
	64QAM	1	0	21.25	21.12	21.24	23.00
		1	7	21.18	21.20	21.25	23.00
		1	14	21.24	21.21	21.25	23.00
		8	0	20.10	20.18	20.19	22.00
		8	4	20.12	20.19	20.18	22.00
		8	7	20.12	20.18	20.22	22.00
		15	0	20.13	20.08	20.15	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.29	23.34	23.43	25.00
		1	13	23.32	23.42	23.22	25.00
		1	24	23.35	23.34	23.26	25.00
		12	0	22.36	22.44	22.38	24.00
		12	6	22.36	22.37	22.40	24.00
		12	13	22.35	22.31	22.30	24.00
		25	0	22.36	22.34	22.31	24.00
	16QAM	1	0	22.87	22.81	22.59	24.00
		1	13	22.45	22.54	22.15	24.00
		1	24	22.81	22.52	22.57	24.00
		12	0	21.35	21.41	21.36	23.00
		12	6	21.38	21.38	21.35	23.00
		12	13	21.37	21.29	21.27	23.00
		25	0	21.32	21.36	21.35	23.00
	64QAM	1	0	21.16	21.11	21.26	23.00
		1	13	21.25	21.11	21.10	23.00
		1	24	21.21	21.15	21.07	23.00
		12	0	20.18	20.07	20.07	22.00
		12	6	20.20	20.20	20.10	22.00
		12	13	20.10	20.13	20.22	22.00
		25	0	20.08	20.16	20.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.46	23.45	23.32	25.00
		1	25	23.42	23.40	23.27	25.00
		1	49	23.39	23.32	23.48	25.00
		25	0	22.33	**22.44**	22.36	24.00
		25	13	22.35	22.38	22.38	24.00
		25	25	22.40	22.34	22.37	24.00
		50	0	22.36	22.35	22.35	24.00
	16QAM	1	0	22.37	22.65	22.58	24.00
		1	25	22.65	22.46	22.41	24.00
		1	49	22.80	22.86	22.73	24.00
		25	0	21.28	21.60	21.38	23.00
		25	13	21.48	21.43	21.41	23.00
		25	25	21.41	21.35	21.39	23.00
		50	0	21.36	21.38	21.38	23.00
	64QAM	1	0	21.25	21.11	21.18	23.00
		1	25	21.24	21.18	21.22	23.00
		1	49	21.27	21.15	21.32	23.00
		25	0	20.12	20.20	20.17	22.00
		25	13	20.10	20.21	20.12	22.00
		25	25	20.22	20.21	20.20	22.00
		50	0	20.11	20.10	20.15	22.00

LTE Band 5 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	20.84	20.91	20.80	22.00
		1	2	20.88	20.61	20.53	22.00
		1	5	20.85	20.87	20.54	22.00
		3	0	20.26	20.40	20.22	22.00
		3	2	20.34	20.27	20.24	22.00
		3	3	20.24	20.37	20.34	22.00
		6	0	20.35	20.47	20.35	22.00
	16QAM	1	0	20.29	20.41	20.37	22.00
		1	2	20.45	20.43	20.37	22.00
		1	5	20.31	20.47	20.29	22.00
		3	0	20.30	20.30	20.34	22.00
		3	2	20.37	20.39	20.30	22.00
		3	3	20.34	20.38	20.32	22.00
		6	0	20.37	20.37	20.30	22.00
	64QAM	1	0	20.23	20.16	20.27	22.00
		1	2	20.27	20.26	20.26	22.00
		1	5	20.29	20.18	20.21	22.00
		3	0	20.21	20.24	20.23	22.00
		3	2	20.25	20.27	20.32	22.00
		3	3	20.16	20.25	20.28	22.00
		6	0	20.27	20.30	20.23	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	20.88	20.88	20.86	22.00
		1	7	20.82	20.92	20.83	22.00
		1	14	20.86	20.88	20.82	22.00
		8	0	20.36	20.36	20.42	22.00
		8	4	20.35	20.45	20.39	22.00
		8	7	20.36	20.42	20.41	22.00
		15	0	20.36	20.42	20.37	22.00
	16QAM	1	0	20.30	20.38	20.38	22.00
		1	7	20.38	20.46	20.40	22.00
		1	14	20.34	20.43	20.28	22.00
		8	0	20.30	20.34	20.33	22.00
		8	4	20.30	20.35	20.38	22.00
		8	7	20.29	20.38	20.31	22.00
		15	0	20.32	20.38	20.37	22.00
	64QAM	1	0	20.22	20.19	20.27	22.00
		1	7	20.15	20.31	20.32	22.00
		1	14	20.18	20.27	20.15	22.00
		8	0	20.24	20.16	20.32	22.00
		8	4	20.23	20.29	20.31	22.00
		8	7	20.19	20.27	20.32	22.00
		15	0	20.23	20.27	20.19	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	20.50	20.57	20.48	22.00
		1	13	20.48	20.53	20.45	22.00
		1	24	20.36	20.37	20.79	22.00
		12	0	20.37	20.43	20.47	22.00
		12	6	20.40	20.48	20.45	22.00
		12	13	20.41	20.46	20.37	22.00
		25	0	20.44	20.55	20.46	22.00
	16QAM	1	0	20.37	20.49	20.43	22.00
		1	13	20.38	20.46	20.40	22.00
		1	24	20.43	20.44	20.42	22.00
		12	0	20.31	20.41	20.42	22.00
		12	6	20.32	20.39	20.37	22.00
		12	13	20.41	20.44	20.38	22.00
		25	0	20.28	20.42	20.33	22.00
	64QAM	1	0	20.30	20.28	20.28	22.00
		1	13	20.18	20.16	20.24	22.00
		1	24	20.20	20.18	20.17	22.00
		12	0	20.15	20.30	20.23	22.00
		12	6	20.15	20.29	20.20	22.00
		12	13	20.27	20.22	20.21	22.00
		25	0	20.20	20.24	20.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	20.26	20.24	20.34	22.00
		1	25	20.28	20.36	20.48	22.00
		1	49	20.46	20.33	20.25	22.00
		25	0	20.32	**20.47**	20.40	22.00
		25	13	20.36	20.40	**20.44**	22.00
		25	25	**20.36**	20.42	20.37	22.00
		50	0	20.41	20.40	**20.46**	22.00
	16QAM	1	0	20.29	20.40	20.31	22.00
		1	25	20.34	20.37	20.31	22.00
		1	49	20.36	20.33	20.39	22.00
		25	0	20.30	20.43	20.39	22.00
		25	13	20.33	20.37	20.36	22.00
		25	25	20.34	20.38	20.36	22.00
		50	0	20.41	20.42	20.39	22.00
	64QAM	1	0	20.29	20.32	20.18	22.00
		1	25	20.24	20.26	20.19	22.00
		1	49	20.21	20.27	20.31	22.00
		25	0	20.21	20.21	20.25	22.00
		25	13	20.15	20.30	20.21	22.00
		25	25	20.18	20.31	20.32	22.00
		50	0	20.18	20.21	20.18	22.00

LTE Band 7 Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	17.34	17.36	17.43	18.80
		1	13	17.38	17.36	17.47	18.80
		1	24	17.34	17.41	17.45	18.80
		12	0	17.32	17.45	17.66	18.80
		12	6	17.39	17.43	17.56	18.80
		12	13	17.39	17.37	17.44	18.80
		25	0	17.38	17.35	17.49	18.80
	16QAM	1	0	17.33	17.34	17.40	18.80
		1	13	17.31	17.34	17.45	18.80
		1	24	17.33	17.32	17.46	18.80
		12	0	17.37	17.48	17.64	18.80
		12	6	17.45	17.45	17.58	18.80
		12	13	17.46	17.36	17.47	18.80
		25	0	17.36	17.43	17.48	18.80
	64QAM	1	0	17.45	17.27	17.38	18.80
		1	13	17.50	17.33	17.44	18.80
		1	24	17.30	17.28	17.43	18.80
		12	0	17.34	17.48	17.42	18.80
		12	6	17.42	17.28	17.33	18.80
		12	13	17.30	17.47	17.34	18.80
		25	0	17.27	17.35	17.43	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	17.29	17.48	17.87	18.80
		1	25	17.31	17.56	17.65	18.80
		1	49	17.61	17.55	17.69	18.80
		25	0	17.33	17.53	17.67	18.80
		25	13	17.42	17.40	17.62	18.80
		25	25	17.48	17.49	17.50	18.80
		50	0	17.43	17.43	17.57	18.80
	16QAM	1	0	17.32	17.40	17.45	18.80
		1	25	17.34	17.36	17.53	18.80
		1	49	17.44	17.42	17.48	18.80
		25	0	17.34	17.44	17.61	18.80
		25	13	17.40	17.42	17.53	18.80
		25	25	17.50	17.42	17.45	18.80
		50	0	17.45	17.43	17.62	18.80
	64QAM	1	0	17.30	17.28	17.44	18.80
		1	25	17.42	17.45	17.40	18.80
		1	49	17.40	17.49	17.42	18.80
		25	0	17.31	17.35	17.50	18.80
		25	13	17.44	17.45	17.37	18.80
		25	25	17.39	17.36	17.32	18.80
		50	0	17.39	17.37	17.27	18.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.53	17.81	17.50	18.80
		1	38	17.95	17.89	17.72	18.80
		1	74	18.05	17.92	17.54	18.80
		36	0	17.40	17.46	17.48	18.80
		36	18	17.47	17.45	17.54	18.80
		36	39	17.56	17.37	17.50	18.80
		75	0	17.55	17.44	17.49	18.80
	16QAM	1	0	17.25	17.33	17.27	18.80
		1	38	17.40	17.47	17.43	18.80
		1	74	17.57	17.44	17.50	18.80
		36	0	17.38	17.47	17.48	18.80
		36	18	17.47	17.43	17.56	18.80
		36	39	17.55	17.45	17.50	18.80
		75	0	17.52	17.50	17.49	18.80
	64QAM	1	0	17.42	17.37	17.44	18.80
		1	38	17.27	17.43	17.49	18.80
		1	74	17.35	17.52	17.37	18.80
		36	0	17.35	17.46	17.40	18.80
		36	18	17.32	17.51	17.39	18.80
		36	39	17.39	17.38	17.50	18.80
		75	0	17.28	17.45	17.43	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.88	17.76	17.86	18.80
		1	50	18.04	18.02	18.07	18.80
		1	99	18.20	18.01	18.12	18.80
		50	0	17.46	17.50	17.59	18.80
		50	25	17.55	**17.69**	17.63	18.80
		50	50	17.68	17.47	17.48	18.80
		100	0	17.56	17.50	17.55	18.80
	16QAM	1	0	17.40	17.39	17.42	18.80
		1	50	17.55	17.53	17.65	18.80
		1	99	17.52	17.53	17.66	18.80
		50	0	17.45	17.54	17.54	18.80
		50	25	17.67	17.57	17.62	18.80
		50	50	17.66	17.45	17.47	18.80
		100	0	17.60	17.54	17.53	18.80
	64QAM	1	0	17.47	17.41	17.34	18.80
		1	50	17.36	17.52	17.31	18.80
		1	99	17.44	17.50	17.30	18.80
		50	0	17.36	17.28	17.36	18.80
		50	25	17.32	17.34	17.41	18.80
		50	50	17.43	17.46	17.45	18.80
		100	0	17.39	17.42	17.35	18.80

LTE Band 7 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	16.47	16.50	16.39	17.80
		1	13	16.47	16.37	16.41	17.80
		1	24	16.57	16.54	16.62	17.80
		12	0	16.43	16.55	16.65	17.80
		12	6	16.45	16.51	16.59	17.80
		12	13	16.44	16.39	16.52	17.80
		25	0	16.51	16.47	16.61	17.80
	16QAM	1	0	16.46	16.50	16.58	17.80
		1	13	16.49	16.51	16.55	17.80
		1	24	16.48	16.48	16.58	17.80
		12	0	16.44	16.50	16.62	17.80
		12	6	16.36	16.49	16.57	17.80
		12	13	16.41	16.41	16.43	17.80
		25	0	16.34	16.43	16.56	17.80
	64QAM	1	0	16.48	16.18	16.30	17.80
		1	13	16.29	16.06	16.37	17.80
		1	24	16.05	16.07	16.48	17.80
		12	0	16.06	16.37	16.31	17.80
		12	6	16.34	16.27	16.07	17.80
		12	13	16.15	16.27	16.23	17.80
		25	0	16.32	16.42	16.48	17.80
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	16.45	16.23	16.32	17.80
		1	25	16.55	16.35	16.60	17.80
		1	49	16.57	16.53	16.49	17.80
		25	0	16.41	16.49	16.69	17.80
		25	13	16.48	16.43	16.57	17.80
		25	25	16.54	16.45	16.44	17.80
		50	0	16.50	16.54	16.51	17.80
	16QAM	1	0	16.30	16.36	16.43	17.80
		1	25	16.38	16.43	16.54	17.80
		1	49	16.47	16.46	16.50	17.80
		25	0	16.39	16.43	16.58	17.80
		25	13	16.44	16.44	16.56	17.80
		25	25	16.49	16.43	16.44	17.80
		50	0	16.49	16.46	16.52	17.80
	64QAM	1	0	16.22	16.17	16.18	17.80
		1	25	16.48	16.16	16.10	17.80
		1	49	16.20	16.44	16.31	17.80
		25	0	16.33	16.30	16.36	17.80
		25	13	16.27	16.47	16.34	17.80
		25	25	16.44	16.33	16.27	17.80
		50	0	16.34	16.15	16.28	17.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.34	16.33	16.34	17.80
		1	38	16.58	16.46	16.49	17.80
		1	74	16.53	16.42	16.68	17.80
		36	0	16.34	16.41	16.47	17.80
		36	18	16.46	16.42	16.48	17.80
		36	39	16.53	16.42	16.44	17.80
		75	0	16.44	16.38	16.37	17.80
	16QAM	1	0	16.32	16.29	16.32	17.80
		1	38	16.48	16.35	16.49	17.80
		1	74	16.57	16.38	16.50	17.80
		36	0	16.31	16.37	16.45	17.80
		36	18	16.45	16.37	16.51	17.80
		36	39	16.57	16.38	16.43	17.80
		75	0	16.49	16.41	16.52	17.80
	64QAM	1	0	16.36	16.33	16.17	17.80
		1	38	16.33	16.41	16.48	17.80
		1	74	16.08	16.10	16.23	17.80
		36	0	16.43	16.38	16.37	17.80
		36	18	16.07	16.13	16.39	17.80
		36	39	16.12	16.26	16.21	17.80
		75	0	16.20	16.38	16.26	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.15	16.26	16.30	17.80
		1	50	**16.58**	16.41	16.39	17.80
		1	99	16.30	16.41	16.45	17.80
		50	0	16.43	16.42	16.49	17.80
		50	25	16.54	16.53	16.53	17.80
		50	50	16.61	16.31	16.31	17.80
		100	0	16.44	16.37	16.41	17.80
	16QAM	1	0	16.28	16.19	16.29	17.80
		1	50	16.48	16.33	16.46	17.80
		1	99	16.38	16.38	16.53	17.80
		50	0	16.34	16.38	16.48	17.80
		50	25	16.46	16.48	16.55	17.80
		50	50	16.59	16.33	16.39	17.80
		100	0	16.44	16.43	16.43	17.80
	64QAM	1	0	16.25	16.28	16.32	17.80
		1	50	16.18	16.40	16.32	17.80
		1	99	16.46	16.26	16.37	17.80
		50	0	16.09	16.18	16.15	17.80
		50	25	16.31	16.24	16.34	17.80
		50	50	16.33	16.29	16.14	17.80
		100	0	16.13	16.30	16.21	17.80

LTE Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	23.35	23.37	23.21	24.80
		1	2	23.41	23.31	23.25	24.80
		1	5	23.46	23.39	23.46	24.80
		3	0	23.36	23.35	23.24	24.80
		3	2	23.39	23.35	23.35	24.80
		3	3	23.48	23.36	23.38	24.80
		6	0	22.33	22.41	22.32	23.80
	16QAM	1	0	22.45	22.63	22.51	23.80
		1	2	22.52	22.41	22.20	23.80
		1	5	22.81	22.60	22.79	23.80
		3	0	22.39	22.43	22.39	23.80
		3	2	22.42	22.43	22.29	23.80
		3	3	22.39	22.38	22.35	23.80
		6	0	21.56	21.41	21.46	22.80
	64QAM	1	0	21.48	21.37	21.42	22.80
		1	2	21.36	21.55	21.52	22.80
		1	5	21.52	21.32	21.47	22.80
		3	0	21.54	21.31	21.41	22.80
		3	2	21.46	21.56	21.47	22.80
		3	3	21.38	21.41	21.52	22.80
		6	0	20.45	20.46	20.53	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	23.23	23.36	23.24	24.80
		1	7	23.26	23.38	23.27	24.80
		1	14	23.43	23.32	23.27	24.80
		8	0	22.31	22.29	22.29	23.80
		8	4	22.33	22.30	22.27	23.80
		8	7	22.34	22.24	22.23	23.80
		15	0	22.31	22.26	22.32	23.80
	16QAM	1	0	22.72	22.82	22.49	23.80
		1	7	22.72	22.90	22.20	23.80
		1	14	22.77	22.58	22.91	23.80
		8	0	21.36	21.39	21.39	22.80
		8	4	21.32	21.43	21.45	22.80
		8	7	21.31	21.42	21.40	22.80
		15	0	21.49	21.23	21.26	22.80
	64QAM	1	0	21.52	21.48	21.39	22.80
		1	7	21.34	21.39	21.37	22.80
		1	14	21.55	21.44	21.47	22.80
		8	0	20.52	20.38	20.31	21.80
		8	4	20.44	20.43	20.35	21.80
		8	7	20.48	20.42	20.50	21.80
		15	0	20.47	20.40	20.49	21.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.28	23.34	23.26	24.80
		1	13	23.28	23.39	23.26	24.80
		1	24	23.46	23.32	23.40	24.80
		12	0	22.38	22.44	22.32	23.80
		12	6	22.30	22.33	22.32	23.80
		12	13	22.37	22.32	22.23	23.80
		25	0	22.29	22.35	22.41	23.80
	16QAM	1	0	22.48	22.24	22.61	23.80
		1	13	22.30	22.54	22.21	23.80
		1	24	22.94	22.60	22.79	23.80
		12	0	21.36	21.41	21.31	22.80
		12	6	21.21	21.29	21.22	22.80
		12	13	21.28	21.35	21.21	22.80
		25	0	21.30	21.24	21.23	22.80
	64QAM	1	0	21.42	21.53	21.56	22.80
		1	13	21.48	21.48	21.47	22.80
		1	24	21.42	21.48	21.49	22.80
		12	0	20.44	20.38	20.50	21.80
		12	6	20.39	20.46	20.51	21.80
		12	13	20.38	20.47	20.49	21.80
		25	0	20.52	20.52	20.40	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.26	23.33	23.33	24.80
		1	25	23.33	23.36	23.45	24.80
		1	49	23.27	23.52	23.51	24.80
		25	0	22.33	22.40	22.35	23.80
		25	13	22.33	22.37	22.38	23.80
		25	25	22.39	**22.45**	22.37	23.80
		50	0	22.34	22.41	22.39	23.80
	16QAM	1	0	22.52	22.52	22.80	23.80
		1	25	22.83	22.33	22.93	23.80
		1	49	22.36	22.66	22.95	23.80
		25	0	21.34	21.40	21.27	22.80
		25	13	21.35	21.27	21.44	22.80
		25	25	21.34	21.43	21.45	22.80
		50	0	21.37	21.28	21.33	22.80
	64QAM	1	0	21.40	21.40	21.53	22.80
		1	25	21.54	21.56	21.41	22.80
		1	49	21.51	21.45	21.37	22.80
		25	0	20.56	20.53	20.56	21.80
		25	13	20.40	20.53	20.40	21.80
		25	25	20.35	20.45	20.52	21.80
		50	0	20.47	20.39	20.52	21.80

LTE Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	22.90	22.97	23.02	24.80
		1	13	22.93	23.01	22.98	24.80
		1	24	23.02	22.98	22.93	24.80
		12	0	22.05	22.00	22.02	23.80
		12	6	22.01	21.99	21.98	23.80
		12	13	22.04	22.02	21.92	23.80
		25	0	22.09	22.02	21.96	23.80
	16QAM	1	0	22.54	22.36	22.67	23.80
		1	13	22.71	22.11	22.53	23.80
		1	24	22.32	22.27	22.00	23.80
		12	0	21.03	20.94	21.03	22.80
		12	6	21.04	20.98	21.02	22.80
		12	13	21.06	21.01	20.85	22.80
		25	0	20.97	21.02	20.90	22.80
	64QAM	1	0	21.18	21.01	21.22	22.80
		1	13	21.17	21.25	21.27	22.80
		1	24	21.13	21.12	21.16	22.80
		12	0	20.22	20.18	20.21	21.80
		12	6	20.12	20.11	20.09	21.80
		12	13	20.07	20.04	20.22	21.80
		25	0	20.07	20.22	20.08	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	22.92	22.91	22.96	24.80
		1	25	23.10	23.15	23.05	24.80
		1	49	23.04	23.03	23.08	24.80
		25	0	**22.09**	22.06	22.04	23.80
		25	13	22.06	21.99	22.07	23.80
		25	25	22.06	22.08	22.04	23.80
		50	0	22.10	22.11	22.02	23.80
	16QAM	1	0	22.54	22.62	22.56	23.80
		1	25	22.34	22.63	22.26	23.80
		1	49	22.70	22.27	22.82	23.80
		25	0	21.06	20.95	20.96	22.80
		25	13	21.08	20.97	21.01	22.80
		25	25	21.11	21.14	20.94	22.80
		50	0	21.11	21.04	21.01	22.80
	64QAM	1	0	21.08	21.27	21.27	22.80
		1	25	21.07	21.09	21.20	22.80
		1	49	21.13	21.23	21.27	22.80
		25	0	20.27	20.12	20.22	21.80
		25	13	20.04	20.12	20.12	21.80
		25	25	20.27	20.06	20.25	21.80
		50	0	20.24	20.21	20.11	21.80

LTE Band 26 Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	23.24	23.26	23.34	25.00
		1	2	23.38	23.44	23.20	25.00
		1	5	23.30	23.16	23.33	25.00
		3	0	23.34	23.31	23.28	25.00
		3	2	23.29	23.31	23.34	25.00
		3	3	23.38	23.29	23.27	25.00
		6	0	22.31	22.36	22.31	24.00
	16QAM	1	0	22.69	22.34	22.66	24.00
		1	2	22.24	22.49	22.44	24.00
		1	5	22.37	22.70	22.45	24.00
		3	0	22.38	22.35	22.29	24.00
		3	2	22.34	22.25	22.32	24.00
		3	3	22.43	22.41	22.40	24.00
		6	0	21.30	21.35	21.33	23.00
	64QAM	1	0	21.39	21.38	21.23	23.00
		1	2	21.38	21.30	21.41	23.00
		1	5	21.25	21.42	21.36	23.00
		3	0	21.29	21.30	21.41	23.00
		3	2	21.21	21.37	21.44	23.00
		3	3	21.36	21.40	21.40	23.00
		6	0	20.38	20.21	20.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	23.23	23.34	23.31	25.00
		1	7	23.28	23.35	23.22	25.00
		1	14	23.31	23.35	23.31	25.00
		8	0	22.29	22.23	22.32	24.00
		8	4	22.26	22.23	22.27	24.00
		8	7	22.30	22.27	22.31	24.00
		15	0	22.29	22.31	22.29	24.00
	16QAM	1	0	22.20	22.48	22.38	24.00
		1	7	22.69	22.25	22.65	24.00
		1	14	22.49	22.59	22.17	24.00
		8	0	21.35	21.40	21.30	23.00
		8	4	21.23	21.33	21.29	23.00
		8	7	21.40	21.34	21.41	23.00
		15	0	21.22	21.35	21.39	23.00
	64QAM	1	0	21.42	21.32	21.34	23.00
		1	7	21.43	21.32	21.44	23.00
		1	14	21.29	21.31	21.47	23.00
		8	0	20.23	20.34	20.44	22.00
		8	4	20.40	20.36	20.43	22.00
		8	7	20.41	20.25	20.45	22.00

