

## Appendix Z. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.



# CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, Chi Fax: +86-10-62304633-2504 http://www.chinattl.cn





Client

**B.V.ADT** 

Certificate No:

Z21-60284

## **CALIBRATION CERTIFICATE**

Tel: +86-10-62304633-2079

E-mail: enl@chinattl.com

Object D2450V2 - SN: 737

Calibration Procedure(s)

FF-Z11-003-01

Calibration Procedures for dipole validation kits

Calibration date:

August 26, 2021

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	nary Standards   D # Cal Date (Calibrated by, Certificate No.)		Scheduled Calibration
Power Meter NRP2	106277	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Power sensor NRP8S	104291	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Reference Probe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE3	SN 536	06-Nov-20(CTTL-SPEAG,No.Z20-60452)	Nov-21
Secondary Standards	ID#	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzer E5071C MY46110673		14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	tits.
Reviewed by:	Lin Hao	SAR Test Engineer	种路
Approved by:	Qi Dianyuan	SAR Project Leader	50-6

Issued: August 31, 2021

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Glossary:

TSL tissue simulating liquid

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

### Calibration is Performed According to the Following Standards:

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

#### Additional Documentation:

e) DASY4/5 System Handbook

#### Methods Applied and Interpretation of Parameters:

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

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

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## s p e a g

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#### **Measurement Conditions**

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

## **Head TSL parameters**

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39 2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.0 ± 6 %	1.77 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C		

#### SAR result with Head TSL

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.0 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.6 W/kg ± 18.8 % (k=2)
SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	5.92 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.9 W/kg ± 18.7 % (k=2)

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### Appendix (Additional assessments outside the scope of CNAS L0570)

#### Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.0Ω+ 4.29jΩ
Return Loss	- 25.0dB

#### General Antenna Parameters and Design

Electrical Delay (one direction)	1.067 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

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

#### **Additional EUT Data**

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#### DASY5 Validation Report for Head TSL

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1 Medium parameters used: f = 2450 MHz;  $\sigma = 1.772 \text{ S/m}$ ;  $\varepsilon_r = 40.04$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

DASY5 Configuration:

 Probe: EX3DV4 - SN7517; ConvF(7.34, 7.34, 7.34) @ 2450 MHz; Calibrated: 2021-02-03

Date: 08.26.2021

• Sensor-Surface: 1.4mm|(Mechanical Surface Detection)

• Electronics: DAE3 Sn536; Calibrated: 2020-11-06

Phantom: MFP\_V5.1 C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062

 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Reference Value = 108.5 V/m; Power Drift = -0.01 dB

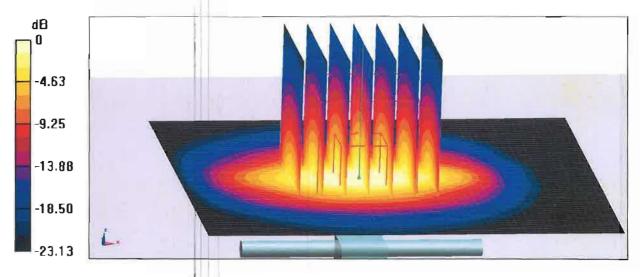
Peak SAR (extrapolated) = 27.8 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 5.92 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 22.3 W/kg



0 dB = 22.3 W/kg = 13.48 dBW/kg

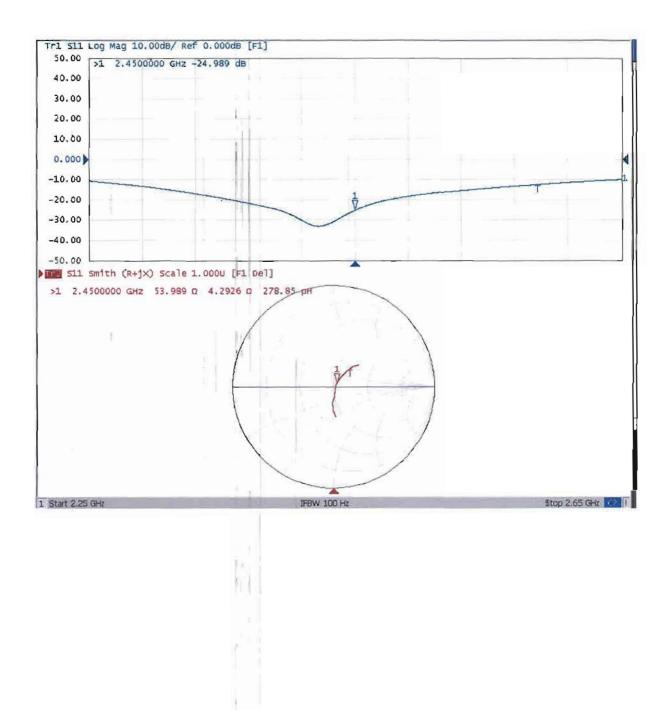
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#### Impedance Measurement Plot for Head TSL

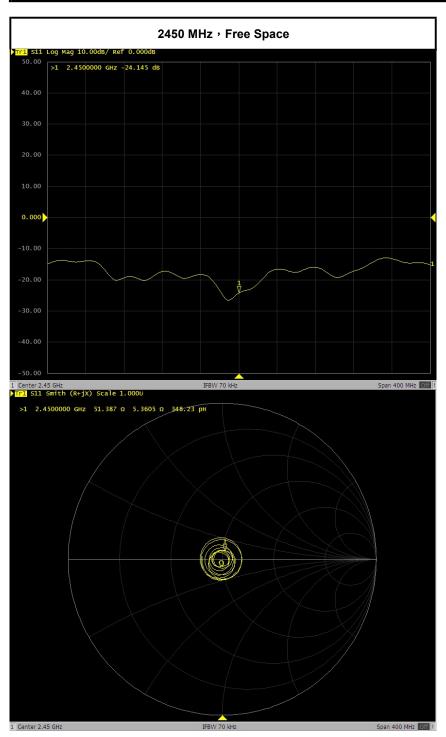


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## **Annual Confirmation of SAR Reference Dipole**

Model:	Model: D2450V2 S/N: 737		Measurement Date :		2022/8/25		
Frequency (MHz)	Туре	Item	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
		Real Impedance	53.989	51.387	-2.602	±5Ω	PASS
2450	Free Space	Imaginary Impedance	4.2926	5.3605	1.07	±5Ω	PASS
		Return Loss	-24.989	-24.145	-3.38%	±20%	PASS



### Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





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Accreditation No.: SCS 0108

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Client

**B.V. ADT (Auden)** 

Certificate No: D5GHzV2-1019 Mar21

## **CALIBRATION CERTIFICATE**

Object

D5GHzV2 - SN:1019

Calibration procedure(s)

**QA CAL-22.v6** 

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

March 19, 2021

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

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

Calibration Equipment used (M&TE critical for calibration)

I	i .		
Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: BH9394 (20k)	31-Mar-20 (No. 217-03106)	Apr-21
Type-N mismatch combination	SN: 310982 / 06327	31-Mar-20 (No. 217-03104)	Apr-21
Reference Probe EX3DV4	SN: 3503	30-Dec-20 (No. EX3-3503_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
	55		
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21
	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
			(41)
			46
Approved by:	Katja Pokovic	Technical Manager	1101
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Issued: March 19, 2021

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Report No.: SFBFLF-WTW-P22110086-1

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### **Calibration Laboratory of**

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





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Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

#### Glossary:

TSL

tissue simulating liquid

ConvF N/A sensitivity in TSL / NORM x,y,z not applicable or not measured

#### Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, "Measurement procedure for 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"

#### **Additional Documentation:**

e) DASY4/5 System Handbook

#### **Methods Applied and Interpretation of Parameters:**

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

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

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#### **Measurement Conditions**

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

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DASY Version	DASY5	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	pole Center - TSL 10 mm	
Zoom Scan Resolution	dx, dy = 4.0  mm, dz = 1.4  mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz	

## Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

7,000	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.7 ± 6 %	4.51 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	COLO.	

### SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.13 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.6 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.0 W/kg ± 19.5 % (k=2)

## Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.2 ± 6 %	4.86 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	:manas	- <del></del>

### SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	82.4 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.3 W/kg ± 19.5 % (k=2)

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# Head TSL parameters at 5750 MHz The following parameters and calculations were applied.

To following parameters and a second	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.0 ± 6 %	5.01 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	MATELY.	0.000

## SAR result with Head TSL at 5750 MHz

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.02 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.4 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.4 W/kg ± 19.5 % (k=2)

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### Appendix (Additional assessments outside the scope of SCS 0108)

#### Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	54.1 Ω - 6.4 jΩ
Return Loss	- 22.7 dB

#### Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	57.6 Ω - 2.5 jΩ
Return Loss	- 22.6 dB

#### Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	57.9 Ω + 3.1 jΩ
Return Loss	- 22.1 dB

#### **General Antenna Parameters and Design**

Electrical Delay (one direction)	1.203 ns

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

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

#### **Additional EUT Data**

Manufactured by	SPEAG

Certificate No: D5GHzV2-1019\_Mar21

### **DASY5 Validation Report for Head TSL**

Date: 19.03.2021

Test Laboratory: SPEAG, Zurich, Switzerland

### DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1019

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz

Medium parameters used: f = 5250 MHz;  $\sigma = 4.51$  S/m;  $\epsilon_r = 34.7$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used: f = 5600 MHz;  $\sigma = 4.86$  S/m;  $\epsilon_r = 34.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used: f = 5750 MHz;  $\sigma = 5.01$  S/m;  $\epsilon_r = 34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

#### DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.5, 5.5, 5.5) @ 5250 MHz, ConvF(5.1, 5.1, 5.1) @ 5600 MHz, ConvF(5.08, 5.08, 5.08) @ 5750 MHz; Calibrated: 30.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

## Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5250 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 79.20 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 27.6 W/kg

## SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.32 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.7%

Maximum value of SAR (measured) = 18.1 W/kg

## Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 77.00 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 31.0 W/kg

### SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.36 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 19.6 W/kg

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## Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.22 V/m; Power Drift = -0.08 dB

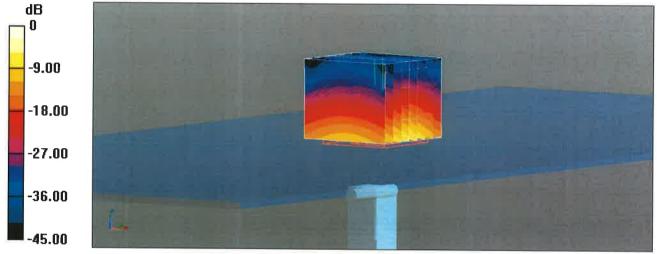
Peak SAR (extrapolated) = 31.6 W/kg

SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.27 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

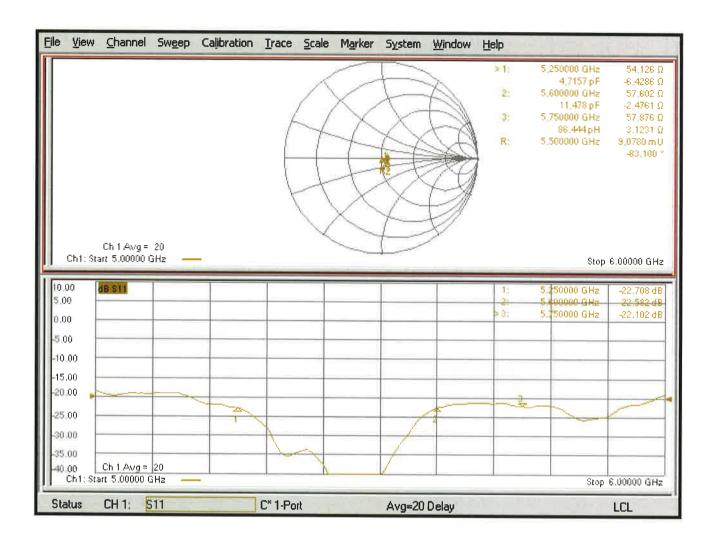
Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.6 W/kg = 12.92 dBW/kg

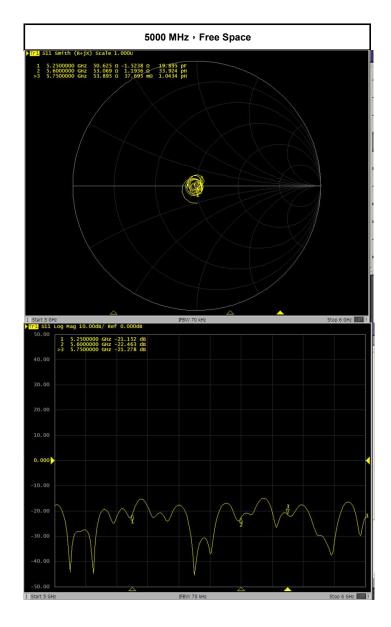
## Impedance Measurement Plot for Head TSL





## **Annual Confirmation of SAR Reference Dipole**

Model :	D5000V2		S/N:	1019	Measurement	Date :	2022/3/18
Frequency (MHz)	Туре	Item	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
		Real Impedance	54.126	50.625	-3.501	±5Ω	PASS
5250	Free Space	Imaginary Impedance	-6.4286	-1.5238	4.905	±5Ω	PASS
		Return Loss	-22.708	-21.152	-6.85%	±20%	PASS
Frequency (MHz)	Туре	Item	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
		Real Impedance	57.602	53.069	-4.533	±5Ω	PASS
5600	Free Space	Imaginary Impedance	-2.4761	1.1936	3.670	±5Ω	PASS
		Return Loss	-22.582	-22.463	-0.53%	±20%	PASS
Frequency (MHz)	Туре	Item	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
		Real Impedance	57.876	53.895	-3.981	±5Ω	PASS
5750	5750 Free Space	Imaginary Impedance	3.1231	0.0377	-3.085	±5Ω	PASS
		Return Loss	-22.102	-21.278	-3.73%	±20%	PASS



# Calibration Laboratory of Schmid & Partner

Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura

S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Client

**B.V. ADT (Auden)** 

Certificate No

EX-7472 May 22

#### **CALIBRATION CERTIFICATE**

Object EX3DV4 - SN:7472

Calibration procedure(s) QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v6, QA CAL-23.v5,

QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date May 27, 2022

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-21 (OCP-DAK3.5-1249_Oct21)	Oct-22
OCP DAK-12	SN: 1016	20-Oct-21 (OCP-DAK12-1016_Oct21)	Oct-22
Reference 20 dB Attenuator	SN: CC2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAE4	SN: 660	13-Oct-21 (No. DAE4-660_Oct21)	Oct-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013_Dec21)	Dec-22

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

Name Function Signature

Calibrated by Jeton Kastrati Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: June 9, 2022

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

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#### **Calibration Laboratory of**

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio sylzzero di taratura

S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

#### 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  $\varphi$   $\varphi$  rotation around probe axis

Polarization  $\vartheta$   $\vartheta$  rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e.,  $\vartheta = 0$  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) IEC/IEE 62209-1528, "Measurement Procedure for the Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-Held and Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation and Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.

b) 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 ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-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 with CW signal. 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; Dx,y,z; VRx,y,z: A, B, C, D 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 ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values 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 ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch
- 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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### Parameters of Probe: EX3DV4 - SN:7472

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc $(k=2)$
Norm $(\mu V/(V/m)^2)^A$	0.59	0.48	0.42	±10.1%
DCP (mV) B	99.0	98.5	99.0	±4.7%

### **Calibration Results for Modulation Response**

ŲID	Communication System Name		A dB	$dB\sqrt{\mu V}$	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> <i>k</i> = 2
0	CW	X	0.00	0.00	1.00	0.00	150.4	±2.2%	±4.7%
		Y	0.00	0.00	1.00		158.1		
		Z	0.00	0.00	1.00		165.6		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	90.37	19.99	10.00	60.0	±3.2%	±9.6%
		Y	1.76	62.35	7.95		60.0		
		Z	2.74	66.86	10.59		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	92.20	19.79	6.99	80.0	±2.3%	±9.6%
		Y	0.89	60.42	6.08		80.0		
		Z	1.63	65.82	9.12		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	97.79	21.10	3.98	95.0	±1.3%	±9.6%
		Y	0.46	60.00	5.04	1	95.0		
		Z	0.52	61.90	6.23		95.0		
10355	Pulse Waveform (200Hz, 60%)	Х	20.00	108.77	24.65	2.22	120.0	±1.5%	±9.6%
		Y	0.27	60.00	4.49		120.0		
		Z	0.23	60.00	4.03		120.0		
10387	QPSK Waveform, 1 MHz	X	1.93	69.27	16.90	1.00	150.0	±3.1%	±9.6%
		Y	1.81	69.42	16.50		150.0		
		Z	1.40	65.57	13.96		150.0		
10388	QPSK Waveform, 10 MHz	X	2.65	71.43	17.68	0.00	150.0	±1.5%	±9.6%
		Y	2.28	69.40	16.78		150.0		
		Z	1.90	66.42	14.86		150.0		
10396	64-QAM Waveform, 100 kHz	X	3.13	72.18	20.25	3.01	150.0	±1.5%	±9.6%
		Y	2.17	67.04	17.92		150.0		
		Z	2.05	65.80	16.74		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.72	68.35	16.69	0.00	150.0	±2.2%	±9.6%
		Y	3.50	67.46	16.19	]	150.0		
		Z		66.28	15.31		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X		66.29	16.14	0.00	150.0	±4.0%	±9.6%
		Y	4.74	65.75	15.78		150.0		
		Z	4.56	65.18	15.29		150.0		

Note: For details on UID parameters see Appendix

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%.

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A The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

B Linearization parameter uncertainty for maximum specified field strength.

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

## Parameters of Probe: EX3DV4 - SN:7472

#### **Sensor Model Parameters**

	C1 fF	C2 fF	α V <sup>-1</sup>	T1 msV <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	Т6
х	47.3	364.27	37.77	13.07	0.06	5.10	0.24	0.44	1.01
у	35.2	265.91	36.48	6.88	0.00	4.96	0.00	0.23	1.01
z	33.7	254.45	36.26	3.82	0.00	5.03	0.00	0.25	1.01

### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle	-96.4°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3–4 mm for an Area Scan job.

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## Parameters of Probe: EX3DV4 - SN:7472

#### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
750	41.9	0.89	10.50	10.50	10.50	0.52	0.80	±12.0%
835	41.5	0.90	10.10	10.10	10.10	0.49	0.80	±12.0%
1450	40.5	1.20	8.93	8.93	8.93	0.43	0.80	±12.0%
1750	40.1	1.37	8.80	8.80	8.80	0.42	0.86	±12.0%
1900	40.0	1.40	8.44	8.44	8.44	0.34	0.86	±12.0%
2000	40.0	1.40	8.33	8.33	8.33	0.30	0.86	±12.0%
2300	39.5	1.67	8.14	8.14	8.14	0.31	0.90	±12.0%
2450	39.2	1.80	7.89	7.89	7.89	0.30	0.90	±12.0%
2600	39.0	1.96	7.59	7.59	7.59	0.38	0.90	±12.0%
3300	38.2	2.71	7.29	7.29	7.29	0.35	1.35	±13.1%
3500	37.9	2.91	7.22	7.22	7.22	0.35	1.35	±13.1%
3700	37.7	3.12	7.20	7.20	7.20	0.40	1.35	±13.1%
3900	37.5	3.32	6.98	6.98	6.98	0.40	1.60	±13.1%
4100	37.2	3.53	6.60	6.60	6.60	0.40	1.60	±13.1%
4200	37.1	3.63	6.55	6.55	6.55	0.40	1.60	±13.1%
4400	36.9	3.84	6.40	6.40	6.40	0.40	1.70	±13.1%
4600	36.7	4.04	6.38	6.38	6.38	0.40	1.70	±13.1%
4800	36.4	4.25	6.35	6.35	6.35	0.40	1.80	±13.1%
4950	36.3	4.40	6.01	6.01	6.01	0.40	1.80	±13.1%
5250	35.9	4.71	5.89	5.89	5.89	0.40	1.80	±13.1%
5600	35.5	5.07	5.04	5.04	5.04	0.40	1.80	±13.1%
5750	35.4	5.22	5.28	5.28	5.28	0.40	1.80	±13.1%

C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the 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. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

F At frequencies 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

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F At frequencies below 3 GHz, the validity of tissue parameters ( $\varepsilon$  and  $\sigma$ ) can be relaxed to  $\pm 10\%$  if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\varepsilon$  and  $\sigma$ ) is restricted to  $\pm 5\%$ . 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 frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

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#### Parameters of Probe: EX3DV4 - SN:7472

#### **Calibration Parameter Determined in Head Tissue Simulating Media**

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
6500	34.5	6.07	5.60	5.60	5.60	0.20	2.50	±18.6%

<sup>&</sup>lt;sup>C</sup> Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration

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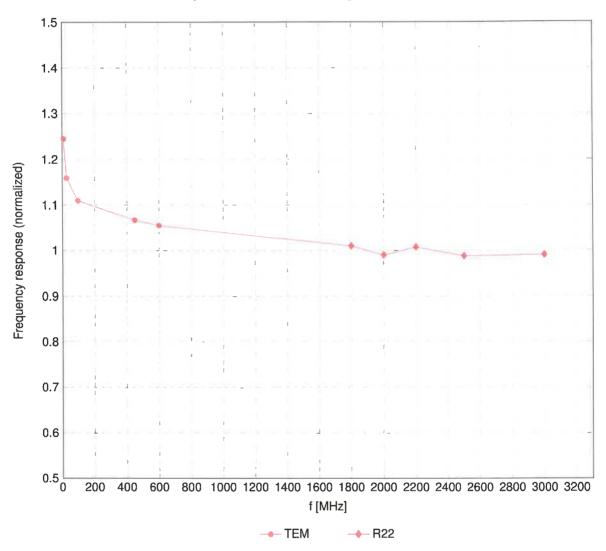
frequency and the uncertainty for the indicated frequency band.

F At frequencies 6–10 GHz, the validity of tissue parameters ( $\varepsilon$  and  $\sigma$ ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

<sup>&</sup>lt;sup>G</sup> 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; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

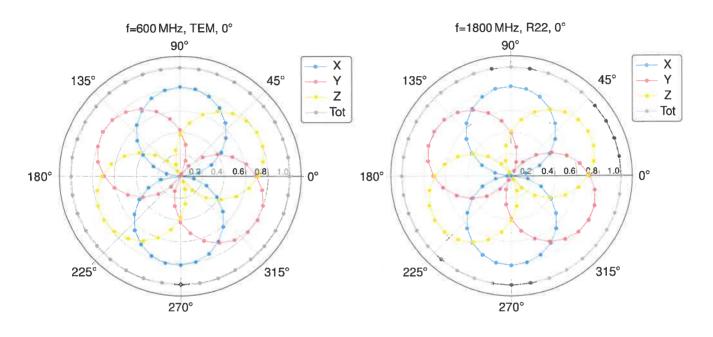
## Frequency Response of E-Field

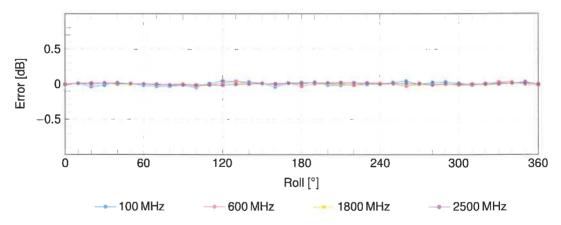
(TEM-Cell:ifi110 EXX, Waveguide:R22)



Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

## Receiving Pattern ( $\phi$ ), $\theta = 0^{\circ}$

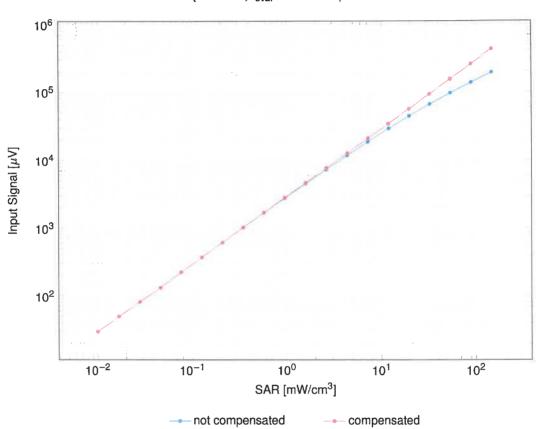


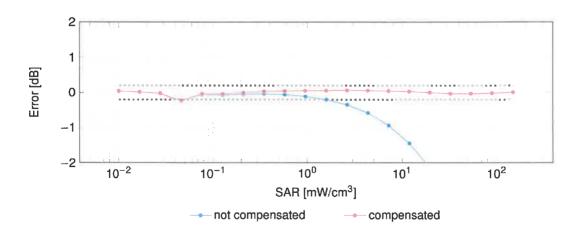


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

## Dynamic Range f(SAR<sub>head</sub>)

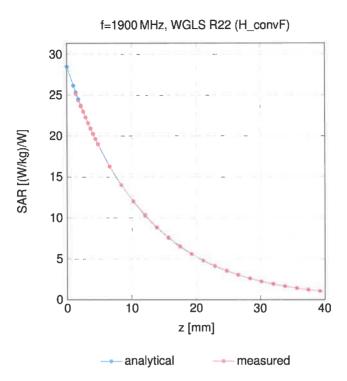
(TEM cell, f<sub>eval</sub> = 1900 MHz)



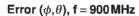


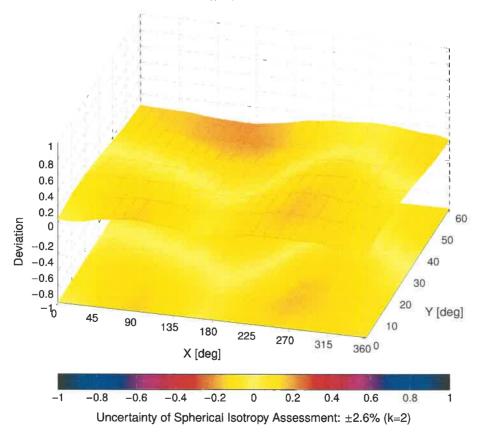
Uncertainty of Linearity Assessment: ±0.6% (k=2)

### **Conversion Factor Assessment**



## **Deviation from Isotropy in Liquid**





## **Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
0		CW	CW	0.00	±4.7
10010	CAA	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
0021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
0023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
0030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
0031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
0032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
0033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
0034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
0035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
0036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
0037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
0049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
0100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109			LTE-FDD	6.43	±9.6
10110			LTE-FDD	5.75	±9.6
10111	CAG		LTE-FDD	6.44	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.42	±9.6
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10 150	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.21	±9.6
10196	AAE	IEEE 802.11n (HT Mixed, 5.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAF	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13 8.27	±9.6
10219	CAF	IEEE 802.11n (HT Mixed, 63 Mbps, 64-QAM)	WLAN	8.03	±9.6
10219	AAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BFSK)	WLAN	8.13	±9.6
10221	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.27	±9.6
10222	CAC	IEEE 802.11n (HT Mixed, 72.2 Midps, 64-QAM)	WLAN	8.06	±9.6
10223	CAD	IEEE 802.11n (HT Mixed, 19 Mbps, 16-QAM)	WLAN	8.48	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)		10.25	±9.6
			LTE-TDD		
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
0246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
0247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
0248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
0249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
0250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
0251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
0252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
0253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
0254	CAB				
		LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
0255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
0256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-TDD	9.96	±9.6
0257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TDD	9.34	±9.6
0259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
0260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
0261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
0262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
0263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
0264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
0265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
0267		LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
0268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD		
0269	_			10.06	±9.6
	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
0270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
0274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
0275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
0277	CAD	PHS (QPSK)	PHS	11.81	±9.6
0278	CAD	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
0279	CAG	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
0290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
0291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
0292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
0293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
0295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
0297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
0298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
0299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD		±9.6
0300	CAC			6.39	+
	_	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	CAC	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	CAB	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	±9.6
10303	CAB	IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	CAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6
10305	CAA	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC)	WiMAX	15.24	±9.6
0306	CAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC)	WiMAX	14.67	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10307	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC)	WiMAX	14.49	±9.6
10308	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM,AMC 2x3)	WiMAX	14.58	±9.6
10310	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3	WiMAX	14.57	±9.6
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAD	iDEN 1:3	iDEN	10.51	±9.6
10314	AAD	iDEN 1:6	iDEN	13.48	±9.6
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	±9.6
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200 Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200 Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200 Hz, 40%)	Generic	3.98	±9.6 ±9.6
10355 10356	AAA	Pulse Waveform (200 Hz, 60%)	Generic Generic	0.97	±9.6
	AAA	Pulse Waveform (200 Hz, 80%)	Generic	5.10	±9.6
10387 10388	AAA	QPSK Waveform, 1 MHz		5.10	±9.6
		QPSK Waveform, 10 MHz	Generic	6.27	±9.6
10396 10399	AAA	64-QAM Waveform, 100 kHz 64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAA		Generic		±9.6
10400	AAA	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc dc) IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc dc)	WLAN	8.37	±9.6
10401	AAA	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc dc)	WLAN	8.60 8.53	±9.6
10402	AAA	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)  CDMA2000 (1xEV-DO, Rev. A)		3.76	±9.6
10404	AAD	CDMA2000 (TXEV-DO, Rev. A)  CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000 CDMA2000	5.22	±9.6
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz		8.54	±9.6
10414	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	Generic WLAN	1.54	±9.6
0416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	±9.6
10417	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	±9.6
0417	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN		±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14 8.19	±9.6
10422	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434		W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.53	±9.6
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
0451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
0453	AAC	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
0456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc dc)	WLAN	8.63	±9.6
0457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
0458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
0459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
0460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
0461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
0462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	±9.6
0463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	±9.6
0464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
0465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
0466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	±9.6
	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10470					

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> $k=2$
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	±9.6
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	±9.6
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	±9.6
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	±9.6
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	±9.6
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	±9.6
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	±9.6
10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	±9.6
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	±9.6
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	±9.6
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	±9.6
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	±9.6
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	±9.6
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	±9.6
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	±9.6
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	±9.6
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	±9.6
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	±9.6
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	±9.6
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	±9.6
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	±9.6
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6
10515		IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	±9.6
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	±9.6
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	±9.6
10519	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±9.6
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	±9.6
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	±9.6
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc dc)	WLAN	8.36	±9.6
10526	AAF	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc dc)	WLAN	8.42	±9.6
10527	AAF	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc dc)	WLAN	8.21	±9.6
10528	AAF	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc dc)	WLAN	8.36	±9.6
10529	AAF	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc dc)	WLAN	8.36	±9.6
10531	AAF	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc dc)	WLAN	8.43	±9.6
10532	AAF	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6
10533	AAE	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6
10534	AAE	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc dc)	WLAN	8.45	±9.6
10535	AAE	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6
10536	AAF	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc dc)	WLAN	8.32	±9.6
10537	AAF	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc dc)	WLAN	8.44	±9.6
10538	AAF	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc dc)	WLAN	8.54	±9.6
10540	AAA	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc dc)	WLAN	8.39	±9.6

UID F	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> $k = 3$
10541	AAA	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc dc)	WLAN	8.46	±9.6
10542	AAA	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc dc)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc dc)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc dc)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc dc)	WLAN	8.35	±9.6
- 1	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc dc)	WLAN	8.49	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc dc)	WLAN	8.37	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc dc)	WLAN	8.38	±9.6
			WLAN	8.50	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc dc)			±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc dc)	WLAN	8.42	
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc dc)	WLAN	8.45	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc dc)	WLAN	8.48	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc dc)	WLAN	8.47	±9.6
0556	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc dc)	WLAN	8.50	±9.6
0557 /	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc dc)	WLAN	8.52	±9.6
0558 /	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc dc)	WLAN	8.61	±9.6
0560 /	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc dc)	WLAN	8.73	±9.6
0561	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc dc)	WLAN	8.56	±9.6
0562	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc dc)	WLAN	8.69	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc dc)	WLAN	8.77	±9.6
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	±9.6
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	±9.6
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.13	±9.6
	AAC				±9.6
		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	±9.6
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	±9.6
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	±9.6
0571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	±9.6
	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	±9.6
0573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	±9.6
0574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	±9.6
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6
0576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.6
	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6
	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)			
	AAD		WLAN	8.36	±9.6
		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6
	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6
_	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.6
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6
	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6
	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6
	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6
	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc dc)			_
	AAA		WLAN	8.63	±9.6
_		IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc dc)	WLAN	8.64	±9.6
	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc dc)	WLAN	8.74	±9.6
	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc dc)	WLAN	8.71	±9.6
	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc dc)	WLAN	8.72	±9.6
	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc dc)	WLAN	8.50	±9.6
0599	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc dc)	WLAN	8.79	±9.6
0600	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
0601	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc dc)	WLAN	8.82	±9.6
	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc dc)	WLAN	8.94	±9.6
	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc dc)	WLAN	9.03	±9.6
	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc dc)	WLAN	8.76	±9.6
	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc dc)			+
	AAC		WLAN	8.97	±9.6
		IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc dc)	WLAN	8.64	±9.6
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc dc)	WLAN	8.77	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k =$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc dc)	WLAN	8.57	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc dc)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc dc)	WLAN	8.82	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc dc)	WLAN	8.81	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc dc)	WLAN	8.58	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc dc)	WLAN	8.86	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc dc)	WLAN	8.87	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc dc)	WLAN	8.68	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc dc)	WLAN	8.96	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc dc)	WLAN	8.81	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc dc)	WLAN	8.83	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc dc)	WLAN	8.98	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc dc)	WLAN	9.06	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc dc)	WLAN	9.06	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc dc)	WLAN	9.05	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc dc)	WLAN	9.11	±9.6
	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	±9.6
	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	±9.6
	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
	AAC	Pulse Waveform (200 Hz, 10%)	Test	10.00	±9.6
_	AAC	Pulse Waveform (200 Hz, 20%)	Test	6.99	±9.6
_	AAC	Pulse Waveform (200 Hz, 40%)	Test	3.98	±9.6
	AAC	Pulse Waveform (200 Hz, 60%)	Test	2.22	±9.6
	AAC	Pulse Waveform (200 Hz, 80%)	Test	0.97	±9.6
	AAC	Bluetooth Low Energy	Bluetooth	2.19	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS0, 90pc dc)	WLAN	9.09	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS1, 90pc dc)	WLAN	8.57	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS2, 90pc dc)	WLAN	8.78	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS4, 90pc dc)	WLAN	8.90	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS6, 90pc dc)	WLAN	8.73	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS7, 90pc dc)	WLAN	8.78	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS8, 90pc dc)	WLAN	8.89	±9.6
	AAD	IEEE 802.11ax (20 MHz, MCS9, 90pc dc)	WLAN	8.80	±9.6
	AAG	IEEE 802.11ax (20 MHz, MCS10, 90pc dc)	WLAN	8.62	±9.6
	AAF	IEEE 802.11ax (20 MHz, MCS11, 90pc dc)	WLAN	8.83	±9.6
	AAA	IEEE 802.11ax (20 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc dc)	WLAN	8.26	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6
0686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc dc)	WLAN	8.28	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10687	AAE	IEEE 802.11ax (20 MHz, MCS4, 99pc dc)	WLAN	8.45	±9.6
10688	AAE	IEEE 802.11ax (20 MHz, MCS5, 99pc dc)	WLAN	8.29	±9.6
10689	AAD	IEEE 802.11ax (20 MHz, MCS6, 99pc dc)	WLAN	8.55	±9.6
10690	AAE	IEEE 802.11ax (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6
10691	AAB	IEEE 802.11ax (20 MHz, MCS8, 99pc dc)	WLAN	8.25	±9.6
10692	AAA	IEEE 802.11ax (20 MHz, MCS9, 99pc dc)	WLAN	8.29	±9.6
10693	AAA	IEEE 802.11ax (20 MHz, MCS10, 99pc dc)	WLAN	8.25	±9.6
10694	AAA	IEEE 802.11ax (20 MHz, MCS11, 99pc dc)	WLAN	8.57	±9.6
10695	AAA	IEEE 802.11ax (40 MHz, MCS0, 90pc dc)	WLAN	8.78	±9.6
10696	AAA	IEEE 802.11ax (40 MHz, MCS1, 90pc dc)	WLAN	8.91	±9.6
10697	AAA	IEEE 802.11ax (40 MHz, MCS2, 90pc dc)	WLAN	8.61	±9.6
10698	AAA	IEEE 802.11ax (40 MHz, MCS3, 90pc dc)	WLAN	8.89	±9.6
10699	AAA	IEEE 802.11ax (40 MHz, MCS4, 90pc dc)			
10700	AAA	IEEE 802.11ax (40 MHz, MCS5, 90pc dc)	WLAN	8.82	±9.6
10701	AAA	IEEE 802.11ax (40 MHz, MCS6, 90pc dc)	WLAN	8.73	±9.6
10702	AAA		WLAN	8.86	±9.6
10702		IEEE 802.11ax (40 MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6
	AAA	IEEE 802.11ax (40 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
0704	AAA	IEEE 802.11ax (40 MHz, MCS9, 90pc dc)	WLAN	8.56	±9.6
10705	AAA	IEEE 802.11ax (40 MHz, MCS10, 90pc dc)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc dc)	WLAN	8.66	±9.6
0707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc dc)	WLAN	8.32	±9.6
0708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6
0710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc dc)	WLAN	8.29	±9.6
0711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc dc)	WLAN	8.39	±9.6
0712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc dc)	WLAN	8.67	±9.6
0713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc dc)	WLAN	8.33	±9.6
0714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc dc)	WLAN	8.26	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc dc)	WLAN	8.45	±9.6
0716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc dc)	WLAN	8.30	±9.6
0717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc dc)			
0718	AAC		WLAN	8.48	±9.6
0719	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc dc)	WLAN	8.24	±9.6
		IEEE 802.11ax (80 MHz, MCS0, 90pc dc)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc dc)	WLAN	8.87	±9.6
0721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc dc)	WLAN	8.76	±9.6
0722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc dc)	WLAN	8.55	±9.6
0723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
0724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc dc)	WLAN	8.90	±9.6
0725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
0726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc dc)	WLAN	8.72	±9.6
0727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc dc)	WLAN	8.66	±9.6
0728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc dc)	WLAN	8.65	±9.6
0729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc dc)	WLAN	8.64	±9.6
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc dc)	WLAN	8.67	±9.6
0731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
0732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc dc)	WLAN	8.46	±9.6
0733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6
0734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6
0735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc dc)	WLAN		
0736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc dc)		8.33	±9.6
0737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc dc)	WLAN	8.27	±9.6
0738	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc dc)	WLAN	8.36	±9.6
0739	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc dc)	WLAN	8.42	±9.6
0740	AAC		WLAN	8.29	±9.6
		IEEE 802.11ax (80 MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc dc)	WLAN	8.43	±9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6
0744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc dc)	WLAN	9.16	±9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc dc)	WLAN	8.93	±9.6
0746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc dc)	WLAN	9.11	±9.6
0747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc dc)	WLAN	9.04	±9.6
0748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc dc)	WLAN	8.93	±9.6
0749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc dc)	WLAN	8.90	±9.6
0750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc dc)	WLAN	8.79	±9.6
0751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
0752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> $k=2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc dc)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc dc)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc dc)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc dc)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc dc)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc dc)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc dc)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc dc)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc dc)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc dc)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc dc)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc dc)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc dc)	WLAN	8.51	±9.6
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAC	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798 10799	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10806	AAD		5G NR FR1 TDD	8.34	±9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	_	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.34	±9.6
10817	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10819	_	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.34 8.33	±9.6 ±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)			
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10822		5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823		5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
	AAC.	OG THE (OF TO DIVI, TOU /O FID, BUIVING, QESK, 30 KMZ)	5G NR FR1 TDD	8.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QFSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
	_				±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)		8.12	±9.6
10880	AAD		5G NR FR2 TDD		
	_	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)			
10905	_		5G NR FR1 TDD	5.68	±9.6
	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)		8.23	±9.6
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD		±9.6
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	8.14 8.31	±9.6
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 19 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.30	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 13 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)			±9.6
	AAA	ULLA BDR	5G NR FR1 TDD	10.28	±9.6
1/107¤		ULLA HDR4	ULLA	2.23	±9.6
			ULLA	7.02	±9.6
10979	AAA				
10978 10979 10980 10981	AAA AAA	ULLA HDR8 ULLA HDRp4	ULLA	8.82 1.50	±9.6

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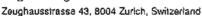
UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6

 $<sup>^{\</sup>sf E}$  Uncertainty 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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#### Calibration Laboratory of

Schmld & Partner Engineering AG







S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
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S Swiss Calibration Service

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Multilateral Agreement for the recognition of calibration certificates

Cilent

B.V. ADT (Auden)

Certificate No

EX-7554\_Jul22/2

# CALIBRATION CERTIFICATE (Replacement of No: EX-7554 Jul 22)

Object

EX3DV4 - SN:7554

Calibration procedure(s)

QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v6, QA CAL-23.v5,

**QA CAL-25.v7** 

Calibration procedure for dosimetric E-field probes

Calibration date

July 28, 2022

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

All callbrations have been conducted in the closed faboratory facility; environment temperature (22±3) ℃ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	1D	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-21 (OCP-DAK3.5-1249_Oct21)	Oct-22
OCP DAK-12	SN: 1016	20-Oct-21 (OCP-DAK12-1016_Oct21)	Oct-22
Reference 20 dB Attenuator	SN: CC2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAE4	SN: 860	13-Oct-21 (No. DAE4-660_Oct21)	Oct-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013 Dec21)	Dec-22

Secondary Standards	IĎ	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (In house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (In house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (In house check Juл-22)	in house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (In house check Oct-20)	in house check: Oct-22

Name Function

Sig

Callbrated by

Lelf Klysner

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: November 11, 2022

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

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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Servizio svizzero di teratura S Swiss Calibration Service

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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  $\varphi$   $\varphi$  rotation around probe axis

Polarization  $\theta$   $\theta$  rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e.,  $\theta = 0$  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) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) 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 ∂ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This illnearization 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 with CW signal. 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; Dx,y,z; VRx,y,z: A, B, C, D 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-fleld (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values 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 ±50 MHz to ±100 MHz.
- 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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### Parameters of Probe: EX3DV4 - SN:7554

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m)²) A	0.62	0.67	0.63	±10.1%
DCP (mV) B	101.6	100.1	99.5	±4.7%

### Calibration Results for Modulation Response

מוט	Communication System Name		Α	В	C	D	VR	Max	Max
		)	dB.	dΒ√μV		d₿	mV	dev.	Unc <sup>€</sup>
									k = 2
0	CW	X	0.00	0.00	1.00	0.00	167.5	±2.5%	±4.7%
		Y	0.00	0.00	1.00		169.0		
		Z	0.00	0.00	1.00		160.7		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	90.08	20.26	10.00	60.0	±3.6%	±9.6%
		Y	20.00	89.84	19.86		60.0		
		Z	20.00	88.13	18.82		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	90.19	19.55	6.99	80.0	±1.9%	±9.6%
		Y	20.00	89.79	18.90		80.0		
		Z	20.00	88.12	17.91	1	80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	92.62	19.64	3.98	95.0	±0.7%	±9.8%
		Y	20.00	90.48	18.01	1	95.0		
		Z	20.00	89.58	17.49	1	95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	96.51	20.32	2.22	120.0	±0.8%	±9.6%
		Y	20.00	90.11	16.63	1	120.0	1	
		Z	20.00	91.54	17.36	1	120.0	1	
10387	QPSK Waveform, 1 MHz	X	1.73	66.41	15.28	1.00	150.0	±2.6%	±9.6%
		Y	1.51	64.08	13.55	]	150.0	]	
		Ž	1,55	64.66	13.98	]	150.0	]	
10388	QPSK Waveform, 10 MHz	X	2.33	68.63	16.03	0.00	150.0	±1.0%	±9.6%
		Ŷ	2.00	65.91	14.30	1	150.0	1	
		Ž	2.04	66.32	14.71	1	150.0	1	
10396	64-QAM Wavelorm, 100 kHz	X	3.24	72.10	19.69	3.01	150.0	±0.7%	±9.6%
		Ŷ	2.84	69.31	18.13		150.0	1	
		Z	2.91	70.80	19.09	]	150.0	[	
10399	64-QAM Waveform, 40 MHz	X	3.56	67.36	15.92	0.00	150.0	±2.1%	±9.6%
		Y	3.37	66.18	15.08		150.0	]	
		Ž	3.38	66.32	15.26		150.0	]	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.94	65.79	15.64	0.00	150.0	±4.2%	±9.6%
		Υ	4.80	65.18	15.17	]	150.0	]	
		Z	4.77	65.22	15.23		150.0	1	

Note: For details on UID parameters see Appendix

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,2 do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 8).

B Linearization parameter uncertainty for maximum specified field strength.

E Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

# Parameters of Probe: EX3DV4 - SN:7554

# Sensor Model Parameters

	C1	C2	α	T1	T2	Т3	T4	T5	T6
	fF	fF.	V <sup>-1</sup>	msV <sup>-2</sup>	ms V <sup>-1</sup>	ms	V-2	V <sup>-1</sup>	
X	49.8	372.23	35.61	26.41	0.00	5.10	1.14	0.30	1.01
У	48.4	366.78	36.22	19.69	0.02	5.10	0.75	0.37	1.01
Z	44.6	334.60	35.64	19.05	0.00	5.05	1.68	0.12	1.01

### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-133.3°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3-4 mm for an Area Scan job.

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### Parameters of Probe: EX3DV4 - SN:7554

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
13	55.0	0.75	20.23	20.23	20.23	0.00	1.00	±13.3%
750	41.9	0.89	10.48	10.48	10.48	0.53	0.80	±12.0%
835	41.5	0.90	10.01	10.01	10.01	0.39	1.00	±12.0%
1450	40.5	1.20	8.83	8.83	8.83	0.42	0.80	±12.0%
1640	40.2	1.31	8.68	8.68	8.68	0.37	0.86	±12.0%
1750	40.1	1,37	8.60	8.60	8.60	0.33	0.86	±12.0%
1900	40.0	1.40	8.24	8.24	8.24	0.37	0.86	±12.0%
2000	40.0	1.40	8.20	8.20	8.20	0.34	0.86	±12.0%
2300	39.5	1.67	7.73	7.73	7.73	0.32	0.90	±12.0%
2450	39.2	1.80	7.50	7.50	7.50	0.35	0.90	±12.0%
2600	39.0	1.96	7.23	7.23	7.23	0.45	0.90	±12.0%
3300	38.2	2.71	6.98	6.98	6.98	0.30	1.35	±14.0%
3500	37.9	2.91	6.91	6.91	6.91	0.30	1.35	±14.0%
3700	37.7	3.12	6.73	6.73	6.73	0.30	1.35	±14.0%
3900	37.5	3.32	6.63	6.63	6.63	0.35	1.50	±14.0%
4100	37.2	3.53	6.44	6.44	6.44	0.35	1.50	±14.0%
4200	37.1	3.63	6.41	6.41	6.41	0.35	1.60	±14.0%
5250	35.9	4.71	5.14	5.14	5.14	0.40	1.80	±14.0%
5600	35.5	5.07	4.61	4.61	4.61	0.40	1.80	±14.0%
5800	35.3	5.27	4.79	4.79	4.79	0.40	1.80	±14.0%

<sup>&</sup>lt;sup>C</sup> Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the 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 90, 84, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-6 MHz, and CorwF assessed at 13 MHz is 9-18 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

At frequencies up to 6 GHz, the validity of tissue parameters (e and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR.

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values. 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 frequencies between 9-6 GHz at any distance larger than half the probe tip diameter from the boundary.

### Parameters of Probe: EX3DV4 - SN:7554

#### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
6500	34.5	6.07	5.65	5.65	5.65	0.20	2.00	±18.6%
8000	32.7	7.84	5.45	5.4 <b>5</b>	5.45	0.35	2.00	±18.6%
9000	31.6	9.08	5.35	5.35	5.35	0.45	2.15	±18.6%

C Frequency validity at 8.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration

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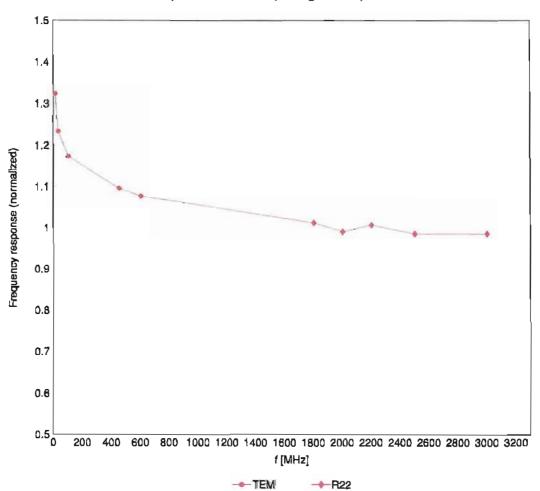
frequency and the uncertainty for the indicated frequency band.

F At frequencies 6–10 GHz, the validity of tissue parameters ( $\varepsilon$  and  $\sigma$ ) can be relaxed to  $\pm 10\%$  if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target liesue parameters.

Q 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; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.