		15	0	20.35	20.30	20.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.26	23.29	23.22	25.00
		1	13	23.31	23.51	23.19	25.00
		1	24	23.29	23.33	23.23	25.00
		12	0	22.28	22.34	22.31	24.00
		12	6	22.30	22.30	22.31	24.00
		12	13	22.27	22.25	22.28	24.00
		25	0	22.25	22.32	22.32	24.00
	16QAM	1	0	22.42	22.41	22.26	24.00
		1	13	22.67	22.43	22.34	24.00
		1	24	22.22	22.52	22.42	24.00
		12	0	21.19	21.29	21.24	23.00
		12	6	21.34	21.32	21.25	23.00
		12	13	21.24	21.19	21.25	23.00
		25	0	21.26	21.33	21.27	23.00
	64QAM	1	0	21.33	21.42	21.28	23.00
		1	13	21.30	21.43	21.39	23.00
		1	24	21.47	21.22	21.27	23.00
		12	0	20.47	20.33	20.28	22.00
		12	6	20.44	20.42	20.28	22.00
		12	13	20.21	20.44	20.22	22.00
		25	0	20.43	20.21	20.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.26	23.21	23.34	25.00
		1	25	23.36	23.34	23.28	25.00
		1	49	23.25	23.40	23.31	25.00
		25	0	22.39	22.31	22.34	24.00
		25	13	22.32	22.28	22.35	24.00
		25	25	22.34	22.30	22.31	24.00
		50	0	22.42	22.36	22.40	24.00
	16QAM	1	0	22.47	22.73	22.77	24.00
		1	25	22.55	22.82	22.43	24.00
		1	49	22.69	22.46	22.51	24.00
		25	0	21.40	21.35	21.36	23.00
		25	13	21.27	21.33	21.37	23.00
		25	25	21.43	21.32	21.34	23.00
		50	0	21.35	21.35	21.28	23.00
	64QAM	1	0	21.28	21.27	21.30	23.00
		1	25	21.28	21.33	21.46	23.00
		1	49	21.21	21.25	21.21	23.00
		25	0	20.30	20.36	20.41	22.00
		25	13	20.27	20.41	20.22	22.00
		25	25	20.35	20.37	20.47	22.00
		50	0	20.22	20.45	20.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.24	23.34	23.20	25.00

		1	38	23.47	23.36	23.52	25.00
		1	74	23.56	23.59	23.29	25.00
		36	0	**22.48**	22.37	22.38	24.00
		36	18	22.39	22.39	22.45	24.00
		36	39	22.42	22.42	22.47	24.00
		75	0	22.47	22.44	22.44	24.00
	16QAM	1	0	22.72	22.81	22.74	24.00
		1	38	22.66	22.36	22.39	24.00
		1	74	22.98	22.66	22.81	24.00
		36	0	21.40	21.39	21.37	23.00
		36	18	21.39	21.43	21.45	23.00
		36	39	21.45	21.39	21.49	23.00
		75	0	21.42	21.39	21.47	23.00
	64QAM	1	0	21.27	21.26	21.25	23.00
		1	38	21.24	21.44	21.44	23.00
		1	74	21.27	21.32	21.32	23.00
		36	0	20.35	20.34	20.45	22.00
		36	18	20.36	20.24	20.27	22.00
		36	39	20.46	20.21	20.36	22.00
		75	0	20.44	20.22	20.43	22.00

LTE Band 26 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	22.09	22.08	22.07	23.50
		1	2	22.12	22.24	22.06	23.50
		1	5	22.08	22.14	22.29	23.50
		3	0	22.08	22.12	22.08	23.50
		3	2	22.08	22.12	22.13	23.50
		3	3	22.13	22.16	22.11	23.50
		6	0	22.06	22.09	22.13	23.50
	16QAM	1	0	22.20	22.22	22.13	23.50
		1	2	22.03	22.24	22.01	23.50
		1	5	22.19	22.00	22.26	23.50
		3	0	22.17	22.04	22.06	23.50
		3	2	22.13	22.15	21.83	23.50
		3	3	22.06	22.17	22.04	23.50
		6	0	21.30	21.35	21.33	23.00
	64QAM	1	0	21.39	21.38	21.23	23.00
		1	2	21.38	21.30	21.41	23.00
		1	5	21.25	21.42	21.36	23.00
		3	0	21.29	21.30	21.41	23.00
		3	2	21.21	21.37	21.44	23.00
		3	3	21.36	21.40	21.40	23.00
		6	0	20.38	20.21	20.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	22.46	22.53	22.44	23.50
		1	7	22.48	22.51	22.49	23.50
		1	14	22.47	22.41	22.51	23.50
		8	0	22.44	22.47	22.42	23.50
		8	4	22.43	22.47	22.46	23.50
		8	7	22.43	22.50	22.35	23.50
		15	0	22.42	22.47	22.48	23.50
	16QAM	1	0	22.28	22.12	22.27	23.50
		1	7	22.20	21.94	22.21	23.50
		1	14	22.22	22.29	22.11	23.50
		8	0	21.35	21.40	21.30	23.00
		8	4	21.23	21.33	21.29	23.00
		8	7	21.40	21.34	21.41	23.00
		15	0	21.22	21.35	21.39	23.00
	64QAM	1	0	21.42	21.32	21.34	23.00
		1	7	21.43	21.32	21.44	23.00
		1	14	21.29	21.31	21.47	23.00
		8	0	20.23	20.34	20.44	22.00
		8	4	20.40	20.36	20.43	22.00
		8	7	20.41	20.25	20.45	22.00
		15	0	20.35	20.30	20.38	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.49	22.46	22.41	23.50
		1	13	22.40	22.50	22.45	23.50
		1	24	22.54	22.51	22.40	23.50
		12	0	22.43	22.47	22.44	23.50
		12	6	22.41	22.39	22.40	23.50
		12	13	22.34	22.41	22.42	23.50
		25	0	22.41	22.40	22.42	23.50
	16QAM	1	0	22.20	22.20	22.21	23.50
		1	13	22.23	22.25	22.15	23.50
		1	24	22.04	22.27	22.18	23.50
		12	0	21.19	21.29	21.24	23.00
		12	6	21.34	21.32	21.25	23.00
		12	13	21.24	21.19	21.25	23.00
		25	0	21.26	21.33	21.27	23.00
	64QAM	1	0	21.33	21.42	21.28	23.00
		1	13	21.30	21.43	21.39	23.00
		1	24	21.47	21.22	21.27	23.00
		12	0	20.47	20.33	20.28	22.00
		12	6	20.44	20.42	20.28	22.00
		12	13	20.21	20.44	20.22	22.00
		25	0	20.43	20.21	20.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.44	22.41	22.43	23.50
		1	25	22.48	22.40	22.41	23.50
		1	49	22.37	22.43	22.45	23.50
		25	0	22.51	22.45	22.43	23.50
		25	13	22.43	22.43	22.43	23.50
		25	25	22.49	22.32	22.42	23.50
		50	0	22.54	22.41	22.46	23.50
	16QAM	1	0	22.18	22.00	22.02	23.50
		1	25	22.21	21.99	22.07	23.50
		1	49	22.23	22.02	21.95	23.50
		25	0	21.40	21.35	21.36	23.00
		25	13	21.27	21.33	21.37	23.00
		25	25	21.43	21.32	21.34	23.00
		50	0	21.35	21.35	21.28	23.00
	64QAM	1	0	21.28	21.27	21.30	23.00
		1	25	21.28	21.33	21.46	23.00
		1	49	21.21	21.25	21.21	23.00
		25	0	20.30	20.36	20.41	22.00
		25	13	20.27	20.41	20.22	22.00
		25	25	20.35	20.37	20.47	22.00
		50	0	20.22	20.45	20.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.27	22.32	22.27	23.50
		1	38	22.38	22.35	22.36	23.50

		1	74	22.31	22.66	22.34	23.50
		36	0	22.42	22.32	22.43	23.50
		36	18	22.37	22.41	22.37	23.50
		36	39	**22.56**	22.35	22.40	23.50
		75	0	22.48	22.42	22.46	23.50
	16QAM	1	0	21.99	22.01	22.09	23.50
		1	38	22.07	22.03	22.26	23.50
		1	74	22.09	22.19	22.11	23.50
		36	0	21.40	21.39	21.37	23.00
		36	18	21.39	21.43	21.45	23.00
		36	39	21.45	21.39	21.49	23.00
		75	0	21.42	21.39	21.47	23.00
	64QAM	1	0	21.27	21.26	21.25	23.00
		1	38	21.24	21.44	21.44	23.00
		1	74	21.27	21.32	21.32	23.00
		36	0	20.35	20.34	20.45	22.00
		36	18	20.36	20.24	20.27	22.00
		36	39	20.46	20.21	20.36	22.00
		75	0	20.44	20.22	20.43	22.00

LTE Band 38 Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	20.73	20.73	20.74	22.20
		1	13	20.74	20.79	20.71	22.20
		1	24	20.69	20.78	20.72	22.20
		12	0	20.69	20.61	20.65	22.20
		12	6	20.61	20.68	20.64	22.20
		12	13	20.60	20.62	20.65	22.20
		25	0	20.73	20.81	20.76	22.20
	16QAM	1	0	20.68	20.63	20.67	22.20
		1	13	20.68	20.76	20.63	22.20
		1	24	20.69	20.72	20.71	22.20
		12	0	20.69	20.70	20.71	22.20
		12	6	20.67	20.70	20.62	22.20
		12	13	20.71	20.75	20.69	22.20
		25	0	20.74	20.66	20.75	22.20
	64QAM	1	0	20.54	20.62	20.70	22.20
		1	13	20.48	20.61	20.66	22.20
		1	24	20.50	20.72	20.60	22.20
		12	0	19.62	19.69	19.71	21.20
		12	6	19.77	19.62	19.77	21.20
		12	13	19.63	19.74	19.64	21.20
		25	0	19.70	19.77	19.77	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	20.69	20.76	20.68	22.20
		1	25	20.71	20.78	20.77	22.20
		1	49	20.71	20.75	20.71	22.20
		25	0	20.66	20.76	20.72	22.20
		25	13	20.67	20.73	20.73	22.20
		25	25	20.74	20.72	20.75	22.20
		50	0	20.68	20.76	20.70	22.20
	16QAM	1	0	20.66	20.72	20.61	22.20
		1	25	20.71	20.73	20.69	22.20
		1	49	20.69	20.71	20.65	22.20
		25	0	20.71	20.66	20.70	22.20
		25	13	20.63	20.67	20.66	22.20
		25	25	20.68	20.73	20.72	22.20
		50	0	20.69	20.65	20.74	22.20
	64QAM	1	0	20.59	20.65	20.48	22.20
		1	25	20.62	20.47	20.70	22.20
		1	49	20.64	20.62	20.51	22.20
		25	0	19.66	19.71	19.62	21.20
		25	13	19.69	19.76	19.64	21.20
		25	25	19.72	19.70	19.75	21.20
		50	0	19.73	19.64	19.77	21.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.66	20.70	20.69	22.20
		1	38	20.73	20.77	20.71	22.20
		1	74	20.74	20.70	20.68	22.20
		36	0	20.63	20.63	20.58	22.20
		36	18	20.70	20.73	20.63	22.20
		36	39	20.66	20.74	20.61	22.20
		75	0	20.65	20.74	20.67	22.20
	16QAM	1	0	20.66	20.64	20.61	22.20
		1	38	20.69	20.75	20.64	22.20
		1	74	20.71	20.69	20.63	22.20
		36	0	20.65	20.66	20.60	22.20
		36	18	20.64	20.73	20.61	22.20
		36	39	20.68	20.72	20.64	22.20
		75	0	20.65	20.74	20.62	22.20
	64QAM	1	0	20.41	20.54	20.58	22.20
		1	38	20.45	20.58	20.57	22.20
		1	74	20.54	20.42	20.47	22.20
		36	0	19.68	19.73	19.64	21.20
		36	18	19.62	19.64	19.68	21.20
		36	39	19.64	19.77	19.72	21.20
		75	0	19.66	19.65	19.66	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.65	20.65	20.66	22.20
		1	50	20.73	**20.76**	20.68	22.20
		1	99	20.65	20.69	20.63	22.20
		50	0	20.63	20.77	20.74	22.20
		50	25	20.74	20.70	20.73	22.20
		50	50	20.76	20.70	20.68	22.20
		100	0	20.75	20.73	20.69	22.20
	16QAM	1	0	20.63	20.64	20.59	22.20
		1	50	20.68	20.73	20.63	22.20
		1	99	20.66	20.64	20.57	22.20
		50	0	20.66	20.73	20.72	22.20
		50	25	20.74	20.73	20.57	22.20
		50	50	20.69	20.72	20.65	22.20
		100	0	20.63	20.68	20.67	22.20
	64QAM	1	0	20.72	20.61	20.70	22.20
		1	50	20.53	20.67	20.59	22.20
		1	99	20.65	20.70	20.56	22.20
		50	0	19.73	19.76	19.71	21.20
		50	25	19.75	19.75	19.69	21.20
		50	50	19.62	19.75	19.63	21.20
		100	0	19.66	19.72	19.66	21.20

LTE Band 38 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	18.72	18.73	18.77	20.20
		1	13	18.73	18.76	18.74	20.20
		1	24	18.71	18.80	18.74	20.20
		12	0	18.70	18.65	18.66	20.20
		12	6	18.66	18.66	18.64	20.20
		12	13	18.62	18.72	18.65	20.20
		25	0	18.69	18.78	18.76	20.20
	16QAM	1	0	18.66	18.64	18.69	20.20
		1	13	18.72	18.79	18.66	20.20
		1	24	18.67	18.74	18.66	20.20
		12	0	18.75	18.71	18.69	20.20
		12	6	18.75	18.70	18.70	20.20
		12	13	18.68	18.74	18.73	20.20
		25	0	18.71	18.72	18.67	20.20
	64QAM	1	0	18.49	18.59	18.58	20.20
		1	13	18.46	18.41	18.39	20.20
		1	24	18.40	18.35	18.42	20.20
		12	0	18.53	18.41	18.35	20.20
		12	6	18.65	18.57	18.46	20.20
		12	13	18.35	18.47	18.41	20.20
		25	0	18.46	18.65	18.55	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	18.73	18.78	18.67	20.20
		1	25	18.70	18.71	18.74	20.20
		1	49	18.74	18.70	18.70	20.20
		25	0	18.73	18.77	18.75	20.20
		25	13	18.70	18.75	18.72	20.20
		25	25	18.71	18.73	18.88	20.20
		50	0	18.72	18.69	18.67	20.20
	16QAM	1	0	18.66	18.71	18.63	20.20
		1	25	18.70	18.74	18.65	20.20
		1	49	18.66	18.70	18.67	20.20
		25	0	18.62	18.68	18.72	20.20
		25	13	18.69	18.70	18.73	20.20
		25	25	18.75	18.72	18.73	20.20
		50	0	18.68	18.70	18.75	20.20
	64QAM	1	0	18.54	18.36	18.52	20.20
		1	25	18.46	18.48	18.38	20.20
		1	49	18.64	18.58	18.61	20.20
		25	0	18.46	18.51	18.53	20.20
		25	13	18.44	18.37	18.56	20.20
		25	25	18.45	18.50	18.63	20.20
		50	0	18.50	18.52	18.64	20.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.68	18.70	18.67	20.20
		1	38	18.73	18.77	18.71	20.20
		1	74	18.75	18.71	18.66	20.20
		36	0	18.68	18.69	18.59	20.20
		36	18	18.70	18.69	18.68	20.20
		36	39	18.69	18.68	18.60	20.20
		75	0	18.69	18.70	18.70	20.20
	16QAM	1	0	18.66	18.65	18.67	20.20
		1	38	18.69	18.74	18.68	20.20
		1	74	18.71	18.68	18.63	20.20
		36	0	18.66	18.68	18.61	20.20
		36	18	18.64	18.71	18.67	20.20
		36	39	18.63	18.67	18.64	20.20
		75	0	18.73	18.71	18.64	20.20
	64QAM	1	0	18.36	18.54	18.60	20.20
		1	38	18.49	18.53	18.63	20.20
		1	74	18.43	18.37	18.39	20.20
		36	0	18.62	18.60	18.37	20.20
		36	18	18.35	18.39	18.39	20.20
		36	39	18.35	18.53	18.36	20.20
		75	0	18.63	18.37	18.44	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.65	18.67	18.60	20.20
		1	50	18.72	**18.76**	18.69	20.20
		1	99	18.68	18.66	18.63	20.20
		50	0	18.71	18.80	18.76	20.20
		50	25	18.74	18.71	18.73	20.20
		50	50	18.76	18.70	18.74	20.20
		100	0	18.68	18.66	18.69	20.20
	16QAM	1	0	18.62	18.62	18.59	20.20
		1	50	18.70	18.70	18.64	20.20
		1	99	18.64	18.65	18.62	20.20
		50	0	18.63	18.68	18.77	20.20
		50	25	18.74	18.76	18.74	20.20
		50	50	18.68	18.70	18.64	20.20
		100	0	18.68	18.70	18.62	20.20
	64QAM	1	0	18.51	18.37	18.35	20.20
		1	50	18.44	18.50	18.58	20.20
		1	99	18.56	18.65	18.57	20.20
		50	0	18.49	18.36	18.56	20.20
		50	25	18.44	18.37	18.61	20.20
		50	50	18.41	18.50	18.38	20.20
		100	0	18.49	18.50	18.43	20.20

LTE Band 41(class 3) Receiver off/Hotspot off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.53	21.44	21.47	21.31	21.49	22.50
		1	13	21.54	21.43	21.45	21.39	21.46	22.50
		1	24	21.51	21.38	21.46	21.39	21.39	22.50
		12	0	20.55	20.44	20.48	20.38	20.46	21.50
		12	6	20.53	20.38	20.46	20.34	20.44	21.50
		12	13	20.56	20.38	20.44	20.37	20.42	21.50
		25	0	20.52	20.38	20.40	20.45	20.44	21.50
	16QAM	1	0	20.54	20.43	20.51	20.36	20.45	21.50
		1	13	20.57	20.45	20.52	20.37	20.44	21.50
		1	24	20.58	20.40	20.45	20.43	20.45	21.50
		12	0	19.50	19.36	19.38	19.31	19.39	20.50
		12	6	19.47	19.35	19.37	19.27	19.35	20.50
		12	13	19.49	19.34	19.39	19.32	19.34	20.50
		25	0	19.59	19.41	19.44	19.36	19.49	20.50
	64QAM	1	0	19.32	19.59	19.60	19.60	19.42	20.50
		1	13	19.54	19.55	19.46	19.61	19.48	20.50
		1	24	19.26	19.43	19.39	19.53	19.33	20.50
		12	0	18.26	18.41	18.50	18.59	18.61	19.50
		12	6	18.45	18.46	18.33	18.41	18.28	19.50
		12	13	18.46	18.33	18.29	18.35	18.30	19.50
		25	0	18.30	18.44	18.42	18.30	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.55	21.47	21.52	21.41	21.48	22.50
		1	25	21.54	21.41	21.48	21.43	21.49	22.50
		1	49	21.53	21.38	21.48	21.38	21.40	22.50
		25	0	20.53	20.41	20.46	20.43	20.50	21.50
		25	13	20.50	20.40	20.52	20.38	20.45	21.50
		25	25	20.54	20.38	20.47	20.40	20.45	21.50
		50	0	20.57	20.39	20.55	20.45	20.46	21.50
	16QAM	1	0	20.60	20.47	20.52	20.42	20.51	21.50
		1	25	20.58	20.44	20.47	20.43	20.51	21.50
		1	49	20.55	20.39	20.48	20.43	20.41	21.50
		25	0	19.55	19.47	19.46	19.42	19.50	20.50
		25	13	19.60	19.44	19.53	19.37	19.53	20.50
		25	25	19.56	19.43	19.56	19.40	19.49	20.50
		50	0	19.60	19.48	19.56	19.46	19.54	20.50
	64QAM	1	0	19.44	19.57	19.63	19.26	19.64	20.50
		1	25	19.30	19.62	19.49	19.37	19.45	20.50
		1	49	19.26	19.52	19.55	19.53	19.35	20.50
		25	0	18.29	18.60	18.55	18.34	18.63	19.50
		25	13	18.65	18.46	18.35	18.51	18.40	19.50
		25	25	18.47	18.37	18.59	18.52	18.25	19.50
		50	0	18.26	18.32	18.58	18.40	18.42	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.55	21.49	21.52	21.43	21.51	22.50
		1	38	21.60	21.46	21.52	21.43	21.51	22.50
		1	74	21.52	21.43	21.43	21.38	21.39	22.50
		36	0	20.50	20.41	20.44	20.42	20.44	21.50
		36	18	20.50	20.38	20.42	20.33	20.46	21.50
		36	39	20.53	20.42	20.43	20.41	20.40	21.50
		75	0	20.53	20.44	20.44	20.38	20.44	21.50
	16QAM	1	0	20.58	20.45	20.50	20.38	20.53	21.50
		1	38	20.59	20.46	20.54	20.41	20.45	21.50
		1	74	20.54	20.42	20.47	20.43	20.37	21.50
		36	0	19.47	19.34	19.39	19.34	19.46	20.50
		36	18	19.48	19.35	19.46	19.32	19.48	20.50
		36	39	19.52	19.36	19.42	19.39	19.42	20.50
		75	0	19.53	19.41	19.50	19.47	19.51	20.50
	64QAM	1	0	19.56	19.59	19.37	19.40	19.42	20.50
		1	38	19.55	19.58	19.64	19.35	19.26	20.50
		1	74	19.25	19.51	19.60	19.65	19.59	20.50
		36	0	18.43	18.62	18.41	18.36	18.42	19.50
		36	18	18.41	18.56	18.35	18.27	18.26	19.50
		36	39	18.32	18.25	18.63	18.27	18.30	19.50
		75	0	18.27	18.30	18.32	18.47	18.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.49	21.39	21.39	21.34	21.41	22.50
		1	50	21.56	21.36	21.78	21.36	21.47	22.50
		1	99	21.48	21.36	21.39	21.31	21.31	22.50
		50	0	20.51	20.48	20.43	20.46	20.53	21.50
		50	25	20.64	20.44	**20.71**	20.38	20.54	21.50
		50	50	20.60	20.42	20.48	20.44	20.47	21.50
		100	0	20.59	20.39	20.50	20.36	20.43	21.50
	16QAM	1	0	20.54	20.44	20.38	20.38	20.47	21.50
		1	50	20.63	20.42	20.53	20.40	20.52	21.50
		1	99	20.49	20.40	20.40	20.35	20.26	21.50
		50	0	19.52	19.46	19.50	19.40	19.54	20.50
		50	25	19.60	19.41	19.55	19.39	19.53	20.50
		50	50	19.61	19.40	19.45	19.40	19.46	20.50
		100	0	19.53	19.38	19.48	19.42	19.49	20.50
	64QAM	1	0	19.48	19.53	19.50	19.33	19.60	20.50
		1	50	19.47	19.43	19.64	19.46	19.52	20.50
		1	99	19.61	19.45	19.43	19.37	19.37	20.50
		50	0	18.64	18.28	18.50	18.57	18.42	19.50
		50	25	18.39	18.33	18.48	18.30	18.32	19.50
		50	50	18.39	18.47	18.46	18.53	18.53	19.50
		100	0	18.42	18.41	18.29	18.58	18.39	19.50

LTE Band 41(class 3) Receiver on/Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.88	18.81	18.82	18.75	19.06	19.50
		1	13	18.91	18.84	18.84	18.73	19.05	19.50
		1	24	18.91	18.85	18.79	18.69	18.98	19.50
		12	0	18.84	18.76	18.76	18.67	18.78	19.50
		12	6	18.79	18.68	18.74	18.63	18.77	19.50
		12	13	18.79	18.68	18.73	18.64	18.84	19.50
		25	0	18.90	18.84	18.77	18.68	19.09	19.50
	16QAM	1	0	18.83	18.78	18.70	18.61	18.96	19.50
		1	13	18.82	18.76	18.74	18.63	18.99	19.50
		1	24	18.77	18.69	18.71	18.66	18.85	19.50
		12	0	18.85	18.80	18.79	18.68	19.01	19.50
		12	6	18.85	18.79	18.76	18.65	18.88	19.50
		12	13	18.83	18.74	18.76	18.67	18.94	19.50
		25	0	18.91	18.84	18.74	18.63	18.83	19.50
	64QAM	1	0	18.71	18.61	18.74	18.89	18.68	19.50
		1	13	18.82	18.94	18.82	18.81	18.93	19.50
		1	24	18.66	18.80	18.80	18.90	18.75	19.50
		12	0	18.84	18.69	18.61	18.67	18.69	19.50
		12	6	18.89	18.94	18.77	18.80	18.58	19.50
		12	13	18.67	18.89	18.87	18.84	18.79	19.50
		25	0	18.90	18.74	18.95	18.72	18.87	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.01	18.94	18.92	18.85	18.94	19.50
		1	25	18.93	18.85	18.93	18.84	18.83	19.50
		1	49	18.85	18.80	18.85	18.75	18.75	19.50
		25	0	18.93	18.87	18.96	18.90	19.04	19.50
		25	13	18.90	18.83	19.01	18.95	18.82	19.50
		25	25	18.91	18.85	18.88	18.78	18.92	19.50
		50	0	19.01	18.92	18.99	18.90	19.08	19.50
	16QAM	1	0	19.02	18.91	18.99	18.89	19.02	19.50
		1	25	19.02	18.97	18.95	18.86	18.94	19.50
		1	49	18.91	18.83	18.91	18.83	18.87	19.50
		25	0	19.06	19.00	18.95	18.85	18.71	19.50
		25	13	18.98	18.93	19.01	18.91	19.02	19.50
		25	25	18.95	18.89	18.97	18.88	19.07	19.50
		50	0	18.98	18.91	18.97	18.91	19.00	19.50
	64QAM	1	0	18.81	18.79	18.62	18.81	18.58	19.50
		1	25	18.93	18.57	18.64	18.89	18.62	19.50
		1	49	18.81	18.79	18.88	18.63	18.95	19.50
		25	0	18.64	18.84	18.92	18.87	18.74	19.50
		25	13	18.78	18.94	18.88	18.60	18.93	19.50
		25	25	18.88	18.87	18.59	18.55	18.75	19.50
		50	0	18.87	18.68	18.60	18.84	18.90	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.85	18.77	18.78	18.72	18.95	19.50
		1	38	18.92	18.87	18.82	18.73	18.98	19.50
		1	74	18.88	18.81	18.76	18.68	19.06	19.50
		36	0	18.81	18.72	18.74	18.69	18.85	19.50
		36	18	18.85	18.74	18.76	18.65	18.94	19.50
		36	39	18.85	18.79	18.74	18.63	18.89	19.50
		75	0	18.90	18.85	18.76	18.70	18.91	19.50
	16QAM	1	0	18.82	18.71	18.73	18.62	18.87	19.50
		1	38	18.84	18.77	18.77	18.69	18.95	19.50
		1	74	18.81	18.73	18.71	18.64	18.92	19.50
		36	0	18.82	18.77	18.70	18.63	19.00	19.50
		36	18	18.80	18.71	18.76	18.68	18.79	19.50
		36	39	18.90	18.85	18.73	18.62	18.98	19.50
		75	0	18.91	18.86	18.71	18.64	19.02	19.50
	64QAM	1	0	18.87	18.73	18.77	18.71	18.87	19.50
		1	38	18.79	18.86	18.73	18.79	18.77	19.50
		1	74	18.88	18.71	18.90	18.94	18.95	19.50
		36	0	18.95	18.81	18.67	18.83	18.76	19.50
		36	18	18.88	18.85	18.82	18.88	18.63	19.50
		36	39	18.72	18.88	18.95	18.64	18.62	19.50
		75	0	18.64	18.95	18.91	18.74	18.81	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.85	18.77	18.89	18.59	18.93	19.50
		1	50	18.87	18.80	18.74	18.69	18.85	19.50
		1	99	19.01	18.68	**19.05**	18.59	18.85	19.50
		50	0	18.83	18.77	18.73	18.64	18.89	19.50
		50	25	18.91	18.83	**19.20**	18.73	18.90	19.50
		50	50	18.98	18.91	18.79	18.68	19.01	19.50
		100	0	18.82	18.71	18.74	18.65	18.84	19.50
	16QAM	1	0	18.85	18.78	18.74	18.64	18.89	19.50
		1	50	18.94	18.86	18.82	18.74	18.87	19.50
		1	99	18.86	18.80	18.67	18.62	18.94	19.50
		50	0	18.84	18.73	18.76	18.66	19.04	19.50
		50	25	18.89	18.83	18.78	18.68	18.94	19.50
		50	50	18.96	18.88	18.78	18.68	18.97	19.50
		100	0	18.87	18.81	18.80	18.69	18.99	19.50
	64QAM	1	0	18.71	18.66	18.56	18.88	18.72	19.50
		1	50	18.81	18.82	18.56	18.70	18.72	19.50
		1	99	18.59	18.75	18.91	18.73	18.70	19.50
		50	0	18.83	18.83	18.78	18.56	18.60	19.50
		50	25	18.85	18.90	18.82	18.95	18.87	19.50
		50	50	18.60	18.94	18.80	18.73	18.92	19.50
		100	0	18.74	18.57	18.78	18.81	18.70	19.50