# Frequency Response of E-Field

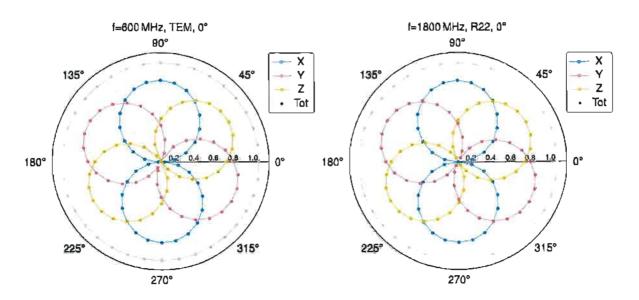
(TEM-Cell:iff110 EXX, Wavegulde:R22)

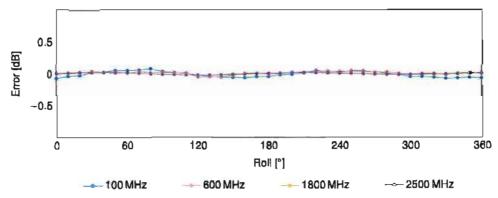


Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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# Receiving Pattern ( $\phi$ ), $\theta = 0^{\circ}$

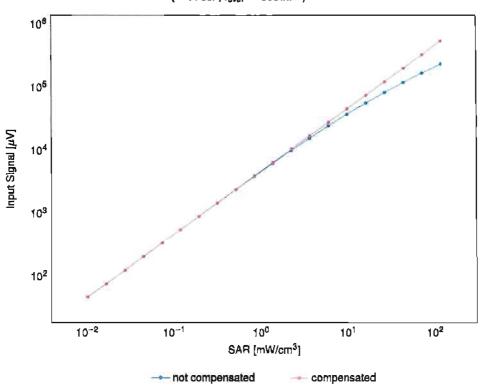


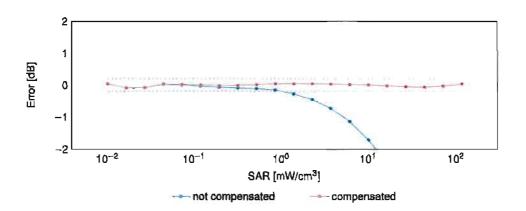


Uncertainty of Axial Isotropy Assessment:  $\pm 0.5\%$  (k=2)

# Dynamic Range $f(SAR_{head})$

(TEM cell,  $f_{eval} = 1900 \, \text{MHz}$ )



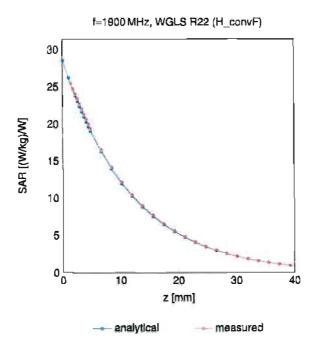


Uncertainty of Linearity Assessment: ±0.6% (k=2)

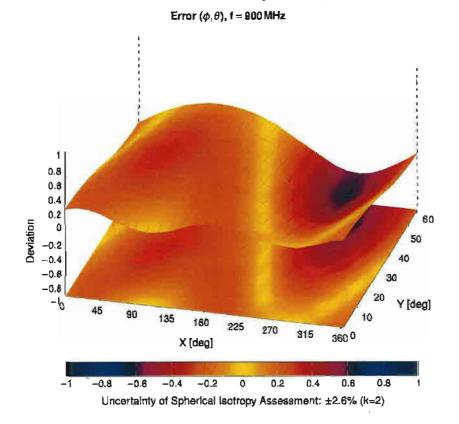
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# **Conversion Factor Assessment**



# **Deviation from Isotropy in Liquid**



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# **Appendix: Modulation Calibration Parameters**

UID	Rev	Comparing Conton Name	Charles	DAR (JD)	Uno $E k = 2$
010	nev	Communication System Name CW	Group CW	0.00	±4.7
	CAB				
10010	CAB	SAA Validation (Squere, 100 ms, 10 ms) UMTS-FDD (WCDMA)	WCDMA	2,91	±9.6
10011		` '			
	CAB	IEEE 802.11b WiF1 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)		9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9,57	±9.8
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	8.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.5
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	QSM	9.65	±9.5
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	£9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	8.e±
10030	CAA	IEEE 802.15.1 Bluelooth (GFSK, DH1)	Bluelooth	5.30	±9.8
10031	CAA	IEEE 802.15.1 Bluelooth (GFSK, DH3)	Bluetooth	1.87	±9.8
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetosth	1,18	±9.6
10033	CAA	IEEE 802.15.1 Bluelooth (PI/4-DQPSK, DH1)	Bluetooth	7,74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Sluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3,83	±9.8
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluelooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
1003B	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.8
10048	CAA	DECT (TDD, TDMA/FDM, GF8K, Full Sto), 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10058	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11,01	±9.8
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.115 WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	(EEE 602.116 WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.8
10062	CAD	IEEE 802.11a/h WiFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10083	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10084	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10085	CAD	IEEE 802.11a/h WiFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 38 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	1EEE 802.11a/h WiFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.8
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802,11g WiFi 2,4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10,77	±9.6
10078	ÇAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB		WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xATT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.8
10097	ÇAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10097	CAC	UMTS-FDD (HSUPA, Sublest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDO	5.67	19.6
10101	CAF	LTE-FOD (SC-FOMA, 100% RB, 20 MHz, 18-QAM)	LTE-FOD	8,42	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FOD	8.60	±9.6
10102	CAP	LTE-FOD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDO	9.29	±9.6
	_		LTE-TOD	9.23	±9.6
10104	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)			±9.8
10105	CAH		LTE-TDD	10.01	±9,6
10108	CAH		LTE-FDD	5.80	±9.6
10109	CAH		LTE-FDD	6.43	_,
10110	CAH	· · · · · · · · · · · · · · · · · · ·	LTE-FOD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FOMA, 100% RB, 5:MHz, 16-QAM)	₹7E-FÐD	6.44	±9.6

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10112 CAH   ITE-FD0 (SC-PDMA, 1009/R B, 1004/E, 94-CAM)	UID	Rev	Communication System Name	Group	PAR (dB)	<b>Uπο<sup>E</sup></b> k = 2
19114   CAD   REE 802.11 ptf Torentled; 13 Maps, BrSQN   WLAN   8.46   2.9.6	10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
19115   CAD   BEES 80.21 In IFT Greenfeld; 155 May 5.4-CAM)   W.A.M   8.15   26.6   1916   CAD   BEES 80.21 In IFT Greenfeld; 155 May 5.4-CAM)   W.A.M   8.15   26.6   1917   CAD   BEES 80.21 In IFT Maked; 13.5-May 6.4-CAM)   W.A.M   8.15   26.6   1918   CAD   BEES 80.21 In IFT Maked; 13.5-May 6.4-CAM)   W.A.M   8.15   26.6   1918   CAD   BEES 80.21 In IFT Maked; 13.5-May 6.4-CAM)   W.A.M   8.15   26.6   1918   CAD   BEES 80.21 In IFT Maked; 13.5-May 6.4-CAM)   W.A.M   8.13   26.6   1918   CAD   BEES 80.21 In IFT Maked; 13.5-May 6.4-CAM)   W.A.M   8.13   26.6   1914   CAF   UT-FDO (S.C.FDAM, 100% RB, 15.MHz, 6.4-CAM)   UT-FDD   6.4   19.8   19.	10113	CAH	LTE-FOD (SC-FOMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	£9.6
1911   CAD			IEEE 802.11n (HT Greenfield, 13.5 Mops, BPSK)	WLAN	8.10	±9.6
10.117   CAD   REE 60.21.10 (FT Mixed, 1156, Mixed, 1156, Mix)   MAN   6.57   1.98   1.98   1.91   1.01   1.00	10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10119   CAD   EEE 802.11 (PMT Mixed, 13 Moya, 14 GAM)		_		WLAN	8.15	±9.6
10.119   CAP   TEFF DIG (S-FDMA, 1009; RB, 15MHz, 6-CAM)   TEFF DID   6.59   49.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 15MHz, 6-CAM)   TEFF DID   6.53   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 15MHz, 6-CAM)   TEFF DID   5.73   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 30MHz, 6-CAM)   TEFF DID   5.73   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 30MHz, 6-CAM)   TEFF DID   5.75   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 30MHz, 6-CAM)   TEFF DID   6.55   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 30MHz, 6-CAM)   TEFF DID   6.56   6.9   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 30MHz, 16-CAM)   TEFF DID   6.57   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 30MHz, 16-CAM)   TEFF DID   6.57   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 14MHz, 6-PGMA)   TEFF DID   6.57   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 14MHz, 6-PGMA)   TEFF DID   6.57   29.6   10.14   CAF   TEFF DIG (S-FDMA, 1009; RB, 14MHz, 6-PGMA)   TEFF DID   6.57   29.6   10.14   CAF   TEFF DIG (S-FDMA, 509; RB, 20MHz, 16-CAM)   TEFF DID   6.50   29.6   29.6   10.15   CAF   TEFF DIG (S-FDMA, 509; RB, 20MHz, 16-CAM)   TEFF DID   6.50   29.6   29.6   10.15   CAF   TEFF DIG (S-FDMA, 509; RB, 20MHz, 16-CAM)   TEFF DID   6.50   29.6   29.	10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.8
10141   CAF   TEFDD (SC-FDMA, 100% RB, 154Mts, 16-QAM)			IEEE 802,11n (HT Mixed, 81 Mbps, 18-QAM)	WLAN	8.59	±9.6
10141   CAF   LIFE-FDD (SC-PDMA, 100% RB, 15MHz, 64-OAM)   LIFE-FDD   5.73   19.6						±9.6
10142   CAF   LTE-FDD (SC-FDMA, 100% RB, 3MHz, CPGM)   LTE-FDD   5.73   19.6     10143   CAF   LTE-FDD (SC-FDMA, 100% RB, 3MHz, 160AM)   LTE-FDD   6.55   19.8     10144   CAF   LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64CAM)   LTE-FDD   6.55   19.8     10145   CAG   LTE-FDD (SC-FDMA, 100% RB, 14MHz, 0FSK)   LTE-FDD   6.56   19.8     10146   CAG   LTE-FDD (SC-FDMA, 100% RB, 14MHz, 0FSK)   LTE-FDD   6.6   19.6     10147   CAG   LTE-FDD (SC-FDMA, 100% RB, 14MHz, 16-CAM)   LTE-FDD   6.7   19.8     10149   CAG   LTE-FDD (SC-FDMA, 500% RB, 12MHz, 16-CAM)   LTE-FDD   6.7   19.8     10149   CAF   LTE-FDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   6.7   19.8     10149   CAF   LTE-FDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   6.7   19.8     10140   CAF   LTE-FDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   6.7   19.8     10151   CAH   LTE-TDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   9.2   19.8     10152   CAH   LTE-TDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   9.2   19.8     10153   CAH   LTE-TDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   9.2   19.8     10154   CAH   LTE-TDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   9.2   19.8     10155   CAH   LTE-FDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   9.2   19.8     10155   CAH   LTE-FDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   10.5   19.5     10155   CAH   LTE-FDD (SC-FDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD   10.5   19.5     10155   CAH   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 16-CAM)   LTE-FDD   10.5   19.8     10155   CAH   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 16-CAM)   LTE-FDD   10.5   19.8     10156   CAH   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 16-CAM)   LTE-FDD   10.5   19.8     10157   CAH   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 16-CAM)   LTE-FDD   10.5   19.8     10158   CAM   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 16-CAM)   LTE-FDD   10.5   19.8     10159   CAM   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 10-CAM)   LTE-FDD   10.5   19.8     10150   CAM   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 10-CAM)   LTE-FDD   10.5   19.8     10151   CAM   LTE-FDD (SC-FDMA, 500% RB, 10MHz, 10		_				
10143   CAF   LTE-FDD (SC-PDMA, 100% RB, 3MHz, 16-CAM)   LTE-FDD   6.35   19.6   10144   CAF   LTE-FDD (SC-PDMA, 100% RB, 3MHz, 64-CAM)   LTE-FDD (SC-PDMA, 100% RB, 14MHz, 16-CAM)   LTE-FDD (SC-PDMA, 500% RB, 20MHz, 16-CAM)   LTE-FDD (SC-PDMA, 500% RB, 10MHz, 16-CAM)   LTE-FDD (SC-PD	-		, , , , , , , , , , , , , , , , , , , ,			
1914   CAP   LTE-FDD (SC-PDMA, 1907, RR, 3MHz, 64-CAM)					_	
10148 CAG   UTE-FDD (SC-FDMA, 100% RB, 14MHz, 19F3AD)   UTE-FDD   5.76   49.8   10147   CAG   UTE-FDD (SC-FDMA, 100% RB, 14MHz, 15-CAM)   UTE-FDD   6.72   19.8   10147   CAG   UTE-FDD (SC-FDMA, 100% RB, 14MHz, 15-CAM)   UTE-FDD   6.72   19.8   10149   CAF   UTE-FDD (SC-FDMA, 500% RB, 50MHz, 19-CAM)   UTE-FDD   5.00   42.9   5.10   5.1						
10146   CAG   LTE-FDC (SC-FDMA, 100%, RR, 1.4 MHz, 15-CAM)						
10149   CAF   UTE-FDD (SC-PDMA, 100P, RB, 14AME, 46-DAM)						
10149   CAF   ITE-PDD (SC-PDMA, 50% RB, 20MHz, 18-CAM)		_	·			
10150   CAF		_				
10151   CAH			, , , , , , , , , , , , , , , , , , , ,			$\overline{}$
10152   CAH						
10155   CAH						
10155   CAH   LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-DAM)   LTE-FDD   8-43   49.6   10156   CAH   LTE-FDD (SC-FDMA, 50% RB, 50MHz, 16-DAM)   LTE-FDD   8-43   49.6   10157   CAH   LTE-FDD (SC-FDMA, 50% RB, 50MHz, 16-DAM)   LTE-FDD   8-579   49.8   10157   CAH   LTE-FDD (SC-FDMA, 50% RB, 50MHz, 16-DAM)   LTE-FDD   8-62   49.8   49.8   10158   CAH   LTE-FDD (SC-FDMA, 50% RB, 50MHz, 16-DAM)   LTE-FDD   8-62   49.8   49.8   10158   CAH   LTE-FDD (SC-FDMA, 50% RB, 50MHz, 64-DAM)   LTE-FDD   8-62   49.8   10159   CAH   LTE-FDD (SC-FDMA, 50% RB, 50MHz, 64-DAM)   LTE-FDD   8-62   49.8   10159   CAF   LTE-FDD (SC-FDMA, 50% RB, 50MHz, 18-DAM)   LTE-FDD   8-62   49.8   10161   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 18-DAM)   LTE-FDD   8-65   49.8   10161   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 18-DAM)   LTE-FDD   8-65   49.8   10162   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 18-DAM)   LTE-FDD   8-65   49.8   10162   CAF   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 19-SAM)   LTE-FDD   8-65   49.8   10167   CAG   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 19-SAM)   LTE-FDD   8-65   49.8   10167   CAG   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 19-SAM)   LTE-FDD   8-65   49.8   10168   CAG   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 19-SAM)   LTE-FDD   8-76   49.5   10168   CAG   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 19-SAM)   LTE-FDD   8-76   49.8   10169   CAG   LTE-FDD (SC-FDMA, 18-2 MHz, 20-SAM)   LTE-FDD   8-76   49.8   10170   CAF   LTE-FDD (SC-FDMA, 18-2 MHz, 20-SAM)   LTE-FDD   8-76   49.8   10170   CAF   LTE-FDD (SC-FDMA, 18-2 MHz, 20-SAM)   LTE-FDD   8-76   49.8   10170   CAF   LTE-FDD (SC-FDMA, 18-2 MHz, 64-OAM)   LTE-FDD   8-76   49.8   10172   CAH   LTE-TDD (SC-FDMA, 18-2 MHz, 64-OAM)   LTE-FDD   8-76   49.8   10173   CAH   LTE-FDD (SC-FDMA, 18-2 MHz, 64-OAM)   LTE-FDD   8-75   49.8   10173   CAH   LTE-FDD (SC-FDMA, 18-2 MHz, 64-OAM)   LTE-FDD   8-75   49.8   10173   CAH   LTE-FDD (SC-FDMA, 18-2 MHz, 64-OAM)   LTE-FDD   8-75   49.8   10173   CAH   LTE-FDD (SC-FDMA, 18-3 MHz, 64-OAM)   LTE-FDD   8-75   49.8   10173   CAH   LTE-FDD (SC-FDMA, 18-3 MHz						
10155   CAH   LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 15-GAM)   LTE-FDD   S.79   LTE-FDD   SC-FDMA, 50% RB, 5MHz, 10-SMM)   LTE-FDD   SC-FDMA, 50% RB, 5MHz, 16-GAM)   LTE-FDD   SC-FDMA, 50% RB, 15 MHz, 2G-SK)   LTE-FDD   SC-FDMA, 50% RB, 14 MHz, 2G-SK)   LTE-FDD   SC-FDMA, 50% RB, 20 MHz, 2G-SK)   LTE-FDD   SC-FDMA, 182 SWHz, 2G-SK)   LTE-FDD   SC-FDMA, 183 SWHz, 2G-SK)   LTE-FDD   SC-						
10156   CAH   LTE-FDD (SC-FDMA, 50% RB, 5MFz, 0-PSK)   LTE-FDD   S.79   ±9.8   10157   CAH   LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 54-QMM)   LTE-FDD   S.6.2   ±9.8   10159   CAH   LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 54-QMM)   LTE-FDD   S.6.2   ±9.8   10159   CAH   LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 54-QMM)   LTE-FDD   S.6.2   ±9.8   10159   CAH   LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QMM)   LTE-FDD   S.6.2   ±9.8   10161   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QMM)   LTE-FDD   S.6.2   ±9.8   10161   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 20 MHz, 15 MHz,	-	_				
10156   CAH   LTE-FDD (SC-FDMA, 50% RB, 10MHz, 64-GAM)   LTE-FDD   6.62						
10155						
10150   CAH   LTE-FDD (SC-FDMA, 50% RB, 5MHz, 6H-QAM)   LTE-FDD   6.56   ±9.6     10161   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)   LTE-FDD   6.43   ±9.6     10162   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 8H-QAM)   LTE-FDD   6.43   ±9.6     10163   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 8H-QAM)   LTE-FDD   6.59   ±9.6     10162   CAF   LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 8H-QAM)   LTE-FDD   6.59   ±9.6     10163   CAG   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 6H-QAM)   LTE-FDD   6.59   ±9.6     10166   CAG   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16 QAM)   LTE-FDD   6.79   ±9.6     10167   CAG   LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 8H-QAM)   LTE-FDD   6.79   ±9.6     10168   CAG   LTE-FDD (SC-FDMA, 18D, 20 MHz, 0 FSK)   LTE-FDD   6.79   ±9.6     10179   CAF   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16 QAM)   LTE-FDD   6.79   ±9.6     10170   CAF   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 0 FSK)   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16 QAM)   LTE-FDD   6.52   ±9.8     10171   CAF   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 0 FSK)   LTE-FDD   6.52   ±9.8     10172   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 0 FSK)   LTE-TDD   9.21   ±9.6     10173   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 0 FSK)   LTE-TDD   9.21   ±9.6     10174   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 0 FSK)   LTE-TDD   9.21   ±9.6     10175   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.21   ±9.6     10176   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.22   ±9.6     10177   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.72   ±9.6     10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.72   ±9.6     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.72   ±9.6     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.72   ±9.6     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.72   ±9.6     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.72   ±9.6     10180   CAF   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0 FSK)   LTE-FDD   9.72   ±9.6     10181   CAF   LTE-FDD (SC-FDMA, 1 RB,						
10161   CAF			· · · · · · · · · · · · · · · · · · ·			
10   16   CAF	-					<del></del>
10162   CAF		_				
10168   CAG   LTE-FDD (SC-FDMA, 50% RB, 1 AMHz, QPSK)   LTE-FDD   S.48   ±9.8     10167   CAG   LTE-FDD (SC-FDMA, 50% RB, 1 AMHz, 64-QAM)   LTE-FDD   8.21   ±9.8     10168   CAG   LTE-FDD (SC-FDMA, 50% RB, 1 AMHz, 64-QAM)   LTE-FDD   8.79   ±9.5     10169   CAG   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)   LTE-FDD   5.73   ±9.8     10170   CAF   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)   LTE-FDD   6.52   ±9.8     10171   AAF   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, GPSK)   LTE-FDD   6.49   ±9.6     10172   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, GPSK)   LTE-FDD   8.49   ±9.6     10173   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, GPSK)   LTE-TDD   9.21   ±9.6     10174   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, GPSK)   LTE-TDD   9.21   ±9.6     10175   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, GPSK)   LTE-TDD   10.25   ±9.6     10176   CAH   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, GPSK)   LTE-TDD   10.25   ±9.6     10177   CAJ   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-FDD   5.72   ±9.6     10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-FDD   5.72   ±9.6     10179   CAJ   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-FDD   5.73   ±9.8     10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-FDD   5.73   ±9.8     10179   CAJ   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-FDD   5.52   ±9.8     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-FDD   6.50   ±9.8     10180   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-FDD   6.50   ±9.8     10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8     10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8     10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8     10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8     10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8     10186   CAF   LTE-		_				
10168   CAG	10166	CAG		LTE-FDD	5.48	±9.6
10189   CAF   LTE-FDD (SC-FDMA, 1 RB, 20MHz, OPSK)   LTE-FDD   6.73   ±9.8     10170   CAF   LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)   LTE-FDD   6.52   ±9.8     10171   AAF   LTE-FDD (SC-FDMA, 1 RB, 20MHz, 0-QAM)   LTE-FDD   6.49   ±9.6     10172   CAH   LTE-TDD (SC-FDMA, 1 RB, 20MHz, 0-QSK)   LTE-FDD   9.21   ±9.6     10173   CAH   LTE-TDD (SC-FDMA, 1 RB, 20MHz, 0-QSK)   LTE-FDD   9.21   ±9.6     10174   CAH   LTE-TDD (SC-FDMA, 1 RB, 20MHz, 0-QSK)   LTE-FDD   0.025   ±9.8     10175   CAH   LTE-FDD (SC-FDMA, 1 RB, 20MHz, 0-QSK)   LTE-FDD   0.025   ±9.8     10176   CAH   LTE-FDD (SC-FDMA, 1 RB, 10MHz, 0-QSK)   LTE-FDD   0.572   ±9.6     10176   CAH   LTE-FDD (SC-FDMA, 1 RB, 10MHz, 18-QAM)   LTE-FDD   0.572   ±9.6     10177   CAJ   LTE-FDD (SC-FDMA, 1 RB, 10MHz, 18-QAM)   LTE-FDD   0.573   ±9.8     10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 0-QSK)   LTE-FDD   0.573   ±9.8     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 0-QSK)   LTE-FDD   0.50   ±9.8     10180   CAH   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 0-QSK)   LTE-FDD   0.50   ±9.8     10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 0-QSK)   LTE-FDD   0.50   ±9.8     10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 0-QSK)   LTE-FDD   0.50   ±9.8     10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 0-QSK)   LTE-FDD   0.50   ±9.8     10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15MHz, 0-QSK)   LTE-FDD   0.50   ±9.8     10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 15MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10187   CAG   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10189   CAD   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10189   CAD   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10189   CAD   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK)   LTE-FDD   0.50   ±9.6     10189   CAD   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0-QSK	10167	CAG	LTE-FDD (8C-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-FDO	8.21	±9.8
10170   CAF   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)   LTE-FDD   6.52   ±9.8   10171   AAF   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)   LTE-FDD   8.49   ±9.6   10172   CAH   LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM)   LTE-TOD   9.21   ±9.6   10173   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM)   LTE-TOD   9.48   ±9.6   10174   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM)   LTE-TOD   9.48   ±9.6   10174   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM)   LTE-FDD   10.26   ±9.6   10175   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-FDD   10.26   ±9.6   10176   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-FDD   5.72   ±9.6   10177   CAJ   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 18-QAM)   LTE-FDD   5.73   ±9.8   10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 18-QAM)   LTE-FDD   5.73   ±9.8   10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 18-QAM)   LTE-FDD   6.50   ±9.8   10180   CAH   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)   LTE-FDD   6.50   ±9.8   10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 69-QAM)   LTE-FDD   6.50   ±9.8   10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.50   ±9.8   10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.50   ±9.8   10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8   10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.52   ±9.8   10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   6.51   ±9.8   10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.51   ±9.8   10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.51   ±9.8   10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.51   ±9.8   10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.51   ±9.8   10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.52   ±9.6   10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.52   ±9.6   10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.52   ±9.6   10185   CAD   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LT	10168	CAG	LTE-FOD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	8.79	±9.6
10171   AAF   LTE-FDD   SC-FDMA, 1 RB, 20 MHz, 64-OAM    LTE-FDD   8.48   ±9.6   10172   CAH   LTE-TDD   SC-FDMA, 1 RB, 20 MHz, 18-OAM    LTE-TDD   9.21   ±9.6   10173   CAH   LTE-TDD   SC-FDMA, 1 RB, 20 MHz, 18-OAM    LTE-TDD   10.26   ±9.6   10174   CAH   LTE-TDD   SC-FDMA, 1 RB, 20 MHz, 18-OAM    LTE-TDD   10.26   ±9.6   10175   CAH   LTE-FDD   SC-FDMA, 1 RB, 10 MHz, 0PSK)   LTE-FDD   5.72   ±9.6   10176   CAH   LTE-FDD   SC-FDMA, 1 RB, 10 MHz, 16-OAM    LTE-FDD   5.72   ±9.6   10176   CAH   LTE-FDD   SC-FDMA, 1 RB, 5 MHz, 0PSK)   LTE-FDD   5.73   ±9.6   10177   CAJ   LTE-FDD   SC-FDMA, 1 RB, 5 MHz, 19-OAM    LTE-FDD   5.73   ±9.6   10178   CAH   LTE-FDD   SC-FDMA, 1 RB, 5 MHz, 20-OAM    LTE-FDD   5.70   ±9.8   10179   CAH   LTE-FDD   SC-FDMA, 1 RB, 5 MHz, 20-OAM    LTE-FDD   5.50   ±9.8   10180   CAH   LTE-FDD   SC-FDMA, 1 RB, 5 MHz, 20-OAM    LTE-FDD   5.50   ±9.8   10180   CAH   LTE-FDD   SC-FDMA, 1 RB, 5 MHz, 20-OAM    LTE-FDD   5.72   ±9.8   10182   CAF   LTE-FDD   SC-FDMA, 1 RB, 15 MHz, 0PSK)   LTE-FDD   5.72   ±9.8   10183   CAF   LTE-FDD   SC-FDMA, 1 RB, 15 MHz, 0PSK)   LTE-FDD   5.72   ±9.8   10183   CAF   LTE-FDD   SC-FDMA, 1 RB, 15 MHz, 0PSK)   LTE-FDD   5.72   ±9.8   10184   CAF   LTE-FDD   SC-FDMA, 1 RB, 15 MHz, 0PSK)   LTE-FDD   5.73   ±9.8   10185   CAF   LTE-FDD   SC-FDMA, 1 RB, 15 MHz, 0PSK)   LTE-FDD   5.73   ±9.8   10185   CAF   LTE-FDD   SC-FDMA, 1 RB, 3 MHz, 0PSK)   LTE-FDD   5.73   ±9.8   10186   CAF   LTE-FDD   SC-FDMA, 1 RB, 3 MHz, 0PSK)   LTE-FDD   S.50   ±9.6   10186   CAF   LTE-FDD   SC-FDMA, 1 RB, 3 MHz, 0PSK)   LTE-FDD   S.50   ±9.6   10186   CAF   LTE-FDD   SC-FDMA, 1 RB, 3 MHz, 0PSK)   LTE-FDD   S.50   ±9.6   10186   CAF   LTE-FDD   SC-FDMA, 1 RB, 3 MHz, 0PSK)   LTE-FDD   S.50   ±9.6   10186   CAF   LTE-FDD   SC-FDMA, 1 RB, 1 CAMA   LTE-FDD   S.50   ±9.6   10186   CAF   LTE-FDD   SC-FDMA, 1 RB, 1 CAMA   LTE-FDD   S.50   ±9.6   10186   CAF   LTE-FDD   SC-FDMA, 1 RB, 1 CAMA   LTE-FDD   S.50   ±9.6   10186   CAD   LTE-FDD   SC-FDMA, 1 RB, 1 CAMA   LTE-FDD   S.50   ±9.6   10186	10189	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10172   CAH   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM)   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 26-QAM)   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 26-QAM)   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 18-QAM)   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 18-QAM)   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 18-QAM)   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 84-QAM)   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 84-QAM)   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM)   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 8-QAM)   LTE-FDD (SC-FDMA, 1 R	10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10173   CAH		AAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FOD	8,49	±9.6
10174   CAH		CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TOO	9,21	±9,6
10175   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0PSK)   LTE-FDD   5.72   49.6     10176   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-OAM)   LTE-FDD   5.73   49.8     10177   CAJ   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-OAM)   LTE-FDD   5.73   49.8     10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-OAM)   LTE-FDD   6.50   49.8     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)   LTE-FDD   6.50   49.8     10180   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)   LTE-FDD   6.50   49.8     10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)   LTE-FDD   6.50   49.8     10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-FDD   6.50   49.8     10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-FDD   6.50   49.6     10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-FDD   6.52   49.8     10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-FDD   6.50   49.6     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-FDD   6.51   49.8     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-OAM)   LTE-FDD   6.51   49.8     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-OAM)   LTE-FDD   6.50   49.6     10187   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.50   49.6     10188   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10199   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10191   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10199   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10199   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.52   49.6     10199   CAG   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 64-OAM)   LTE-FDD   6.50   49.8     10191   CAD   LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 1 RB-OAM)   LTE-FDD   6.50   49.8		_				
10176   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-OAM)   LTE-FDD   8.62   ±9.6   10177   CAJ   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0PSK)   LTE-FDD   5.73   ±9.8   10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 18-OAM)   LTE-FDD   8.52   ±9.6   10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)   LTE-FDD   6.50   ±9.6   10180   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 84-OAM)   LTE-FDD   6.50   ±9.8   10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-FDD   5.72   ±9.8   10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-OAM)   LTE-FDD   5.72   ±9.8   10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-OAM)   LTE-FDD   6.52   ±9.8   10183   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-FDD   6.52   ±9.8   10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-OAM)   LTE-FDD   5.73   ±9.8   10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-OAM)   LTE-FDD   6.51   ±9.8   10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-OAM)   LTE-FDD   6.51   ±9.8   10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-OAM)   LTE-FDD   6.50   ±9.6   10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, 64-OAM)   LTE-FDD   6.50   ±9.6   10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, 64-OAM)   LTE-FDD   6.52   ±9.6   10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, 64-OAM)   LTE-FDD   6.52   ±9.6   10183   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, 64-OAM)   LTE-FDD   6.52   ±9.6   10183   CAD   LEEE 802.11n (HT Greenfield, 85 Mbps, 8PSK)   WLAN   8.10   ±9.8   10194   CAD   LEEE 802.11n (HT Greenfield, 85 Mbps, 64-OAM)   WLAN   8.11   ±9.8   10195   CAD   LEEE 802.11n (HT Mixed, 65 Mbps, 8PSK)   WLAN   8.10   ±9.8   10196   CAD   LEEE 802.11n (HT Mixed, 65 Mbps, 8PSK)   WLAN   8.13   ±9.6   10220   CAD   LEEE 802.11n (HT Mixed, 43 Mbps, 16-OAM)   WLAN   8.13   ±9.8   10220   CAD   LEEE 802.11n (HT Mixed, 43 Mbps, 16-OAM)   WLAN   8.13   ±9.8   10220   CAD   LEEE 802.11n (HT Mixed, 43 Mbps, 16-OAM)   WLAN   8.13   ±9.8   10220   CAD   LEEE 802.11n (HT Mixed, 43 Mbps, 16-OAM)   WLAN   8.27   ±9.8   10222   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 86-OAM)   WLAN		-				
10177   CAJ   LTE-FDD (SC-FDMA, 1 RB, SMHz, 16-QAM)   LTE-FDD   S.73   ±9.8     10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-FDD   S.52   ±9.8     10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-FDD   S.50   ±9.8     10180   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 84-QAM)   LTE-FDD   S.50   ±9.8     10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-FDD   S.72   ±9.8     10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   LTE-FDD   S.72   ±9.8     10183   AAE   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   LTE-FDD   S.50   ±9.8     10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-FDD   S.73   ±9.8     10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-FDD   S.73   ±9.8     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-FDD   S.50   ±9.6     10187   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, QPSK)   LTE-FDD   S.50   ±9.6     10188   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, QPSK)   LTE-FDD   S.50   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, GPSK)   LTE-FDD   S.50   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, GPSK)   LTE-FDD   S.50   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, GPSK)   LTE-FDD   S.50   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1-4 MHz, GPSK)   LTE-FDD   S.50   ±9.6     10190   CAD   IEEE 802.11n (HT Greenlield, 39 Mbps, 16-QAM)   LTE-FDD   S.50   ±9.8     10191   CAD   IEEE 802.11n (HT Greenlield, S5 Mbps, GPSK)   WLAN   S.12   ±9.8     10195   CAD   IEEE 802.11n (HT Mixed, 6.5 Mbps, GPSK)   WLAN   S.10   ±9.8     10196   CAD   IEEE 802.11n (HT Mixed, 6.5 Mbps, GPSK)   WLAN   S.11   ±9.8     10197   CAD   IEEE 802.11n (HT Mixed, 6.5 Mbps, GPSK)   WLAN   S.27   ±9.8     10220   CAD   IEEE 802.11n (HT Mixed, 4.3 Mbps, 16-QAM)   WLAN   S.27   ±9.8     10221   CAD   IEEE 802.11n (HT Mixed, 4.3 Mbps, 16-QAM)   WLAN   S.27   ±9.8     10222   CAD   IEEE 802.11n (HT Mixed, 4.3 Mbps, 16-QAM)   WLAN   S.27   ±9.8     10222   CAD   IEEE 802.11n (HT Mixed, 50 Mbps, BPSK)   WLAN   S.27   ±9.8     10222   CAD   IEEE			,			
10178   CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-FDD   8.52   ±9.6     10179   CAH   LTE-FDD (SG-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-FDD   6.50   ±8.8     10180   CAH   LTE-FDD (SG-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-FDD   6.50   ±9.8     10181   CAF   LTE-FDD (SG-FDMA, 1 RB, 15 MHz, 04-QAM)   LTE-FDD   5.72   ±9.6     10182   CAF   LTE-FDD (SG-FDMA, 1 RB, 15 MHz, 18-QAM)   LTE-FDD   6.52   ±9.8     10183   AAE   LTE-FDD (SG-FDMA, 1 RB, 15 MHz, 0FSK)   LTE-FDD   6.52   ±9.8     10184   CAF   LTE-FDD (SG-FDMA, 1 RB, 3 MHz, 0FSK)   LTE-FDD   5.73   ±9.6     10185   CAF   LTE-FDD (SG-FDMA, 1 RB, 3 MHz, 0FSK)   LTE-FDD   5.73   ±9.8     10186   CAF   LTE-FDD (SG-FDMA, 1 RB, 3 MHz, 0FSK)   LTE-FDD   6.51   ±9.8     10186   CAF   LTE-FDD (SG-FDMA, 1 RB, 3 MHz, 0FSK)   LTE-FDD   6.50   ±9.6     10187   CAG   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   6.50   ±9.6     10188   CAG   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   6.52   ±9.6     10189   CAG   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   6.52   ±9.6     10189   CAG   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   6.52   ±9.6     10199   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   6.50   ±9.6     10199   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   6.50   ±9.6     10199   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   6.50   ±9.6     10199   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10199   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10199   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10199   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10191   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10192   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10193   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10194   CAD   LTE-FDD (SG-FDMA, 1 RB, 1.4 MHz, 0FSK)   LTE-FDD   0.50   ±9.6     10195   CAD   LTE-FDD (SG		_				
10179   CAH   LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-FDD   6.50   ±9.8     10180   CAH   LTE-FDD (SC-FDMA, 1 RB, 5MHz, 84-QAM)   LTE-FDD   6.50   ±9.8     10181   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-FDD   5.72   ±9.8     10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM)   LTE-FDD   6.52   ±9.8     10183   AAE   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM)   LTE-FDD   6.52   ±9.8     10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0-QAM)   LTE-FDD   6.50   ±9.6     10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0-QAM)   LTE-FDD   5.73   ±9.8     10186   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-FDD   6.51   ±9.8     10187   CAG   LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0-QAM)   LTE-FDD   6.50   ±9.6     10188   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0-QAM)   LTE-FDD   6.52   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0-QAM)   LTE-FDD   6.52   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM)   LTE-FDD   6.50   ±9.6     10193   CAD   LEEE 802.11n (HT Greenlield, 6.5 Mbps, 8PSK)   WLAN   8.09   ±9.8     10194   CAD   LEEE 802.11n (HT Greenlield, 6.5 Mbps, 64-QAM)   WLAN   8.12   ±9.8     10195   CAD   LEEE 802.11n (HT Mixed, 9.5 Mbps, 16-QAM)   WLAN   8.12   ±9.6     10198   CAD   LEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK)   WLAN   8.10   ±9.6     10199   CAD   LEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK)   WLAN   8.13   ±9.6     10219   CAD   LEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)   WLAN   8.13   ±9.6     10220   CAD   LEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)   WLAN   8.13   ±9.6     10221   CAD   LEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 7.2 Mbps, 84-QAM)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 7.2 Mbps, 84-QAM)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 9.0 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 9.0 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10223   CAD   LEEE						
10180 CAH   LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 84-QAM)   LTE-FDD   6.50   ±9.8     10181 CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-FDD   5.72   ±9.6     10182 CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 84-QAM)   LTE-FDD   6.52   ±9.8     10183 AAE   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 84-QAM)   LTE-FDD   8.50   ±9.8     10184 CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-FDD   5.73   ±9.8     10185 CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-FDD   6.51   ±9.8     10186 AAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.51   ±9.8     10187 CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)   LTE-FDD   6.50   ±9.6     10188 CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)   LTE-FDD   6.52   ±9.6     10189 AAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)   LTE-FDD   6.50   ±9.6     10180 CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)   LTE-FDD   6.50   ±9.6     10193 CAD   LEE 802.11n (HT Greenfield, 6.5 Mbps, 8PSK)   WLAN   8.09   ±9.8     10194 CAD   LEE 802.11n (HT Greenfield, 80 Mbps, 16-QAM)   WLAN   8.12   ±9.8     10195 CAD   LEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM)   WLAN   8.21   ±9.6     10198 CAD   LEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM)   WLAN   8.10   ±9.6     10198 CAD   LEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM)   WLAN   8.13   ±9.6     10219 CAD   LEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)   WLAN   8.03   ±9.6     10220 CAD   LEE 802.11n (HT Mixed, 72.2 Mbps, BPSK)   WLAN   8.13   ±9.6     10220 CAD   LEE 802.11n (HT Mixed, 72.2 Mbps, 8-QAM)   WLAN   8.27   ±9.8     10222 CAD   LEEE 802.11n (HT Mixed, 72.2 Mbps, 8-QAM)   WLAN   8.27   ±9.8     10222 CAD   LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10222 CAD   LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10222 CAD   LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10222 CAD   LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10222 CAD   LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223 CAD   LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   ±9			1 1 1	_		
10181 CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-FDD   5.72		_			-	$\overline{}$
10182   CAF   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM)   LTE-FDD   6.52   ±9.8     10183   AAE   LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-FDD   8.50   ±9.6     10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-FDD   5.73   ±9.8     10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-FDD   6.51   ±9.8     10186   AAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-FDD   6.51   ±9.6     10187   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)   LTE-FDD   6.73   ±9.6     10188   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)   LTE-FDD   6.52   ±9.6     10189   AAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)   LTE-FDD   6.52   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)   LTE-FDD   6.50   ±9.6     10193   CAD   LEEE 802.11n (HT Greenlield, 6.5 Mbps, 8PSK)   WLAN   8.09   ±9.8     10194   CAO   LEEE 802.11n (HT Greenlield, 39 Mbps, 16-QAM)   WLAN   8.12   ±9.8     10195   CAD   LEEE 802.11n (HT Greenlield, 6.5 Mbps, 64-QAM)   WLAN   8.21   ±9.6     10198   CAD   LEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)   WLAN   8.10   ±9.6     10199   CAD   LEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)   WLAN   8.13   ±9.6     10219   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10220   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.06   ±9.6     10221   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.07   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.13   ±9.6     10222   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.26   ±9.6     10223   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.48   ±9.8						
10183   AAE   LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)   LTE-FDD   8.50   ±9.6     10184   CAF   LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)   LTE-FDD   5.73   ±9.8     10185   CAF   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)   LTE-FDD   6.51   ±9.8     10186   AAF   LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)   LTE-FDD   6.50   ±9.6     10187   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)   LTE-FDD   6.73   ±9.6     10188   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)   LTE-FDD   6.52   ±9.6     10189   CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)   LTE-FDD   6.50   ±9.6     10183   CAD   LEEE 802.11n (HT Greenfield, 65-Mbps, 8PSK)   WLAN   8.19   ±9.8     10194   CAD   LEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)   WLAN   8.21   ±9.8     10195   CAD   LEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)   WLAN   8.21   ±9.6     10196   CAD   LEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)   WLAN   8.10   ±9.6     10197   CAD   LEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)   WLAN   8.13   ±9.6     1020   CAD   LEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)   WLAN   8.21   ±9.6     10219   CAD   LEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10220   CAD   LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.27   ±9.8     10221   CAD   LEEE 802.11n (HT Mixed, 54.QAM)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 84.QAM)   WLAN   8.27   ±9.8     10222   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 84.QAM)   WLAN   8.27   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 84.QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10223   CAD   LEEE 802.11n (HT Mixed, 50 Mbps, 16-QAM)   WLAN   8.48   ±9.8     10224   CAD   LEEE 802.11n (HT Mixed						
10184 CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-FDD   5.73   £9.6     10185 CAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-FDD   6.51   £9.8     10186 AAF   LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 84-QAM)   LTE-FDD   6.51   £9.6     10187 CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)   LTE-FDD   6.52   £9.6     10188 CAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)   LTE-FDD   6.52   £9.6     10189 AAG   LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM)   LTE-FDD   6.50   £9.6     10180 CAD   IEEE 802.11n (HT Greenfield, 6.5 Mbps, 8PSK)   WLAN   8.09   £9.6     10194 CAD   IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)   WLAN   8.12   £9.6     10195 CAD   IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)   WLAN   8.21   £9.6     10196 CAD   IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)   WLAN   8.10   £9.6     10197 CAD   IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)   WLAN   8.13   £9.6     1020 CAD   IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.27   £9.6     10219 CAD   IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.03   £9.6     10220 CAD   IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)   WLAN   8.13   £9.6     10222 CAD   IEEE 802.11n (HT Mixed, 16 Mbps, 8PSK)   WLAN   8.27   £9.8     10222 CAD   IEEE 802.11n (HT Mixed, 16 Mbps, 8PSK)   WLAN   8.27   £9.8     10222 CAD   IEEE 802.11n (HT Mixed, 16 Mbps, 8PSK)   WLAN   8.27   £9.8     10222 CAD   IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   £9.8     10223 CAD   IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   £9.8     10223 CAD   IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   £9.8     10223 CAD   IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)   WLAN   8.48   £9.8			1 1 1 1			
10 185         CAF         LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)         LTE-FDD         6.51         ±9.8           10 186         AAF         LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         LTE-FDD         8.50         ±9.6           10 187         CAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         LTE-FDD         5.73         ±9.6           10 188         CAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)         LTE-FDD         6.52         ±9.6           10 189         AAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)         LTE-FDD         6.50         ±9.6           10 180         CAD         LEEE 802.1 in (HT Greenfield, 6.5 Mbps, BPSK)         WLAN         8.09         ±9.6           10 194         CAD         LEEE 802.1 in (HT Greenfield, 39 Mbps, 16-QAM)         WLAN         8.12         ±9.8           10 195         CAD         LEEE 802.1 in (HT Mixed, 6.5 Mbps, 64-QAM)         WLAN         8.21         ±9.6           10 196         CAD         LEEE 802.1 in (HT Mixed, 6.5 Mbps, BPSK)         WLAN         8.10         ±9.6           10 197         CAD         LEEE 802.1 in (HT Mixed, 6.5 Mbps, BPSK)         WLAN         8.13         ±9.6           10 219         CAD         LEEE 802.1 in (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN		-				
10 186       AAF       LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)       LTE-FDD       8.50       ±9.6         10 187       CAG       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)       LTE-FDD       5.73       ±9.6         10 188       CAG       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)       LTE-FDD       6.52       ±9.6         10 189       AAG       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       LTE-FDD       6.50       ±9.6         10 193       CAD       IEEE 802.1 in (HT Greenfield, 6.5 Mbps, BPSK)       WLAN       8.09       ±9.6         10 194       CAD       IEEE 802.1 in (HT Greenfield, 39 Mbps, 16-QAM)       WLAN       8.12       ±9.8         10 195       CAD       IEEE 802.1 in (HT Mixed, 6.5 Mbps, BPSK)       WLAN       8.21       ±9.6         10 196       CAD       IEEE 802.1 in (HT Mixed, 6.5 Mbps, GA-QAM)       WLAN       8.10       ±9.6         10 197       CAD       IEEE 802.1 in (HT Mixed, 6.5 Mbps, GA-QAM)       WLAN       8.13       ±9.6         10 197       CAD       IEEE 802.1 in (HT Mixed, 6.5 Mbps, GA-QAM)       WLAN       8.27       ±9.8         10 219       CAD       IEEE 802.1 in (HT Mixed, 7.2 Mbps, BPSK)       WLAN       8.03       ±9.6         10 220       CAD       IEEE 802.1 in		_				$\overline{}$
10 187         CAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         LTE-FDD         5.73         ±9.6           10 188         CAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 18-QAM)         LTE-FDD         6.52         ±9.6           10 189         AAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)         LTE-FDD         6.50         ±9.6           10 183         CAD         IEEE 802.1 in (HT Greenfield, 6.5 Mbps, 8PSK)         WLAN         8.09         ±9.6           10 194         CAD         IEEE 802.1 in (HT Greenfield, 39 Mbps, 16-QAM)         WLAN         8.12         ±9.8           10 195         CAD         IEEE 802.1 in (HT Greenfield, 85 Mbps, 64-QAM)         WLAN         8.21         ±9.6           10 198         CAD         IEEE 802.1 in (HT Mixed, 6.5 Mbps, BPSK)         WLAN         8.10         ±9.6           10 199         CAD         IEEE 802.1 in (HT Mixed, 6.5 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10 197         CAD         IEEE 802.1 in (HT Mixed, 45 Mbps, 64-QAM)         WLAN         8.27         ±9.6           10 219         CAD         IEEE 802.1 in (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.03         ±9.6           10 220         CAD         IEEE 802.1 in (HT Mixed, 72.2 Mbps, 84-QAM)         WLAN <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10188         CAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 18-QAM)         LTE-FDD         6.52         ±9.6           10189         AAG         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)         LTE-FDD         6.50         ±9.6           10193         CAD         IEEE 802.11n (HT Greenlield, 6.5 Mbps, 8PSK)         WLAN         8.09         ±9.6           10194         CAD         IEEE 802.11n (HT Greenlield, 39 Mbps, 16-QAM)         WLAN         8.12         ±9.8           10195         CAD         IEEE 802.11n (HT Greenlield, 85 Mbps, 64-QAM)         WLAN         8.21         ±9.6           10198         CAD         IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)         WLAN         8.10         ±9.6           10197         CAD         IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10198         CAD         IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM)         WLAN         8.27         ±9.8           10290         CAD         IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)         WLAN         8.03         ±9.6           10220         CAD         IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10221         CAD         IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)         WLAN         8.27 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10 189 AAG       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       LTE-FDD       6.50       ±9.6         10 193 CAD       IEEE 802.11n (HT Greenlield, 6.5 Mbps, 8PSK)       WLAN       8.09       ±9.6         10 194 CAD       IEEE 802.11n (HT Greenlield, 39 Mbps, 16-QAM)       WLAN       8.12       ±9.8         10 195 CAD       IEEE 802.11n (HT Greenlield, 85 Mbps, 64-QAM)       WLAN       8.21       ±9.6         10 196 CAD       IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM)       WLAN       8.10       ±9.6         10 197 CAD       IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)       WLAN       8.13       ±9.6         10 198 CAD       IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)       WLAN       8.27       ±9.8         10 210 CAD       IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)       WLAN       8.03       ±9.6         10 220 CAD       IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)       WLAN       8.13       ±9.6         10 221 CAD       IEEE 802.11n (HT Mixed, 16 Mbps, 8PSK)       WLAN       8.27       ±9.8         10 222 CAD       IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)       WLAN       8.06       ±9.6         10 223 CAD       IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)       WLAN       8.48       ±9.8		_	1 1 1 1 1			
10 183       CAD       IEEE 802.11n (HT Greenlield, 6.5 Mbps, 8PSK)       WLAN       8.09       ±9.8         10 194       CAD       IEEE 802.11n (HT Greenlield, 39 Mbps, 16-QAM)       WLAN       8.12       ±9.8         10 195       CAD       IEEE 802.11n (HT Greenlield, 85 Mbps, 64-QAM)       WLAN       8.21       ±9.6         10 198       CAD       IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM)       WLAN       8.10       ±9.6         10 197       CAD       IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)       WLAN       8.13       ±9.6         10 198       CAD       IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)       WLAN       8.27       ±9.6         10 219       CAD       IEEE 802.11n (HT Mixed, 43.3 Mbps, 18-QAM)       WLAN       8.03       ±9.6         10 220       CAD       IEEE 802.11n (HT Mixed, 43.3 Mbps, 18-QAM)       WLAN       8.13       ±9.6         10 221       CAD       IEEE 802.11n (HT Mixed, 72.2 Mbps, 84-QAM)       WLAN       8.27       ±9.8         10 222       CAD       IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)       WLAN       8.06       ±9.6         10 223       CAD       IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)       WLAN       8.48       ±9.8						
10 194         CAD         IEEE 802.11n (HT Greenlield, 39 Mbps, 16-QAM)         WLAN         8.12         ±9.8           10 195         CAD         IEEE 802.11n (HT Greenlisk, 85 Mbps, 64-QAM)         WLAN         8.21         ±9.6           10 198         CAD         IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)         WLAN         8.10         ±9.6           10 197         CAD         IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10 198         CAD         IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)         WLAN         8.27         ±9.6           10 219         CAD         IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)         WLAN         8.03         ±9.6           10 220         CAD         IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10 221         CAD         IEEE 802.11n (HT Mixed, 72.2 Mbps, 84-QAM)         WLAN         8.27         ±9.8           10 222         CAD         IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)         WLAN         8.06         ±9.6           10 223         CAD         IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)         WLAN         8.48         ±9.8		-				
10 195         CAD         IEEE 802.11n (HT Greenlisk, 85 Mbps, 64-QAM)         WLAN         8.21         ±9.6           10 198         CAD         IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)         WLAN         8.10         ±9.6           10 197         CAD         IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10 198         CAD         IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)         WLAN         8.27         ±9.6           10 219         CAD         IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)         WLAN         8.03         ±9.6           10 220         CAD         IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10 221         CAD         IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)         WLAN         8.27         ±9.8           10 222         CAD         IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)         WLAN         8.06         ±9.6           10 223         CAD         IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)         WLAN         8.48         ±9.8						
10197         CAD         IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10198         CAD         IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)         WLAN         8.27         ±9.6           10219         CAD         IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)         WLAN         8.03         ±9.6           10220         CAD         IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10221         CAD         IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)         WLAN         8.27         ±9.8           10222         CAD         IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)         WLAN         8.06         ±9.6           10223         CAD         IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)         WLAN         8.48         ±9.8		CAD		WLAN	8.21	±9.6
10198         CAD         IEEE 802.11n (HT Mixed, 85Mbps, 64-QAM)         WLAN         8.27         ±9.6           10219         CAD         IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)         WLAN         8.03         ±9.6           10220         CAD         IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10221         CAD         IEEE 802.11n (HT Mixed, 72.2 Mbps, 84-QAM)         WLAN         8.27         ±9.8           10222         CAD         IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)         WLAN         8.06         ±9.6           10223         CAD         IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)         WLAN         8.48         ±9.8	10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10219         CAD         IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)         WLAN         8.03         ±9.6           10220         CAD         IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10221         CAD         IEEE 802.11n (HT Mixed, 72.2 Mbps, 84-QAM)         WLAN         8.27         ±9.8           10222         CAD         IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)         WLAN         8.06         ±9.6           10223         CAD         IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)         WLAN         8.48         ±9.8	10197	CAD	IEEE 802,11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10220         CAD         IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)         WLAN         8.13         ±9.6           10221         CAD         IEEE 802.11n (HT Mixed, 72.2 Mbps, 84-QAM)         WLAN         8.27         ±9.8           10222         CAD         IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)         WLAN         8.06         ±9.6           10223         CAD         IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)         WLAN         8.48         ±9.8	10198	CAD	IEEE 802.11n (HT Mixed, 85 Mbps, 64-QAM)	WLAN	8,27	±9.6
10221       CAD       IEEE 802.11n (HT Mixed, 72.2Mbps, 64-QAM)       WLAN       8.27       ±9.8         10222       CAD       IEEE 602.11n (HT Mixed, 16 Mbps, BPSK)       WLAN       8.06       ±9.6         10223       CAD       IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)       WLAN       8.48       ±9.8	10219	CAD	(EEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10222         CAD         IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)         WLAN         8.06         ±9.6           10223         CAD         IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)         WLAN         8.48         ±9.8	10220	CAD	(EEE 802,11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10223 CAD NEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.8	10221	CAD	IEEE 802.11π (HT Mixed, 72.2 Mbps, 64-QAM)			
	10222	CAD	IEEE 802,11n (HT Mixed, 16 Mbps, BPSK)	WLAN	8.06	±9.6
10224   CAD   IEEE 802.11n (HT Mixed, 150 Mbps, 64-OAM)   WLAN   8.08   ±9.8		ÇAD				
	10224	CAD	!EEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.8