LTE Band 41(class 2) Receiver off/Hotspot off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.11	24.10	24.17	24.05	24.06	25.50
		1	13	24.09	24.11	24.14	24.04	24.09	25.50
		1	24	24.08	24.08	24.16	24.11	24.14	25.50
		12	0	23.16	23.13	23.19	23.08	23.07	24.50
		12	6	23.17	23.17	23.18	23.02	23.03	24.50
		12	13	23.16	23.14	23.16	23.06	23.04	24.50
		25	0	23.31	23.12	23.19	23.05	23.03	24.50
	16QAM	1	0	23.28	23.27	23.28	23.18	23.15	24.50
		1	13	23.25	23.24	23.29	23.19	23.12	24.50
		1	24	23.27	23.29	23.18	23.21	23.16	24.50
		12	0	22.13	22.12	22.16	22.11	22.09	23.50
		12	6	22.12	22.08	22.19	22.16	22.07	23.50
		12	13	22.11	22.11	22.21	22.13	22.07	23.50
		25	0	22.26	22.18	22.26	22.24	22.22	23.50
	64QAM	1	0	22.38	22.37	22.37	22.15	22.26	23.50
		1	13	22.06	22.19	22.05	22.25	22.39	23.50
		1	24	22.31	22.38	22.38	22.51	22.33	23.50
		12	0	21.43	21.33	21.39	21.28	21.28	22.50
		12	6	21.54	21.31	21.36	21.49	21.15	22.50
		12	13	21.02	21.28	21.27	21.43	21.09	22.50
		25	0	21.50	21.13	21.39	21.07	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.11	24.08	24.15	24.08	24.03	25.50
		1	25	24.08	24.09	24.17	24.09	24.05	25.50
		1	49	24.07	24.02	24.19	24.03	24.01	25.50
		25	0	23.15	23.09	23.21	23.06	23.05	24.50
		25	13	23.11	23.13	23.19	23.04	23.01	24.50
		25	25	23.31	23.18	23.25	23.09	23.08	24.50
		50	0	23.16	23.14	23.22	23.12	23.07	24.50
	16QAM	1	0	23.17	23.14	23.21	23.11	23.06	24.50
		1	25	23.12	23.16	23.19	23.02	23.08	24.50
		1	49	23.14	23.19	23.25	23.15	23.06	24.50
		25	0	22.13	22.11	22.19	22.12	22.11	23.50
		25	13	22.11	22.17	22.17	22.14	22.14	23.50
		25	25	22.15	22.09	22.21	22.19	22.12	23.50
		50	0	22.12	22.07	22.19	22.14	22.12	23.50
	64QAM	1	0	22.11	22.24	22.14	22.47	22.03	23.50
		1	25	22.55	22.14	22.13	22.14	22.25	23.50
		1	49	22.30	22.52	22.23	22.53	22.51	23.50
		25	0	21.26	21.38	21.52	21.28	21.20	22.50
		25	13	21.04	21.07	21.26	21.31	21.06	22.50
		25	25	21.43	21.41	21.17	21.15	21.47	22.50
		50	0	21.51	21.41	21.30	21.18	21.42	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.07	24.03	24.12	23.98	23.97	25.50
		1	38	24.11	24.08	24.15	24.12	24.03	25.50
		1	74	24.08	24.03	24.17	24.09	23.95	25.50
		36	0	23.14	23.12	23.18	23.05	22.99	24.50
		36	18	23.15	23.13	23.17	23.07	23.01	24.50
		36	39	23.18	23.15	23.21	23.10	23.02	24.50
		75	0	23.17	23.11	23.21	23.11	23.01	24.50
	16QAM	1	0	23.41	23.34	23.35	23.17	23.19	24.50
		1	38	23.49	23.37	23.34	23.19	23.15	24.50
		1	74	23.43	23.41	23.37	23.21	23.21	24.50
		36	0	22.17	22.14	22.17	22.10	22.12	23.50
		36	18	22.12	22.15	22.13	22.09	22.21	23.50
		36	39	22.19	22.19	22.19	22.13	22.19	23.50
		75	0	22.19	22.12	22.21	22.20	22.09	23.50
	64QAM	1	0	22.44	22.10	22.12	22.39	22.17	23.50
		1	38	22.48	22.18	22.02	22.01	22.35	23.50
		1	74	22.19	22.19	22.11	22.02	22.49	23.50
		36	0	21.31	21.20	21.54	21.44	21.04	22.50
		36	18	21.28	21.08	21.22	21.39	21.21	22.50
		36	39	21.47	21.04	21.20	21.45	21.08	22.50
		75	0	21.51	21.37	21.36	21.50	21.24	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.09	24.03	24.02	24.02	23.94	25.50
		1	50	24.02	24.11	24.45	24.09	24.02	25.50
		1	99	24.04	23.99	24.05	23.96	23.92	25.50
		50	0	23.14	23.16	23.24	23.10	23.01	24.50
		50	25	23.21	23.11	23.26	23.12	23.05	24.50
		50	50	23.19	23.17	23.17	23.17	23.07	24.50
		100	0	23.20	23.15	23.22	23.07	23.02	24.50
	16QAM	1	0	23.27	23.24	23.25	23.17	23.08	24.50
		1	50	23.29	23.19	23.17	23.22	23.17	24.50
		1	99	23.25	23.21	23.21	23.13	23.06	24.50
		50	0	22.16	22.13	22.20	22.23	22.07	23.50
		50	25	22.20	22.13	22.23	22.19	22.12	23.50
		50	50	22.26	22.18	22.25	22.21	22.16	23.50
		100	0	22.22	22.16	22.21	22.21	22.13	23.50
	64QAM	1	0	22.31	22.30	22.19	22.23	22.28	23.50
		1	50	22.06	22.02	22.22	22.53	22.09	23.50
		1	99	22.53	22.02	22.41	22.31	22.24	23.50
		50	0	21.14	21.31	21.25	21.19	21.10	22.50
		50	25	21.19	21.51	21.35	21.55	21.11	22.50
		50	50	21.14	21.28	21.21	21.12	21.04	22.50
		100	0	21.11	21.52	21.01	21.10	21.50	22.50

LTE Band 41(class 2) Receiver on/Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.31	20.36	20.33	20.22	20.20	21.00
		1	13	20.31	20.42	20.40	20.46	20.31	21.00
		1	24	20.17	20.29	20.29	20.25	20.29	21.00
		12	0	20.33	20.33	20.25	20.27	20.18	21.00
		12	6	20.11	20.22	20.11	20.14	20.25	21.00
		12	13	20.31	20.33	20.24	20.35	20.37	21.00
		25	0	20.29	20.12	20.22	20.31	20.16	21.00
	16QAM	1	0	20.35	20.25	20.30	20.33	20.33	21.00
		1	13	20.18	20.11	20.20	20.19	20.10	21.00
		1	24	20.15	20.14	20.01	20.16	20.02	21.00
		12	0	20.25	20.23	20.28	20.18	20.14	21.00
		12	6	20.17	20.28	20.15	20.12	20.17	21.00
		12	13	20.21	20.31	20.32	20.27	20.34	21.00
		25	0	20.30	20.28	20.16	20.27	20.17	21.00
	64QAM	1	0	20.33	20.11	20.32	20.08	20.21	21.00
		1	13	20.25	20.25	20.13	20.05	20.25	21.00
		1	24	20.08	20.24	20.23	20.18	20.19	21.00
		12	0	20.28	20.32	20.23	20.13	20.33	21.00
		12	6	20.06	20.19	20.23	20.25	20.32	21.00
		12	13	20.25	20.08	20.29	20.31	20.14	21.00
		25	0	20.21	20.29	20.06	20.25	20.23	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.36	20.19	20.37	20.26	20.24	21.00
		1	25	20.45	20.29	20.26	20.36	20.35	21.00
		1	49	20.25	20.18	20.22	20.20	20.19	21.00
		25	0	20.19	20.17	20.31	20.32	20.18	21.00
		25	13	20.27	20.27	20.23	20.31	20.27	21.00
		25	25	20.22	20.34	20.20	20.26	20.19	21.00
		50	0	20.29	20.31	20.17	20.26	20.31	21.00
	16QAM	1	0	20.31	20.22	20.25	20.18	20.20	21.00
		1	25	20.17	20.16	20.06	20.07	20.07	21.00
		1	49	20.02	20.16	20.08	20.09	20.02	21.00
		25	0	20.20	20.25	20.25	20.13	20.26	21.00
		25	13	20.18	20.22	20.18	20.11	20.24	21.00
		25	25	20.24	20.26	20.38	20.25	20.18	21.00
		50	0	20.25	20.23	20.24	20.15	20.20	21.00
	64QAM	1	0	20.25	20.18	20.22	20.13	20.09	21.00
		1	25	20.19	20.16	20.32	20.17	20.08	21.00
		1	49	20.10	20.33	20.26	20.25	20.05	21.00
		25	0	20.28	20.12	20.28	20.31	20.10	21.00
		25	13	20.07	20.14	20.19	20.30	20.08	21.00
		25	25	20.06	20.29	20.15	20.13	20.17	21.00
		50	0	20.28	20.31	20.16	20.13	20.31	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.28	20.29	20.34	20.25	20.35	21.00
		1	38	20.38	20.27	20.30	20.34	20.34	21.00
		1	74	20.23	20.21	20.28	20.32	20.27	21.00
		36	0	20.25	20.32	20.17	20.28	20.17	21.00
		36	18	20.17	20.13	20.27	20.17	20.28	21.00
		36	39	20.22	20.19	20.27	20.27	20.32	21.00
		75	0	20.32	20.16	20.22	20.29	20.23	21.00
	16QAM	1	0	20.24	20.17	20.19	20.15	20.34	21.00
		1	38	20.23	20.18	20.05	20.11	20.22	21.00
		1	74	20.05	20.14	20.09	20.05	20.21	21.00
		36	0	20.21	20.21	20.19	20.20	20.11	21.00
		36	18	20.14	20.25	20.21	20.29	20.17	21.00
		36	39	20.23	20.29	20.23	20.22	20.25	21.00
		75	0	20.10	20.25	20.25	20.21	20.24	21.00
	64QAM	1	0	20.28	20.30	20.05	20.10	20.13	21.00
		1	38	20.30	20.06	20.26	20.11	20.31	21.00
		1	74	20.11	20.30	20.11	20.31	20.25	21.00
		36	0	20.33	20.26	20.18	20.27	20.12	21.00
		36	18	20.05	20.34	20.17	20.13	20.05	21.00
		36	39	20.19	20.30	20.27	20.27	20.34	21.00
		75	0	20.15	20.31	20.08	20.23	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.31	20.37	20.29	20.32	20.12	21.00
		1	50	20.34	20.32	20.39	20.38	20.18	21.00
		1	99	20.27	20.28	20.26	20.32	20.12	21.00
		50	0	20.16	20.24	20.23	20.19	20.05	21.00
		50	25	20.25	20.22	**20.33**	20.19	20.11	21.00
		50	50	20.24	20.31	20.27	20.20	20.10	21.00
		100	0	20.21	20.14	20.22	20.15	20.07	21.00
	16QAM	1	0	20.17	20.27	20.25	20.32	19.98	21.00
		1	50	20.25	20.22	20.14	20.20	20.09	21.00
		1	99	20.08	20.12	20.11	20.03	19.94	21.00
		50	0	20.16	20.27	20.19	20.19	20.08	21.00
		50	25	20.21	20.27	20.21	20.17	20.11	21.00
		50	50	20.30	20.22	20.28	20.29	20.11	21.00
		100	0	20.21	20.19	20.20	20.13	20.09	21.00
	64QAM	1	0	20.05	20.06	20.31	20.09	20.24	21.00
		1	50	20.32	20.13	20.19	20.32	20.30	21.00
		1	99	20.18	20.17	20.20	20.16	20.20	21.00
		50	0	20.11	20.15	20.25	20.25	20.22	21.00
		50	25	20.25	20.34	20.20	20.24	20.34	21.00
		50	50	20.32	20.26	20.09	20.09	20.18	21.00
		100	0	20.30	20.19	20.17	20.16	20.24	21.00

Table 6： Conducted Power of LTE

1.3 Conducted Power of Main Antenna (Ant3)

1.3.1 Conducted Power of LTE

LTE Band 7(EN_DC) Hotspot off/Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	20.43	20.34	20.52	21.50
		1	13	20.65	20.52	20.61	21.50
		1	24	20.39	20.36	20.63	21.50
		12	0	20.53	20.47	20.69	21.50
		12	6	20.63	20.49	20.61	21.50
		12	13	20.68	20.37	20.54	21.50
		25	0	20.58	20.49	20.61	21.50
	16QAM	1	0	20.49	20.43	20.54	21.50
		1	13	20.64	20.57	20.69	21.50
		1	24	20.44	20.47	20.67	21.50
		12	0	20.55	20.55	20.62	21.50
		12	6	20.59	20.59	20.66	21.50
		12	13	20.66	20.43	20.50	21.50
		25	0	20.62	20.51	20.62	21.50
	64QAM	1	0	20.38	20.33	20.46	21.50
		1	13	20.63	20.43	20.62	21.50
		1	24	20.37	20.36	20.52	21.50
		12	0	20.53	20.50	20.67	21.50
		12	6	20.56	20.51	20.62	21.50
		12	13	20.63	20.41	20.51	21.50
		25	0	20.62	20.48	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	20.42	20.34	20.48	21.50
		1	25	20.63	20.50	20.61	21.50
		1	49	20.39	20.39	20.61	21.50
		25	0	20.58	20.52	20.67	21.50
		25	13	20.59	20.48	20.60	21.50
		25	25	20.65	20.41	20.51	21.50
		50	0	20.58	20.47	20.61	21.50
	16QAM	1	0	20.50	20.43	20.53	21.50
		1	25	20.66	20.56	20.61	21.50
		1	49	20.49	20.42	20.68	21.50
		25	0	20.54	20.55	20.63	21.50
		25	13	20.57	20.57	20.64	21.50
		25	25	20.64	20.41	20.48	21.50
		50	0	20.63	20.49	20.60	21.50
	64QAM	1	0	20.37	20.35	20.47	21.50
		1	25	20.65	20.46	20.64	21.50
		1	49	20.38	20.31	20.53	21.50
		25	0	20.54	20.54	20.54	21.50
		25	13	20.59	20.51	20.65	21.50
		25	25	20.63	20.45	20.51	21.50

		50	0	20.64	20.45	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.54	20.53	20.09	21.50
		1	38	20.52	20.46	20.18	21.50
		1	74	20.54	20.49	19.98	21.50
		36	0	20.52	20.50	20.15	21.50
		36	18	20.56	20.48	20.14	21.50
		36	39	20.50	20.48	20.00	21.50
		75	0	20.56	20.47	20.09	21.50
	16QAM	1	0	20.52	20.50	20.08	21.50
		1	38	20.57	20.45	20.19	21.50
		1	74	20.55	20.49	20.07	21.50
		36	0	20.51	20.49	20.16	21.50
		36	18	20.54	20.45	20.10	21.50
		36	39	20.53	20.45	20.04	21.50
		75	0	20.53	20.45	20.06	21.50
	64QAM	1	0	20.56	20.47	19.96	21.50
		1	38	20.57	20.46	20.06	21.50
		1	74	20.55	20.46	19.95	21.50
		36	0	20.56	20.51	20.17	21.50
		36	18	20.52	20.51	20.13	21.50
		36	39	20.56	20.50	19.98	21.50
		75	0	20.55	20.48	20.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.34	**20.58**	20.40	21.50
		1	50	20.35	20.41	20.57	21.50
		1	99	20.32	20.29	20.50	21.50
		50	0	20.50	20.48	**20.65**	21.50
		50	25	20.54	20.48	20.59	21.50
		50	50	20.61	20.39	20.46	21.50
		100	0	20.58	20.42	20.52	21.50
	16QAM	1	0	20.47	20.36	20.51	21.50
		1	50	20.62	20.51	20.64	21.50
		1	99	20.42	20.40	20.62	21.50
		50	0	20.51	20.49	20.60	21.50
		50	25	20.54	20.52	20.61	21.50
		50	50	20.59	20.36	20.45	21.50
		100	0	20.57	20.46	20.58	21.50
	64QAM	1	0	20.37	20.28	20.45	21.50
		1	50	20.59	20.46	20.58	21.50
		1	99	20.36	20.33	20.56	21.50
		50	0	20.51	20.45	20.62	21.50
		50	25	20.57	20.45	20.57	21.50
		50	50	20.63	20.35	20.48	21.50
		100	0	20.55	20.44	20.56	21.50

LTE Band 7(EN_DC) Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	17.61	17.63	17.56	18.50
		1	13	17.66	17.67	17.67	18.50
		1	24	17.63	17.54	17.60	18.50
		12	0	17.61	17.77	17.73	18.50
		12	6	17.73	17.71	17.77	18.50
		12	13	17.75	17.54	17.52	18.50
		25	0	17.72	17.68	17.70	18.50
	16QAM	1	0	17.49	17.54	17.51	18.50
		1	13	17.58	17.60	17.58	18.50
		1	24	17.57	17.45	17.52	18.50
		12	0	17.60	17.73	17.72	18.50
		12	6	17.68	17.76	17.73	18.50
		12	13	17.81	17.54	17.54	18.50
		25	0	17.75	17.65	17.63	18.50
	64QAM	1	0	17.61	17.60	17.57	18.50
		1	13	17.66	17.73	17.66	18.50
		1	24	17.61	17.56	17.62	18.50
		12	0	17.61	17.73	17.73	18.50
		12	6	17.68	17.69	17.75	18.50
		12	13	17.76	17.56	17.59	18.50
		25	0	17.68	17.68	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	17.61	17.59	17.56	18.50
		1	25	17.67	17.67	17.67	18.50
		1	49	17.66	17.54	17.62	18.50
		25	0	17.60	17.78	17.71	18.50
		25	13	17.74	17.72	17.74	18.50
		25	25	17.80	17.56	17.52	18.50
		50	0	17.73	17.64	17.70	18.50
	16QAM	1	0	17.48	17.49	17.48	18.50
		1	25	17.55	17.58	17.58	18.50
		1	49	17.52	17.49	17.51	18.50
		25	0	17.57	17.71	17.67	18.50
		25	13	17.66	17.73	17.69	18.50
		25	25	17.79	17.54	17.55	18.50
		50	0	17.70	17.68	17.66	18.50
	64QAM	1	0	17.64	17.59	17.56	18.50
		1	25	17.66	17.72	17.70	18.50
		1	49	17.65	17.59	17.64	18.50
		25	0	17.61	17.76	17.74	18.50
		25	13	17.64	17.68	17.74	18.50
		25	25	17.77	17.58	17.62	18.50
		50	0	17.70	17.65	17.64	18.50

Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	17.61	17.63	17.59	18.50
		1	38	17.66	17.68	17.68	18.50
		1	74	17.65	17.59	17.62	18.50
		36	0	17.58	17.76	17.74	18.50
		36	18	17.74	17.73	17.73	18.50
		36	39	17.77	17.51	17.57	18.50
		75	0	17.73	17.67	17.66	18.50
	16QAM	1	0	17.49	17.51	17.53	18.50
		1	38	17.57	17.58	17.61	18.50
		1	74	17.55	17.44	17.54	18.50
		36	0	17.57	17.71	17.69	18.50
		36	18	17.68	17.74	17.69	18.50
		36	39	17.77	17.53	17.59	18.50
		75	0	17.74	17.66	17.63	18.50
	64QAM	1	0	17.63	17.60	17.57	18.50
		1	38	17.63	17.72	17.68	18.50
		1	74	17.64	17.60	17.61	18.50
		36	0	17.65	17.75	17.75	18.50
		36	18	17.69	17.68	17.72	18.50
		36	39	17.79	17.55	17.59	18.50
		75	0	17.69	17.66	17.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	17.58	17.57	17.54	18.50
		1	50	**17.67**	17.66	17.64	18.50
		1	99	17.62	17.53	17.58	18.50
		50	0	17.56	17.72	17.70	18.50
		50	25	17.69	17.67	17.71	18.50
		50	50	17.70	**17.74**	17.51	18.50
		100	0	17.69	17.62	17.65	18.50
	16QAM	1	0	17.45	17.48	17.47	18.50
		1	50	17.52	17.54	17.55	18.50
		1	99	17.51	17.43	17.50	18.50
		50	0	17.55	17.69	17.66	18.50
		50	25	17.65	17.70	17.67	18.50
		50	50	17.75	17.49	17.53	18.50
		100	0	17.69	17.64	17.61	18.50
	64QAM	1	0	17.58	17.57	17.55	18.50
		1	50	17.62	17.68	17.65	18.50
		1	99	17.60	17.54	17.58	18.50
		50	0	17.59	17.71	17.72	18.50
		50	25	17.63	17.66	17.71	18.50
		50	50	17.73	17.52	17.56	18.50
		100	0	17.67	17.64	17.62	18.50