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alu	Rev	Communication System Name	Assess .	NEG (JOS	u-Fi-A
10225	CAC	UMTS-FDD (HSPA+)	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 18-QAM)	LTE-TOD	5,97	±9.6
10227	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOD		±9.6
10228	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.8
10229	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD		±9.8
10230	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 84-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9,19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TOD		±9.6
10233	CAH	LTE-TDD (SC-FOMA, 1 RB, 5 MHz, 64-QAM)		9.48	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	10.25	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-DAM)	LTE-TOD	9.21	±9.6
10238	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	9.48	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10MHz, OPSK)	LTE-TOD	10.25	±9.6
10238	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TOD	9.21	19.6
10239	CAG	LTS-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOD	9,48	±9.6
10239	CAG			9.21	±9.6
10240	CAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-TDD		±9.6
10241	CAC		LTE-TDD	9.82	±9.6
	_	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAE	LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)	LTE-TOD	9.48	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TOD	10.06	±9.6
10248	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)		10.06	±9.6
10248	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOD	9.30	£9.6
10247	CAH	LTE-TDD (SC-FDMA, 60% RB, 5 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOD	9.91	±9.6
10248	CAH		LTE-TOD	10.09	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.29	±9,8
10250	CAH	LTE-TDD (SC-FOMA, 50% RB, 10 MH2, 64-QAM)	LTE-TOD	10.17	±9.8 ±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MH2, QPSK)	LTE-TOD	9.24	
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 18-QAM)	LTE-TOD	9.24	±9.6 ±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 60% RB, 15MHz, QPSK)	LTE-TOD	9.20	±9.6
10256	CAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.8
10258	CAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% AB, 17/MH2, 18-QAM)	LTE-TOO	9.98	±9,6
10280	CAE	LTE-TOD (SC-FDMA, 100% R8, 3 MHz, 64-QAM)	LTE-TDO	9.97	±9.8
10261	CAE	LTE-TDD (SC-FDMA, 100% R8, 3 MHz, QPSK)	LTE-TOD	9.24	±9.6
10262	CAH	LTE-TOD (SC-FDMA, 100% RB, 5 MHz, 18-QAM)	LTE-TOD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TOD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM)	LTE-TOD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD	9.30	±9.6
10288	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	±9.6
10269	CAG	LTE-TOD (SC-FDMA, 100% RB, (5 MHz, 84-QAM)	LTE-TOD	10.13	±9.6
10270	CAG	LTE-TDD (8C-FDMA, 100% RB, 15MHz, QPSK)	LTE-TOD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Ref8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.16	±9.6
10290	AAB	CDMA2000, RC1, S065, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2C00, RC3, SO55, Full Rate	CDMA2000	3.46	<b>±9.6</b>
10292	AAB	CDMA2000, RC3, SO32, Full Raie	CDMA2000	3.39	±9.8
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3,50	±9.6
10295	AAB	COMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12,49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FD0	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 18-QAM)	LTE-FOD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-F00	6.60	49.6
10301	AAA	IEEE 802,168 WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.8
10302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.5
10304	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 840AM, PUSC)	WiMAX	11.86	±9.6
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
10308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 84QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6
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10307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE B02.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 18QAM, AMC 2x3, 18 symbols)	WIMAX	14.5B	8.0±
10310	AAA	EEE 802.18e WIMAX (29:18, 10ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FD0	8.08	±9.8
10313	AAA	IDEN 1:3	IDEN	10.51	£9.6
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6
10315	AA8	IEEE 802.11b WiFT 2.4 GHz (OSSS, 1 Mbps, 98pc duty cycle)	WLAN	1.71	8.01
10316	AAB	IEEE 802.11g WiF) 2.4 GHz (ERP-OFDM, 6 Mbpe, 88pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WIFI 5 QHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Wavelorm (200Hz, 40%)	Generic	3.98	±9.6
10355	λλΑ	Pulsa Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.8
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.8
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.8
10398	AAA	64-QAM Waveform, 100 kHz	Generio	8.27	£9.6
10399	AAA	64-OAM Waveform, 40 MHz	Generic	8.27	±9.8
10400	AAE	IEEE 802.1 ac WIFI (20 MHz, 84-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WIFI (40 MHz, 84-QAM, 99 po duty cycle)	WLAN	9.60	±9.6
10402	AAE	IEEE 802.1 (so WIFI (80 MHz. 84-QAM, 99pc duty oycle)	WLAN	B.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.78	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3,77	±9.6
10408	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	£9.8
10410	AAH	LTE-TOD (SC-FDMA, 1 R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conl=4)	LTE-TOD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	1EEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.8
10417	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 8 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99po duty cycle, Long preambule)	WLAN	6.14	±9.8
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pg duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mops, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenileid, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenlield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.1 In (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802,11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.46	±9.6
10427	AAC	IEEE 802,11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 6 MHz, 8-TM 3.1)	LTE-FOD	8.28	±9.8
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FOD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 9.1)	LTE-FOD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9,8
10434	AAB	W-CDMA (BS Test Model 1, 84 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1. Clipping 44%)	LTE-FD0	7.56	±9.8
10448	AAE	LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)  LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	±9.6
10450	AAB	W-CDMA (8S Test Mode) 1, 64 DPCH, Ciloping 44%)	WCDMA	7.48	±9.6
10451	AAE	Validadian (Square, 10 ms, 1 ms)		10.00	±9.6
	AAC	Valioboth (Square, 10 ms, 1 ms) IEEE 802.11ac WiFi (160 MHz, 84-QAM, 99po duty cycle)	Test WLAN		±9.6
10456	AAC	UMTS-FDO (DC-HSDPA)	WCDMA	8.63 6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO) Rev. B, 2 carriers)	CDWAS000	6.55	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10461	AAC	LTE-TOD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM, UL Subhame=2,3,4,7,6,9)	LTE-TOD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subirame=2,3,4,7,6,9)	LTE-TOD	8.56	±9.6
10484	AAD	LYE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtame=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10468	AAD	LTE-TDD (SC-FDMA, 1 AB, 3 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8,57	±9.6
					±9.6
		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, OPSK, UL Subframe=2.3.4.7.9.9)	LTE-TOD	7.82	
10467	AAG	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)  LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-OAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82 8.32	
10467 10468	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10467 10468 10468	AAG AAG	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subírame=2,3,4,7,8,9) LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subírame=2,3,4,7,8,9)	LTE-TOD	8.32 8.56	±9.6 ±9.6
10467 10468	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6

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۵۱U	ABV	Communication System Name	Group	PAR (dB)	Uло <sup>€</sup> k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)	LTE-TDD	8.32	±9.8
10475	AAF	LTE-TDD (SC-FDMA, 1 R8, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.8
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10 480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FOMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,71	±9.6
10483	AAD	LTE-TDD (SC-PDMA, 50% RB, 3 MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.47	19.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subírame=2,3,4,7,8,9)	LTE-TDD	7.59	±9.8
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 84-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subkama=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,41	±9.6
10493	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,74	±9.6
10495	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8,37	±9.5
10498	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.8
10497	AAC	LTE-TDD (SC-FDMA, 100% R8, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.8
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TOD (SC-FDMA, 100% RB, 1,4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.87	±9.6
10601	AAD	LTE-TOD (SC-FOMA, 100% RB, 3 MHz, 18-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.52	±9.8
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TOO	7.72	±96
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TOO	8.31	±9.6
10505	AAG	LTE-TDD (SC-FOMA, 100% RB, 5 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10506	AAG	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10508	AAG	LTE-TOD (SC-FOMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subirame=2,3,4,7,8,9)	LTE-TOD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FOMA, 100% RB, 16 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	B.51	±9.8
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sublrame=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10513	AAG	LTE-TOO (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe +2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
10515	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1,58	±9.6
10516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 98pc duty cycle)	WLAN	1.58	±9.6
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10619	AAC	IEEE 802.11a/h WiF) 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8,39	3.82
10520	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.8
10522	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 38 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFOM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WIFI 5 QHz (OFDM, 54 Mbps, 99pc duly cycle)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11 ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	IEEE 802.11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WiFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WIFT (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	ISEE 802.11ac WIFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 99po duly cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WiFI (40 MHz, MCS0, 98pc duly cycle)	WLAN	8.45	±8.6
	AAC	IEEE 802.11ac WiFI (40 MHz, MCS1, 99pc duly cycle)	WLAN	8.45	±9.6
10535		LIEST COS (A CHIE) ((CALILLA LIGADA CALLA STATE CONT.)	WLAN	8.32	±9.6
10536	AAC	IEEE 802.11ac WIFi (40 MHz, MCS2, 99pc duty cycle)		30.02	
10536 10537	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10536	_	The state of the s			

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10541	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10541	AAC	IEEE 802.11ac WiFI (40 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC		WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFI (40 MHz, MCS9, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.65	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10546	AAC	IEEE 802.11 ac WiF1 (80 MHz, MCS1, 99pc duty cycle)	WLAN WLAN	8.55	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 98pc duty cycle)	WLAN	8.35	±9.6
10548	AAC	(EEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.49 8.37	±9.5
10550	AAC	IEEE 802.11ac WIFI (80 MHz, MC98, 99pc duty cycle)	WLAN	8.38	±9.8
10651	AAÇ	IEEE 802.11ac.WiFI (80 MHz, MCS7, 99pc.duty cycle)	WLAN	8,50	±9.6
10552	AAC	IEEE 802.11ac WiFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WIF1 (80 MHz, MCS9, 99pc duty cycle)	WLAN	8,45	
10554	AAD	1EEE 802.11ac WiFi (180 MHz, MCS9, 99pc duly cycle)	WLAN	8.46	±9.6
10555	AAD	1EEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.8
10556	AAD	IEEE 802.11ac WiFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.47	±9.6
10557	AAD	1EEE 802.11ac WiFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8,52	±9.6
10557	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	_	£9.8
10560	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.61 8.73	±9.8
10580	AAD	IEEE 802.11ac WFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 99pc duty cycle)	WLAN		±9.8
10563	AAD	IEEE 802.11ac WIFI (180 MHz, MCS9, 89pc duty cycle)	WLAN	8.69	±9.8 ±9.8
10564	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.77	±9.6
10565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duly cycle)	WLAN		
10566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 89pc duly cycle)	WLAN	8.45 8,13	±9.5
10567	AAA	IEEE 802.11g WIFT 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.00	£9.6
10568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duly cycle)	WLAN	8.37	£9.6
10569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 98pc duty cycle)	WLAN	8.10	£9.6 ±9.8
10570	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFI 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WIFI 2.4 GHz (DSS3, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFI 2.4 GHz (DSSS, 5.5 Mbps, 80pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFI 2.4 QHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duly cycle)	WLAN	8.59	±9.8
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 8 Mbps, 90po duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90po duty cycle)	WLAN	8.49	±9,6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 26 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8,35	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.8
10583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duly cycle)	WLAN	8.59	19.6
10584	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duly cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.8
10588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps, 90po duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.1(a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	6.76	±9.6
10589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pa duly cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duly cycle)	WLAN	6.63	±9.6
10682	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	6.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duly cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802-11n (HT Mixed, 20 MHz, MCS3, 90pc duly cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duly cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duly cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS8, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9,6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duly cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802,11n (HT Mixed, 40 MHz, MCS1, 90pc duly cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duly cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10803	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duly cycle)	WLAN	9.03	±9.8
	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10604		IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90po duty oycle)	WLAN	8,97	±9.6
10605	AAC			_	
10605 10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10605	_			8.82 8.64 8.77	±9.6 ±9.6