LTE Band 7(EN_DC) Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	16.58	16.57	16.55	17.50
		1	13	16.59	16.68	16.66	17.50
		1	24	16.61	16.55	16.61	17.50
		12	0	16.55	16.73	16.74	17.50
		12	6	16.65	16.68	16.69	17.50
		12	13	16.73	16.53	16.57	17.50
		25	0	16.64	16.65	16.65	17.50
	16QAM	1	0	16.48	16.48	16.50	17.50
		1	13	16.55	16.58	16.59	17.50
		1	24	16.50	16.45	16.53	17.50
		12	0	16.58	16.75	16.69	17.50
		12	6	16.65	16.70	16.69	17.50
		12	13	16.74	16.57	16.56	17.50
		25	0	16.68	16.65	16.67	17.50
	64QAM	1	0	16.57	16.55	16.57	17.50
		1	13	16.60	16.68	16.68	17.50
		1	24	16.57	16.53	16.60	17.50
		12	0	16.56	16.75	16.72	17.50
		12	6	16.65	16.70	16.72	17.50
		12	13	16.76	16.58	16.57	17.50
		25	0	16.66	16.62	16.64	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	16.58	16.59	16.58	17.50
		1	25	16.62	16.67	16.68	17.50
		1	49	16.60	16.54	16.61	17.50
		25	0	16.57	16.75	16.73	17.50
		25	13	16.63	16.69	16.70	17.50
		25	25	16.72	16.53	16.55	17.50
		50	0	16.65	16.66	16.65	17.50
	16QAM	1	0	16.48	16.49	16.50	17.50
		1	25	16.54	16.57	16.56	17.50
		1	49	16.52	16.47	16.53	17.50
		25	0	16.60	16.76	16.71	17.50
		25	13	16.68	16.72	16.67	17.50
		25	25	16.73	16.56	16.58	17.50
		50	0	16.69	16.65	16.67	17.50
	64QAM	1	0	16.58	16.58	16.58	17.50
		1	25	16.62	16.69	16.68	17.50
		1	49	16.58	16.56	16.59	17.50
		25	0	16.58	16.72	16.73	17.50
		25	13	16.64	16.70	16.74	17.50
		25	25	16.76	16.58	16.58	17.50
		50	0	16.67	16.61	16.66	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.57	16.57	16.55	17.50
		1	38	16.60	16.68	16.65	17.50
		1	74	16.60	16.55	16.62	17.50
		36	0	16.55	16.76	16.71	17.50
		36	18	16.65	16.68	16.68	17.50
		36	39	16.73	16.52	16.55	17.50
		75	0	16.66	16.66	16.62	17.50
	16QAM	1	0	16.48	16.49	16.48	17.50
		1	38	16.54	16.58	16.58	17.50
		1	74	16.51	16.45	16.51	17.50
		36	0	16.58	16.75	16.69	17.50
		36	18	16.66	16.70	16.66	17.50
		36	39	16.75	16.56	16.55	17.50
		75	0	16.68	16.63	16.67	17.50
	64QAM	1	0	16.57	16.58	16.55	17.50
		1	38	16.61	16.69	16.68	17.50
		1	74	16.60	16.54	16.58	17.50
		36	0	16.57	16.74	16.71	17.50
		36	18	16.66	16.72	16.73	17.50
		36	39	16.75	16.57	16.56	17.50
		75	0	16.66	16.63	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.55	16.53	16.53	17.50
		1	50	**16.67**	16.66	16.63	17.50
		1	99	16.55	16.51	16.56	17.50
		50	0	16.54	16.70	16.69	17.50
		50	25	16.61	16.68	16.69	17.50
		50	50	16.54	**16.72**	16.54	17.50
		100	0	16.63	16.58	16.62	17.50
	16QAM	1	0	16.44	16.45	16.45	17.50
		1	50	16.50	16.53	16.54	17.50
		1	99	16.48	16.42	16.48	17.50
		50	0	16.55	16.71	16.67	17.50
		50	25	16.63	16.67	16.64	17.50
		50	50	16.71	16.54	16.53	17.50
		100	0	16.65	16.60	16.62	17.50
	64QAM	1	0	16.53	16.55	16.53	17.50
		1	50	16.57	16.64	16.63	17.50
		1	99	16.56	16.51	16.57	17.50
		50	0	16.52	16.71	16.69	17.50
		50	25	16.60	16.65	16.65	17.50
		50	50	16.69	16.50	16.53	17.50
		100	0	16.62	16.61	16.60	17.50

Table 7： Conducted Power of LTE

2 Conducted Power of NR Antenna

2.1.1 Conducted Power of NR Antenna (Ant0)

N5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.28	23.25	23.29	24.00
		1	53	23.48	23.54	23.44	24.00
		1	104	23.24	23.25	23.20	24.00
		50	0	22.46	22.50	22.42	23.00
		50	28	23.50	23.51	23.49	24.00
		50	56	22.42	22.43	22.36	23.00
		100	0	22.51	22.37	22.47	23.00
	DFT-s-OFDM QPSK	1	1	23.35	23.35	23.34	24.00
		1	53	23.57	23.51	23.64	24.00
		1	104	23.32	23.31	23.31	24.00
		50	0	22.56	22.57	22.53	23.00
		50	28	23.58	23.53	23.56	24.00
		50	56	22.48	22.48	22.42	23.00
		100	0	22.58	22.48	22.52	23.00
	DFT-s-OFDM 16QAM	50	28	22.32	22.33	22.34	23.00
	DFT-s-OFDM 64QAM	50	28	20.85	20.87	20.83	21.50
	DFT-s-OFDM 256QAM	50	28	19.35	19.38	19.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	23.47	23.56	23.46	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	23.38	23.48	23.36	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	23.47	23.58	23.43	24.00

N5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.17	23.14	23.21	24.00
		1	53	23.38	23.47	23.34	24.00
		1	104	23.14	23.15	23.12	24.00
		50	0	22.36	22.42	22.32	23.00
		50	28	23.40	23.40	23.41	24.00
		50	56	22.35	22.33	22.31	23.00
		100	0	22.41	22.26	22.38	23.00
	DFT-s-OFDM QPSK	1	1	23.27	23.29	23.26	24.00
		1	53	23.47	23.54	23.44	24.00
		1	104	23.21	23.25	23.20	24.00
		50	0	22.50	22.52	22.45	23.00
		50	28	23.46	23.49	23.49	24.00
		50	56	22.40	22.37	22.31	23.00
		100	0	22.50	22.40	22.41	23.00
	DFT-s-OFDM 16QAM	50	28	22.22	22.27	22.23	23.00
	DFT-s-OFDM 64QAM	50	28	20.77	20.76	20.76	21.50
	DFT-s-OFDM 256QAM	50	28	19.24	19.30	19.24	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	23.39	23.51	23.37	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	23.30	23.39	23.31	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	23.37	23.50	23.36	24.00

N38 Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.36	22.76	22.33	24.00
		1	53	22.53	22.43	22.38	24.00
		1	104	22.31	22.37	22.28	24.00
		50	0	21.47	21.47	21.35	23.00
		50	28	22.55	22.40	22.50	24.00
		50	56	21.49	21.36	21.47	23.00
		100	0	21.49	21.42	21.49	23.00
	DFT-s-OFDM QPSK	1	1	22.43	22.84	22.85	24.00
		1	53	22.63	22.53	22.43	24.00
		1	104	22.42	22.43	22.36	24.00
		50	0	21.58	21.54	21.45	23.00
		50	28	**22.60**	22.47	22.55	24.00
		50	56	21.55	21.45	21.57	23.00
		100	0	21.57	21.48	21.56	23.00
	DFT-s-OFDM 16QAM	1	53	21.21	21.22	21.19	23.00
	DFT-s-OFDM 64QAM	1	53	19.79	19.72	19.71	21.50
	DFT-s-OFDM 256QAM	1	53	18.57	18.53	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	22.57	22.46	22.33	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	22.51	22.38	22.25	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	22.58	22.48	22.32	24.00

N38 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.29	22.68	22.25	24.00
		1	53	22.42	22.34	22.27	24.00
		1	104	22.26	22.30	22.17	24.00
		50	0	21.38	21.42	21.27	23.00
		50	28	22.48	22.33	22.39	24.00
		50	56	21.42	21.26	21.42	23.00
		100	0	21.43	21.31	21.43	23.00
	DFT-s-OFDM QPSK	1	1	22.33	22.78	22.28	24.00
		1	53	22.52	22.44	22.32	24.00
		1	104	22.37	22.36	22.27	24.00
		50	0	21.52	21.49	21.34	23.00
		50	28	22.50	22.37	22.50	24.00
		50	56	21.48	21.37	21.47	23.00
		100	0	21.48	21.38	21.47	23.00
	DFT-s-OFDM 16QAM	1	53	21.11	21.13	21.11	23.00
	DFT-s-OFDM 64QAM	1	53	19.73	19.62	19.65	21.50
	DFT-s-OFDM 256QAM	1	53	18.48	18.45	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	22.47	22.39	22.24	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	22.42	22.30	22.16	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	22.47	22.42	22.23	24.00

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.70	21.88	21.74	23.50
		1	53	21.98	22.16	21.97	23.50
		1	104	21.92	21.94	21.71	23.50
		50	0	21.43	21.54	21.56	22.50
		50	28	22.02	22.10	22.07	23.50
		50	56	21.48	21.37	21.44	22.50
		100	0	21.43	21.53	21.48	22.50
	DFT-s-OFDM QPSK	1	1	22.06	22.19	22.23	23.50
		1	53	22.04	22.22	22.07	23.50
		1	104	22.02	22.02	21.76	23.50
		50	0	21.52	21.59	21.65	22.50
		50	28	22.16	22.15	22.14	23.50
		50	56	21.57	21.44	21.52	22.50
		100	0	21.54	21.59	21.55	22.50
	DFT-s-OFDM 16QAM	1	53	21.21	21.22	21.19	23.00
	DFT-s-OFDM 64QAM	1	53	19.79	19.72	19.71	21.50
	DFT-s-OFDM 256QAM	1	53	18.57	18.53	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	21.96	22.15	22.00	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	21.88	22.04	21.95	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	21.99	22.12	22.01	23.50

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.64	21.80	21.66	23.50
		1	53	21.89	22.07	21.88	23.50
		1	104	21.81	21.85	21.66	23.50
		50	0	21.38	21.45	21.45	22.50
		50	28	21.93	22.03	22.00	23.50
		50	56	21.37	21.30	21.39	22.50
		100	0	21.37	21.46	21.39	22.50
	DFT-s-OFDM QPSK	1	1	21.70	21.88	21.72	23.50
		1	53	21.93	22.12	22.02	23.50
		1	104	21.96	21.93	21.70	23.50
		50	0	21.45	21.54	21.60	22.50
		50	28	22.01	22.09	22.08	23.50
		50	56	21.52	21.34	21.44	22.50
		100	0	21.47	21.51	21.47	22.50
	DFT-s-OFDM 16QAM	1	53	21.16	21.12	21.12	23.00
	DFT-s-OFDM 64QAM	1	53	19.68	19.64	19.60	21.50
	DFT-s-OFDM 256QAM	1	53	18.49	18.47	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	21.87	22.08	21.94	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	21.83	21.93	21.87	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	21.92	22.07	21.91	23.50

N38 Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.19	18.40	18.42	20.00
		1	53	18.47	18.57	18.64	20.00
		1	104	18.37	18.23	18.37	20.00
		50	0	18.47	18.66	18.50	20.00
		50	28	18.53	18.67	18.64	20.00
		50	56	18.57	18.67	18.61	20.00
		100	0	18.44	18.64	18.63	20.00
	DFT-s-OFDM QPSK	1	1	18.25	18.45	18.48	20.00
		1	53	18.52	18.67	**18.69**	20.00
		1	104	18.47	18.34	18.48	20.00
		50	0	18.52	18.85	18.59	20.00
		50	28	18.97	18.95	18.81	20.00
		50	56	18.75	18.76	18.70	20.00
		100	0	18.55	18.84	18.78	20.00
	DFT-s-OFDM 16QAM	50	28	18.68	18.88	18.84	20.00
	DFT-s-OFDM 64QAM	50	28	18.68	18.94	18.85	20.00
	DFT-s-OFDM 256QAM	50	28	18.29	18.33	18.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	18.44	18.61	18.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	18.35	18.49	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	18.46	18.55	18.60	20.00

N38 Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.13	18.32	18.35	20.00
		1	53	18.42	18.46	18.53	20.00
		1	104	18.27	18.14	18.27	20.00
		50	0	18.41	18.57	18.39	20.00
		50	28	18.46	18.59	18.66	20.00
		50	56	18.59	18.60	18.55	20.00
		100	0	18.36	18.69	18.65	20.00
	DFT-s-OFDM QPSK	1	1	18.16	18.34	18.40	20.00
		1	53	18.42	18.62	18.62	20.00
		1	104	18.36	18.29	18.42	20.00
		50	0	18.42	18.66	18.54	20.00
		50	28	18.49	18.68	18.71	20.00
		50	56	18.69	18.70	18.59	20.00
		100	0	18.49	18.64	18.73	20.00
	DFT-s-OFDM 16QAM	50	28	18.59	18.61	18.70	20.00
	DFT-s-OFDM 64QAM	50	28	18.60	18.67	18.65	20.00
	DFT-s-OFDM 256QAM	50	28	18.22	18.22	18.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	18.39	18.54	18.47	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	18.25	18.41	18.48	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	18.41	18.48	18.54	20.00

N41 Receiver on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.17	22.16	22.19	22.04	22.03	24.00
		1	137	22.37	22.52	22.60	22.56	22.21	24.00
		1	271	22.19	22.03	22.14	22.07	22.12	24.00
		135	0	21.21	21.27	21.33	21.40	21.39	23.00
		135	69	22.48	22.57	22.62	22.49	22.21	24.00
		135	138	21.32	21.37	21.21	21.02	21.02	23.00
		270	0	21.20	21.25	21.29	21.22	21.11	23.00
	DFT-s-OFDM QPSK	1	1	22.25	22.30	22.28	22.08	22.10	24.00
		1	137	22.44	22.58	**22.64**	22.65	22.22	24.00
		1	271	22.25	22.15	22.30	22.13	22.11	24.00
		135	0	21.27	21.32	21.40	21.50	21.41	23.00
		135	69	22.57	22.79	22.63	22.57	22.26	24.00
		135	138	21.37	21.45	21.31	21.12	21.10	23.00
		270	0	21.31	21.33	21.40	21.27	21.15	23.00
	DFT-s-OFDM 16QAM	135	69	21.44	21.59	21.68	21.51	21.33	23.00
	DFT-s-OFDM 64QAM	135	69	19.90	20.00	20.03	19.95	19.85	21.50
	DFT-s-OFDM 256QAM	135	69	18.12	18.18	18.31	18.25	18.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	22.28	22.42	22.63	22.49	22.08	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	22.21	22.32	22.12	22.05	22.21	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	22.26	22.39	22.18	22.02	22.15	24.00

N41 Receiver on				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.10	22.09	22.09	22.15	22.13	24.00
		1	137	22.27	22.42	22.61	22.51	22.12	24.00
		1	271	22.09	22.18	22.08	22.21	22.07	24.00
		135	0	21.14	21.20	21.25	21.33	21.33	23.00
		135	69	22.40	22.53	22.63	22.40	22.13	24.00
		135	138	21.22	21.28	21.14	21.25	21.23	23.00
		270	0	21.11	21.16	21.23	21.12	21.02	23.00
	DFT-s-OFDM QPSK	1	1	22.19	22.24	22.21	22.02	22.02	24.00
		1	137	22.35	22.52	22.68	22.58	22.15	24.00
		1	271	22.20	22.09	22.22	22.06	22.01	24.00
		135	0	21.16	21.24	21.30	21.39	21.33	23.00
		135	69	22.52	22.57	22.74	22.49	22.16	24.00
		135	138	21.32	21.34	21.23	21.06	21.03	23.00
		270	0	21.20	21.26	21.34	21.18	21.06	23.00
	DFT-s-OFDM 16QAM	135	69	21.36	21.49	21.62	21.45	21.27	23.00
	DFT-s-OFDM 64QAM	135	69	19.81	19.89	19.94	19.87	19.75	21.50
	DFT-s-OFDM 256QAM	135	69	18.07	18.09	18.20	18.15	17.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	22.19	22.32	22.55	22.43	22.01	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	22.14	22.26	22.03	22.00	22.15	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	22.18	22.28	22.13	22.23	22.07	24.00

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.52	21.60	21.61	21.76	21.67	23.50
		1	137	21.69	21.95	21.99	22.00	21.61	23.50
		1	271	21.70	21.59	21.56	21.65	21.97	23.50
		135	0	21.11	21.23	21.26	21.39	21.31	22.50
		135	69	21.90	21.98	22.12	21.97	21.79	23.50
		135	138	21.27	21.34	21.23	21.06	20.82	22.50
		270	0	21.18	21.22	21.25	21.20	21.05	22.50
	DFT-s-OFDM QPSK	1	1	21.60	21.69	21.76	21.87	21.73	23.50
		1	137	22.12	21.97	22.11	22.09	21.75	23.50
		1	271	21.78	21.70	21.64	21.72	22.07	23.50
		135	0	21.20	21.30	21.36	21.46	21.42	22.50
		135	69	21.97	22.07	22.05	22.05	22.20	23.50
		135	138	21.37	21.40	21.28	21.14	20.88	22.50
		270	0	21.24	21.33	21.33	21.33	21.16	22.50
	DFT-s-OFDM 16QAM	135	69	21.42	21.55	21.66	21.55	21.38	23.00
	DFT-s-OFDM 64QAM	135	69	19.91	20.06	20.07	19.97	19.82	21.50
	DFT-s-OFDM 256QAM	135	69	18.09	18.17	18.34	18.21	18.03	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	21.69	21.86	21.96	21.93	21.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	22.03	22.07	21.93	21.79	21.52	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	22.07	22.10	22.02	21.87	21.62	23.50

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.65	21.51	21.52	21.67	21.57	23.50
		1	137	21.62	21.89	21.89	21.93	21.50	23.50
		1	271	21.59	21.51	21.51	21.58	21.89	23.50
		135	0	21.04	21.16	21.21	21.33	21.23	22.50
		135	69	21.82	21.91	22.07	21.91	21.73	23.50
		135	138	21.17	21.26	21.15	20.99	20.75	22.50
		270	0	21.13	21.11	21.18	21.10	20.94	22.50
	DFT-s-OFDM QPSK	1	1	21.50	21.64	21.66	21.76	21.67	23.50
		1	137	21.74	21.87	22.00	22.04	21.64	23.50
		1	271	21.69	21.59	21.57	21.65	22.01	23.50
		135	0	21.11	21.23	21.28	21.38	21.33	22.50
		135	69	21.92	22.01	22.13	21.97	21.78	23.50
		135	138	21.27	21.35	21.23	21.09	20.78	22.50
		270	0	21.18	21.26	21.27	21.25	21.10	22.50
	DFT-s-OFDM 16QAM	135	69	21.34	21.48	21.55	21.46	21.33	23.00
	DFT-s-OFDM 64QAM	135	69	19.82	19.99	19.96	19.90	19.71	21.50
	DFT-s-OFDM 256QAM	135	69	18.02	18.12	18.23	18.15	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	21.58	21.77	21.88	21.86	21.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	21.97	21.98	21.83	21.71	21.78	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	21.96	22.01	21.91	21.81	21.53	23.50

N41 Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.13	18.02	18.02	18.01	18.46	20.00
		1	137	18.18	18.36	18.73	18.60	18.20	20.00
		1	271	18.53	18.45	18.10	18.05	18.07	20.00
		135	0	18.03	18.01	18.16	18.50	18.50	20.00
		135	69	18.27	18.29	18.94	18.55	18.31	20.00
		135	138	18.10	18.42	18.35	18.13	18.12	20.00
		270	0	18.07	18.11	18.43	18.40	18.31	20.00
	DFT-s-OFDM QPSK	1	1	18.16	18.11	18.15	18.11	18.56	20.00
		1	137	18.79	18.42	18.56	18.71	18.31	20.00
		1	271	18.59	18.51	18.18	18.16	18.16	20.00
		135	0	18.07	18.12	18.19	18.57	18.54	20.00
		135	69	18.31	18.43	18.67	18.64	18.97	20.00
		135	138	18.13	18.50	18.40	18.23	18.16	20.00
		270	0	18.18	18.16	18.50	18.45	18.35	20.00
	DFT-s-OFDM 16QAM	135	69	18.35	18.40	18.75	18.71	18.53	20.00
	DFT-s-OFDM 64QAM	135	69	18.35	18.44	18.81	18.70	18.51	20.00
	DFT-s-OFDM 256QAM	135	69	18.09	18.21	18.28	18.20	18.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	18.14	18.22	18.58	18.56	18.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	18.11	18.39	18.27	18.10	18.00	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	18.05	18.44	18.32	18.16	18.11	20.00

N41 Hotspot on				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.06	18.24	18.23	18.15	18.35	20.00
		1	137	18.09	18.29	18.67	18.52	18.13	20.00
		1	271	18.42	18.37	18.01	18.00	18.02	20.00
		135	0	18.12	18.21	18.10	18.43	18.42	20.00
		135	69	18.22	18.20	18.84	18.48	18.20	20.00
		135	138	18.01	18.37	18.24	18.04	18.04	20.00
		270	0	18.21	18.00	18.34	18.30	18.21	20.00
	DFT-s-OFDM QPSK	1	1	18.10	18.06	18.07	18.00	18.49	20.00
		1	137	18.21	18.35	18.69	18.63	18.20	20.00
		1	271	18.50	18.43	18.11	18.07	18.06	20.00
		135	0	18.11	18.06	18.08	18.51	18.44	20.00
		135	69	18.24	18.36	18.87	18.58	18.30	20.00
		135	138	18.08	18.45	18.32	18.14	18.07	20.00
		270	0	18.10	18.06	18.39	18.40	18.25	20.00
	DFT-s-OFDM 16QAM	135	69	18.30	18.33	18.67	18.62	18.43	20.00
	DFT-s-OFDM 64QAM	135	69	18.27	18.39	18.75	18.64	18.45	20.00
	DFT-s-OFDM 256QAM	135	69	17.98	18.14	18.17	18.15	17.92	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	18.09	18.12	18.52	18.50	18.05	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	18.01	18.32	18.22	18.01	18.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	18.21	18.35	18.22	18.10	18.00	20.00

Table 8： Conducted Power of NR

2.1.2 Conducted Power of NR Antenna (Ant1)

N5 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.98	23.04	22.93	24.00
		1	53	23.19	23.21	23.16	24.00
		1	104	22.93	22.93	22.93	24.00
		50	0	22.09	22.10	22.21	23.00
		50	28	23.13	23.20	23.18	24.00
		50	56	22.12	22.13	22.15	23.00
		100	0	22.08	22.12	22.16	23.00
	DFT-s-OFDM QPSK	1	1	23.06	23.09	23.04	24.00
		1	53	23.27	23.26	23.21	24.00
		1	104	23.03	23.02	23.03	24.00
		50	0	22.15	22.20	22.30	23.00
		50	28	**23.26**	23.21	**23.24**	24.00
		50	56	22.19	22.21	22.21	23.00
		100	0	22.19	22.22	22.26	23.00
	DFT-s-OFDM 16QAM	1	53	22.00	22.05	22.02	23.00
	DFT-s-OFDM 64QAM	1	53	20.50	20.54	20.53	21.50
	DFT-s-OFDM 256QAM	1	53	19.04	18.99	19.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	23.10	23.20	23.18	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	22.99	23.10	23.11	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	23.09	23.20	23.20	24.00

N5 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.84	22.97	22.93	24.00
		1	53	23.07	23.16	23.06	24.00
		1	104	22.87	22.92	22.91	24.00
		50	0	21.99	22.04	22.16	23.00
		50	28	23.06	23.15	23.10	24.00
		50	56	22.04	22.01	22.04	23.00
		100	0	21.98	22.05	22.09	23.00
	DFT-s-OFDM QPSK	1	1	22.95	23.02	22.98	24.00
		1	53	23.18	23.21	23.14	24.00
		1	104	22.93	22.97	22.98	24.00
		50	0	22.07	22.12	22.21	23.00
		50	28	23.14	23.21	23.19	24.00
		50	56	22.09	22.12	22.13	23.00
		100	0	22.08	22.16	22.18	23.00
	DFT-s-OFDM 16QAM	1	53	21.92	21.94	21.91	23.00
	DFT-s-OFDM 64QAM	1	53	20.39	20.43	20.45	21.50
	DFT-s-OFDM 256QAM	1	53	18.97	18.94	18.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	22.99	23.09	23.13	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	22.91	23.03	23.00	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	22.98	23.13	23.13	24.00

N5 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.00	20.04	20.01	21.00
		1	53	20.30	20.24	20.29	21.00
		1	104	20.12	20.08	20.06	21.00
		50	0	20.08	20.17	20.24	21.00
		50	28	20.21	20.24	20.23	21.00
		50	56	20.15	20.18	20.18	21.00
		100	0	20.17	20.20	20.26	21.00
	DFT-s-OFDM QPSK	1	1	20.08	20.10	20.08	21.00
		1	53	20.36	20.35	20.34	21.00
		1	104	20.17	20.15	20.15	21.00
		50	0	20.15	20.26	20.31	21.00
		50	28	**20.33**	20.28	20.32	21.00
		50	56	20.25	20.27	20.25	21.00
		100	0	20.26	20.31	20.34	21.00
	DFT-s-OFDM 16QAM	1	53	20.10	20.09	20.09	21.00
	DFT-s-OFDM 64QAM	1	53	20.15	20.16	20.19	21.00
	DFT-s-OFDM 256QAM	1	53	19.04	18.99	19.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	20.21	20.24	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	20.12	20.16	20.21	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	20.21	20.22	20.30	21.00

N5 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.88	19.95	19.92	21.00
		1	53	20.21	20.22	20.18	21.00
		1	104	20.00	19.98	19.96	21.00
		50	0	19.99	20.10	20.17	21.00
		50	28	20.14	20.17	20.15	21.00
		50	56	20.05	20.10	20.06	21.00
		100	0	20.06	20.17	20.18	21.00
	DFT-s-OFDM QPSK	1	1	19.99	20.00	20.01	21.00
		1	53	20.27	20.30	20.28	21.00
		1	104	20.10	20.09	20.06	21.00
		50	0	20.06	20.16	20.24	21.00
		50	28	20.19	20.28	20.23	21.00
		50	56	20.16	20.17	20.17	21.00
		100	0	20.15	20.26	20.25	21.00
	DFT-s-OFDM 16QAM	1	53	20.01	20.01	19.99	21.00
	DFT-s-OFDM 64QAM	1	53	20.08	20.06	20.08	21.00
	DFT-s-OFDM 256QAM	1	53	18.99	18.88	18.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	20.11	20.17	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	20.01	20.07	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	20.14	20.14	20.23	21.00