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106910   AAC   EEEE 802.11 to WFIF (20 MAT, MCSS, 190pc duty cycle)	UID	Rav	Communication System Name	Group	PAR (dB)	Unc $^{\Sigma} k = 2$
10610   ACC   EEE 802   11ae WHE  (20 MHz, MCSS, 90pc duly cycle)   WLAN   8.70   2.9.		15.511				
10612   AAC   EEE 80211as WHI (20 MHz, MCSS, 90pc duly cycle)   WLAN   8.70   2.9.						
106151 AAC   IEEE 802 11as WHF (20 MHz, MCSS, 90pc duty grole)						
10613   AAC   IEEE 802.11ac WiFi (20MHz, MCSS, 90c odly cycle)	1					
10615   AAC   IEEE 802.11ac WRF (20MH, MCS7, 90pc duty cycle)						49,8
19616   AAC   IEEE 802   Tax WIFF (40 MFz, MCSB, 800c duly cycle)		-				±9.6
10817   AAC   IEEE 802   11a WIFF (40 MHz, MC50, 90c duly cycle)	-					8,61
10819   AAC   IEEE 802   Tax Wiff (40 MHz, MCS1, 30pc duly cycle)   WLAN   8.55   39.     10819   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.56   39.     10820   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.87   29.     10820   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.87   29.     10821   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.77   29.     10822   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.77   29.     10823   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.89   29.     10824   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.90   29.     10825   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.90   29.     10826   AAC   IEEE 802   Tax Wiff (40 MHz, MCS3, 30pc duly cycle)   WLAN   8.90   29.     10827   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.90   29.     10828   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.89   29.     10829   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.89   29.     10829   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.89   29.     10829   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.89   29.     10831   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.89   29.     10833   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.81   29.     10833   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.81   29.     10833   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.81   29.     10833   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.81   29.     10833   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.81   29.     10833   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle)   WLAN   8.83   29.     10833   AAC   IEEE 802   Tax Wiff (20 MHz, MCS3, 30pc duly cycle		_				±9.6
10829   AAC   IEEE 802.11 at WIF1 (40 MHz, MCS3, 90pc duty cycle)   WLAN   8.87   2.9.	-	AAC		WLAN		±9.6
10829   AAC   IEEE 802.11 at WIF1 (40 MHz, MCS3, 90pc duty cycle)   WLAN   8.87   2.9.	10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10622   AAC   IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle)   WLAN   8.77   19-   10622   AAC   IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle)   WLAN   8.82   19-   10624   AAC   IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle)   WLAN   8.90   1.92   10624   AAC   IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle)   WLAN   8.90   1.92   10625   AAC   IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle)   WLAN   8.90   1.92   10626   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.83   1.93   10626   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.83   1.93   10626   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.83   1.93   10626   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.83   1.93   10626   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.71   1.93   10629   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.71   1.94   10629   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.72   1.94   10631   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.72   1.94   10631   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.72   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.74   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.83   1.94   10635   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle)   WLAN   8.80   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle)   WLAN   8.80   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle)   WLAN   8.80   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle)   WLAN   8.80   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle)   WLAN   8.80   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle)   WLAN   8.80   1.94   10633   AAC   IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle)   WLAN   8.80   1.94   10633   AAC   IEEE 802	10619	AAC		WLAN	8.86	±9.6
10622 AAC   EEE 802.11ac WIF (40 MHz, MCSS, 90pc duly cycle)	10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10626   AAC	10621	AAC	IEEE 802.11ac WiFI (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	£9 6
10625 AAC   IEEE 802.11ac WIF1 (80 MHz, MCS9, 90pc duly cycle)   WLAN   8.36   29.				WLAN	8.68	±9.6
10626 AAC   IEEE 602.11sc WIF (40 MHz, MCS9, 90pc duly cycle)   WLAN   8.36   3-9.   10627   AAC   IEEE 602.11sc WIF (80 MHz, MCS9, 90pc duly cycle)   WLAN   8.88   3-9.   10627   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.81   3-9.   10628   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.81   3-9.   10629   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.85   3-9.   10630   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.85   3-9.   10630   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.72   3-9.   10631   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.72   3-9.   10632   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.81   3-9.   10633   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.84   3-9.   10633   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.83   3-9.   10633   AAC   IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.83   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.83   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.81   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.81   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.83   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.83   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.83   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.83   3-9.   10633   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.85   3-9.   10634   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.86   3-9.   10634   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.86   3-9.   10634   AAC   IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle)   WLAN   8.86   3-9.   10634   AAC   IEEE 602.11sc WIF (1	=		IEEE 802.11 ac WIFI (40 MHz, MCS7, 90pc duty cycle)			±9.6
10922   AAC   IEEE 802.11sa WHF (80 MHz, MCS), 90pc duly cycle)   WLAN   8.84   3.9   10828   AAC   IEEE 802.11sa WHF (80 MHz, MCS), 90pc duly cycle)   WLAN   8.85   4.9   10828   AAC   IEEE 802.11sa WHF (80 MHz, MCS), 90pc duly cycle)   WLAN   8.71   2.9   WLAN   8.71   2.9   WLAN   8.71   2.9   WLAN   8.72   2.9   WLAN   8.74   2.9   WLAN   8.75   WLAN   9.75		_				±9.6
10629   AAC   IEEE 802.11ac WIFI (60 MHz, MCS1, 90pc duty cycle)   WLAN   8.88   4.9.     10629   AAC   IEEE 802.11ac WIFI (80 MHz, MCS2, 90pc duty cycle)   WLAN   8.85   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.85   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.81   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.81   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.81   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.81   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   4.9.     10630   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   4.9.     10630   AAC   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   4.9.     10630   AAC   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   4.9.     10630   AAC   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   4.9.     10630   AAC   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   4.9.     10630   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   4.9.     10630   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   4.9.     10630   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   4.9.     10630   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.85   4.9.     10630   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.85   4.9.     10640   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.85   4.9.     10641   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.85   4.9.     10642   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   4.9.     10643   AAD   IEEE 802.11ac WIFI (160 MHz, MCS3, 90p		_				±9.8
10829   AAC   IEEE 802.11ac WIFI (60 MHz, MCS2, 90pc duly cycle)   WLAN   8.85   29.   10829   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.85   29.   10830   AAC   IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duly cycle)   WLAN   8.72   29.   10831   AAC   IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle)   WLAN   8.74   49.   10831   AAC   IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle)   WLAN   8.74   49.   10833   AAC   IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle)   WLAN   8.74   49.   10833   AAC   IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle)   WLAN   8.83   29.   10833   AAC   IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duly cycle)   WLAN   8.80   29.   10834   AAC   IEEE 802.11ac WIFI (80 MHz, WCS8, 90pc duly cycle)   WLAN   8.83   29.   10833   AAC   IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duly cycle)   WLAN   8.83   29.   10833   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.83   29.   10836   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.83   29.   10836   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.83   29.   10836   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.83   29.   10836   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.85   49.   10839   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.86   49.   10839   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.86   49.   10844   AAD   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   8.86   49.   10844   AAD   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   9.06   49.   10844   AAD   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   9.06   49.   10844   AAD   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   9.06   49.   10844   AAD   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   9.06   49.   10844   AAD   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle)   WLAN   9.06   49.   10844   AAD   IEEE 802.11ac WI	$\overline{}$					±9,8
10830 AAC   IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.72   29.   10830 AAC   IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.73   29.   10832 AAC   IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.74   49.   10832 AAC   IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.74   49.   10832 AAC   IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   29.   10834 AAC   IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   19.   10835 AAC   IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)   WLAN   8.81   19.   10835 AAC   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.81   19.   10835 AAC   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.81   19.   10835 AAC   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.83   29.   10839 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.86   29.   10839 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.86   29.   10839 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.86   29.   10840 AAC   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.85   29.   10840 AAC   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   8.86   29.   10843 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   9.06   29.   10844 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   9.06   29.   10844 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   9.06   29.   10844 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   9.06   29.   10844 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   9.06   29.   10844 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   9.06   29.   10844 AAD   IEEE 802.11ac WiFi (180 MHz, MCS3, 90pc duty cycle)   WLAN   9.01   IEEE 70D   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11.96   11						±9.8
10830   AAC   IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)   WILAN   8.72   4.9     10831   AAC   IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)   WILAN   8.74   4.9     10833   AAC   IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)   WILAN   8.74   4.9     10833   AAC   IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)   WILAN   8.80   4.9     10834   AAC   IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)   WILAN   8.80   4.9     10835   AAC   IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duty cycle)   WILAN   8.80   4.9     10836   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duty cycle)   WILAN   8.81   4.9     10837   AAC   IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duty cycle)   WILAN   8.81   4.9     10838   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   8.83   4.9     10839   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   8.85   4.9     10839   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   8.85   4.9     10840   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   8.86   4.9     10842   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   8.96   4.9     10843   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   8.96   4.9     10844   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.06   4.9     10845   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.06   4.9     10846   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.06   4.9     10846   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.06   4.9     10846   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.06   4.9     10846   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.06   4.9     10846   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.06   4.9     10846   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WILAN   9.11   4.9     10847   AAC   IEEE 802.11ac WIFI (180 MHz, MCS9,						±9.5
10831   AAC						±9.6
10832   AAC						£9.6
10833   AAC		_				±9.6
10834   AAC	$\overline{}$			_		±9.6
10835   AAC		_				<del></del>
10636   AAD	_					
10837   AAD						8.64
10838   AAD	-	_				±9.6
10839   AAD						±9.6
10840   AAD     IEEE 802.11ac WIFI (180 MHz, MCS4, 90po duty cycle)   WLAN   8.98   £9.						±9.6
10841   AAD     IEEE 802.11ac WiFi (180 MHz, MCSS, 90pc duty cycle)   WLAN   9.06   ±9.						±9.6
10843   AAD	10641	AAD		WLAN	9.06	±9.6
10844   AAD   IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)   WLAN   9.05   ±9.	10642	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.06	±9.6
10645   AAD   IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)   WLAN   9.11   ±9.     10646   AAH   LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL, Subtrame=2,7)   LTE-TDD   11.96   ±9.     10647   AAG   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL, Subtrame=2,7)   LTE-TDD   11.96   ±9.     10648   AAA   CDMA2000 (1x Advanced)   CDMA2000   3.45   ±9.     10659   AAF   LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.91   ±9.     10650   AAF   LTE-TDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.42   ±9.     10651   AAF   LTE-TDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ±9.     10652   AAF   LTE-TDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ±9.     10653   AAF   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ±9.     10654   AAF   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ±9.     10655   AAF   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21   ±9.     10658   AAB   Pulse Waveform (200Hz, 10%)   Test   10.00   ±9.     10659   AAB   Pulse Waveform (200Hz, 20%)   Test   6.99   ±9.     10650   AAB   Pulse Waveform (200Hz, 60%)   Test   6.99   ±9.     10661   AAB   Pulse Waveform (200Hz, 60%)   Test   6.99   ±9.     10662   AAB   Pulse Waveform (200Hz, 60%)   Test   6.99   ±9.     10663   AAB   Pulse Waveform (200Hz, 60%)   Test   6.99   ±9.     10670   AAA   Bluetooth Low Energy   Bluetooth   2.19   ±9.     10670   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.74   ±9.     10673   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.74   ±9.     10676   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.74   ±9.     10677   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.78   ±9.     10680   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   ±9.     10681	10643	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	£9.8
10646	10644	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10647   AAG   LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe = 2,7)   LTE-TDD   11.86   ±9   10648   AAA   CDMA2000 (1x Advanced)   CDMA2000   3.45   ±9   10652   AAF   LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.91   ±9   10853   AAF   LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.42   ±8   10854   AAE   LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ±9   10855   AAF   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21   ±9   10858   AAB   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21   ±9   10858   AAB   Pulse Waveform (200Hz, 10%)   Test   10.00   ±9   10859   AAB   Pulse Waveform (200Hz, 20%)   Test   6.99   ±9   10850   AAB   Pulse Waveform (200Hz, 60%)   Test   3.98   ±8   10862   AAB   Pulse Waveform (200Hz, 80%)   Test   0.97   ±9   10870   AAA   Bluelooth Low Energy   Bluetooth   2.18   ±9   10871   AAC   IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)   WLAN   9.09   ±9   10873   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.78   ±9   10876   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.78   ±9   10876   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9   10876   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9   10877   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9   10878   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9   10878   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9   10878   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.73   ±9   10878   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.78   ±9   10878   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.78   ±9   10878   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.89   ±9   10880   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.89   ±9   10880   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   ±9   10880   AAC		AAD	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10648   AAA   CDMA2000 (1x Advanced)   CDMA2000   3.45   ±9     10652   AAF   LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.91   ±9     10653   AAF   LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.42   ±8     10654   AAE   LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.42   ±9     10655   AAF   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21   ±9     10658   AAB   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21   ±9     10658   AAB   Pulse Waveform (200Hz, 10%)   Test   10.00   ±9     10659   AAB   Pulse Waveform (200Hz, 20%)   Test   6.99   ±9     10650   AAB   Pulse Waveform (200Hz, 40%)   Test   3.98   ±9     10661   AAB   Pulse Waveform (200Hz, 40%)   Test   2.22   ±8     10662   AAB   Pulse Waveform (200Hz, 80%)   Test   0.97   ±9     10670   AAA   Bluetooth Low Energy   Bluetooth   2.19   ±9     10671   AAC   LEEE 802.11ax (20 MHz, MCS0, 80pc duty cycle)   WLAN   9.09   ±9     10672   AAC   LEEE 802.11ax (20 MHz, MCS1, 80pc duty cycle)   WLAN   8.75   ±9     10673   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.74   ±9     10676   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.74   ±9     10677   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.76   ±9     10676   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9     10677   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.79   ±9     10678   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.79   ±9     10679   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.79   ±9     10679   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.89   ±9     10679   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.89   ±9     10680   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   ±9     10680   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.80   ±9     10680   AAC   LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.82						±9.6
10652   AAF						±9.5
10 653   AAF						±9.6
10854   AAE   LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ±9     10865   AAF   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21   ±9     10858   AAB   Pulse Waveform (200Hz, 10%)   Test   10.00   ±9     10859   AAB   Pulse Waveform (200Hz, 20%)   Test   6.99   ±9     10850   AAB   Pulse Waveform (200Hz, 60%)   Test   3.98   ±9     10861   AAB   Pulse Waveform (200Hz, 60%)   Test   0.97   ±9     10862   AAB   Pulse Waveform (200Hz, 80%)   Test   0.97   ±9     10870   AAA   Bluetooth Low Energy   Bluetooth   2.18   ±9     10871   AAC   IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)   WLAN   9.09   ±9     10872   AAC   IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)   WLAN   8.78   ±9     10873   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.78   ±9     10876   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9     10876   AAC   IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9     10878   AAC   IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)   WLAN   8.77   ±9     10878   AAC   IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)   WLAN   8.73   ±9     10879   AAC   IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)   WLAN   8.78   ±9     10879   AAC   IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)   WLAN   8.80   ±9     10880   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.80   ±9     10881   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.80   ±9     10883   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.80   ±9     10883   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.80   ±9     10883   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.82   ±9     10883   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.82   ±9     10883   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.82   ±9     10883   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN   8.82   ±9     10883   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)   WLAN		_				±9.6
10865   AAF			, , , , , , , , , , , , , , , , , , ,			±9.6
10658 AAB   Pulse Waveform (200Hz, 10%)   Test   10.00   ±9		_				
10659   AAB   Pulse Waveform (200Hz, 20%)   Test   6.99   ±9     10650   AAB   Pulse Waveform (200Hz, 40%)   Test   3.98   ±9     10661   AAB   Pulse Waveform (200Hz, 60%)   Test   2.22   ±8     10662   AAB   Pulse Waveform (200Hz, 80%)   Test   0.97   ±9     10670   AAA   Bluelooth Low Energy   Bluelooth   2.19   ±9     10671   AAC   IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)   WLAN   9.09   ±9     10672   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)   WLAN   8.78   ±9     10673   AAC   IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)   WLAN   8.78   ±9     10674   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.74   ±9     10675   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.77   ±9     10676   AAC   IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)   WLAN   8.77   ±9     10677   AAC   IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)   WLAN   8.73   ±9     10678   AAC   IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)   WLAN   8.73   ±9     10679   AAC   IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)   WLAN   8.79   ±9     10680   AAC   IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)   WLAN   8.89   ±9     10681   AAC   IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)   WLAN   8.80   ±9     10682   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.80   ±9     10683   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.80   ±9     10683   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.83   ±9     10683   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.83   ±9     10683   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.83   ±9     10683   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.83   ±9     10683   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.83   ±9     10683   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.84   ±9     10684   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.84   ±9     10685   AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.8		_				
10650 AAB   Pulse Waveform (200Hz, 40%)   Test   3.98 ±8   10661 AAB   Pulse Waveform (200Hz, 60%)   Test   2.22 ±8   10662 AAB   Pulse Waveform (200Hz, 80%)   Test   0.97 ±9   10670 AAA   Bluetooth Low Energy   Bluetooth   2.19 ±9   10671 AAC   IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)   WLAN   9.09 ±9   10672 AAC   IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)   WLAN   8.78 ±9   10673 AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.78 ±9   10674 AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.74 ±9   10676 AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.79 ±9   10676 AAC   IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)   WLAN   8.77 ±9   10677 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.77 ±9   10677 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.79 ±9   10679 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.79 ±9   10689 AAC   IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)   WLAN   8.79 ±9   10689 AAC   IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)   WLAN   8.89 ±9   10680 AAC   IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)   WLAN   8.80 ±9   10680 AAC   IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)   WLAN   8.80 ±9   10680 AAC   IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)   WLAN   8.80 ±9   10680 AAC   IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)   WLAN   8.80 ±9   10682 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.80 ±9   10682 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.80 ±9   10682 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.80 ±9   10683 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.80 ±9   10683 AAC   IEEE 802.11ax (20MHz, MCS01, 90pc duty cycle)   WLAN   8.80 ±9   10683 AAC   IEEE 802.11ax (20MHz, MCS01, 90pc duty cycle)   WLAN   8.80 ±9   10683 AAC   IEEE 802.11ax (20MHz, MCS01, 90pc duty cycle)   WLAN   8.82 ±9   10683 AAC   IEEE 802.11ax (20MHz, MCS01, 90pc duty cycle)   WLAN   8.42 ±9   10683 AAC   IEEE 802.11ax (20MHz, MCS01, 90pc duty cyc						±9.6
10661 AAB   Pulse Waveform (200Hz, 60%)   Test   2.22 ±8     10662 AAB   Pulse Waveform (200Hz, 80%)   Test   0.97 ±9     10670 AAA   Bluetooth Low Energy   Bluetooth   2.19 ±9     10671 AAC   IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)   WLAN   9.09 ±9     10672 AAC   IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)   WLAN   8.78 ±9     10673 AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.78 ±9     10674 AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.74 ±9     10675 AAC   IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)   WLAN   8.90 ±9     10878 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.77 ±9     10677 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.73 ±9     10679 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.79 ±9     10679 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.79 ±9     10680 AAC   IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)   WLAN   8.89 ±9     10681 AAC   IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)   WLAN   8.80 ±9     10682 AAC   IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)   WLAN   8.80 ±9     10683 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.83 ±9     10683 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.83 ±9     10683 AAC   IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)   WLAN   8.83 ±9     10683 AAC   IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)   WLAN   8.83 ±9     10684 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.84 ±9     10685 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.85 ±9     10686 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.85 ±9     10686 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.84 ±9     10686 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.84 ±9     10686 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.84 ±9     10686 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   WLAN   8.44 ±9     10686 AAC   IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)						±9.6
10662 AAB						±9.6
10670   AAA   Blustooth Low Energy   Blustooth   2.19   ±9		_				±9.6
10671         AAC         IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)         WLAN         9.09         ±9           10672         AAC         IEEE 802.11ax (20 MHz, MCS1, 80pc duty cycle)         WLAN         6.57         ±9           10673         AAC         IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)         WLAN         8.78         ±9           10674         AAC         IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)         WLAN         8.74         ±9           10675         AAC         IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)         WLAN         8.77         ±9           10676         AAC         IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)         WLAN         8.77         ±9           10677         AAC         IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)         WLAN         8.73         ±9           10678         AAC         IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)         WLAN         8.73         ±9           10679         AAC         IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)         WLAN         8.89         ±9           10679         AAC         IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)         WLAN         8.89         ±9           10680         AAC         IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         WLAN		_				±9.6
10672       AAC       IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)       WLAN       6.57       ±9         10673       AAC       IEEE 902.11ax (20 MHz, MCS2, 90pc duty cycle)       WLAN       8.78       ±9         10674       AAC       IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)       WLAN       8.74       ±9         10675       AAC       IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)       WLAN       6.80       ±9         10878       AAC       IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)       WLAN       8.77       ±9         10677       AAC       IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)       WLAN       8.73       ±9         10678       AAC       IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)       WLAN       6.78       ±9         10679       AAC       IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)       WLAN       8.89       ±9         10679       AAC       IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)       WLAN       8.89       ±9         10680       AAC       IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)       WLAN       8.80       ±9         10681       AAC       IEEE 802.11ax (20 MHz, MCS11, 80pc duty cycle)       WLAN       8.82       ±9         10682       AAC       IEEE 802.11ax						±9.6
10673         AAC         IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)         WLAN         8.78         ±9           10674         AAC         IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)         WLAN         8.74         ±9           10676         AAC         IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)         WLAN         6.80         ±9           10878         AAC         IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)         WLAN         8.73         ±9           10677         AAC         IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)         WLAN         8.73         ±9           10678         AAC         IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)         WLAN         6.78         ±9           10680         AAC         IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)         WLAN         8.89         ±9           10681         AAC         IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         WLAN         8.60         ±9           10682         AAC         IEEE 802.11ax (20 MHz, MCS11, 80pc duty cycle)         WLAN         8.83         ±9           10683         AAC         IEEE 802.11ax (20 MHz, MCS11, 80pc duty cycle)         WLAN         8.83         ±9           10683         AAC         IEEE 802.11ax (20 MHz, MCS11, 80pc duty cycle)         WLAN		AAC				±9.6
10676         AAC         IEEE 802.11ax (20 MHz, MCS4, 90po duty cycle)         WLAN         6.90         ±9           10878         AAC         IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)         WLAN         8.77         ±9           10677         AAC         IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)         WLAN         6.73         ±9           10678         AAC         IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)         WLAN         6.78         ±9           10679         AAC         IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)         WLAN         8.89         ±9           10680         AAC         IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)         WLAN         8.80         ±9           10681         AAC         IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         WLAN         8.62         ±9           10682         AAC         IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)         WLAN         8.83         ±9           10683         AAC         IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)         WLAN         8.42         ±9	10679	AAC		WLAN	8.78	±9.6
10878         AAC         IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)         WLAN         8.77         ±9           10677         AAC         IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)         WLAN         8.73         ±9           10678         AAC         IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)         WLAN         6.78         ±9           10679         AAC         IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)         WLAN         8.89         ±9           10680         AAC         IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)         WLAN         8.80         ±9           10681         AAC         IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         WLAN         8.62         ±9           10682         AAC         IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)         WLAN         9.83         ±9           10683         AAC         IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)         WLAN         8.42         ±9	10674	AAC			8.74	±9.6
10677         AAC         IEEE 802.11ax (20 MHz, MC\$6, 90pc duty cyclo)         WLAN         8.73         ±9           10678         AAC         IEEE 802.11ax (20 MHz, MC\$7, 90pc duty cycle)         WLAN         6.78         ±9           10679         AAC         IEEE 802.11ax (20 MHz, MC\$8, 90pc duty cycle)         WLAN         8.89         ±9           10680         AAC         IEEE 802.11ax (20 MHz, MC\$9, 90pc duty cycle)         WLAN         8.80         ±9           10681         AAC         IEEE 802.11ax (20 MHz, MC\$10, 90pc duty cycle)         WLAN         8.62         ±9           10682         AAC         IEEE 802.11ax (20 MHz, MC\$11, 90pc duty cycle)         WLAN         8.83         ±9           10683         AAC         IEEE 802.11ax (20 MHz, MC\$0, 99pc duty cycle)         WLAN         8.42         ±9					6.80	±9.8
10678   AAC   IEEE 802.11ax (20 MHz, MCS7, 90pc duly cycle)   WLAN   6.78   ±9   10679   AAC   IEEE 802.11ax (20 MHz, MCS8, 90pc duly cycle)   WLAN   8.89   ±9   10680   AAC   IEEE 802.11ax (20 MHz, MCS9, 90pc duly cycle)   WLAN   8.80   ±9   10681   AAC   IEEE 802.11ax (20 MHz, MCS10, 90pc duly cycle)   WLAN   8.62   ±9   10682   AAC   IEEE 802.11ax (20 MHz, MCS11, 90pc duly cycle)   WLAN   8.83   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS11, 90pc duly cycle)   WLAN   8.842   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)   WLAN   8.42   ±9   10683   AAC   I						±9.6
10679         AAC         IEEE 802.11ax (20 MHz, MCS8, 90pc duly cycle)         WLAN         8.89         ±9           10680         AAC         IEEE 802.11ax (20 MHz, MCS9, 90pc duly cycle)         WLAN         8.80         ±9           10681         AAC         IEEE 802.11ax (20 MHz, MCS10, 90pc duly cycle)         WLAN         8.62         ±9           10682         AAC         IEEE 802.11ax (20 MHz, MCS11, 90pc duly cycle)         WLAN         8.83         ±9           10683         AAC         IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle)         WLAN         8.42         ±9		_				±9.8
10680         AAC         IEEE 802.11 ax (20 MHz, MCS9, 90pc duty cycle)         WLAN         8.80         ±9           10681         AAC         IEEE 802.11 ax (20 MHz, MCS10, 90pc duty cycle)         WLAN         8.62         ±9           10682         AAC         IEEE 802.11 ax (20 MHz, MCS11, 90pc duty cycle)         WLAN         8.83         ±9           10683         AAC         IEEE 802.11 ax (20 MHz, MCS0, 99pc duty cycle)         WLAN         8.42         ±9						±9.6
10881 AAC         IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         WLAN         8.62         ±9           10682 AAC         IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)         WLAN         8.83         ±9           10683 AAC         IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)         WLAN         8.42         ±9		_				±9.6
10682         AAC         IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)         WLAN         8.83         ±9           10683         AAC         IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)         WLAN         8.42         ±9		_			_	19.8
10683 AAC IEEE 802.11ax (20MHz, MCS0, 99pc duly cyole) WLAN 8.42 ±9						±9.6
		_				±9.6
T TUBON T AND THESE BUZ. (TRX IZUMITZ, INC.S.), SHOO OBIV EVOID VERY VERY VERY VERY VERY VERY VERY VERY						±9.6
					_	±9.6
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UID	Rev	Communication System Name	Cuolin	TAR (40)	Heek to a
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	Group WLAN	PAR (dB)	Unc <sup>±</sup> k = 2
10688	AAC	IEEE 802.11ex (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.45	29.6 ±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS8, 980c duty cycle)	WLAN	8.55	£9.6
10690	AAC	IEEE 802.11ax (20 MHz, MGS7, 99pc duty cycle)	WLAN	8.29	±9.6
10891	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	19.6
10692	AAC	IEEE 802.11ax (20 MHz, MGS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 89pc duty cycle)	WLAN	8.25	
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.8 ±9.8
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10896	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	
10697	AAC	IEEE 802,11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6 ±9.8
10898	AAC	IEEE 802.)1ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	£9.6
10699	AAC	IEEE 802.11ex (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 80pc duly cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 80pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duly cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.8
10704	AAC	PEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8,89	±9.5
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 98pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duly cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duly cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99po duty cycle)	WLAN	8.67	±9.8
10713	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.33	±9.8
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10716	AAC	(EEE 802.11ax (40 MHz, MCS8, 99po duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, S9pc duty cycle)	WLAN	6.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ex (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.8
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90oc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.8
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.56	±9,6
10723	AAC	1EEE 802.11ax (80 MHz, MC54, 90pc duty cycle)	WLAN	8.70	±9.8
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.74	±9.8
10726	AAC	IEEE 802.11ex (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.8
10727	AAC	(EEE 802,11ax (60 MHz, MCS8, 90pc duty cycle)	WLAN	8.86	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	ΛAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAÇ	IEEE 802.11ax (80 MHz, MCS1, 99pc duly cycle)	WLAN	8.48	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.8
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.8
10736	AAC	IEEE 802.11ax (80 MHz, MCS4, 99cc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11 ax (80 MHz, MCS7, 99pp duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802,11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99po duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8,49	±9.6
10743	AAC	IEEE 802.11ax (180 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty oycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9,11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (180 MHz, MCS5, 90pc duty oyole)	WLAN	8.93	±9.8
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8,90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, S0pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9,6
10752	AAC	(EEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9,6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	Group WLAN	9.00	
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.84	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.8
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.8
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.59	±9.6
10759	AAC	(EEE 802.11ax (160 MHz, MCS4, 98pc duly cycle)	WLAN	8.58	19.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99po duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ex (160 MHz, MCS8, 98pc duly cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802,11ax (180 MHz, MCS9, 99pc duly cycle)	WLAN	6.54	£9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.8
10766	AAC	IEEE 802.11ax (180 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	8.8±
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 16 kHz)	5G NR FR1 TOD	7.99	±9.6
10768	AAD	SG NR (CP-OFDM, 1 RB, 10MHz, QPSK, 15 kHz)	5G NR FRI TOO	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15 kHz)	5G NR FR1 TOO	8.01	±9.6
10770	DAA	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	50 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	OAA	6G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	69 NR FR1 TDD	8.02	±9.8
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,31	-±9.6
1D776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 16 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	59 NR (CP-OFDM, 60% RB, 15 MHz, QPSK, 15 kHz)	56 NR FR1 TD0	8.30	£9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10778	AAC	5G NA (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FA1 TOD	8.42	±9.8
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.38	±9.6
10781	AAD	5Q NA (CP-OFDM, 50% R8, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 60% RB, 50 MHz, QPSK, 15 kHz)	6G NR FR1 TOD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TOO	8.31	±9.6
10784	DAA	6G NR (CP-QFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	50 NR FRI TOD	B.29	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.40 8.35	±9.6 ±9.6
10787	AAD	5Q NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	5G NR FRI TOD	8.44	±9.8
10788	AAD	5Q NR (CP-OFDM, 100% RB, 25 WHz, QPSK, 15 KHz)	5G NR FRI TOD	8.39	±9.6
10789	AAD	6G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	6.37	±9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.5
10792	AAD	5G NR (CP-OFDM, 1 R8, 10 MHz, QPSK, 30 kHz)	6G NR FR1 TDD	7.92	±9.8
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	50 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TOO	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QP6K, 30 kHz)	50 NR FR1 TDD	8.01	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.89	±9.6
10799	AAD	50 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAD	6G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7.93	±9.6
10805	AAO	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8,34	±9.6
10806	AAD	5G NR (CP-OFOM, 50% RB, 16 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.37	±9.6
10809	DAA	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.8
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOD	6.35	±9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.35	±9.8
10818	AAD	SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.33	±9.6 ±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)	6G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)	5G NA FRI TOD	8.41 8.41	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	6G NR FR1 TOD	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	50 NR FRI TOD	8.39	±9.6
10825	AAD	6G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.41	±9.6
10827	AAD	SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.42	±9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.43	±9.6
		1		1 31,10	40.0

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1825  AND   20 AP (CP-OPEN, 1905, RB) (SAMP), CPSK, 60 WH)   SO MR FRI TOD   7.75   1.96	מוני	Rev	Communication System Name	Group	PAR (dB)	Unc E k = 2
1885  AAD   50 MR (CP-OFDM, 1 RB, 15MHC, OPEK, 60 Mth)   50 MR FRI TOD   7.73   ±9.6   10832   AAD   50 MR (CP-OFDM, 1 RB, 15MHC, OPEK, 60 Mth)   50 MR FRI TOD   7.74   ±9.6   10832   AAD   50 MR (CP-OFDM, 1 RB, 20 MthC, OPEK, 60 Mth)   50 MR FRI TOD   7.75   ±9.6   10832   AAD   50 MR (CP-OFDM, 1 RB, 20 MthC, OPEK, 60 Mth)   50 MR FRI TOD   7.76   ±9.6   10835   AAD   50 MR (CP-OFDM, 1 RB, 20 MthC, OPEK, 60 Mth)   50 MR FRI TOD   7.75   ±9.6   10835   AAD   50 MR (CP-OFDM, 1 RB, 50 MthC, OPEK, 60 Mth)   50 MR FRI TOD   7.75   ±9.6   10835   AAD   50 MR (CP-OFDM, 1 RB, 50 MthC, OPEK, 60 Mth)   50 MR FRI TOD   7.76   ±9.6   ±9.6   10835   AAD   50 MR (CP-OFDM, 1 RB, 50 MthC, OPEK, 60 Mth)   50 MR FRI TOD   7.76   ±9.6   ±9.6   10835   AAD   50 MR (CP-OFDM, 1 RB, 50 MthC, OPEK, 60 Mth)   50 MR FRI TOD   7.76   ±9.6	$\overline{}$	_				
1893  AAD   SO NR (CP-OFDM, 1 RR, 2 SMM2, CPSK, 50 WH2)   SO NR FRI TOD   7.74   ±9.6		_				
19083  AAD   SO ART (CPOPOM, 1 RR, 20MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.70   ±9.6   19083  AAD   SO ART (CPOPOM, 1 RR, 20MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.70   ±9.6   19083  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.70   ±9.6   19083  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.70   ±9.6   19083  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.76   ±9.6   19083  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.88   ±9.6   19083  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.70   ±9.6   19083  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.70   ±9.6   19084  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.70   ±9.6   19084  AAD   SO ART (CPOPOM, 1 RR, 50 MHz, OPEK, 60 MHz)   SO NR FRI TOD   7.71   ±9.6   19084  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   7.71   ±9.6   19084  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.71   ±9.6   19084  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19084  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO ART (CPOPOM, 50 KR, 81, 1 MHz, 1 CPOK, 60 MHz)   SO NR FRI TOD   5.34   ±9.6   19085  AAD   SO	-	_	, , , , , , , , , , , , , , , , , , , ,			
1985   ADC   SON RIC POPPOM, 183, 208Hz, CPSK, 60 Hz)						
18985 AND SON NICCO-POPOL. 183, 30HHz, CPSK, 60 Hz)   SON NIFRI TOD 7.75   2.9.8	_	-	· · · ·			
10885 AD   SG NR (CP-OPEN, IR 8, SOME, OPEN, SOME)   SO NR FRI TOD   7-70   £9.8   £						
1988   ADD   SG NR (CP-OPOM, 1 R8, 50 MHz, CPSK, 60 MHz)   SG NR FRI TIDD   7.68   #9.6		AAD	·		7.70	
1889   AD   SON RICP-OFDM, 189, SMAPL, OPSK, 60 M41   SON RIPH TOD   7.70   19.8	=	DAA			7,68	±9.6
1984   AAD   SO NR (CP-OFDM, 1 RB, 1984)   SO NR PR 1 TOD   7.67   19.6	10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	50 NR FR1 TOD	7.68	±9.6
1984   AAD SON RICE-OFFINA, 188, 1904Hz, OPSK, 50 MHz  SON REPLICED 7,71   ±9.5   1984   AAD SON RICE-OFFINA, 59% RB, 1984   CONTROL 1984   AAD SON RICE-OFFINA, 59% RB, 20 MHz, OPSK, 60 MHz  SON REPLICED 8,44   ±9.6   19.8   19.8   19.8   50 NR FRI TOD 8,34   ±9.6   19.8	10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 80 kHz)	5G NR FRI TDD	7.70	±9.8
19844   ADS   SN N (PCP-OFDM, 59% RS, 18MHz, OPSK, 50 MHz)	10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 80 kHz)	5G NR FR1 TOO	7.67	±9.6
1984   AAD   SO NR (CP-CPOM, 59% R) 20MHz, CPSK, 69 MHz    SO NR FRI TOD   8.41   19.8   1985   AAD   SO NR (CP-CPOM, 100% RP, 00MHz, CPSK, 69 MHz)   SO NR FRI TOD   8.41   19.8   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 00MHz, CPSK, 69 MHz)   SO NR FRI TOD   8.34   19.8   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 00MHz, CPSK, 69 MHz)   SO NR FRI TOD   8.39   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 80 MHz, CPSK, 69 MHz)   SO NR FRI TOD   8.39   19.8   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 80 MHz, CPSK, 69 MHz)   SO NR FRI TOD   8.37   19.8   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 80 MHz, CPSK, 69 MHz)   SO NR FRI TOD   8.37   19.8   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 80 MHz, CPSK, 60 MHz)   SO NR FRI TOD   8.32   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 80 MHz, CPSK, 60 MHz)   SO NR FRI TOD   8.32   19.8   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 60 MHz, CPSK, 60 MHz)   SO NR FRI TOD   8.41   19.8   19.8   AAD   SO NR (CP-CPOM, 100% RP, 60 MHz, CPSK, 60 MHz)   SO NR (CPC-CPOM, 100% RP, 60 MHz, CPSK, 60 MHz	10841	AAD	5G NR (CP-OFDM, 1 R8, 100 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.71	±9.6
1986   AAD   SOLRI (CP-OPEN), 59% RB, 30MHZ, OPSK, 60 MHz)	10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.49	±9.6
10855   AAD   50 NR (CP-OPEN), 100% RB, 10MHz, OPSK, 50 NHz)	10844	CAA	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.34	±9.6
10855   AAD   50 AR (CP-OPEN), 100% AR 9, 15MHz, OPSK, 50 MHz    50 AR PRI TOD   8.37	10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	6G NR FR1 TOD	8.41	±9.8
10855   AAD   60 NR (PC-PCPM, 100% RB, 20MHz, CPSK, 60 NHz)   50 NR FRI TDD   8.37   4.9.8		DAA	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)			
10855   AAD   60 NR (CP-OFOM, 100% RB, 25MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.35   4.9.8     10859   AAO   56 NR (CP-OFOM, 100% RB, 50 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.34   49.6     10859   AAO   56 NR (CP-OFOM, 100% RB, 50 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.34   49.6     10859   AAO   56 NR (CP-OFOM, 100% RB, 50 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.34   49.6     10851   AAD   56 NR (CP-OFOM, 100% RB, 50 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.41   49.6     10852   AAD   56 NR (CP-OFOM, 100% RB, 50 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.41   49.6     10853   AAD   56 NR (CP-OFOM, 100% RB, 50 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.41   49.6     10854   AAD   56 NR (CP-OFOM, 100% RB, 50 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.41   49.6     10855   AAD   56 NR (CP-OFOM, 100% RB, 100 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.41   49.6     10855   AAD   56 NR (CP-OFOM, 100% RB, 100 MHz, OFSK, 60 MHz)   SO NR FRI TOD   8.41   49.6     10856   AAD   56 NR (OFFT-OFOM, 100% RB, 100 MHz, OFSK, 60 MHz)   SO NR FRI TOD   5.88   49.8     10858   AAD   56 NR (OFFT-OFOM, 100% RB, 100 MHz, OFSK, 80 MHz)   SO NR FRI TOD   5.80   49.8     10859   AAE   50 NR (OFFT-OFOM, 100% RB, 100 MHz, OFSK, 120 MHz)   SO NR FRI TOD   5.89   49.8     10870   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, OFSK, 120 MHz)   SO NR FRI TOD   5.76   49.8     10871   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, 105 MHz, 100 MHz)   SO NR FRI TOD   5.76   49.8     10872   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, 105 MHz, 105 MHz)   SO NR FRI TOD   5.75   49.8     10873   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, 105 MHz, 105 MHz)   SO NR FRI TOD   5.75   49.8     10873   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, 105 MHz, 105 MHz)   SO NR FRI TOD   5.75   49.8     10873   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, 105 MHz)   SO NR FRI TOD   5.75   49.8     10873   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, 105 MHz)   SO NR FRI TOD   5.75   49.8     10873   AAE   56 NR (OFFT-OFOM, 100% RB, 100 MHz, 105 MHz)   SO NR FRI TOD   5.85   49.8     10873   AAE		_	SG NR (CP-OFOM, 100% RB, 15 MHz, QPSK, 80 kHz)			
10358 AAD   5G NR (CP-CPCM, 100% RB, 30 MHz, CPSK, 60 MHz)   5G NR FRI TOD   8.36   19.6				-		
10850   AAO   SG NR (CP-GFDM, 100% RB, 40MHz, GPSK, 60 MHz)   SG NR FRI TOD   8.41   19.6						
1986   AAD   SG NR (CP-OFDM, 100% R8, 50MHz, CPSK, 60 WHz)   SG NR FRI TOD   8.41   49.6   29.8   1986   AAD   SG NR (CP-OFDM, 100% R8, 60MHz, CPSK, 60 WHz)   SG NR FRI TOD   8.40   29.8   1988   AAD   SG NR (CP-OFDM, 100% R8, 80MHz, CPSK, 60 WHz)   SG NR FRI TOD   8.41   49.6   29.8   1988   AAD   SG NR (CP-OFDM, 100% R8, 80MHz, CPSK, 60 WHz)   SG NR FRI TOD   8.41   49.6   29.8   1988   AAD   SG NR (CP-OFDM, 100% R8, 80MHz, CPSK, 60 WHz)   SG NR FRI TOD   8.41   49.6   1988   AAD   SG NR (CP-OFDM, 100% R8, 100MHz, CPSK, 60 WHz)   SG NR FRI TOD   5.68   49.6   1988   AAD   SG NR (CPT-OFDM, 100% R8, 100MHz, CPSK, 30 WHz)   SG NR FRI TOD   5.68   49.6   1988   AAD   SG NR (CPT-OFDM, 100% R8, 100MHz, CPSK, 120 WHz)   SG NR FRI TOD   5.68   49.6   1988   AAD   SG NR (CPT-OFDM, 100% R8, 100MHz, CPSK, 120 WHz)   SG NR FRI TOD   5.68   49.6   1987   AAE   SG NR (CPT-OFDM, 105 R8, 100MHz, CPSK, 120 WHz)   SG NR FRI TOD   5.75   49.8   1987   AAE   SG NR (CPT-OFDM, 105 R8, 100MHz, 100MHz, 100MHz)   SG NR FRI TOD   5.75   49.8   1987   AAE   SG NR (CPT-OFDM, 108 R8, 100MHz, 100MHz, 100MHz)   SG NR FRI TOD   5.75   49.6   1987   AAE   SG NR (CPT-OFDM, 108 R8, 100MHz, 100MHz, 100MHz, 100MHz)   SG NR FRI TOD   5.75   49.6   1987   AAE   SG NR (CPT-OFDM, 118, 100MHz, 1		_		-		
1985   AAD   SG NR (CP-OFDM, 100% R8, 60MHz, CPSK, 60 Mtz)   SG NR FRI TOD   8.40   ±9.8					-	
1985   AAD   50 NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 80 WHz)   SG NR FRI TOD   8.41   29.8						
10885   AAD   SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 80 MHz)   SG NR FRI TDD   8.97   49.6     10885   AAD   SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 80 MHz)   SG NR FRI TDD   8.41   49.8     10888   AAD   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, QPSK, 30 MHz)   SG NR FRI TDD   S.88   49.8     10889   AAC   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, QPSK, 30 MHz)   SG NR FRI TDD   S.89   49.8     10899   AAC   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, QPSK, 20 MHz)   SG NR FRI TDD   S.89   49.8     10870   AAE   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, QPSK, 120 MHz)   SG NR FRI TDD   S.88   49.8     10871   AAE   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, QPSK, 120 MHz)   SG NR FRI TDD   S.88   49.8     10872   AAE   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, GPSK, 120 MHz)   SG NR FRI TDD   S.88   49.8     10873   AAE   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   S.88   49.8     10873   AAE   SG NR (OFT-6-OFDM, 1 RB, 100 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   S.85   49.8     10873   AAE   SG NR (OFT-6-OFDM, 1 RB, 80 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   S.85   49.8     10873   AAE   SG NR (OFT-6-OFDM, 100% RB, 100 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   S.85   49.8     10873   AAE   SG NR (OFT-6-OFDM, 100% RB, 100 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   S.85   49.8     10873   AAE   SG NR (CP-OFDM, 1 RB, 100 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   S.85   49.8     10874   AAE   SG NR (CP-OFDM, 100% RB, 100 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   7.78   49.8     10875   AAE   SG NR (CP-OFDM, 100% RB, 100 MHz, SHCAM, 120 MHz)   SG NR FRI TDD   S.93   49.6     10878   AAE   SG NR (CP-OFDM, 100% RB, 100 MHz, BGAM, 120 MHz)   SG NR FRI TDD   S.95   49.6     10878   AAE   SG NR (CP-OFDM, 100% RB, 100 MHz, 80 MHz, 80 MHz)   SG NR FRI TDD   S.96   49.6     10889   AAE   SG NR (CP-OFDM, 100% RB, 100 MHz, 80 MHz, 80 MHz)   SG NR FRI TDD   S.98   49.8     10881   AAE   SG NR (CP-OFDM, 100% RB, 100 MHz, 80 MHz, 80 MHz)   SG NR FRI TDD   S.98   49.8     10883   AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, 80 MHz, 80 MHz)   SG NR FRI TDD   S.98   49.8					_	
10885   AAD   SG NR (CP-GFOM, 109% RB, 100 MHz, QPSK, 20 KHz)   SG NR FRI TDD   S. 68   49.8     10886   AAD   SG NR (DFTs-OFDM, 10 RB, 100 MHz, QPSK, 30 KHz)   SG NR FRI TDD   S. 68   49.8     10889   AAE   SG NR (DFTs-OFDM, 10 W, RB, 100 MHz, QPSK, 30 KHz)   SG NR FRI TDD   S. 68   49.8     10889   AAE   SG NR (DFTs-OFDM, 10 W, RB, 100 MHz, QPSK, 120 KHz)   SG NR FRI TDD   S. 75   49.8     10870   AAE   SG NR (DFTs-OFDM, 10 RB, 100 MHz, DPSK, 120 KHz)   SG NR FRI TDD   S. 75   49.8     10871   AAE   SG NR (DFTs-OFDM, 10 RB, 100 MHz, 160 AM, 120 KHz)   SG NR FRI TDD   S. 75   49.8     10872   AAE   SG NR (DFTs-OFDM, 10 RB, 100 MHz, 160 AM, 120 KHz)   SG NR FRI TDD   S. 75   49.8     10873   AAE   SG NR (DFTs-OFDM, 10 RB, 100 MHz, 160 AM, 120 KHz)   SG NR FRI TDD   S. 75   49.8     10874   AAE   SG NR (DFTs-OFDM, 10 W, RB, 100 MHz, 160 AM, 120 KHz)   SG NR FRI TDD   S. 85   49.8     10875   AAE   SG NR (DFTs-OFDM, 10 W, RB, 100 MHz, 040 AM, 120 KHz)   SG NR FRI TDD   S. 85   49.8     10876   AAE   SG NR (CP-OFDM, 100 W, RB, 100 MHz, 040 AM, 120 KHz)   SG NR FRI TDD   S. 85   49.8     10877   AAE   SG NR (CP-OFDM, 18, 100 MHz, 040 AM, 120 KHz)   SG NR FRI TDD   S. 93   49.6     10878   AAE   SG NR (CP-OFDM, 18, 100 MHz, 040 AM, 120 KHz)   SG NR FRI TDD   S. 93   49.6     10879   AAE   SG NR (CP-OFDM, 18, 100 MHz, 040 AM, 120 KHz)   SG NR FRI TDD   S. 93   49.6     10879   AAE   SG NR (CP-OFDM, 18, 100 MHz, 040 AM, 120 KHz)   SG NR FRI TDD   S. 94     10879   AAE   SG NR (CP-OFDM, 18, 100 MHz, 160 AM, 120 KHz)   SG NR FRI TDD   S. 94     10879   AAE   SG NR (CP-OFDM, 100 WR, RB, 100 MHz, 160 AM, 120 KHz)   SG NR FRI TDD   S. 94     10880   AAE   SG NR (CP-OFDM, 100 WR, RB, 100 MHz, 160 AM, 120 KHz)   SG NR FRI TDD   S. 94     10880   AAE   SG NR (CP-OFDM, 100 WR, RB, 50 MHz, 100 AM, 120 KHz)   SG NR FRI TDD   S. 94   S. 94     10880   AAE   SG NR (CP-OFDM, 100 WR, RB, 50 MHz, 100 AM, 120 KHz)   SG NR FRI TDD   S. 93   84   S. 94   S		_				$\overline{}$
10885   AAD   50 NR (DFT-6-OFDM, 10% RB, 100 MHz, QPSK, 30 NHz)   50 NR FRI TOD   5.68   49.6     10889   AAE   50 NR (DFT-6-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz)   50 NR FRZ TDD   5.75   49.6     10870   AAE   50 NR (DFT-6-OFDM, 1 RB, 100 MHz, QPSK, 120 NHz)   50 NR FRZ TDD   5.86   49.6     10871   AAE   50 NR (DFT-6-OFDM, 1 RB, 100 MHz, QPSK, 120 NHz)   50 NR FRZ TDD   5.86   49.6     10872   AAE   50 NR (DFT-6-OFDM, 1 RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   5.86   49.6     10873   AAE   50 NR (DFT-6-OFDM, 1 RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   6.52   49.6     10874   AAE   50 NR (DFT-6-OFDM, 1 RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   6.52   49.6     10875   AAE   50 NR (DFT-6-OFDM, 1 RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   6.55   49.6     10876   AAE   50 NR (DFT-6-OFDM, 1 RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   6.55   49.6     10876   AAE   50 NR (CP-OFDM, 1 RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   7.78   49.8     10877   AAE   50 NR (CP-OFDM, 100% RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   7.78   49.8     10878   AAE   50 NR (CP-OFDM, 100% RB, 100 MHz, GPSK, 120 NHz)   50 NR FRZ TDD   7.85   49.6     10877   AAE   50 NR (CP-OFDM, 100% RB, 100 MHz, 160 AM, 120 NHz)   50 NR FRZ TDD   7.85   49.6     10878   AAE   50 NR (CP-OFDM, 100% RB, 100 MHz, 160 AM, 120 NHz)   50 NR FRZ TDD   7.85   49.6     10880   AAE   50 NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz)   50 NR FRZ TDD   7.85   49.6     10881   AAE   50 NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz)   50 NR FRZ TDD   5.75   59.6     10882   AAE   50 NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz)   50 NR FRZ TDD   5.75   59.6     10883   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 NHz)   50 NR FRZ TDD   5.75   59.6     10883   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 NHz)   50 NR FRZ TDD   5.75   49.6     10885   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 NHz)   50 NR FRZ TDD   5.87   49.6     10886   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 NHz)   50 NR FRZ TDD   5.80   4						
10888   AAD   SG NR (DFTs-OFDM, 109% RB, 100MHz, QPSK, 20 NHz)   SG NR FRI TOD   S.89   ±9.8   10888   ARE   SG NR (DFTs-OFDM, 109% RB, 100MHz, QPSK, 120 NHz)   SG NR FRZ TDD   S.75   ±9.8   10871   ARE   SG NR (DFTs-OFDM, 109% RB, 100MHz, QPSK, 120 NHz)   SG NR FRZ TDD   S.75   ±9.8   10871   ARE   SG NR (DFTs-OFDM, 109% RB, 100MHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.8   10872   ARE   SG NR (DFTs-OFDM, 109% RB, 100MHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.8   10873   ARE   SG NR (DFTs-OFDM, 109% RB, 100MHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.8   10874   ARE   SG NR (DFTs-OFDM, 100% RB, 100MHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.52   ±9.8   10875   ARE   SG NR (DFTs-OFDM, 100% RB, 100MHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.55   ±9.8   10876   ARE   SG NR (DFTs-OFDM, 100MHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.55   ±9.8   10876   ARE   SG NR (DFTs-OFDM, 180 NMHz, 160AM, 120 NHz)   SG NR FRZ TDD   7.79   ±9.8   10876   ARE   SG NR (DFTs-OFDM, 180 NMHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.99   ±9.6   10877   ARE   SG NR (DFTs-OFDM, 180 NMHz, 160AM, 120 NHz)   SG NR FRZ TDD   S.99   ±9.6   10878   ARE   SG NR (DFTs-OFDM, 100% RB, 100MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.99   ±9.6   10878   ARE   SG NR (DFTs-OFDM, 100% RB, 100MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.99   ±9.6   10878   ARE   SG NR (DFTs-OFDM, 100% RB, 100MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.6   10880   ARE   SG NR (DFTs-OFDM, 100% RB, 100MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.6   10880   ARE   SG NR (DFTs-OFDM, 100% RB, 100MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.6   10880   ARE   SG NR (DFTs-OFDM, 100% RB, 50MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.6   10880   ARE   SG NR (DFTs-OFDM, 100% RB, 50MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.75   ±9.6   10880   ARE   SG NR (DFTs-OFDM, 100% RB, 50MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.63   ±9.6   10880   ARE   SG NR (DFTs-OFDM, 100% RB, 50MHz, 120AM, 120 NHz)   SG NR FRZ TDD   S.63   ±9.6   10883   ARE   SG NR (DFTs-OFDM, 100% RB, 50MH					4	
10893   AAE   SG NR (DFT-2-OFDM, 108, 100MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.75   ±9.8   10870   AAE   SG NR (DFT-3-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.75   ±9.8   10872   AAE   SG NR (DFT-3-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.75   ±9.8   10872   AAE   SG NR (DFT-3-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.52   ±9.8   10873   AAE   SG NR (DFT-3-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.52   ±9.8   10874   AAE   SG NR (DFT-3-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.55   ±9.8   10875   AAE   SG NR (DFT-3-OFDM, 18, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.55   ±9.8   10876   AAE   SG NR (DFT-3-OFDM, 18, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.55   ±9.8   10876   AAE   SG NR (DFT-0-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FR2 TDD   S.75   ±9.8   10876   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 180 AM, 120 MHz)   SG NR FR2 TDD   S.79   ±9.8   10876   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 180 AM, 120 MHz)   SG NR FR2 TDD   S.99   ±9.6   10878   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 180 AM, 120 MHz)   SG NR FR2 TDD   S.99   ±9.6   10878   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 180 AM, 120 MHz)   SG NR FR2 TDD   S.91   ±9.6   10880   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 180 AM, 120 MHz)   SG NR FR2 TDD   S.12   ±9.6   10880   AAE   SG NR (DF-1-O-OFDM, 100% RB, 100 MHz, 180 AM, 120 MHz)   SG NR FR2 TDD   S.12   ±9.6   10881   AAE   SG NR (DF-1-O-OFDM, 100% RB, 50 MHz, 160 AM, 120 MHz)   SG NR FR2 TDD   S.75   ±9.8   10883   AAE   SG NR (DF-1-O-OFDM, 100% RB, 50 MHz, 160 AM, 120 MHz)   SG NR FR2 TDD   S.75   ±9.8   10883   AAE   SG NR (DF-1-O-OFDM, 100% RB, 50 MHz, 160 AM, 120 MHz)   SG NR FR2 TDD   S.75   ±9.8   10883   AAE   SG NR (DF-1-O-OFDM, 100% RB, 50 MHz, 160 AM, 120 MHz)   SG NR FR2 TDD   S.63   ±9.6   10883   AAE   SG NR (DF-1-O-OFDM, 100% RB, 50 MHz, 160 AM, 120 MHz)   SG NR FR2 TDD   S.63   ±9.6   10883   AAE   SG NR (DF-1-O-OFDM, 100% RB, 50 MHz, 20 MHz, 20 MHz)   SG NR FR2 TD		ł				
10870   AAE   SG NR (DFT+-OFDM, 100% RB, 100 MHz, DFSK, 120 kHz)   SG NR FR2 TDD   S. 86   ±9.8   10871   AAE   SG NR (DFT+-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   S. 57.5   ±9.8   10873   AAE   SG NR (DFT+-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   S. 52   ±9.8   10873   AAE   SG NR (DFT+-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   S. 52   ±9.8   10873   AAE   SG NR (DFT+-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   S. 55   ±9.8   10875   AAE   SG NR (DFT+-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   S. 55   ±9.8   10875   AAE   SG NR (DFT-S-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   S. 50 NR FR2 TDD						
10871   AAE   SG NR   DFT-9-OFDM, 1 RB, 100 MHz, 160AM, 120 NHz)   SG NR FR2 TDD   S.75   ±9.6   10872   AAE   SG NR   OFT-9-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz)   SG NR FR2 TDD   S.52   ±9.8   10873   AAE   SG NR   OFT-9-OFDM, 18B, 100 MHz, 460AM, 120 NHz)   SG NR FR2 TDD   S.51   ±9.8   10873   AAE   SG NR   OFT-9-OFDM, 100% RB, 100 MHz, 640AM, 120 NHz)   SG NR FR2 TDD   S.55   ±9.8   10875   AAE   SG NR   OFT-9-OFDM, 100% RB, 100 MHz, 640AM, 120 NHz)   SG NR FR2 TDD   S.55   ±9.8   10875   AAE   SG NR   OFT-9-OFDM, 100% RB, 100 MHz, 640AM, 120 NHz)   SG NR FR2 TDD   S.39   ±9.6   10877   AAE   SG NR   OFT-9-OFDM, 100% RB, 100 MHz, 100			· · · · · · · · · · · · · · · · · · ·			
10872   AAE   SG NR (DFT-6-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz)   SG NR FR2 TDD   6.52   ±9.6   10873   AAE   SG NR (DFT-6-OFDM, 100% RB, 100 MHz, 640 AM, 120 kHz)   SG NR FR2 TDD   6.55   ±9.6   10875   AAE   SG NR (DFT-6-OFDM, 100% RB, 100 MHz, 640 AM, 120 kHz)   SG NR FR2 TDD   7.78   ±9.8   10875   AAE   SG NR (CP-0 FDM, 100% RB, 100 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.78   ±9.8   10876   AAE   SG NR (CP-0 FDM, 100% RB, 100 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.78   ±9.6   10877   AAE   SG NR (CP-0 FDM, 100% RB, 100 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.95   ±9.6   10877   AAE   SG NR (CP-0 FDM, 100% RB, 100 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.95   ±9.6   10878   AAE   SG NR (CP-0 FDM, 100% RB, 100 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.95   ±9.6   10880   AAE   SG NR (CP-0 FDM, 100% RB, 100 MHz, BGAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6   10880   AAE   SG NR (CP-0 FDM, 100% RB, 100 MHz, BGAM, 120 kHz)   SG NR FR2 TDD   8.38   ±9.8   10881   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 0 FSK, 120 kHz)   SG NR FR2 TDD   8.38   ±9.8   10883   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 0 FSK, 120 kHz)   SG NR FR2 TDD   5.75   ±9.6   10883   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 0 FSK, 120 kHz)   SG NR FR2 TDD   5.99   ±9.6   10883   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 160 AM, 120 kHz)   SG NR FR2 TDD   5.99   ±9.6   10883   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 160 AM, 120 kHz)   SG NR FR2 TDD   5.99   ±9.6   10883   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 160 AM, 120 kHz)   SG NR FR2 TDD   5.65   ±9.6   10886   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 160 AM, 120 kHz)   SG NR FR2 TDD   6.65   ±9.8   10886   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 160 AM, 120 kHz)   SG NR FR2 TDD   6.65   ±9.8   10886   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 160 AM, 120 kHz)   SG NR FR2 TDD   5.68   ±9.6   10886   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 120 kHz)   SG NR FR2 TDD   5.68   ±9.6   10886   AAE   SG NR (CP-6 FDM, 100% RB, 50 MHz, 100 kHz)   SG NR FR2 TDD   5.68   ±9.6   10886   AAE   SG NR (CP-						-
10873   AAE   5G NR (DFTs-OFDM, 1 RB, 100MHz, 84QAM, 120 kHz)   5G NR FR2 TDD   8.55   ±9.8     10874   AAE   5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)   5G NR FR2 TDD   7.78   ±9.8     10876   AAE   5G NR (CP-OFDM, 1 RB, 100 MHz, 04QAM, 120 kHz)   5G NR FR2 TDD   7.78   ±9.8     10876   AAE   5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   8.39   ±9.6     10877   AAE   5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   7.85   ±9.6     10878   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   7.85   ±9.6     10878   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   8.11   ±9.6     10879   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   8.12   ±9.6     10880   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   8.12   ±9.6     10881   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.75   ±9.6     10882   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.75   ±9.6     10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.88   ±9.6     10884   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.89   ±9.6     10885   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.81   ±9.6     10886   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.83   ±9.6     10886   AAE   5G NR (CFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.83   ±9.6     10886   AAE   5G NR (CFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.83   ±9.6     10886   AAE   5G NR (CFTs-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.63   ±9.6     10888   AAE   5G NR (CFT-OFDM, 100% RB, 50 MHz, 120 kHz)   5G NR FR2 TDD   5.63   ±9.6     10889   AAE   5G NR (CFT-OFDM, 100% RB, 50 MHz, 100 kHz)   5G NR FR2 TDD   5.63   ±9.6     10889   AAE   5G NR (CFT-OFDM, 100% RB, 50 MHz, 100 kHz)   5G NR FR2 TDD   5.63   ±9.6     10889   AAE   5G NR (CFT-OFDM, 1 RB, 50 MHz, 100 kHz)   5G NR FR2 TDD		-			_	
10874   AAE   5G NR   (DFTs-OFDM, 10% RB, 100MHz, 64OAM, 120 kHz)   SG NR FR2 TDD   8.85   49.8     10875   AAE   5G NR (CP-OFDM, 10% RB, 100MHz, CPSK, 120 kHz)   SG NR FR2 TDD   3.99   49.6     10876   AAE   5G NR (CP-OFDM, 10% RB, 100MHz, CPSK, 120 kHz)   SG NR FR2 TDD   7.95   49.8     10877   AAE   5G NR (CP-OFDM, 100% RB, 100MHz, CPSK, 120 kHz)   SG NR FR2 TDD   7.95   49.6     10878   AAE   5G NR (CP-OFDM, 100% RB, 100MHz, 100	_					$\overline{}$
10875   AAE   5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.78   ±9.6   10876   AAE   5G NR (CP-OFDM, 100% RB, 100 kHz, QPSK, 120 kHz)   SG NR FR2 TDD   8.39   ±9.6   10877   AAE   5G NR (CP-OFDM, 18B, 100 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   7.95   ±9.6   10878   AAE   5G NR (CP-OFDM, 18B, 100 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6   10879   AAE   SG NR (CP-OFDM, 18B, 100 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6   10880   AAE   SG NR (CP-OFDM, 100% RB, 100 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   8.38   ±9.8   10880   AAE   SG NR (CP-OFDM, 100% RB, 100 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   8.38   ±9.8   10880   AAE   SG NR (CP-OFDM, 100% RB, 100 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   5.75   ±9.6   10882   AAE   SG NR (DFT+o-OFDM, 100% RB, 50 kHz, CPSK, 120 kHz)   SG NR FR2 TDD   5.75   ±9.6   10882   AAE   SG NR (DFT+o-OFDM, 100% RB, 50 kHz, CPSK, 120 kHz)   SG NR FR2 TDD   5.98   ±9.6   10885   AAE   SG NR (DFT-o-OFDM, 18B, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   5.98   ±9.6   10885   AAE   SG NR (DFT-o-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   6.57   ±9.8   10885   AAE   SG NR (DFT-o-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   6.57   ±9.8   10885   AAE   SG NR (DFT-o-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   6.57   ±9.8   10885   AAE   SG NR (DFT-o-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   6.61   ±9.8   10885   AAE   SG NR (CP-OFDM, 1 RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   6.65   ±9.8   10887   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   5.68   ±9.8   10887   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   5.69   ±9.6   10889   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   5.69   ±9.6   10889   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   5.69   ±9.6   10889   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, LEOAM, 120 kHz)   SG NR FR2 TDD   5.69   ±9.6   10889   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz,						
10877   AAE   6G NR (CP-OFDM, 1 RB, 100 MHz, 18QAM, 120 KHz)   5G NR FR2 TDD   7.95   ±9.6     10878   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 18QAM, 120 KHz)   5G NR FR2 TDD   8.41   ±9.8     10880   AAE   5G NR (CP-OFDM, 183, 100 MHz, 84QAM, 120 KHz)   5G NR FR2 TDD   8.12   ±9.8     10881   AAE   5G NR (CP-OFDM, 183, 100 MHz, 84QAM, 120 KHz)   5G NR FR2 TDD   8.38   ±9.8     10881   AAE   5G NR (DFFa-OFDM, 100% RB, 100 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   5.75   ±9.8     10882   AAE   5G NR (DFFa-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   5.98   ±9.6     10883   AAE   5G NR (DFFa-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   5.99   ±9.6     10883   AAE   5G NR (DFFa-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   6.67   ±9.8     10884   AAE   5G NR (DFFa-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   6.67   ±9.8     10885   AAE   5G NR (DFFa-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   6.67   ±9.8     10886   AAE   5G NR (DFFa-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   6.61   ±9.8     10887   AAE   5G NR (DFFa-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   6.65   ±9.8     10888   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   6.85   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 120 KHz)   5G NR FR2 TDD   6.85   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 CHz)   5G NR FR2 TDD   7.78   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 CMA, 120 KHz)   5G NR FR2 TDD   7.78   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 CMA, 120 KHz)   5G NR FR2 TDD   7.78   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 CMA, 120 KHz)   5G NR FR2 TDD   8.13   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 CMA, 120 KHz)   5G NR FR2 TDD   8.40   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 30 KHz)   5G NR FR2 TDD   5.60   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 30 KHz)   5G NR FR1 TDD   5.66   ±9.6     10889   AAE   5G NR (DFFa-OFDM, 1 RB, 50 M		AAE		SG NR FR2 TDD	7.78	±9.8
10876   AAE   5G NR (CP-OFDM, 100% RB, 100MHz, 18QAM, 120 kHz)   5G NR FR2 TOD   8.41   ±9.6   10870   AAE   5G NR (CP-OFDM, 1 R9, 100MHz, 64QAM, 120 kHz)   5G NR FR2 TOD   8.12   ±9.6   10880   AAE   5G NR (CP-OFDM, 1 R9, 50 MHz, 64QAM, 120 kHz)   5G NR FR2 TOD   5.75   ±9.8   10881   AAE   5G NR (DFTa-OFDM, 1 R9, 50 MHz, CPSK, 120 kHz)   5G NR FR2 TOD   5.75   ±9.8   10882   AAE   5G NR (DFTa-OFDM, 1 R9, 50 MHz, CPSK, 120 kHz)   5G NR FR2 TOD   5.75   ±9.8   10882   AAE   5G NR (DFTa-OFDM, 1 R9, 50 MHz, 16QAM, 120 kHz)   5G NR FR2 TOD   5.98   ±9.6   10883   AAE   5G NR (DFTa-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   5G NR FR2 TOD   5.63   ±9.6   10884   AAE   5G NR (DFTa-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   5G NR FR2 TOD   6.67   ±9.8   10885   AAE   5G NR (DFTa-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   5G NR FR2 TOD   6.61   ±9.8   10885   AAE   5G NR (DFTa-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   5G NR FR2 TOD   6.61   ±9.8   10886   AAE   5G NR (DFTa-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   5G NR FR2 TOD   6.65   ±9.8   10886   AAE   5G NR (DP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   5G NR FR2 TOD   6.65   ±9.8   10889   AAE   5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz)   5G NR FR2 TOD   6.85   ±9.5   10889   AAE   5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz)   5G NR FR2 TOD   6.35   ±9.5   10890   AAE   5G NR (CP-OFDM, 18, 50 MHz, 160AM, 120 kHz)   5G NR FR2 TOD   8.35   ±9.5   10890   AAE   5G NR (CP-OFDM, 18, 50 MHz, 30 MHz, 30 MHz)   5G NR FR2 TOD   8.40   ±9.8   10891   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 30 MHz, 30 MHz)   5G NR FR2 TOD   8.41   ±9.6   10891   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 30 MHz, 30 MHz)   5G NR FR2 TOD   8.41   ±9.6   10892   AAE   5G NR (DFTa-OFDM, 1 RB, 50 MHz, 30 MHz, 30 MHz)   5G NR FR1 TOD   5.66   ±9.6   10893   AAB   5G NR (DFTa-OFDM, 1 RB, 50 MHz, 30 MHz, 30 MHz)   5G NR FR1 TOD   5.66   ±9.6   10893   AAB   5G NR (DFTa-OFDM, 1 RB, 50 MHz, 30 MHz, 30 MHz)   5G NR FR1 TOD   5.68   ±9.6   10893   AAB   5G NR (DFTa-OFDM, 1 RB, 50 MHz, 30 MHz, 30 MHz)   5G NR FR1	10876	AAE		SG NR FR2 TDD	8.39	±9.6
T0879   AAE   SG NR (CP-OFDM, 1 RB, 100MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.12   ±9.6	10877	AAE	6G NR (CP-OFDM, 1 R8, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10880   AAE   56 NR (CP-OFDM, 100% RB, 100 MHz, 840 AM, 120 kHz)   56 NR FR2 TDD   8.38   ±9.8     10881   AAE   56 NR (OFT-8-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   56 NR FR2 TDD   5.75   ±9.8     10882   AAE   56 NR (OFT-8-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   56 NR FR2 TDD   5.98   ±9.6     10883   AAE   56 NR (OFT-8-OFDM, 1 RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   6.67   ±9.8     10884   AAE   56 NR (OFT-8-OFDM, 1 RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   6.63   ±9.8     10885   AAE   56 NR (OFT-8-OFDM, 100% RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   6.63   ±9.8     10885   AAE   56 NR (OFT-8-OFDM, 100% RB, 50 MHz, 840 AM, 120 kHz)   56 NR FR2 TDD   6.65   ±9.8     10886   AAE   56 NR (OFT-9-OFDM, 100% RB, 50 MHz, 840 AM, 120 kHz)   56 NR FR2 TDD   6.65   ±9.8     10887   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, 840 AM, 120 kHz)   56 NR FR2 TDD   7.78   ±9.8     10888   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   56 NR FR2 TDD   8.35   ±9.6     10889   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   56 NR FR2 TDD   8.35   ±9.6     10889   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   8.40   ±9.6     10889   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   8.40   ±9.6     10889   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   8.40   ±9.6     10889   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   8.40   ±9.6     10889   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, 100 KHz)   56 NR FR2 TDD   8.41   ±9.6     10889   AAE   56 NR (OF-OFDM, 100% RB, 50 MHz, 00 KHz)   56 NR FR2 TDD   8.41   ±9.6     10889   AAE   56 NR (OF-OFDM, 1 RB, 50 MHz, 00 KHz)   56 NR FR2 TDD   8.41   ±9.6     10889   AAE   56 NR (OF-F8-OFDM, 1 RB, 50 MHz, 00 KHz)   56 NR FR2 TDD   5.67   ±9.8     10889   AAE   56 NR (OF-F8-OFDM, 1 RB, 50 MHz, 00 KHz)   56 NR FR1 TDD   5.68   ±9.6     10889   AAE   56 NR (OF-F8-OFDM, 1 RB, 50 MHz, 00 KHz)   56 NR FR1 TDD   5.68   ±9.6     10889   AAB   56 NR (OF-F8-OFDM, 1 RB, 50 MHz, 00 KHz)   56 NR FR1 TDD   5.68   ±9.6     10890	10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10881   AAE   5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   5G NR FR2 TDD   5.98   ±9.6   10882   AAE   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   5G NR FR2 TDD   5.98   ±9.6   10883   AAE   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   6.67   ±9.6   10885   AAE   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   5G NR FR2 TDD   6.63   ±9.6   10885   AAE   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   5G NR FR2 TDD   6.61   ±9.6   10885   AAE   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   5G NR FR2 TDD   6.65   ±9.8   10887   AAE   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   5G NR FR2 TDD   6.65   ±9.8   10887   AAE   5G NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   5G NR FR2 TDD   6.77	10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.12	±9.6
10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 10883 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 10884 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 10885 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 10885 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 10886 AAE 5G NR (DFTs-OFDM, 160% RB, 50 MHz, 84OAM, 120 kHz) 10886 AAE 5G NR (DFTs-OFDM, 160% RB, 50 MHz, 84OAM, 120 kHz) 10887 AAE 5G NR (DFTs-OFDM, 160% RB, 50 MHz, 84OAM, 120 kHz) 10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 160% RB, 50 MHz, 160AM, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 160% RB, 50 MHz, 160AM, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 160% RB, 50 MHz, 160AM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 160% RB, 50 MHz, 160AM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 160% RB, 50 MHz, 160AM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 160% RB, 50 MHz, 160AM, 120 kHz) 10891 AAE 5G NR (CP-OFDM, 160% RB, 50 MHz, 160AM, 120 kHz) 10892 AAE 5G NR (CP-OFDM, 168, 50 MHz, 84QAM, 120 kHz) 10893 AAB 5G NR (CP-OFDM, 168, 50 MHz, 84QAM, 120 kHz) 10894 AAE 5G NR (CP-OFDM, 168, 50 MHz, 84QAM, 120 kHz) 10895 AAB 5G NR (CFTs-OFDM, 168, 50 MHz, 84QAM, 120 kHz) 10896 AAE 5G NR (CFTs-OFDM, 168, 50 MHz, 84QAM, 120 kHz) 10897 AC 5G NR (CFTs-OFDM, 168, 50 MHz, 84QAM, 120 kHz) 10898 AAB 5G NR (DFTs-OFDM, 168, 50 MHz, 84QAM, 120 kHz) 10899 AAB 5G NR (DFTs-OFDM, 168, 16 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 16 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 16 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFTs-OFDM, 168, 60 MHz, QPSK, 3	10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)			
10883 AAE   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   6.67   ±9.8     10884 AAE   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 19QAM, 120 kHz)   SG NR FR2 TDD   6.63   ±9.8     10885 AAE   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   6.66   ±9.8     10886 AAE   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   6.65   ±9.8     10887 AAE   SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.78   ±9.6     10888 AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   8.35   ±9.6     10889 AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   8.02   ±9.6     10890 AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   8.02   ±9.6     10891 AAE   SG NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   8.40   ±9.8     10892 AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10893 AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10894 AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10895 AAE   SG NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10896 AAE   SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.66   ±9.6     10897 AAC   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.66   ±9.6     10898 AAB   SG NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   ±9.6     10890 AAB   SG NR (DFT-s-OFDM, 1 RB, 28 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   ±9.6     10990 AAB   SG NR (DFT-s-OFDM, 1 RB, 28 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   ±9.6     10990 AAB   SG NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   ±9.6     10990 AAB   SG NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   ±9.6     10990 AAB   SG NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   ±9.6     10990 AAB   SG NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1	10881	AAE		<u> </u>		$\overline{}$
10884 AAE 5G NR (DFT-8-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10885 AAE 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10886 AAE 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10887 AAE 6G NR (DFT-8-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16OAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16OAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16OAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10890 AAE 5G NR (CPT-8-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, Q		_				
10885 AAE 5G NR (DFT-6-OFDM, 1 RB, 50 MHz, 84OAM, 120 KHz)  10886 AAE 6G NR (DFT-6-OFDM, 100% RB, 50 MHz, 84QAM, 120 KHz)  10887 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz)  10888 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz)  10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz)  10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 KHz)  10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 KHz)  10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 KHz)  10890 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 KHz)  10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 KHz)  10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 KHz)  10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 KHz)  10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 KHz)  10894 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 KHz)  10895 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 KHz)  10896 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 KHz)  10897 AAC 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)  10898 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 KHz)  10899 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 KHz)  10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz)  10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz)  10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)  10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)  10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)  10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)  10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)  5G NR FR1 TDD 5.68  19905 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)  5G NR FR1 TDD 5.68  19905 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)  5G NR FR1 TDD 5.68  19905 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)  5G NR FR1 TDD 5.68  19905 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)  5G NR FR1 TDD 5.68  19905 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)  5G NR FR1 TDD 5.89  19905 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)  5G NR FR1 TDD 5.89  19906 AAB 5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz)						
10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 190 kHz) 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 190 kHz) 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 10893 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 10894 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 840 AM, 120 kHz) 10895 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 840 AM, 120 kHz) 10896 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, 0PSK, 30 kHz) 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10800 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 10907 AAC 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10908 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz,		_				
10987 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10880 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10881 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 40 AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 840 AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 840 AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10894 AAC 5G NR (DFTs-OFDM, 1 RB, 6 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10895 AAB 5G NR (DFTs-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFTs-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10900 AAB 6G NR (DFTs-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFTs-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.8 10909 AAB 5G NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.8		_				
10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.8 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 840AM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 840AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR2 TDD 5.66 ±9.6 10894 AAC 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10895 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6	_	_				
10899 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)  10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)  10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10893 AAC 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)  10896 AAC 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz)  10897 AAC 5G NR (DFT-8-OFDM, 1 RB, 10 MHz, 0PSK, 30 kHz)  10898 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, 0PSK, 30 kHz)  10899 AAC 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, 0PSK, 30 kHz)  10900 AAC 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz)  10901 AAC 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz)  10902 AAC 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz)  10903 AAC 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10904 AAC 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10905 AAC 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10906 AAC 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10907 AAC 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10908 AAC 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR (DFT-8-OFDM, 1 RB, 10 MHz, 0PSK, 30 kHz)  10909 AAC 5G NR	_	_			_	
10890       AAE       5G NR (CP-OFDM, 100% RB, 50 MHz, 16OAM, 120 kHz)       5G NR FR2 TDD       8.40       ±9.6         10891       AAE       5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)       5G NR FR2 TDD       8.13       ±9.6         10892       AAE       5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)       5G NR FR2 TDD       8.41       ±9.6         10897       AAC       5G NR (DFT-6-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.66       ±9.6         10898       AAB       5G NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.67       ±9.6         10899       AAB       5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.67       ±9.6         10900       AAB       5G NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10901       AAB       5G NR (DFT-6-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10902       AAB       5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10903       AAB       5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TD		-	,			
10891         AAE         5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)         5G NR FR2 TDD         8.13         ±9.6           10892         AAE         5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)         5G NR FR2 TDD         8.41         ±9.6           10897         AAC         5G NR (DFT-6-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.66         ±9.6           10898         AAB         5G NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         6G NR FR1 TDD         5.87         ±9.8           10899         AAB         5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ±9.8           10900         AAB         5G NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10901         AAB         5G NR (DFT-6-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10902         AAB         5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10903         AAB         5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.8           10904         AAB         5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           1090		_				
10892         AAE         5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)         5G NR FR2 TDD         8.41         ±9.6           10897         AAC         5G NR (DFT-6-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.66         ±9.6           10898         AAB         5G NR (DFT-3-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.67         ±9.8           10899         AAB         5G NR (DFT-5-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.67         ±9.8           10900         AAB         5G NR (DFT-5-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10901         AAB         5G NR (DFT-5-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10902         AAB         5G NR (DFT-5-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10903         AAB         5G NR (DFT-5-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10904         AAB         5G NR (DFT-5-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10905         AAB         5G NR (DFT-5-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           109	_	_				
10887         AAC         5G NR (DFT-8-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.66         ±9.6           10898         AAB         5G NR (DFT-8-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ±9.6           10899         AAB         5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ±9.8           10800         AAB         5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.8           10901         AAB         5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10902         AAB         5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10903         AAB         5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10904         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10905         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10906         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10907		+				
10888       AAB       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.87       ±9.6         10899       AAB       5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.87       ±9.6         10900       AAB       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.88       ±9.8         10901       AAB       5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10902       AAB       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10903       AAB       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10909       AAC       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD		_			_	
10899         AAB         5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ±9.8           10900         AAB         5G NR (DFT-5-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.88         ±9.8           10901         AAB         5G NR (DFT-5-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10902         AAB         5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10903         AAB         5G NR (DFT-6-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10904         AAB         5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10905         AAB         5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10905         AAB         5G NR (DFT-6-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10907         AAC         5G NR (DFT-6-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.78         ±9.6           10908         AAB         5G NR (DFT-6-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.78         ±9.6           1		-				
10900       AAB       6G NR (DFT-s-OFDM, 1 R8, 20 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10901       AAB       5G NR (DFT-s-OFDM, 1 R8, 26 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10902       AAB       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10903       AAB       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR F		_				
10801       AAB       5G NR (DFTs-OFDM, 1 RB, 26MHz, OPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10902       AAB       5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10903       AAB       5G NR (DFTs-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFTs-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFTs-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFTs-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6						
10902       AAB       5G NR (DFT-e-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.5         10903       AAB       5G NR (DFT-e-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (DFT-e-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-e-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-e-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.88       ±9.6         10907       AAC       5G NR (DFT-e-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-e-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFT-e-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFT-e-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6						
10903       AAB       5G NR (DFT-6-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (OFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-6-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.88       ±9.6         10907       AAC       5G NR (DFT-6-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-6-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFT-6-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6		_				_
10904       AAB       5G NR (DFT:s-OFDM, 1 RB, 50 MHz, OPSK, 30 kHz)       5G NR FR1 TDD       5.88       ±9.8         10905       AAB       5G NR (DFT:s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT:s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.88       ±9.6         10907       AAC       5G NR (DFT:s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT:s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFT:s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.96       ±9.6				5G NR FR1 TDO	5.68	\$.8±
10905       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.88       ±9.6         10907       AAC       5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.6         10909       AAB       5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.96       ±9.6		_		5G NR FR1 TDD	5.68	£9.8
10907     AAC     5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.78     ±9.6       10908     AAB     5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.93     ±9.6       10909     AAB     5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.96     ±9.6		_		5G NR FR1 TOD	5.68	±9.6
10 908         AAB         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.93         ±9.6           10 909         AAB         5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.96         ±9.6	10908	AAB	5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,68	±9.6
10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.70	£9.6
	10908	AA8	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz)			_
10910 AA8 5G NR (DFT-9-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 ±9.6	10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)	_		±9.6
	10910	AAB	5G NR (DFT-9-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.83	≐9.6