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.94	18.10	18.17	19.20
		1	53	18.14	18.25	18.15	19.20
		1	104	18.15	17.99	18.00	19.20
		50	0	18.15	18.27	18.25	19.20
		50	28	18.26	18.24	18.28	19.20
		50	56	18.26	18.22	18.20	19.20
		100	0	18.24	18.27	18.29	19.20
	DFT-s-OFDM QPSK	1	1	18.02	18.17	18.22	19.20
		1	53	18.21	**18.32**	18.26	19.20
		1	104	18.21	18.07	18.07	19.20
		50	0	18.25	18.34	18.35	19.20
		50	28	18.36	18.35	18.33	19.20
		50	56	18.32	18.33	18.25	19.20
		100	0	18.31	18.32	18.34	19.20
	DFT-s-OFDM 16QAM	50	28	17.98	18.13	18.08	19.20
	DFT-s-OFDM 64QAM	50	28	18.04	18.19	18.15	19.20
	DFT-s-OFDM 256QAM	50	28	17.80	17.94	17.89	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	18.27	18.24	18.25	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	18.16	18.18	18.15	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	18.23	18.27	18.26	19.20

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.87	18.03	18.06	19.20
		1	53	17.99	18.15	18.10	19.20
		1	104	18.01	17.89	17.85	19.20
		50	0	18.08	18.22	18.23	19.20
		50	28	18.14	18.17	18.23	19.20
		50	56	18.19	18.12	18.09	19.20
		100	0	18.13	18.17	18.16	19.20
	DFT-s-OFDM QPSK	1	1	17.93	18.11	18.17	19.20
		1	53	18.10	18.21	18.18	19.20
		1	104	18.12	17.98	17.96	19.20
		50	0	18.15	18.28	18.29	19.20
		50	28	18.25	18.28	18.29	19.20
		50	56	18.24	18.23	18.17	19.20
		100	0	18.24	18.22	18.26	19.20
	DFT-s-OFDM 16QAM	50	28	17.87	18.02	18.03	19.20
	DFT-s-OFDM 64QAM	50	28	17.99	18.09	18.07	19.20
	DFT-s-OFDM 256QAM	50	28	17.75	17.87	17.82	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	18.17	18.17	18.15	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	18.05	18.09	18.07	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	18.16	18.19	18.15	19.20

N38 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.56	15.69	15.84	16.70
		1	53	15.73	16.05	15.81	16.70
		1	104	15.78	15.68	15.65	16.70
		50	0	15.83	15.88	15.96	16.70
		50	28	15.93	15.89	15.86	16.70
		50	56	15.78	15.88	15.79	16.70
		100	0	15.84	15.89	15.81	16.70
	DFT-s-OFDM QPSK	1	1	15.63	15.78	15.89	16.70
		1	53	15.83	16.10	16.11	16.70
		1	104	15.83	15.75	15.70	16.70
		50	0	15.88	15.94	16.04	16.70
		50	28	16.05	15.99	15.92	16.70
		50	56	15.87	15.96	15.85	16.70
		100	0	15.92	15.98	15.91	16.70
	DFT-s-OFDM 16QAM	1	53	15.59	15.74	15.65	16.70
	DFT-s-OFDM 64QAM	1	53	15.62	15.75	15.65	16.70
	DFT-s-OFDM 256QAM	1	53	16.05	16.09	16.01	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	15.98	15.94	15.83	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	15.93	15.85	15.78	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	16.01	15.92	15.84	16.70

N38 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.47	15.62	15.69	16.70
		1	53	15.62	15.99	15.76	16.70
		1	104	15.69	15.58	15.51	16.70
		50	0	15.71	15.77	15.87	16.70
		50	28	15.83	15.84	15.73	16.70
		50	56	15.74	15.80	15.71	16.70
		100	0	15.72	15.79	15.78	16.70
	DFT-s-OFDM QPSK	1	1	15.56	15.71	15.80	16.70
		1	53	15.72	16.04	15.87	16.70
		1	104	15.75	15.65	15.61	16.70
		50	0	15.78	15.86	15.96	16.70
		50	28	15.93	15.90	15.84	16.70
		50	56	15.82	15.87	15.79	16.70
		100	0	15.83	15.88	15.86	16.70
	DFT-s-OFDM 16QAM	1	53	15.51	15.68	15.58	16.70
	DFT-s-OFDM 64QAM	1	53	15.57	15.66	15.57	16.70
	DFT-s-OFDM 256QAM	1	53	15.97	16.02	15.91	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	15.93	15.89	15.74	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	15.82	15.80	15.68	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	15.91	15.85	15.74	16.70

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.22	17.28	17.22	17.41	17.52	19.20
		1	137	17.87	17.97	18.12	18.04	17.62	19.20
		1	271	17.23	17.55	17.65	17.33	17.37	19.20
		135	0	17.81	17.74	17.80	17.86	17.86	19.20
		135	69	17.94	17.96	18.13	18.04	17.70	19.20
		135	138	17.79	17.88	17.70	17.49	17.27	19.20
		270	0	17.82	17.86	17.86	17.78	17.65	19.20
	DFT-s-OFDM QPSK	1	1	17.32	17.35	17.30	17.47	17.28	19.20
		1	137	18.19	18.08	18.05	18.15	17.72	19.20
		1	271	17.32	17.22	17.73	17.42	17.20	19.20
		135	0	17.86	17.81	17.89	17.95	17.91	19.20
		135	69	18.03	18.07	18.05	18.09	18.20	19.20
		135	138	17.86	17.96	17.81	17.58	17.35	19.20
		270	0	17.87	17.92	17.96	17.86	17.74	19.20
	DFT-s-OFDM 16QAM	135	69	18.07	18.18	18.19	18.12	17.96	19.20
	DFT-s-OFDM 64QAM	135	69	18.06	18.14	18.00	18.16	17.89	19.20
	DFT-s-OFDM 256QAM	135	69	17.28	17.37	17.41	17.32	17.15	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	17.94	18.01	18.13	18.04	17.72	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	17.86	17.90	18.03	17.96	17.62	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	17.94	17.96	18.12	18.04	17.68	19.20

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.41	17.43	17.49	17.32	17.54	19.20
		1	137	17.82	17.94	18.06	17.98	17.51	19.20
		1	271	17.65	17.32	17.55	17.26	17.20	19.20
		135	0	17.67	17.66	17.73	17.77	17.76	19.20
		135	69	17.86	17.93	17.99	17.98	17.64	19.20
		135	138	17.68	17.75	17.70	17.42	17.20	19.20
		270	0	17.70	17.71	17.81	17.71	17.54	19.20
	DFT-s-OFDM QPSK	1	1	17.21	17.24	17.24	17.41	17.65	19.20
		1	137	17.87	18.00	18.14	18.07	17.62	19.20
		1	271	17.26	17.39	17.66	17.37	17.28	19.20
		135	0	17.78	17.75	17.82	17.88	17.85	19.20
		135	69	17.97	17.98	18.09	18.03	17.73	19.20
		135	138	17.78	17.85	17.75	17.51	17.25	19.20
		270	0	17.81	17.82	17.87	17.76	17.64	19.20
	DFT-s-OFDM 16QAM	135	69	18.02	18.08	18.13	18.02	17.91	19.20
	DFT-s-OFDM 64QAM	135	69	17.96	18.03	17.92	18.06	17.82	19.20
	DFT-s-OFDM 256QAM	135	69	17.19	17.28	17.30	17.27	17.07	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	17.86	17.93	18.05	17.97	17.64	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	17.78	17.81	17.94	17.88	17.51	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	17.86	17.86	18.04	17.97	17.60	19.20

N41 Receiver on/Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.72	15.38	15.30	15.45	15.49	17.20
		1	137	16.15	16.15	16.37	16.31	16.03	17.20
		1	271	15.55	15.55	15.21	15.64	15.61	17.20
		135	0	16.19	16.08	16.07	16.28	16.22	17.20
		135	69	16.23	16.28	16.39	16.36	16.15	17.20
		135	138	16.04	16.20	16.08	15.95	15.69	17.20
		270	0	16.07	16.10	16.15	16.08	15.90	17.20
	DFT-s-OFDM QPSK	1	1	15.79	15.43	15.41	15.50	15.56	17.20
		1	137	16.22	16.26	16.38	16.46	16.13	17.20
		1	271	15.65	15.61	15.28	15.74	15.69	17.20
		135	0	16.24	16.17	16.17	16.35	16.31	17.20
		135	69	16.31	16.50	16.35	16.43	16.23	17.20
		135	138	16.15	16.28	16.18	16.03	15.74	17.20
		270	0	16.15	16.16	16.22	16.15	16.00	17.20
	DFT-s-OFDM 16QAM	135	69	16.26	16.37	16.45	16.35	16.23	17.20
	DFT-s-OFDM 64QAM	135	69	16.27	16.37	16.45	16.41	16.22	17.20
	DFT-s-OFDM 256QAM	135	69	16.29	16.35	16.43	16.38	16.21	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	16.21	16.24	16.43	16.32	16.13	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	16.12	16.18	16.35	16.27	16.02	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	16.21	16.25	16.41	16.36	16.13	17.20

N41 Receiver on/Hotspot on				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.61	15.29	15.21	15.37	15.38	17.20
		1	137	16.08	16.12	16.29	16.18	15.97	17.20
		1	271	15.49	15.46	15.78	15.57	15.52	17.20
		135	0	16.05	16.02	16.03	16.18	16.17	17.20
		135	69	16.17	16.20	16.37	16.24	16.05	17.20
		135	138	15.95	16.15	16.03	15.88	15.54	17.20
		270	0	15.99	16.00	16.07	15.97	15.84	17.20
	DFT-s-OFDM QPSK	1	1	15.71	15.36	15.30	15.44	15.45	17.20
		1	137	16.16	16.20	16.39	16.29	16.06	17.20
		1	271	15.57	15.52	15.20	15.65	15.61	17.20
		135	0	16.14	16.08	16.10	16.26	16.26	17.20
		135	69	16.25	16.27	16.25	16.33	16.14	17.20
		135	138	16.06	16.21	16.11	15.98	15.65	17.20
		270	0	16.06	16.08	16.17	16.06	15.90	17.20
	DFT-s-OFDM 16QAM	135	69	16.16	16.31	16.35	16.27	16.18	17.20
	DFT-s-OFDM 64QAM	135	69	16.19	16.32	16.24	16.34	16.16	17.20
	DFT-s-OFDM 256QAM	135	69	16.18	16.26	16.32	16.33	16.11	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	16.15	16.17	16.32	16.22	16.03	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	16.06	16.09	16.27	16.20	15.91	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	16.06	16.09	16.27	16.20	15.91	17.20

Table 9： Conducted Power of NR

2.1.3 Conducted Power of NR Antenna (Ant3)

N7 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.52	19.46	19.44	20.50
		1	53	19.62	19.57	19.72	20.50
		1	104	19.50	19.46	19.53	20.50
		50	0	19.65	19.64	19.71	20.50
		50	28	19.68	19.68	19.77	20.50
		50	56	19.75	19.47	19.62	20.50
		100	0	19.67	19.61	19.71	20.50
	DFT-s-OFDM QPSK	1	1	19.61	19.57	19.55	20.50
		1	53	19.70	**19.78**	19.77	20.50
		1	104	19.55	19.52	19.63	20.50
		50	0	19.70	19.69	19.79	20.50
		50	28	19.75	19.73	19.85	20.50
		50	56	19.82	19.56	19.67	20.50
		100	0	19.78	19.72	19.78	20.50
	DFT-s-OFDM 16QAM	50	28	19.70	19.64	19.78	20.50
	DFT-s-OFDM 64QAM	50	28	19.74	19.69	19.83	20.50
	DFT-s-OFDM 256QAM	50	28	18.69	18.65	18.83	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	19.70	19.62	19.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	19.58	19.57	19.73	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	19.68	19.53	19.72	20.50

N7 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.46	19.43	19.41	20.50
		1	53	19.58	19.56	19.64	20.50
		1	104	19.38	19.33	19.42	20.50
		50	0	19.53	19.50	19.63	20.50
		50	28	19.62	19.59	19.71	20.50
		50	56	19.66	19.34	19.49	20.50
		100	0	19.57	19.55	19.58	20.50
	DFT-s-OFDM QPSK	1	1	19.55	19.48	19.46	20.50
		1	53	19.64	19.62	19.73	20.50
		1	104	19.44	19.43	19.53	20.50
		50	0	19.59	19.59	19.70	20.50
		50	28	19.69	19.65	19.77	20.50
		50	56	19.74	19.45	19.58	20.50
		100	0	19.68	19.63	19.68	20.50
	DFT-s-OFDM 16QAM	50	28	19.59	19.53	19.73	20.50
	DFT-s-OFDM 64QAM	50	28	19.64	19.63	19.75	20.50
	DFT-s-OFDM 256QAM	50	28	18.64	18.58	18.74	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	50	28	19.64	19.55	19.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	50	28	19.53	19.50	19.67	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	50	28	19.61	19.45	19.64	20.50

N7 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.95	15.94	15.93	17.00
		1	53	16.07	16.01	16.13	17.00
		1	104	15.84	15.81	16.02	17.00
		50	0	15.99	16.05	16.12	17.00
		50	28	16.04	16.06	16.17	17.00
		50	56	16.12	15.97	15.91	17.00
		100	0	16.02	15.98	16.03	17.00
	DFT-s-OFDM QPSK	1	1	16.01	16.02	16.00	17.00
		1	53	16.16	16.08	16.22	17.00
		1	104	15.95	15.91	16.07	17.00
		50	0	16.05	16.13	16.19	17.00
		50	28	16.10	16.25	16.12	17.00
		50	56	16.22	16.03	16.02	17.00
		100	0	16.11	16.09	16.14	17.00
	DFT-s-OFDM 16QAM	50	28	16.08	16.07	16.19	17.00
	DFT-s-OFDM 64QAM	50	28	16.07	16.07	16.20	17.00
	DFT-s-OFDM 256QAM	50	28	16.11	16.05	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	15.99	16.07	16.14	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	15.90	15.98	16.09	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	15.97	15.86	16.15	17.00

N7 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.87	15.86	15.80	17.00
		1	53	16.00	15.92	16.08	17.00
		1	104	15.81	15.75	15.92	17.00
		50	0	15.86	15.92	16.00	17.00
		50	28	15.98	15.99	16.12	17.00
		50	56	16.05	15.84	15.83	17.00
		100	0	15.90	15.87	15.93	17.00
	DFT-s-OFDM QPSK	1	1	15.92	15.92	15.90	17.00
		1	53	16.07	15.98	16.16	17.00
		1	104	15.86	15.80	16.02	17.00
		50	0	15.95	16.03	16.10	17.00
		50	28	16.05	16.06	16.19	17.00
		50	56	16.15	15.92	15.91	17.00
		100	0	16.00	15.98	16.04	17.00
	DFT-s-OFDM 16QAM	50	28	16.02	15.99	16.09	17.00
	DFT-s-OFDM 64QAM	50	28	16.00	15.98	16.15	17.00
	DFT-s-OFDM 256QAM	50	28	16.02	15.99	16.06	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	50	28	15.90	15.96	16.03	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	50	28	15.81	15.92	16.00	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	50	28	15.91	15.81	16.04	17.00

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.75	19.93	19.96	21.00
		1	53	19.93	20.10	20.07	21.00
		1	104	19.97	19.78	19.86	21.00
		50	0	20.07	20.18	20.15	21.00
		50	28	20.11	20.19	20.22	21.00
		50	56	20.11	20.13	20.04	21.00
		100	0	20.12	20.19	20.20	21.00
	DFT-s-OFDM QPSK	1	1	19.86	20.02	20.05	21.00
		1	53	20.03	**20.16**	20.14	21.00
		1	104	20.05	19.89	19.93	21.00
		50	0	20.16	20.25	20.22	21.00
		50	28	20.30	20.25	20.28	21.00
		50	56	20.19	20.22	20.15	21.00
		100	0	20.22	20.28	20.27	21.00
	DFT-s-OFDM 16QAM	50	28	20.18	20.25	20.23	21.00
	DFT-s-OFDM 64QAM	50	28	20.20	20.26	20.22	21.00
	DFT-s-OFDM 256QAM	50	28	18.88	18.91	18.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	20.16	20.19	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	20.16	20.19	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	20.22	20.12	20.25	21.00

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.68	19.88	19.86	21.00
		1	53	19.89	20.06	19.96	21.00
		1	104	19.88	19.73	19.74	21.00
		50	0	19.99	20.06	20.09	21.00
		50	28	20.03	20.19	20.08	21.00
		50	56	20.00	20.04	20.01	21.00
		100	0	20.11	20.17	20.10	21.00
	DFT-s-OFDM QPSK	1	1	19.75	19.95	19.95	21.00
		1	53	19.95	20.11	20.03	21.00
		1	104	19.99	19.80	19.82	21.00
		50	0	20.05	20.17	20.15	21.00
		50	28	20.14	20.25	20.18	21.00
		50	56	20.11	20.15	20.07	21.00
		100	0	20.17	20.23	20.20	21.00
	DFT-s-OFDM 16QAM	50	28	20.13	20.16	20.14	21.00
	DFT-s-OFDM 64QAM	50	28	20.13	20.15	20.13	21.00
	DFT-s-OFDM 256QAM	50	28	18.77	18.84	18.83	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	50	28	20.07	20.14	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	50	28	20.11	20.08	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	50	28	20.15	20.07	20.18	21.00

N38 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.95	16.11	16.15	17.00
		1	53	16.09	16.23	16.20	17.00
		1	104	16.02	16.09	15.99	17.00
		50	0	16.17	16.18	16.24	17.00
		50	28	16.11	16.25	16.17	17.00
		50	56	16.15	16.18	16.11	17.00
		100	0	16.15	16.26	16.23	17.00
	DFT-s-OFDM QPSK	1	1	16.00	16.17	16.24	17.00
		1	53	16.20	16.33	**16.60**	17.00
		1	104	16.13	16.15	16.07	17.00
		50	0	16.22	16.29	16.30	17.00
		50	28	16.21	16.36	16.24	17.00
		50	56	16.22	16.25	16.22	17.00
		100	0	16.23	16.35	16.28	17.00
	DFT-s-OFDM 16QAM	50	28	16.28	16.34	16.24	17.00
	DFT-s-OFDM 64QAM	50	28	16.26	16.28	16.22	17.00
	DFT-s-OFDM 256QAM	50	28	16.29	16.32	16.21	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	16.11	16.26	16.18	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	16.11	16.26	16.18	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	16.11	16.26	16.18	17.00

N38 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.83	16.02	16.06	17.00
		1	53	16.03	16.19	16.10	17.00
		1	104	15.94	15.99	15.94	17.00
		50	0	16.08	16.12	16.13	17.00
		50	28	16.05	16.19	16.07	17.00
		50	56	16.05	16.04	16.04	17.00
		100	0	16.04	16.17	16.06	17.00
	DFT-s-OFDM QPSK	1	1	15.89	16.09	16.14	17.00
		1	53	16.13	16.28	16.18	17.00
		1	104	16.02	16.10	15.99	17.00
		50	0	16.16	16.22	16.20	17.00
		50	28	16.15	16.29	16.14	17.00
		50	56	16.13	16.15	16.11	17.00
		100	0	16.13	16.26	16.17	17.00
	DFT-s-OFDM 16QAM	50	28	16.17	16.26	16.13	17.00
	DFT-s-OFDM 64QAM	50	28	16.16	16.23	16.14	17.00
	DFT-s-OFDM 256QAM	50	28	16.18	16.23	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	50	28	16.03	16.21	16.13	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	50	28	16.06	16.18	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	50	28	16.00	16.15	16.11	17.00

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.19	19.11	19.09	19.23	19.34	20.50
		1	137	19.25	19.38	19.47	19.48	19.39	20.50
		1	271	18.59	18.56	18.68	18.74	18.50	20.50
		135	0	19.07	19.17	19.15	19.26	19.29	20.50
		135	69	19.32	19.35	19.53	19.46	19.47	20.50
		135	138	19.15	19.16	19.14	19.19	19.26	20.50
		270	0	19.17	19.24	19.28	19.29	19.37	20.50
	DFT-s-OFDM QPSK	1	1	19.24	19.16	19.20	19.29	19.42	20.50
		1	137	19.35	19.45	**19.57**	19.53	19.45	20.50
		1	271	18.67	18.66	18.51	18.54	18.57	20.50
		135	0	19.16	19.23	19.24	19.34	19.35	20.50
		135	69	19.39	19.46	19.58	19.51	19.59	20.50
		135	138	19.23	19.25	19.25	19.30	19.33	20.50
		270	0	19.22	19.30	19.35	19.36	19.44	20.50
	DFT-s-OFDM 16QAM	135	69	19.45	19.52	19.22	19.46	19.51	20.50
	DFT-s-OFDM 64QAM	135	69	19.41	19.49	19.32	19.38	19.29	20.50
	DFT-s-OFDM 256QAM	135	69	18.65	18.73	18.81	18.79	18.82	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	19.33	19.39	19.52	19.40	19.49	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	19.27	19.28	19.41	19.34	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	19.38	19.33	19.51	19.43	19.43	20.50

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.04	19.03	19.04	19.11	19.23	20.50
		1	137	19.17	19.31	19.41	19.37	19.30	20.50
		1	271	18.51	18.65	18.75	18.59	18.50	20.50
		135	0	19.04	19.08	19.07	19.20	19.19	20.50
		135	69	19.20	19.29	19.44	19.36	19.41	20.50
		135	138	19.11	19.04	19.15	19.14	19.18	20.50
		270	0	19.06	19.11	19.21	19.22	19.27	20.50
	DFT-s-OFDM QPSK	1	1	19.13	19.09	19.10	19.21	19.33	20.50
		1	137	19.28	19.36	19.52	19.46	19.35	20.50
		1	271	18.61	18.56	18.54	18.58	18.59	20.50
		135	0	19.11	19.16	19.16	19.27	19.27	20.50
		135	69	19.31	19.35	19.52	19.44	19.46	20.50
		135	138	19.16	19.14	19.20	19.21	19.26	20.50
		270	0	19.14	19.21	19.30	19.30	19.37	20.50
	DFT-s-OFDM 16QAM	135	69	19.40	19.45	19.13	19.37	19.43	20.50
	DFT-s-OFDM 64QAM	135	69	19.33	19.43	19.23	19.27	19.22	20.50
	DFT-s-OFDM 256QAM	135	69	18.58	18.63	18.72	18.74	18.72	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	135	69	19.23	19.29	19.46	19.31	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	135	69	19.17	19.21	19.32	19.27	19.28	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	135	69	19.27	19.23	19.46	19.35	19.37	20.50

N41 Receiver on/Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.69	15.68	15.69	15.74	15.86	17.50
		1	137	16.43	16.51	16.65	16.59	16.60	17.50
		1	271	15.89	15.87	15.84	15.86	15.95	17.50
		135	0	16.35	16.42	16.48	16.55	16.59	17.50
		135	69	16.57	16.57	16.69	16.67	16.71	17.50
		135	138	16.39	16.51	16.53	16.56	16.62	17.50
		270	0	16.37	16.42	16.50	16.57	16.57	17.50
	DFT-s-OFDM QPSK	1	1	15.78	15.73	15.79	15.85	15.92	17.50
		1	137	16.49	16.59	16.59	**16.72**	16.65	17.50
		1	271	15.98	15.95	15.95	15.92	16.02	17.50
		135	0	16.45	16.48	16.55	16.63	16.65	17.50
		135	69	16.65	16.67	16.75	16.73	16.81	17.50
		135	138	16.49	16.59	16.58	16.63	16.67	17.50
		270	0	16.45	16.51	16.57	16.63	16.64	17.50
	DFT-s-OFDM 16QAM	135	69	16.57	16.65	16.78	16.76	16.78	17.50
	DFT-s-OFDM 64QAM	135	69	16.58	16.64	16.76	16.72	16.74	17.50
	DFT-s-OFDM 256QAM	135	69	16.57	16.67	16.74	16.75	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	16.59	16.61	16.68	16.68	16.70	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	16.59	16.61	16.68	16.68	16.70	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	16.66	16.71	16.78	16.73	16.75	17.50

N41 Receiver on/Hotspot on				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.59	15.56	15.60	15.72	15.77	17.50
		1	137	16.28	16.47	16.54	16.56	16.46	17.50
		1	271	15.81	15.81	15.78	15.74	15.88	17.50
		135	0	16.34	16.30	16.41	16.49	16.53	17.50
		135	69	16.44	16.53	16.64	16.58	16.67	17.50
		135	138	16.36	16.38	16.45	16.48	16.51	17.50
		270	0	16.32	16.41	16.43	16.43	16.53	17.50
	DFT-s-OFDM QPSK	1	1	15.68	15.65	15.68	15.79	15.87	17.50
		1	137	16.39	16.52	16.65	16.64	16.56	17.50
		1	271	15.87	15.86	15.88	15.82	15.97	17.50
		135	0	16.39	16.38	16.46	16.56	16.58	17.50
		135	69	16.54	16.59	16.69	16.68	16.73	17.50
		135	138	16.44	16.49	16.53	16.58	16.59	17.50
		270	0	16.39	16.46	16.51	16.53	16.58	17.50
	DFT-s-OFDM 16QAM	135	69	16.47	16.60	16.73	16.69	16.67	17.50
	DFT-s-OFDM 64QAM	135	69	16.50	16.55	16.70	16.66	16.66	17.50
	DFT-s-OFDM 256QAM	135	69	16.48	16.59	16.67	16.68	16.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	135	69	16.50	16.56	16.61	16.62	16.65	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	135	69	16.51	16.50	16.63	16.59	16.62	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	135	69	16.61	16.60	16.72	16.65	16.69	17.50

n77 Receiver off/Hotspot off					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	22.00	22.12	22.07	22.42	22.45	22.43	24.00
			1	137	23.00	23.25	23.53	23.54	23.58	23.59	24.00
			1	271	22.34	22.47	22.51	22.61	22.59	22.40	24.00
			135	0	22.32	22.41	22.67	22.81	22.85	22.89	23.00
			135	69	23.12	23.35	23.57	23.66	23.66	23.72	24.00
			135	138	22.53	22.79	22.83	22.89	22.95	22.85	23.00
			270	0	22.40	22.57	22.73	22.84	22.85	22.81	23.00
		DFT-s-OFDM QPSK	1	1	22.07	22.01	22.09	22.37	22.41	22.42	24.00
			1	137	**23.00**	**23.21**	**23.49**	**23.47**	**23.50**	**23.56**	24.00
			1	271	22.35	22.51	22.43	22.52	22.54	22.33	24.00
			135	0	21.80	21.91	22.15	22.23	22.22	22.33	23.00
			135	69	23.12	23.31	23.57	23.52	23.59	23.67	24.00
			135	138	22.00	22.25	22.28	22.28	22.34	22.26	23.00
			270	0	21.89	22.04	22.21	22.25	22.29	22.27	23.00
		DFT-s-OFDM 16QAM	135	69	22.07	22.24	22.38	22.40	22.37	22.45	23.00
		DFT-s-OFDM 64QAM	135	69	20.72	20.87	20.86	21.06	21.07	21.15	21.50
		DFT-s-OFDM 256QAM	135	69	18.71	18.85	19.07	19.07	19.07	19.12	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.05	23.29	23.49	23.59	23.57	23.61	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.07	23.22	23.48	23.42	23.49	23.62	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.97	23.22	23.40	23.50	23.49	23.52	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.00	23.22	23.40	23.52	23.47	23.50	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
					3720.00	3768.00	3816.00	3864.00	3912.00	3960.00	
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.13	23.32	23.58	23.49	23.58	23.73	24.00

Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.87	23.14	23.31	23.40	23.40	23.44	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.92	23.13	23.29	23.43	23.38	23.43	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.02	23.21	23.53	23.42	23.50	23.63	24.00

n77 Receiver off/Hotspot off					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	1	22.05	22.05	22.12	22.31	22.34	22.36	24.00
			1	137	22.95	23.17	23.48	23.45	23.50	23.48	24.00
			1	271	22.23	22.40	22.42	22.52	22.49	22.31	24.00
			135	0	22.21	22.30	22.58	22.75	22.80	22.78	23.00
			135	69	23.03	23.24	23.50	23.59	23.57	23.64	24.00
			135	138	22.45	22.74	22.78	22.84	22.84	22.80	23.00
			270	0	22.29	22.51	22.66	22.75	22.78	22.76	23.00
		DFT-s-OFDM QPSK	1	1	22.14	22.05	22.01	22.27	22.32	22.35	24.00
			1	137	22.89	23.15	23.41	23.39	23.39	23.49	24.00
			1	271	22.26	22.43	22.34	22.47	22.46	22.26	24.00
			135	0	21.72	21.82	22.05	22.12	22.16	22.22	23.00
			135	69	23.06	23.21	23.49	23.45	23.49	23.62	24.00
			135	138	21.95	22.15	22.23	22.22	22.26	22.19	23.00
			270	0	21.78	21.96	22.10	22.19	22.20	22.18	23.00
		DFT-s-OFDM 16QAM	135	69	21.98	22.16	22.28	22.34	22.28	22.37	23.00
		DFT-s-OFDM 64QAM	135	69	20.64	20.76	20.79	21.01	21.00	21.06	21.50
		DFT-s-OFDM 256QAM	135	69	18.63	18.77	19.01	18.99	18.99	19.05	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
40MHz	15kHz	DFT-s-OFDM QPSK	135	69	23.05	23.29	23.50	23.61	23.53	23.57	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
20MHz	15kHz	DFT-s-OFDM QPSK	135	69	22.94	23.22	23.39	23.51	23.51	23.52	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	135	69	23.08	23.28	23.63	23.52	23.56	23.71	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
10MHz	15kHz	DFT-s-OFDM QPSK	135	69	23.06	23.33	23.47	23.58	23.52	23.57	24.00

n77 Receiver on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	16.31	16.26	16.33	16.65	16.74	16.75	18.00
			1	137	17.11	17.40	17.30	17.62	17.56	17.61	18.00
			1	271	16.66	16.80	16.79	16.91	16.94	16.82	18.00
			135	0	16.99	17.09	17.35	17.45	17.51	17.52	18.00
			135	69	17.21	17.40	17.61	17.53	17.70	17.31	18.00
			135	138	17.18	17.46	17.45	17.51	17.57	17.40	18.00
			270	0	17.00	17.15	17.29	17.37	17.37	17.39	18.00
		DFT-s-OFDM QPSK	1	1	16.24	16.16	16.25	16.53	16.58	16.56	18.00
			1	137	**17.18**	**17.36**	**17.64**	**17.55**	**17.60**	**17.68**	18.00
			1	271	16.74	16.83	16.81	16.89	16.87	16.73	18.00
			135	0	17.07	17.12	17.33	17.49	17.48	17.52	18.00
			135	69	17.29	17.47	17.68	17.69	**17.68**	17.72	18.00
			135	138	17.23	17.45	17.51	17.48	17.53	17.45	18.00
			270	0	17.14	17.26	17.38	17.48	17.51	**17.70**	18.00
		DFT-s-OFDM 16QAM	135	69	17.28	17.45	17.63	17.68	17.64	17.68	18.00
		DFT-s-OFDM 64QAM	135	69	17.32	17.45	17.64	17.66	17.68	17.71	18.00
		DFT-s-OFDM 256QAM	135	69	16.71	16.85	17.07	17.07	17.07	17.12	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	17.10	17.32	17.53	17.44	17.64	17.24	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	17.24	17.42	17.58	17.64	17.61	17.62	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	17.05	17.24	17.43	17.33	17.55	17.17	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	17.05	17.27	17.44	17.39	17.54	17.15	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	17.34	17.47	17.63	17.71	17.66	17.69	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.98	17.18	17.33	17.24	17.47	17.06	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up

15MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.97	17.16	17.33	17.32	17.49	17.07	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	17.24	17.40	17.57	17.61	17.56	17.64	18.00

n77 Receiver on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	1	16.22	16.18	16.25	16.55	16.67	16.68	18.00
			1	137	17.01	17.29	17.21	17.53	17.47	17.50	18.00
			1	271	16.58	16.75	16.73	16.86	16.86	16.71	18.00
			135	0	16.88	17.04	17.26	17.40	17.41	17.41	18.00
			135	69	17.14	17.32	17.51	17.42	17.62	17.26	18.00
			135	138	17.13	17.35	17.34	17.41	17.47	17.34	18.00
			270	0	16.89	17.10	17.20	17.32	17.31	17.31	18.00
		DFT-s-OFDM QPSK	1	1	16.18	16.09	16.18	16.46	16.47	16.50	18.00
			1	137	17.09	17.27	17.56	17.44	17.55	17.52	18.00
			1	271	16.65	16.72	16.72	16.82	16.78	16.64	18.00
			135	0	17.00	17.05	17.22	17.43	17.40	17.47	18.00
			135	69	17.24	17.41	17.61	17.58	17.57	17.65	18.00
			135	138	17.18	17.37	17.43	17.37	17.48	17.35	18.00
			270	0	17.07	17.18	17.27	17.42	17.45	17.41	18.00
		DFT-s-OFDM 16QAM	135	69	17.20	17.38	17.58	17.59	17.55	17.57	18.00
		DFT-s-OFDM 64QAM	135	69	17.25	17.39	17.59	17.57	17.58	17.66	18.00
		DFT-s-OFDM 256QAM	135	69	16.66	16.79	16.96	16.98	16.99	17.03	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
40MHz	15kHz	DFT-s-OFDM QPSK	135	69	17.15	17.34	17.52	17.49	17.61	17.22	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
20MHz	15kHz	DFT-s-OFDM QPSK	135	69	17.06	17.27	17.40	17.30	17.56	17.17	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	135	69	17.30	17.49	17.63	17.68	17.61	17.69	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
10MHz	15kHz	DFT-s-OFDM QPSK	135	69	17.12	17.33	17.49	17.45	17.65	17.24	18.00

n77 Hotspot on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	14.93	14.86	14.95	15.24	15.22	15.25	16.50
			1	137	15.65	15.83	16.10	16.06	16.08	16.15	16.50
			1	271	15.17	15.33	15.26	15.33	15.32	15.16	16.50
			135	0	15.49	15.58	15.78	15.94	15.96	15.95	16.50
			135	69	15.72	15.93	16.09	16.12	16.14	16.17	16.50
			135	138	15.67	15.87	15.89	15.95	15.96	15.87	16.50
			270	0	15.55	15.71	15.84	15.92	15.92	15.93	16.50
		DFT-s-OFDM QPSK	1	1	14.90	14.84	14.88	15.19	15.22	15.23	16.50
			1	137	15.61	15.82	15.98	15.99	16.01	**16.05**	16.50
			1	271	15.16	15.27	15.26	15.32	15.33	15.11	16.50
			135	0	15.50	15.55	15.79	15.88	15.92	15.95	16.50
			135	69	15.71	15.89	16.05	16.11	16.07	16.13	16.50
			135	138	15.64	15.84	15.87	15.91	15.97	15.81	16.50
			270	0	15.55	15.68	15.82	15.88	15.91	15.86	16.50
		DFT-s-OFDM 16QAM	135	69	15.73	15.83	16.04	16.03	16.02	16.04	16.50
		DFT-s-OFDM 64QAM	135	69	15.70	15.86	16.02	16.05	16.03	16.06	16.50
		DFT-s-OFDM 256QAM	135	69	15.74	15.87	16.04	16.07	16.04	16.07	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.63	15.87	15.99	16.02	16.06	16.11	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.64	15.78	15.95	16.03	16.01	16.01	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.57	15.72	15.96	15.91	16.00	15.96	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.53	15.76	15.91	15.98	15.98	16.01	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.74	15.93	16.06	16.09	16.08	16.09	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.43	15.71	15.81	15.87	15.91	15.97	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.43	15.66	15.84	15.86	15.92	15.91	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	15.59	15.87	15.90	16.08	16.01	16.05	16.50

n77 Hotspot on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	1	14.93	14.86	14.95	15.24	15.22	15.25	16.50
			1	137	15.65	15.83	16.10	16.06	16.08	16.15	16.50
			1	271	15.17	15.33	15.26	15.33	15.32	15.16	16.50
			135	0	15.49	15.58	15.78	15.94	15.96	15.95	16.50
			135	69	15.72	15.93	16.09	16.12	16.14	16.17	16.50
			135	138	15.67	15.87	15.89	15.95	15.96	15.87	16.50
			270	0	15.55	15.71	15.84	15.92	15.92	15.93	16.50
		DFT-s-OFDM QPSK	1	1	14.90	14.84	14.88	15.19	15.22	15.23	16.50
			1	137	15.61	15.82	15.98	15.99	16.01	16.05	16.50
			1	271	15.16	15.27	15.26	15.32	15.33	15.11	16.50
			135	0	15.50	15.55	15.79	15.88	15.92	15.95	16.50
			135	69	15.71	15.89	16.05	16.13	16.07	16.11	16.50
			135	138	15.64	15.84	15.87	15.91	15.97	15.81	16.50
			270	0	15.55	15.68	15.82	15.88	15.91	15.86	16.50
		DFT-s-OFDM 16QAM	135	69	15.73	15.83	16.04	16.03	16.02	16.04	16.50
		DFT-s-OFDM 64QAM	135	69	15.70	15.86	16.02	16.05	16.03	16.06	16.50
		DFT-s-OFDM 256QAM	135	69	15.74	15.87	16.04	16.07	16.04	16.07	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
40MHz	15kHz	DFT-s-OFDM QPSK	135	69	15.70	15.93	16.10	16.09	16.17	15.76	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
20MHz	15kHz	DFT-s-OFDM QPSK	135	69	15.65	15.86	15.95	15.89	16.10	15.71	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	135	69	15.88	16.09	16.20	16.23	16.17	16.27	16.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
10MHz	15kHz	DFT-s-OFDM QPSK	135	69	15.70	15.90	16.07	16.00	16.23	15.82	16.50

Table 10：Conducted Power of NR

2.1.4 Conducted Power of NR Antenna (Ant4)

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.58	19.51	19.44	20.50
		1	53	19.56	19.51	19.47	20.50
		1	104	19.54	19.47	19.46	20.50
		50	0	19.51	19.54	19.58	20.50
		50	28	19.56	19.57	19.61	20.50
		50	56	19.49	19.47	19.43	20.50
		100	0	19.53	19.57	19.53	20.50
	DFT-s-OFDM QPSK	1	1	19.65	19.62	**19.68**	20.50
		1	53	19.66	19.58	19.58	20.50
		1	104	19.64	19.54	19.51	20.50
		50	0	19.58	19.64	19.64	20.50
		50	28	19.64	19.66	**19.67**	20.50
		50	56	19.57	19.53	19.53	20.50
		100	0	19.61	19.64	19.61	20.50
	DFT-s-OFDM 16QAM	50	28	19.67	19.64	19.64	20.50
	DFT-s-OFDM 64QAM	50	28	19.67	19.65	19.63	20.50
	DFT-s-OFDM 256QAM	50	28	17.87	17.85	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	19.46	19.48	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	19.54	19.53	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	19.62	19.58	19.74	20.50

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.51	19.40	19.34	20.50
		1	53	19.47	19.41	19.38	20.50
		1	104	19.48	19.36	19.39	20.50
		50	0	19.46	19.44	19.52	20.50
		50	28	19.51	19.50	19.55	20.50
		50	56	19.39	19.38	19.36	20.50
		100	0	19.46	19.48	19.42	20.50
	DFT-s-OFDM QPSK	1	1	19.62	19.57	19.46	20.50
		1	53	19.55	19.50	19.47	20.50
		1	104	19.56	19.44	19.46	20.50
		50	0	19.51	19.57	19.56	20.50
		50	28	19.58	19.56	19.61	20.50
		50	56	19.49	19.45	19.46	20.50
		100	0	19.52	19.55	19.51	20.50
	DFT-s-OFDM 16QAM	50	28	19.59	19.56	19.54	20.50
	DFT-s-OFDM 64QAM	50	28	19.60	19.56	19.52	20.50
	DFT-s-OFDM 256QAM	50	28	17.77	17.75	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	19.55	19.56	19.62	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	19.62	19.67	19.67	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	19.51	19.56	19.58	20.50

N38 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.86	14.96	14.83	16.00
		1	53	14.91	15.02	14.91	16.00
		1	104	14.84	14.92	15.03	16.00
		50	0	14.89	14.97	14.94	16.00
		50	28	15.08	15.01	15.09	16.00
		50	56	14.96	14.94	14.85	16.00
		100	0	14.89	15.04	14.94	16.00
	DFT-s-OFDM QPSK	1	1	14.96	15.01	14.92	16.00
		1	53	14.97	15.09	**15.10**	16.00
		1	104	14.93	15.01	15.09	16.00
		50	0	14.96	15.03	15.01	16.00
		50	28	15.20	15.11	15.18	16.00
		50	56	15.03	15.05	14.93	16.00
		100	0	15.00	15.10	15.00	16.00
	DFT-s-OFDM 16QAM	50	28	15.06	15.05	14.99	16.00
	DFT-s-OFDM 64QAM	50	28	15.07	15.06	15.02	16.00
	DFT-s-OFDM 256QAM	50	28	15.06	15.08	15.00	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	15.03	14.92	15.00	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	15.11	15.02	15.09	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	15.21	15.12	15.16	16.00

N38 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.77	14.90	14.75	16.00
		1	53	14.83	14.91	14.82	16.00
		1	104	14.74	14.82	14.97	16.00
		50	0	14.79	14.89	14.85	16.00
		50	28	15.04	14.91	15.01	16.00
		50	56	14.87	14.88	14.79	16.00
		100	0	14.83	14.97	14.89	16.00
	DFT-s-OFDM QPSK	1	1	14.86	14.91	14.85	16.00
		1	53	14.87	15.00	14.92	16.00
		1	104	14.84	14.92	15.02	16.00
		50	0	14.85	14.95	14.92	16.00
		50	28	15.01	15.02	15.03	16.00
		50	56	14.97	14.94	14.85	16.00
		100	0	14.93	15.05	14.94	16.00
	DFT-s-OFDM 16QAM	50	28	15.01	14.98	14.88	16.00
	DFT-s-OFDM 64QAM	50	28	14.98	14.95	14.94	16.00
	DFT-s-OFDM 256QAM	50	28	15.01	15.00	14.95	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	50	28	15.12	15.02	15.09	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	50	28	15.18	15.13	15.17	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	50	28	15.09	15.07	15.09	16.00

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.64	18.80	18.90	18.75	18.52	20.50
		1	137	19.30	19.34	19.47	19.42	18.91	20.50
		1	271	18.60	18.69	18.59	18.65	18.64	20.50
		135	0	19.33	19.25	19.31	19.37	19.30	20.50
		135	69	19.45	19.52	19.54	19.38	19.14	20.50
		135	138	19.20	19.28	19.12	18.97	18.64	20.50
		270	0	19.29	19.24	19.23	19.16	18.97	20.50
	DFT-s-OFDM QPSK	1	1	18.73	18.89	18.95	18.52	18.62	20.50
		1	137	19.39	19.44	**19.56**	19.48	19.01	20.50
		1	271	18.67	18.54	18.65	18.74	18.69	20.50
		135	0	19.39	19.36	19.37	19.42	19.35	20.50
		135	69	19.53	19.57	19.62	19.49	19.24	20.50
		135	138	19.30	19.36	19.22	19.02	18.72	20.50
		270	0	19.36	19.32	19.34	19.25	19.07	20.50
	DFT-s-OFDM 16QAM	135	69	19.49	19.55	19.57	19.45	19.21	20.50
	DFT-s-OFDM 64QAM	135	69	19.51	19.53	19.54	19.46	19.19	20.50
	DFT-s-OFDM 256QAM	135	69	17.71	17.73	17.77	17.64	17.43	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	19.40	19.45	19.46	19.32	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	19.30	19.39	19.39	19.24	18.99	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	19.37	19.43	19.43	19.25	19.03	20.50

N41 Receiver off/Hotspot off				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.54	18.73	18.83	18.66	18.75	20.50
		1	137	19.20	19.24	19.37	19.34	18.82	20.50
		1	271	18.54	18.63	18.50	18.58	18.54	20.50
		135	0	19.26	19.15	19.23	19.28	19.25	20.50
		135	69	19.39	19.46	19.45	19.33	19.04	20.50
		135	138	19.13	19.18	19.04	18.92	18.53	20.50
		270	0	19.22	19.18	19.18	19.05	18.87	20.50
	DFT-s-OFDM QPSK	1	1	18.65	18.84	18.88	18.95	18.52	20.50
		1	137	19.34	19.34	19.49	19.41	18.96	20.50
		1	271	18.62	18.78	18.60	18.64	18.64	20.50
		135	0	19.31	19.26	19.27	19.32	19.25	20.50
		135	69	19.43	19.48	19.56	19.40	19.14	20.50
		135	138	19.22	19.29	19.15	18.94	18.64	20.50
		270	0	19.27	19.21	19.27	19.19	18.97	20.50
	DFT-s-OFDM 16QAM	135	69	19.42	19.44	19.46	19.40	19.13	20.50
	DFT-s-OFDM 64QAM	135	69	19.46	19.45	19.43	19.38	19.10	20.50
	DFT-s-OFDM 256QAM	135	69	17.61	17.68	17.69	17.56	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	19.50	19.55	19.54	19.39	19.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	19.45	19.45	19.47	19.29	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	19.53	19.52	19.53	19.38	19.11	20.50

N41 Receiver on/Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.05	15.83	15.77	15.68	15.72	17.50
		1	137	16.49	16.48	16.57	16.50	16.22	17.50
		1	271	15.76	15.75	15.79	15.70	15.77	17.50
		135	0	16.53	16.42	16.46	16.47	16.49	17.50
		135	69	16.61	16.54	16.65	16.59	16.35	17.50
		135	138	16.37	16.46	16.35	16.16	15.89	17.50
		270	0	16.40	16.35	16.41	16.33	16.16	17.50
	DFT-s-OFDM QPSK	1	1	16.14	15.89	15.82	15.76	15.78	17.50
		1	137	16.55	16.57	16.64	16.60	16.32	17.50
		1	271	15.86	15.81	15.53	15.80	15.85	17.50
		135	0	16.58	16.48	16.52	16.58	16.54	17.50
		135	69	16.69	16.62	16.40	16.64	16.71	17.50
		135	138	16.43	16.52	16.42	16.22	15.99	17.50
		270	0	16.50	16.43	16.48	16.39	16.24	17.50
	DFT-s-OFDM 16QAM	135	69	16.59	16.65	16.68	16.63	16.41	17.50
	DFT-s-OFDM 64QAM	135	69	16.60	16.66	16.70	16.62	16.41	17.50
	DFT-s-OFDM 256QAM	135	69	16.67	16.67	16.62	16.66	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	16.50	16.45	16.59	16.51	16.30	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	16.41	16.35	16.54	16.43	16.19	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	16.46	16.40	16.64	16.54	16.27	17.50

N41 Receiver on/Hotspot on				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.94	15.77	15.70	15.57	15.66	17.50
		1	137	16.40	16.38	16.52	16.40	16.17	17.50
		1	271	15.67	15.66	15.74	15.60	15.71	17.50
		135	0	16.47	16.34	16.35	16.37	16.44	17.50
		135	69	16.52	16.49	16.58	16.51	16.30	17.50
		135	138	16.30	16.38	16.29	16.11	15.83	17.50
		270	0	16.29	16.25	16.36	16.22	16.07	17.50
	DFT-s-OFDM QPSK	1	1	16.04	15.81	15.74	15.66	15.73	17.50
		1	137	16.45	16.46	16.58	16.52	16.26	17.50
		1	271	15.78	15.74	15.78	15.70	15.76	17.50
		135	0	16.51	16.37	16.47	16.51	16.49	17.50
		135	69	16.63	16.53	16.66	16.58	16.35	17.50
		135	138	16.33	16.46	16.32	16.17	15.88	17.50
		270	0	16.44	16.32	16.38	16.32	16.16	17.50
	DFT-s-OFDM 16QAM	135	69	16.51	16.54	16.60	16.57	16.36	17.50
	DFT-s-OFDM 64QAM	135	69	16.49	16.59	16.59	16.53	16.35	17.50
	DFT-s-OFDM 256QAM	135	69	16.56	16.57	16.57	16.58	16.36	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	135	69	16.57	16.56	16.69	16.62	16.37	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	135	69	16.68	16.64	16.70	16.68	16.46	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	135	69	16.61	16.60	16.69	16.55	16.38	17.50

n77 Receiver on					Conducted Power(dBm)							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	17.68	17.39	17.25	17.21	19.00	16.89	16.51	18.00
			1	137	18.34	18.35	18.31	17.82	19.00	17.23	16.95	18.00
			1	271	17.31	17.11	17.02	17.01	19.00	16.18	16.00	18.00
			135	0	17.73	17.59	17.61	17.41	18.00	16.96	16.73	17.00
			135	69	18.42	18.37	18.32	17.91	19.00	17.04	16.84	18.00
			135	138	17.63	17.62	17.21	16.85	18.00	16.66	16.42	17.00
			270	0	17.65	17.56	17.39	17.07	18.00	16.75	16.49	17.00
		DFT-s-OFDM QPSK	1	1	17.54	17.25	17.16	17.18	19.00	16.82	16.42	18.00
			1	137	**18.26**	18.25	18.19	17.79	19.00	17.45	16.85	18.00
			1	271	17.23	17.02	17.26	17.32	19.00	16.09	16.01	18.00
			135	0	17.12	17.05	17.01	16.76	18.00	16.38	16.08	17.00
			135	69	18.45	18.27	18.22	17.80	19.00	17.46	17.00	18.00
			135	138	17.05	17.01	16.64	16.29	18.00	16.03	15.75	17.00
			270	0	**17.07**	16.95	16.79	16.51	18.00	16.15	16.25	17.00
		DFT-s-OFDM 16QAM	135	69	17.30	17.23	17.15	16.76	18.00	16.38	16.18	17.00
		DFT-s-OFDM 64QAM	135	69	15.95	15.91	15.59	15.44	16.50	15.03	14.85	15.50
		DFT-s-OFDM 256QAM	135	69	13.97	13.92	13.81	13.43	14.50	13.06	12.84	13.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Tune up	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.24	18.21	18.15	17.99	19.00	17.35	16.92	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Tune up	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.29	18.12	18.20	18.01	19.00	17.25	16.91	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Tune up	Channel 660400	Channel 663332	Tune up
					3730.02	3774.00	3818.01	3862.02		3906.00	3949.98	
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.08	18.05	18.11	17.81	19.00	17.40	16.95	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.17	18.02	18.05	17.79	19.00	17.42	17.11	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up

40MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.05	18.12	18.10	17.87	19.00	17.25	16.89	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.15	18.24	18.00	17.69	19.00	17.39	16.96	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.20	18.11	18.05	17.85	19.00	17.35	17.01	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	18.13	18.09	18.14	17.84	19.00	17.32	17.05	18.00

n77 Receiver on					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	1	17.59	17.30	17.16	17.16	19.00	16.83	16.43	18.00
			1	137	18.27	18.27	18.21	17.71	19.00	17.14	16.87	18.00
			1	271	17.24	17.06	17.11	17.05	19.00	16.09	16.05	18.00
			135	0	17.68	17.53	17.53	17.34	18.00	16.87	16.64	17.00
			135	69	18.15	18.28	18.25	17.84	19.00	16.95	16.73	18.00
			135	138	17.54	17.54	17.12	16.78	18.00	16.55	16.32	17.00
			270	0	17.54	17.46	17.30	16.99	18.00	16.68	16.44	17.00
		DFT-s-OFDM QPSK	1	1	17.45	17.14	17.08	17.09	19.00	16.77	16.31	18.00
			1	137	18.18	18.15	18.10	17.74	19.00	17.37	16.74	18.00
			1	271	17.12	17.25	17.20	17.24	19.00	16.04	16.02	18.00
			135	0	17.03	16.95	16.95	16.65	18.00	16.29	15.98	17.00
			135	69	18.28	18.21	18.11	17.70	19.00	17.38	16.91	18.00
			135	138	16.94	16.90	16.54	16.23	18.00	15.92	15.65	17.00
			270	0	16.99	16.89	16.71	16.43	18.00	16.04	16.20	17.00
		DFT-s-OFDM 16QAM	135	69	17.21	17.18	17.06	16.65	18.00	16.28	16.10	17.00
		DFT-s-OFDM 64QAM	135	69	15.89	15.80	15.50	15.34	16.50	14.98	14.76	15.50
		DFT-s-OFDM 256QAM	135	69	13.87	13.85	13.73	13.32	14.50	13.00	12.79	13.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	15kHz	DFT-s-OFDM QPSK	135	69	18.17	18.30	18.27	17.84	19.00	16.98	16.74	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	15kHz	DFT-s-OFDM QPSK	135	69	18.26	18.41	18.17	17.90	19.00	17.08	16.84	18.00

Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	135	69	18.15	18.22	18.26	17.83	19.00	17.01	16.75	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
10MHz	15kHz	DFT-s-OFDM QPSK	135	69	18.24	18.28	18.15	17.74	19.00	16.91	16.65	18.00

n77 Receiver off					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	15.67	15.98	15.00	15.24	17.00	14.84	14.53	16.00
			1	137	16.34	16.22	16.19	15.77	17.00	15.43	15.22	16.00
			1	271	15.34	15.01	15.11	15.12	17.00	14.12	14.03	16.00
			135	0	16.25	16.05	16.06	15.86	17.00	15.49	15.15	16.00
			135	69	16.42	16.31	16.21	16.07	17.00	15.50	15.32	16.00
			135	138	16.16	16.09	15.73	15.57	17.00	15.12	14.87	16.00
			270	0	16.17	16.05	15.84	15.79	17.00	15.25	14.99	16.00
		DFT-s-OFDM QPSK	1	1	15.53	15.30	15.15	15.46	17.00	14.83	14.41	16.00
			1	137	**16.23**	16.14	16.08	15.92	17.00	15.33	15.08	16.00
			1	271	15.25	15.00	15.05	15.08	17.00	14.05	14.02	16.00
			135	0	16.14	16.01	15.95	15.98	17.00	15.37	15.05	16.00
			135	69	16.29	16.18	16.09	15.99	17.00	15.40	15.15	16.00
			135	138	16.07	15.93	15.63	15.46	17.00	14.99	14.69	16.00
			270	0	16.07	15.95	15.78	15.67	17.00	15.14	14.89	16.00
		DFT-s-OFDM 16QAM	135	69	16.32	16.21	16.10	15.91	17.00	15.35	15.15	16.00
		DFT-s-OFDM 64QAM	135	69	15.95	15.91	15.59	15.44	16.50	15.03	14.85	15.50
		DFT-s-OFDM 256QAM	135	69	13.97	13.92	13.81	13.43	14.50	13.06	12.84	13.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Tune up	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.12	16.09	16.02	15.85	17.00	15.25	15.02	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Tune up	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.20	16.11	16.05	15.95	17.00	15.35	15.09	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Tune up	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.21	16.19	16.12	16.02	17.00	15.39	15.13	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up

50MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.01	16.02	15.95	15.86	17.00	15.27	15.20	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.19	16.05	16.02	15.95	17.00	15.24	15.01	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.02	16.05	16.11	16.01	17.00	15.12	14.99	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.22	16.14	16.09	15.97	17.00	15.02	14.95	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	16.18	16.14	16.09	15.99	17.00	15.17	15.02	16.00

n77 Receiver off					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	1	15.56	15.90	15.56	15.18	17.00	14.77	14.45	16.00
			1	137	16.24	16.11	16.14	15.72	17.00	15.34	15.13	16.00
			1	271	15.28	15.24	15.04	15.01	17.00	14.03	14.02	16.00
			135	0	16.20	16.00	16.01	15.78	17.00	15.41	15.05	16.00
			135	69	16.14	16.20	16.16	16.02	17.00	15.39	15.22	16.00
			135	138	16.09	15.99	15.66	15.46	17.00	15.06	14.76	16.00
			270	0	16.06	15.94	15.75	15.71	17.00	15.19	14.92	16.00
		DFT-s-OFDM QPSK	1	1	15.48	15.24	15.08	15.36	17.00	14.75	14.33	16.00
			1	137	16.18	16.06	15.99	15.85	17.00	15.22	15.03	16.00
			1	271	15.19	15.02	15.14	15.00	17.00	14.58	14.39	16.00
			135	0	16.04	15.96	15.87	15.91	17.00	15.29	14.96	16.00
			135	69	16.20	16.09	15.99	15.94	17.00	15.35	15.06	16.00
			135	138	16.02	15.83	15.58	15.40	17.00	14.91	14.60	16.00
			270	0	16.01	15.90	15.71	15.62	17.00	15.09	14.84	16.00
		DFT-s-OFDM 16QAM	135	69	16.25	16.13	15.99	15.84	17.00	15.27	15.10	16.00
		DFT-s-OFDM 64QAM	135	69	15.84	15.83	15.51	15.33	16.50	14.96	14.78	15.50
		DFT-s-OFDM 256QAM	135	69	13.92	13.86	13.74	13.34	14.50	12.98	12.77	13.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	15kHz	DFT-s-OFDM QPSK	135	69	16.14	15.98	15.88	15.87	17.00	15.26	15.01	16.00

Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	15kHz	DFT-s-OFDM QPSK	135	69	16.14	15.90	15.96	15.67	17.00	15.36	14.96	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	135	69	16.06	15.79	15.89	15.60	17.00	15.26	14.87	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
10MHz	15kHz	DFT-s-OFDM QPSK	135	69	16.14	15.90	15.97	15.68	17.00	15.37	14.92	16.00

Table 11：Conducted Power of NR

2.1.5 Conducted Power of NR Antenna (Ant5)

n77 Receiver on					Conducted Power(dBm)							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	22.58	22.42	22.38	22.38	24.20	22.11	22.16	23.20
			1	137	23.38	23.27	23.26	23.01	24.20	22.62	22.40	23.20
			1	271	22.34	22.26	22.20	22.31	24.20	22.13	22.02	23.20
			135	0	22.92	22.63	22.54	22.37	23.20	21.87	21.81	22.20
			135	69	23.51	23.33	23.27	23.02	24.20	22.63	22.51	23.20
			135	138	22.61	22.53	22.29	22.12	23.20	21.78	21.46	22.20
			270	0	22.65	22.52	22.38	22.22	23.20	21.78	21.58	22.20
		DFT-s-OFDM QPSK	1	1	22.56	22.35	22.37	22.37	24.20	22.06	22.05	23.20
			1	137	**23.36**	23.21	23.17	22.89	24.20	22.49	22.30	23.20
			1	271	22.26	22.22	22.38	22.24	24.20	22.06	22.16	23.20
			135	0	22.35	22.02	21.96	21.79	23.20	21.33	21.15	22.20
			135	69	23.43	23.24	23.18	22.92	24.20	22.50	22.33	23.20
			135	138	22.01	21.95	21.70	21.51	23.20	21.14	21.22	22.20
			270	0	22.12	21.91	21.81	21.60	23.20	21.15	20.98	22.20
		DFT-s-OFDM 16QAM	135	69	22.27	22.04	21.97	21.70	23.20	21.33	21.19	22.20
		DFT-s-OFDM 64QAM	135	69	20.93	20.77	20.44	20.41	21.70	19.94	19.82	20.70
		DFT-s-OFDM 256QAM	135	69	18.94	18.77	18.65	18.42	19.70	17.97	17.82	18.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Tune up	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.46	23.27	23.18	22.91	24.20	22.73	22.59	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Tune up	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.29	23.14	23.11	22.79	24.20	22.55	22.41	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Tune up	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.32	23.18	23.07	22.81	24.20	22.57	22.39	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.25	23.11	23.04	22.78	24.20	22.69	22.48	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.17	22.96	22.89	22.67	24.20	22.75	22.57	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-	135	69	23.22	23.09	22.98	22.75	24.20	22.76	22.64	23.20

		OFDM QPSK										
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.35	23.14	23.12	22.89	24.20	22.92	22.71	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	23.22	23.12	23.03	22.72	24.20	22.88	22.68	23.20

n77 Receiver on					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	1	23.25	23.03	23.05	22.81	24.20	22.26	22.08	23.20
			1	66	23.44	23.31	23.38	23.01	24.20	22.56	22.27	23.20
			1	132	22.35	22.43	22.24	22.94	24.20	22.52	22.15	23.20
			64	0	22.87	22.68	22.68	22.37	23.20	21.86	21.60	22.20
			64	32	23.39	23.23	23.20	22.85	24.20	22.41	22.09	23.20
			64	69	22.73	22.65	22.54	22.18	23.20	21.78	21.38	22.20
			128	0	22.91	22.82	22.79	22.46	23.20	22.01	21.75	22.20
		DFT-s-OFDM QPSK	1	1	23.18	23.00	22.94	22.74	24.20	22.15	22.35	23.20
			1	66	23.34	23.27	23.35	22.89	24.20	22.45	22.20	23.20
			1	132	22.43	22.51	22.29	22.31	24.20	22.21	22.15	23.20
			64	0	22.34	22.19	22.12	21.80	23.20	21.28	21.04	22.20
			64	32	23.29	23.22	23.15	22.75	24.20	22.28	21.99	23.20
			64	69	22.28	22.17	21.93	21.63	23.20	21.21	21.42	22.20
			128	0	22.42	22.30	22.20	21.84	23.20	21.38	21.10	22.20
		DFT-s-OFDM 16QAM	1	66	22.23	21.98	21.94	21.54	23.20	21.09	21.18	22.20
		DFT-s-OFDM 64QAM	1	66	20.84	20.61	20.46	20.16	21.70	19.71	19.76	20.70
		DFT-s-OFDM 256QAM	1	66	19.44	19.21	19.13	18.76	19.70	18.29	17.99	18.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	15kHz	DFT-s-OFDM QPSK	1	66	23.38	23.20	23.07	22.82	24.20	22.67	22.53	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	15kHz	DFT-s-OFDM QPSK	1	66	23.24	23.09	23.00	22.71	24.20	22.45	22.36	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	1	66	23.22	23.08	22.97	22.74	24.20	22.49	22.33	23.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up	Channel	Channel	Tune up

					647000	650600	654200	657800		661400	665000	
10MHz	15kHz	DFT-s-OFDM QPSK	1	66	23.20	23.03	22.95	22.67	24.20	22.61	22.40	23.20

n77 Receiver off					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	14.21	14.01	13.96	14.05	15.20	13.55	13.20	14.20
			1	137	14.67	14.73	14.74	14.35	15.20	13.82	13.56	14.20
			1	271	14.08	13.95	13.58	13.35	15.20	13.79	13.73	14.20
			135	0	14.60	14.52	14.63	14.50	15.20	13.91	13.61	14.20
			135	69	14.70	14.76	14.71	14.77	15.20	13.89	13.66	14.20
			135	138	14.56	14.62	14.41	14.61	15.20	13.59	13.26	14.20
			270	0	14.56	14.51	14.49	14.61	15.20	13.73	13.42	14.20
		DFT-s-OFDM QPSK	1	1	14.18	14.02	13.95	14.14	15.20	13.49	13.16	14.20
			1	137	**14.70**	14.68	14.69	14.62	15.20	13.79	13.51	14.20
			1	271	14.01	13.94	13.54	13.98	15.20	13.88	13.73	14.20
			135	0	14.60	14.54	14.58	14.60	15.20	13.82	13.53	14.20
			135	69	14.82	14.73	14.70	14.78	15.20	13.84	13.52	14.20
			135	138	14.59	14.59	14.33	14.58	15.20	13.51	13.22	14.20
			270	0	14.58	14.53	14.44	14.56	15.20	13.66	13.37	14.20
		DFT-s-OFDM 16QAM	135	69	14.73	14.73	14.68	14.37	15.20	13.82	13.54	14.20
		DFT-s-OFDM 64QAM	135	69	14.69	14.66	14.67	14.33	15.20	13.78	13.55	14.20
		DFT-s-OFDM 256QAM	135	69	14.71	14.72	14.68	14.36	15.20	13.84	13.54	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Tune up	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	14.60	14.71	14.66	14.67	15.20	14.00	13.76	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Tune up	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	14.53	14.62	14.62	14.57	15.20	13.87	13.60	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Tune up	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	14.61	14.62	14.63	14.72	15.20	13.90	13.62	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up	Channel	Channel	Tune up
					3725.01	3771.00	3817.02	3863.01		3909.00	3954.99	
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	14.53	14.51	14.57	14.62	15.20	13.96	13.71	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
					3720.00	3768.00	3816.00	3864.00		3912.00	3960.00	
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	14.44	14.46	14.48	14.51	15.20	14.02	13.77	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
					3710.01	3762.00	3814.02	3866.01		3918.00	3969.99	
20MHz	30kHz	DFT-s-OFDM	135	69	14.52	14.55	14.55	14.56	15.20	14.09	13.86	14.20

		QPSK										
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
					3707.52	3760.50	3813.48	3866.52		3919.50	3972.48	
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	14.57	14.62	14.63	14.64	15.20	14.19	13.97	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
					3705.00	3759.00	3813.00	3867.00		3921.00	3975.00	
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	14.47	14.55	14.58	14.54	15.20	14.10	13.89	14.20

n77 Receiver off					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	1	14.65	14.39	14.51	14.34	15.20	13.66	13.30	14.20
			1	66	14.72	14.65	14.74	14.30	15.20	13.70	13.32	14.20
			1	132	14.37	14.49	14.26	13.87	15.20	13.30	13.42	14.20
			64	0	14.73	14.57	14.69	14.38	15.20	13.72	13.32	14.20
			64	32	14.72	14.65	14.73	14.32	15.20	13.70	13.29	14.20
			64	69	14.64	14.65	14.52	14.14	15.20	13.57	13.13	14.20
			128	0	14.78	14.69	14.71	14.36	15.20	13.77	13.39	14.20
		DFT-s-OFDM QPSK	1	1	14.61	14.33	14.45	14.28	15.20	13.56	13.23	14.20
			1	66	14.76	14.54	14.70	14.27	15.20	13.62	13.24	14.20
			1	132	14.39	14.45	14.26	13.79	15.20	13.26	13.61	14.20
			64	0	14.79	14.58	14.64	14.37	15.20	13.70	13.36	14.20
			64	32	14.80	14.62	14.72	14.29	15.20	13.68	13.32	14.20
			64	69	14.67	14.63	14.56	14.11	15.20	13.50	13.13	14.20
			128	0	14.71	14.65	14.66	14.30	15.20	13.69	13.31	14.20
		DFT-s-OFDM 16QAM	64	32	14.67	14.59	14.61	14.22	15.20	13.59	13.25	14.20
		DFT-s-OFDM 64QAM	64	32	14.72	14.63	14.69	14.28	15.20	13.65	13.26	14.20
		DFT-s-OFDM 256QAM	64	32	14.73	14.62	14.66	14.25	15.20	13.66	13.27	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	15kHz	DFT-s-OFDM QPSK	64	32	14.50	14.61	14.57	14.60	15.20	13.90	13.65	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	15kHz	DFT-s-OFDM QPSK	64	32	14.48	14.53	14.53	14.50	15.20	13.76	13.55	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	64	32	14.55	14.55	14.57	14.65	15.20	13.79	13.53	14.20
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up	Channel	Channel	Tune up

					647000	650600	654200	657800		661400	665000	
10MHz	15kHz	DFT-s-OFDM QPSK	64	32	14.55	14.55	14.57	14.65	15.20	13.79	13.53	14.20

Table 12：Conducted Power of NR

2.1.6 Conducted Power of NR Antenna (Ant6)

n77 Receiver on					Conducted Power(dBm)							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	21.54	21.41	21.27	21.32	23.00	20.90	20.53	22.00
			1	137	22.37	22.34	22.29	21.93	23.00	21.54	21.22	22.00
			1	271	21.32	21.11	21.09	21.06	23.00	20.00	20.23	22.00
			135	0	21.74	21.63	21.64	21.43	22.00	20.69	20.69	21.00
			135	69	22.66	22.56	22.54	22.21	23.00	21.75	21.45	22.00
			135	138	21.64	21.59	21.33	20.97	22.00	20.52	20.19	21.00
			270	0	21.69	21.55	21.43	21.13	22.00	20.72	20.41	21.00
		DFT-s-OFDM QPSK	1	1	21.55	21.35	21.17	21.23	23.00	20.85	20.45	22.00
			1	137	**22.27**	22.25	22.20	21.85	23.00	21.44	21.11	22.00
			1	271	21.25	21.11	21.21	21.32	23.00	21.22	21.00	22.00
			135	0	21.15	21.08	21.00	20.85	22.00	20.41	20.07	21.00
			135	69	22.57	22.44	22.40	21.95	23.00	21.52	21.25	22.00
			135	138	21.05	21.05	20.67	20.35	22.00	19.95	19.56	21.00
			270	0	21.09	21.00	20.84	20.56	22.00	20.17	19.79	21.00
		DFT-s-OFDM 16QAM	135	69	21.37	21.30	21.15	20.79	22.00	20.42	20.08	21.00
		DFT-s-OFDM 64QAM	135	69	20.02	19.94	19.61	19.43	20.50	19.07	18.77	19.50
		DFT-s-OFDM 256QAM	135	69	18.01	17.95	17.83	17.42	18.50	17.05	16.78	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Tune up	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.60	22.49	22.48	22.14	23.00	21.68	21.40	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Tune up	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.54	22.43	22.39	22.05	23.00	21.60	21.30	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Tune up	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.46	22.35	22.34	21.99	23.00	21.50	21.20	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.37	22.24	22.25	21.90	23.00	21.42	21.11	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.43	22.35	22.31	21.95	23.00	21.47	21.19	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.49	22.40	22.40	22.00	23.00	21.52	21.26	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.38	22.33	22.35	21.95	23.00	21.47	21.21	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up

10MHz	30kHz	DFT-s-OFDM QPSK	135	69	22.32	22.23	22.24	21.89	23.00	21.37	21.10	22.00

n77 Receiver on					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	22.20	22.00	21.95	21.77	23.00	21.23	20.81	22.00
			1	66	22.65	22.47	22.51	22.06	23.00	21.65	21.20	22.00
			1	132	21.44	21.41	21.13	21.23	23.00	20.23	20.19	22.00
			64	0	21.87	21.62	21.60	21.20	22.00	20.80	20.33	21.00
			64	32	22.37	22.19	22.14	21.70	23.00	21.26	20.75	22.00
			64	69	21.74	21.65	21.46	21.00	22.00	20.55	19.95	21.00
			128	0	21.93	21.79	21.73	21.27	22.00	20.90	20.35	21.00
		DFT-s-OFDM QPSK	1	1	22.12	21.91	21.87	21.65	23.00	21.16	20.69	22.00
			1	66	22.57	22.44	22.40	21.95	23.00	21.52	21.25	22.00
			1	132	21.12	21.08	21.03	21.01	23.00	20.08	20.03	22.00
			64	0	21.34	21.05	21.05	20.71	22.00	20.23	19.72	21.00
			64	32	22.32	22.12	22.09	21.60	23.00	21.15	20.60	22.00
			64	69	21.20	21.08	20.90	20.43	22.00	20.00	19.38	21.00
			128	0	21.36	21.20	21.11	20.69	22.00	20.25	19.68	21.00
		DFT-s-OFDM 16QAM	1	66	21.05	20.85	20.89	20.39	22.00	19.92	19.45	21.00
		DFT-s-OFDM 64QAM	1	66	19.68	19.48	19.40	19.00	20.50	18.53	18.00	19.50
		DFT-s-OFDM 256QAM	1	66	18.28	18.08	18.10	17.59	18.50	17.13	16.61	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	66	22.23	22.01	22.01	21.54	23.00	21.04	20.50	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	66	22.30	22.14	22.09	21.65	23.00	21.18	20.70	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	1	66	22.60	22.39	22.46	21.96	23.00	21.57	21.09	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	66	22.52	22.30	22.39	21.87	23.00	21.47	21.03	22.00

n77 Receiver off					Conducted Power(dBm)							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Tune up	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	19.64	19.51	19.45	19.08	20.50	19.10	18.64	19.50
			1	137	20.24	20.25	20.01	19.77	20.50	19.35	19.02	19.50
			1	271	19.51	19.26	18.82	18.95	20.50	18.17	18.01	19.50
			135	0	20.19	20.12	20.13	20.00	20.50	19.22	19.17	19.50
			135	69	20.35	20.35	20.03	19.87	20.50	19.42	19.17	19.50
			135	138	20.18	19.87	19.73	19.44	20.50	19.08	18.73	19.50
			270	0	20.19	20.11	19.95	19.69	20.50	19.28	18.95	19.50
		DFT-s-OFDM QPSK	1	1	19.55	19.44	19.41	19.03	20.50	19.07	18.55	19.50
			1	137	**20.22**	20.15	19.97	19.68	20.50	19.29	18.97	19.50
			1	271	19.45	19.24	18.73	18.95	20.50	18.14	17.74	19.50
			135	0	20.11	20.06	20.07	19.86	20.50	19.42	19.06	19.50
			135	69	20.25	20.24	19.91	19.76	20.50	19.33	19.05	19.50
			135	138	20.10	19.81	19.71	19.30	20.50	18.95	18.63	19.50
			270	0	20.05	20.03	19.90	19.59	20.50	19.23	18.83	19.50
		DFT-s-OFDM 16QAM	135	69	20.28	20.25	19.89	19.76	20.50	19.31	19.10	19.50
		DFT-s-OFDM 64QAM	135	69	20.02	19.94	19.61	19.43	20.50	19.07	18.77	19.50
		DFT-s-OFDM 256QAM	135	69	18.01	17.95	17.83	17.42	18.50	17.05	16.78	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Tune up	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	135	69	20.12	19.76	19.62	19.39	20.50	19.03	18.65	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Tune up	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	135	69	20.04	20.08	19.91	19.59	20.50	19.19	18.86	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Tune up	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	135	69	20.01	19.76	19.63	19.22	20.50	18.88	18.54	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	135	69	20.18	20.14	19.81	19.68	20.50	19.23	18.99	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	135	69	20.11	20.05	19.70	19.58	20.50	19.17	18.93	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-	135	69	20.06	19.98	19.59	19.47	20.50	19.08	18.86	19.50

		OFDM QPSK										
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	135	69	20.14	20.05	19.66	19.53	20.50	19.15	18.93	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Tune up	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	135	69	20.25	20.13	19.77	19.58	20.50	19.23	19.03	19.50

n77 Receiver off					**Conducted Power(dBm)**							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Tune up	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	20.19	19.93	20.02	19.73	20.50	19.13	18.73	19.50
			1	66	20.30	20.20	20.16	19.67	20.50	19.18	18.75	19.50
			1	132	19.95	20.01	19.67	19.05	20.50	18.68	18.30	19.50
			64	0	20.33	20.17	20.19	19.72	20.50	19.14	18.81	19.50
			64	32	20.33	20.25	20.27	19.67	20.50	19.15	18.78	19.50
			64	69	20.23	20.20	20.06	19.46	20.50	19.00	18.55	19.50
			128	0	20.34	20.32	20.28	19.72	20.50	19.25	18.85	19.50
		DFT-s-OFDM QPSK	1	1	20.08	19.90	19.98	19.65	20.50	19.05	18.67	19.50
			1	66	20.23	20.14	20.07	19.55	20.50	19.07	18.57	19.50
			1	132	19.91	19.95	19.65	19.02	20.50	18.63	18.21	19.50
			64	0	20.27	20.12	20.20	19.72	20.50	19.20	18.73	19.50
			64	32	20.30	20.22	20.24	19.65	20.50	19.17	18.76	19.50
			64	69	20.19	20.18	20.02	19.43	20.50	19.00	18.53	19.50
			128	0	20.27	20.19	20.15	19.61	20.50	19.13	18.69	19.50
		DFT-s-OFDM 16QAM	64	32	20.23	20.14	20.12	19.56	20.50	19.13	18.73	19.50
		DFT-s-OFDM 64QAM	64	32	20.25	20.21	20.14	19.61	20.50	19.10	18.70	19.50
		DFT-s-OFDM 256QAM	64	32	18.19	18.14	18.06	17.54	18.50	17.03	16.67	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Tune up	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	64	32	20.21	20.12	20.17	19.60	20.50	19.09	18.70	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Tune up	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	64	32	20.18	20.01	20.11	19.62	20.50	19.15	18.63	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Tune up	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	64	32	20.14	20.04	20.06	19.50	20.50	19.02	18.67	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up	Channel	Channel	Tune up

					647000	650600	654200	657800		661400	665000	
10MHz	30kHz	DFT-s-OFDM QPSK	64	32	20.20	20.11	20.04	19.54	20.50	18.99	18.59	19.50

Table 13：Conducted Power of NR

3 Conducted Power of Uplink CA and Downlink CA

3.1.1 Uplink LTE CA Conducted Power of Ant0

Combination	Modulation	PCC						SCC					Receiver on		Receiver off/ Hotspot off		Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	23.48	25.00	21.64	23.00	18.68	20.00
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	23.33	25.00	21.50	23.00	18.66	20.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	23.41	25.00	21.57	23.00	18.65	20.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	23.34	25.00	21.48	23.00	18.59	20.00

Combination	Modulation	PCC						SCC					Hotspot off		Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	23.47	25.00	21.44	23.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	23.34	25.00	21.45	23.00
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	23.36	25.00	21.51	23.00
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	23.33	25.00	21.53	23.00

Table 14： Conducted Power of UL CA

3.1.2 Uplink LTE CA Conducted Power of Ant1

Combination	Modulation	PCC						SCC					Full power		Body worn(DSI 7)		Receiver on/Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	22.56	23.80	17.64	18.80	16.49	17.80
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	22.51	23.80	17.59	18.80	16.21	17.80
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	22.44	23.80	17.66	18.80	16.16	17.80
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	22.55	23.80	17.61	18.80	16.14	17.80

Combination	Modulation	PCC						SCC					Full power		Receiver off/Hotspot off		Receiver on/Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	22.57	24.20	20.64	22.20	18.63	20.20
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	22.51	24.20	20.49	22.20	18,62	20.20
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	22.39	24.20	20.60	22.20	18.59	20.20
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	22.44	24.20	20.58	22.20	18.50	20.20

Table 15： Conducted Power of UL CA

3.1.3 Downlink LTE CA Conducted Power of Ant0

Sensor off																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	23.51	23.66	25.00
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	23.42	23.66	25.00
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	23.51	23.62	25.00
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	23.01	23.08	24.00
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.52	23.62	25.00
Sensor on																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	23.06	23.15	24.50
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	23.03	23.15	24.50
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	23.51	23.62	25.00
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	19.29	19.40	20.50
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.52	23.62	25.00
Hotspot on																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	19.66	19.71	20.50
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	19.61	19.71	20.50
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	23.51	23.62	25.00
CA_38C	Band 38	20M	QPSK	2580	37850	1	50	Band 38	20M	2599.8	38048	/	/	/	/	21.47	21.58	23.00
CA_41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	/	/	/	/	20.11	20.36	21.50
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	19.29	19.40	20.50
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.52	23.62	25.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	23.53	23.62	25.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	19.11	19.17	20.00
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	23.51	23.62	25.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	19.06	19.17	20.00
Hotspot off																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	23.51	23.66	25.00
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	23.53	23.66	25.00
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	23.51	23.62	25.00
CA_38C	Band 38	20M	QPSK	2580	37850	1	50	Band 38	20M	2599.8	38048	/	/	/	/	23.46	23.55	25.00
CA_41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	/	/	/	/	22.41	22.50	24.00
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	23.01	23.08	24.00
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.52	23.62	25.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	23.54	23.62	25.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	21.83	21.91	23.00
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	23.51	23.62	25.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	21.84	21.91	23.00

Receiver on																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	23.79	23.83	25.00
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.52	23.62	25.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	23.54	23.62	25.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	23.43	23.53	25.00
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	23.50	23.62	25.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	23.46	23.53	25.00
Receiver off																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	23.01	23.08	24.00
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.52	23.62	25.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	23.54	23.62	25.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	21.83	21.91	23.00
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	23.48	23.62	25.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	21.86	21.91	23.00

Table 16： Conducted Power of DL CA

3.1.4 Downlink LTE CA Conducted Power of Ant1

Hotspot on																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	18.40	18.47	19.40
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	18.36	18.47	19.40
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	23.41	23.48	25.00
CA_38C	Band 38	20M	QPSK	2580	37850	1	50	Band 38	20M	2599.8	38048	/	/	/	/	18.70	18.76	20.20
CA_41A-41A	Band 41	20M	QPSK	2506	39750	1	99	Band 41	20M	2680	41490	/	/	/	/	19.00	19.01	19.50
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	16.33	16.44	17.60
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.34	23.48	25.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	23.33	23.48	25.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	16.55	16.58	17.80
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	23.42	23.48	25.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	16.51	16.58	17.80
Hotspot off																			
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	20.01	20.08	20.90
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	20.00	20.08	20.90
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	23.41	23.48	25.00
CA_38C	Band 38	20M	QPSK	2580	37850	1	50	Band 38	20M	2599.8	38048	/	/	/	/	20.70	20.78	22.20
CA_41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	/	/	/	/	21.66	21.70	22.50
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	18.72	18.85	19.60

CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.35	23.48	25.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	23.40	23.48	25.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	18.12	18.20	18.80
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	23.44	23.48	25.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	99	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	18.14	18.20	18.80
Receiver on																		
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	15.34	15.36	16.90
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	15.31	15.36	16.90
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	20.37	20.48	22.00
CA_38C	Band 38	20M	QPSK	2580	37850	1	50	Band 38	20M	2599.8	38048	/	/	/	/	18.70	18.76	20.20
CA_41A-41A	Band 41	20M	QPSK	2506	39750	1	99	Band 41	20M	2680	41490	/	/	/	/	19.00	19.01	19.50
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	16.32	16.44	17.60
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	20.37	20.48	22.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	20.41	20.48	22.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	16.55	16.58	17.80
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	20.39	20.48	22.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	16.51	16.58	17.80
Receiver off																		
DL LTE CA Class	PCC							SCC1				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	50	Band 2	20M	1959.8	898	/	/	/	/	20.00	20.08	20.90
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	50	Band 5	10M	881.5	2525	/	/	/	/	20.02	20.08	20.90
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	/	/	/	/	23.41	23.48	25.00
CA_38C	Band 38	20M	QPSK	2580	37850	1	50	Band 38	20M	2599.8	38048	/	/	/	/	20.70	20.78	22.20
CA_41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	/	/	/	/	21.66	21.70	22.50
CA_4A-5A	Band 4	20M	QPSK	1720	20050	1	50	Band 5	10M	881.5	2525	/	/	/	/	18.70	18.85	19.60
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.40	23.48	25.00
CA_5A-7C	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2649.8	3048	23.39	23.48	25.00
CA_5A-7C	Band 7	20M	QPSK	2510	20850	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	18.11	18.20	18.80
CA_5A-7A-7A	Band 5	10M	QPSK	844	20600	1	25	Band 7	20M	2630	2850	Band 7	20M	2680	3350	23.38	23.48	25.00
CA_5A-7A-7A	Band 7	20M	QPSK	2510	20850	1	99	Band 7	20M	2680	3350	Band 5	10M	881.5	2525	18.09	18.20	18.80

Table 17：Conducted Power of DL CA

4 Conducted Power of WiFi and BT

4.1.1 Conducted Power of WiFi

WiFi 2.4G Receiver off						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	20.00	18.75	No
	6	2437		20.00	**19.03**	Yes
	11	2462		20.00	18.77	No
802.11g	1	2412	6	16.00	14.94	No
	6	2437		16.00	15.12	No
	11	2462		16.00	14.89	No
802.11n HT20 SISO	1	2412	MCS0	14.00	12.79	No
	6	2437		14.00	13.03	No
	11	2462		14.00	12.82	No
802.11n HT40 SISO	3	2422	MCS0	12.00	11.09	No
	6	2437		12.00	11.18	No
	9	2452		12.00	11.12	No

WiFi 2.4G Receiver on						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	18.00	16.96	No
	6	2437		18.00	**17.12**	Yes
	11	2462		18.00	16.87	No
802.11g	1	2412	6	16.00	14.94	No
	6	2437		16.00	15.12	No
	11	2462		16.00	14.89	No
802.11n HT20 SISO	1	2412	MCS0	14.00	12.79	No
	6	2437		14.00	13.03	No
	11	2462		14.00	12.82	No
802.11n HT40 SISO	3	2422	MCS0	12.00	11.09	No
	6	2437		12.00	11.18	No
	9	2452		12.00	11.12	No

WiFi 5G Receiver off/Hotspot off						
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	18.00	17.63	No
		40	5200	18.00	17.60	No
		44	5220	18.00	17.79	No
		48	5240	18.00	**17.83**	Yes
	U-NII-2A	52	5260	16.80	**16.77**	Yes
		56	5280	16.80	16.75	No
		60	5300	16.80	16.71	No
		64	5320	16.80	16.75	No
	U-NII-2C	100	5500	14.00	13.39	No
		104	5520	14.00	13.34	No
		108	5540	14.00	13.36	No
		112	5560	14.00	13.40	No
		116	5580	14.00	13.43	No
		120	5600	14.00	13.60	No
		124	5620	14.00	13.52	No
		128	5640	14.00	13.61	No
		132	5660	14.00	13.61	No
		136	5680	14.00	13.58	No
		140	5700	14.00	13.62	No
	U-NII-3	149	5745	19.00	18.29	No
		153	5765	19.00	18.29	No
		157	5785	19.00	**18.35**	Yes
		161	5805	19.00	18.30	No
		165	5825	19.00	18.30	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	17.00	16.48	No
		40	5200	17.00	16.50	No
		44	5220	17.00	16.57	No
		48	5240	17.00	16.61	No
	U-NII-2A	52	5260	16.80	16.55	No
		56	5280	16.80	16.61	No
		60	5300	16.80	16.69	No
		64	5320	16.80	16.55	No
	U-NII-2C	100	5500	14.00	13.25	No
		104	5520	14.00	13.22	No
		108	5540	14.00	13.27	No
		112	5560	14.00	13.31	No
		116	5580	14.00	13.35	No
		120	5600	14.00	13.44	No
		124	5620	14.00	13.45	No
		128	5640	14.00	13.42	No
		132	5660	14.00	13.46	No
		136	5680	14.00	13.48	No
		140	5700	14.00	13.55	No
	U-NII-3	149	5745	19.00	18.18	No
		153	5765	19.00	18.13	No

		157	5785	19.00	18.18	No
		161	5805	19.00	17.70	No
		165	5825	19.00	18.19	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	16.00	15.46	No
		46	5230	16.00	15.50	No
	U-NII-2A	54	5270	15.00	14.68	No
		62	5310	15.00	14.72	No
	U-NII-2C	102	5510	15.00	14.37	No
		110	5550	15.00	14.41	No
		118	5590	15.00	14.50	No
		126	5630	15.00	14.45	No
		134	5670	15.00	**14.58**	Yes
	U-NII-3	151	5755	17.00	16.13	No
		159	5795	17.00	16.11	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	17.00	16.51	No
		40	5200	17.00	16.48	No
		44	5220	17.00	16.53	No
		48	5240	17.00	16.63	No
	U-NII-2A	52	5260	16.80	16.59	No
		56	5280	16.80	16.76	No
		60	5300	16.80	16.31	No
		64	5320	16.80	16.59	No
	U-NII-2C	100	5500	14.00	13.24	No
		104	5520	14.00	13.24	No
		108	5540	14.00	13.32	No
		112	5560	14.00	13.30	No
		116	5580	14.00	13.37	No
		120	5600	14.00	13.47	No
		124	5620	14.00	13.46	No
		128	5640	14.00	13.50	No
		132	5660	14.00	13.45	No
		136	5680	14.00	13.00	No
		140	5700	14.00	13.51	No
	U-NII-3	149	5745	18.00	16.66	No
		153	5765	18.00	16.72	No
		157	5785	18.00	17.26	No
		161	5805	18.00	17.20	No
		165	5825	18.00	16.75	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	16.00	15.50	No
		46	5230	16.00	15.48	No
	U-NII-2A	54	5270	15.00	14.59	No
		62	5310	15.00	14.70	No
	U-NII-2C	102	5510	15.00	14.39	No
		110	5550	15.00	14.41	No

		118	5590	15.00	14.54	No
		126	5630	15.00	14.54	No
		134	5670	15.00	14.59	No
	U-NII-3	151	5755	17.00	16.17	No
		159	5795	17.00	16.20	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	15.00	14.15	No
	U-NII-2A	58	5290	15.00	14.31	No
	U-NII-2C	106	5530	14.00	12.94	No
		122	5610	14.00	13.10	No
	U-NII-3	155	5775	15.00	14.31	No

WiFi 5G Receiver on						
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	17.00	**16.87**	Yes
		40	5200	17.00	16.67	No
		44	5220	17.00	**16.86**	Yes
		48	5240	17.00	**16.91**	Yes
	U-NII-2A	52	5260	16.80	16.77	No
		56	5280	16.80	16.75	No
		60	5300	16.80	16.71	No
		64	5320	16.80	16.75	No
	U-NII-2C	100	5500	14.00	13.39	No
		104	5520	14.00	13.34	No
		108	5540	14.00	13.36	No
		112	5560	14.00	13.40	No
		116	5580	14.00	13.43	No
		120	5600	14.00	13.60	No
		124	5620	14.00	13.52	No
		128	5640	14.00	13.61	No
		132	5660	14.00	13.61	No
		136	5680	14.00	13.58	No
		140	5700	14.00	13.62	No
	U-NII-3	149	5745	19.00	18.29	No
		153	5765	19.00	18.29	No
		157	5785	19.00	**18.56**	Yes
		161	5805	19.00	18.30	No
		165	5825	19.00	18.30	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	17.00	16.48	No
		40	5200	17.00	16.50	No
		44	5220	17.00	16.57	No
		48	5240	17.00	16.61	No
	U-NII-2A	52	5260	16.80	16.55	No
		56	5280	16.80	16.61	No
		60	5300	16.80	16.69	No

		64	5320	16.80	16.55	No
	U-NII-2C	100	5500	14.00	13.25	No
		104	5520	14.00	13.22	No
		108	5540	14.00	13.27	No
		112	5560	14.00	13.31	No
		116	5580	14.00	13.35	No
		120	5600	14.00	13.44	No
		124	5620	14.00	13.45	No
		128	5640	14.00	13.42	No
		132	5660	14.00	13.46	No
		136	5680	14.00	13.48	No
		140	5700	14.00	13.55	No
	U-NII-3	149	5745	19.00	18.18	No
		153	5765	19.00	18.13	No
		157	5785	19.00	18.18	No
		161	5805	19.00	17.70	No
		165	5825	19.00	18.19	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	16.00	15.46	No
		46	5230	15.00	15.58	No
	U-NII-2A	54	5270	15.00	14.68	No
		62	5310	15.00	14.72	No
	U-NII-2C	102	5510	15.00	14.37	No
		110	5550	15.00	14.41	No
		118	5590	15.00	14.50	No
		126	5630	15.00	14.45	No
		134	5670	15.00	**14.58**	Yes
	U-NII-3	151	5755	17.00	16.13	No
		159	5795	17.00	16.11	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	17.00	16.51	No
		40	5200	17.00	16.48	No
		44	5220	17.00	16.53	No
		48	5240	17.00	16.63	No
	U-NII-2A	52	5260	16.80	16.59	No
		56	5280	16.80	16.76	No
		60	5300	16.80	16.31	No
		64	5320	16.80	16.59	No
	U-NII-2C	100	5500	14.00	13.24	No
		104	5520	14.00	13.24	No
		108	5540	14.00	13.32	No
		112	5560	14.00	13.30	No
		116	5580	14.00	13.37	No
		120	5600	14.00	13.47	No
		124	5620	14.00	13.46	No
		128	5640	14.00	13.50	No
		132	5660	14.00	13.45	No
		136	5680	14.00	13.00	No

		140	5700	14.00	13.51	No
	U-NII-3	149	5745	18.00	16.66	No
		153	5765	18.00	16.72	No
		157	5785	18.00	17.26	No
		161	5805	18.00	17.20	No
		165	5825	18.00	16.75	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	16.00	15.50	No
		46	5230	16.00	15.48	No
	U-NII-2A	54	5270	15.00	14.59	No
		62	5310	15.00	14.70	No
	U-NII-2C	102	5510	15.00	14.39	No
		110	5550	15.00	14.41	No
		118	5590	15.00	14.54	No
		126	5630	15.00	14.54	No
		134	5670	15.00	14.59	No
	U-NII-3	151	5755	17.00	16.17	No
		159	5795	17.00	16.20	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	15.00	14.15	No
	U-NII-2A	58	5290	15.00	14.31	No
	U-NII-2C	106	5530	14.00	12.94	No
		122	5610	14.00	13.10	No
	U-NII-3	155	5775	15.00	14.31	No

WiFi 5G Hotspot on						
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	17.00	**16.87**	Yes
		40	5200	17.00	16.67	No
		44	5220	17.00	**16.86**	Yes
		48	5240	17.00	**16.91**	Yes
	U-NII-3	149	5745	19.00	18.29	No
		153	5765	19.00	18.29	No
		157	5785	19.00	**18.56**	Yes
		161	5805	19.00	18.30	No
		165	5825	19.00	18.30	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	16.00	15.54	No
		40	5200	16.00	15.55	No
		44	5220	16.00	15.62	No
		48	5240	16.00	15.69	No
	U-NII-3	149	5745	19.00	18.18	No
		153	5765	19.00	18.13	No
		157	5785	19.00	18.18	No
		161	5805	19.00	17.70	No

		165	5825	19.00	18.19	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	16.00	15.46	No
		46	5230	15.00	15.58	No
	U-NII-3	151	5755	17.00	16.13	No
		159	5795	17.00	16.11	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	16.00	15.57	No
		40	5200	16.00	15.57	No
		44	5220	16.00	15.62	No
		48	5240	16.00	15.73	No
	U-NII-3	149	5745	18.00	16.66	No
		153	5765	18.00	16.72	No
		157	5785	18.00	17.26	No
		161	5805	18.00	17.20	No
		165	5825	18.00	16.75	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	16.00	15.50	No
		46	5230	16.00	15.48	No
	U-NII-3	151	5755	17.00	16.17	No
		159	5795	17.00	16.20	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	15.00	14.15	No
	U-NII-3	155	5775	15.00	14.31	No

WiFi 5G Receiver on+WWAN						
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	16.50	16.17	No
		40	5200	16.50	16.15	No
		44	5220	16.50	16.31	No
		48	5240	16.50	**16.49**	Yes
	U-NII-2A	52	5260	16.30	16.27	No
		56	5280	16.30	16.25	No
		60	5300	16.30	16.21	No
		64	5320	16.30	16.25	No
	U-NII-2C	100	5500	14.00	13.39	No
		104	5520	14.00	13.34	No
		108	5540	14.00	13.36	No
		112	5560	14.00	13.40	No
		116	5580	14.00	13.43	No
		120	5600	14.00	13.60	No
		124	5620	14.00	13.52	No
		128	5640	14.00	13.61	No
		132	5660	14.00	13.61	No

		136	5680	14.00	13.58	No
		140	5700	14.00	13.62	No
	U-NII-3	149	5745	18.00	17.36	No
		153	5765	18.00	17.38	No
		157	5785	18.00	**17.45**	Yes
		161	5805	18.00	17.35	No
		165	5825	18.00	17.35	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	15.50	15.02	No
		40	5200	15.50	14.95	No
		44	5220	15.50	14.99	No
		48	5240	15.50	15.16	No
	U-NII-2A	52	5260	16.30	16.05	No
		56	5280	16.30	16.21	No
		60	5300	16.30	16.01	No
		64	5320	16.30	16.02	No
	U-NII-2C	100	5500	14.00	13.25	No
		104	5520	14.00	13.22	No
		108	5540	14.00	13.27	No
		112	5560	14.00	13.31	No
		116	5580	14.00	13.35	No
		120	5600	14.00	13.44	No
		124	5620	14.00	13.45	No
		128	5640	14.00	13.42	No
		132	5660	14.00	13.46	No
		136	5680	14.00	13.48	No
		140	5700	14.00	13.55	No
	U-NII-3	149	5745	18.00	17.23	No
		153	5765	18.00	17.18	No
		157	5785	18.00	17.24	No
		161	5805	18.00	16.79	No
		165	5825	18.00	17.29	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	14.50	13.93	No
		46	5230	14.50	14.05	No
	U-NII-2A	54	5270	15.00	14.68	No
		62	5310	15.00	14.72	No
	U-NII-2C	102	5510	15.00	14.37	No
		110	5550	15.00	14.41	No
		118	5590	15.00	14.50	No
		126	5630	15.00	14.45	No
		134	5670	15.00	**14.58**	Yes
	U-NII-3	151	5755	17.00	16.13	No
		159	5795	17.00	16.11	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	15.50	14.99	No
		40	5200	15.50	15.04	No

		44	5220	15.50	15.06	No
		48	5240	15.50	15.16	No
	U-NII-2A	52	5260	16.30	16.00	No
		56	5280	16.30	16.02	No
		60	5300	16.30	16.11	No
		64	5320	16.30	16.02	No
	U-NII-2C	100	5500	14.00	13.24	No
		104	5520	14.00	13.24	No
		108	5540	14.00	13.32	No
		112	5560	14.00	13.30	No
		116	5580	14.00	13.37	No
		120	5600	14.00	13.47	No
		124	5620	14.00	13.46	No
		128	5640	14.00	13.50	No
		132	5660	14.00	13.45	No
		136	5680	14.00	13.00	No
		140	5700	14.00	13.51	No
	U-NII-3	149	5745	18.00	16.66	No
		153	5765	18.00	16.72	No
		157	5785	18.00	17.26	No
		161	5805	18.00	17.20	No
		165	5825	18.00	16.75	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	14.50	14.01	No
		46	5230	14.50	13.98	No
	U-NII-2A	54	5270	15.00	14.59	No
		62	5310	15.00	14.70	No
	U-NII-2C	102	5510	15.00	14.39	No
		110	5550	15.00	14.41	No
		118	5590	15.00	14.54	No
		126	5630	15.00	14.54	No
		134	5670	15.00	14.59	No
	U-NII-3	151	5755	17.00	16.17	No
		159	5795	17.00	16.20	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	13.50	12.64	No
	U-NII-2A	58	5290	15.00	14.31	No
	U-NII-2C	106	5530	14.00	12.94	No
		122	5610	14.00	13.10	No
	U-NII-3	155	5775	15.00	14.31	No

WiFi 5G Hotspot on+WWAN						
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	15.00	14.75	No
		40	5200	15.00	14.72	No
		44	5220	15.00	**14.88**	Yes

		48	5240	15.00	14.87	No
	U-NII-3	149	5745	19.00	18.29	No
		153	5765	19.00	18.29	No
		157	5785	19.00	18.35	No
		161	5805	19.00	18.30	No
		165	5825	19.00	18.30	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	14.00	13.61	No
		40	5200	14.00	13.56	No
		44	5220	14.00	13.60	No
		48	5240	14.00	13.71	No
	U-NII-3	149	5745	19.00	18.18	No
		153	5765	19.00	18.13	No
		157	5785	19.00	18.18	No
		161	5805	19.00	17.70	No
		165	5825	19.00	18.19	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	14.00	13.50	No
		46	5230	14.00	13.64	No
	U-NII-3	151	5755	17.00	16.13	No
		159	5795	17.00	16.11	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	14.00	13.60	No
		40	5200	14.00	13.61	No
		44	5220	14.00	13.66	No
		48	5240	14.00	13.74	No
	U-NII-3	149	5745	18.00	16.66	No
		153	5765	18.00	16.72	No
		157	5785	18.00	17.26	No
		161	5805	18.00	17.20	No
		165	5825	18.00	16.75	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	14.00	13.60	No
		46	5230	14.00	13.55	No
	U-NII-3	151	5755	17.00	16.17	No
		159	5795	17.00	16.20	No
5GHz	mode	Channel	Frequency(MHz)	tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	14.00	13.24	No
	U-NII-3	155	5775	15.00	14.31	No

Table 18：Conducted Power of WiFi

4.1.2 Conducted Power of BT

Band	Channel	0	39	78	Tune up
BT	GFSK	9.18	**9.34**	9.02	11.00
	π/4DQPSK	6.32	6.22	6.02	8.00
	8DPSK	6.12	6.08	5.82	8.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	-2.03	-1.56	-2.11	2.00
Band	Channel	0	19	39	Tune up
BLE 2M	GFSK	-1.98	-1.45	-2.03	2.00

Table 19：Conducted Power of BT