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UID	Hev	Communication System Name	Gratin	DVD (4D)	Unc $^{E}k=2$
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	Group 50 NR FR1 TDD	PAR (dB) 5.93	±9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.84	±9.6
50913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	6G NR FR1 TOD	5.84	±9.6
10814	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.85	±9.6
10915	AA8	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.83	19.6
10916	AA8	50 NR (DFT-8-OFDM, 60% RB, 80 MHz, QPSK, 30 kHz)	5G NA FRI TOD	5.87	±9.6
10917	AA8	5G NR (OFT-s-OFOM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.94	±9.6
10918	AAC	5G NR (DFT-8-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9,8
10919	AAB	6G NR (DFT-s-OFDM, 100% R8, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	£9.6
10921	AAB	5G NR (DFT-9-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FA1 TOD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-9-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.95	±9.6
10926	AAB	5G NR (DFT-8-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	50 NR FRI TOO	5.84	±9.6
10927	AAB	5G NA (DFT-s-OFDM, 100% AB, 80 MHz, QPSK, 30 KHz)	5G NR FRI TOO	5.94	±9.8
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.52	±9.8
10929	AAC	6G NR (DFT-8-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,52	±9.8
10930	AAC	5G NR (DFT-9-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.5
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)  5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5.51	±9.8
10932	AAC	5G NR (DFT-9-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51 5.51	±9.6
10933	AAC	5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6 ±9.6
10935	AAD	5G NR (DFT-6-OFDM, 1 R8, 50MHz, QPSK, 15 kHz)	5G NA FR1 FDD	6,51	±9.6
10938	AAC	6G NR (DFT-8-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5Q NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.8
10939	AAC	5G NA (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.82	±9,8
10940	AAC	5Q NR (DFT-8-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	SG NR FRI FOD	5.89	±9.8
10941	AAC	5G NR (DFT-8-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	£9.8±
10942	AAC	5G NR (DFT-8-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.85	±9.6
10943	AAD	SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	50 NA FA1 FOD	5.95	±9.6
10944	AAC	5Q NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	6G NR FR1 FDD	5.81	±9.6
10945	AAC	5Q NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5,85	±9.8
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFT-9-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.87	±9.6
10948	AAC	5G NA (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	6G NR FR1 FDD	5.94	±9.6
10949	AAC	6G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FOO	5.87	±9.8
10950	AAD	5G NR (DFT-a-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5,94	±9.8
10951	AAA	5G NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 16 kHz) 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25 8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 15 KHz)	50 NR FRI FOD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 KHz)	5G NR FR1 FDD	B.14	±9.6
10957	AAA	6G NA DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FOD	8.31	19.6
10988	AAA	6Q NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 30 KHz)	5G NR FR1 FDD	8,61	±9.6
10959	AAA	5G NR OL (CP-OFOM, TM 3.1, 20 MHz, 64-QAM, 30 KHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 6 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	9.36	±9.6
10962	AAB	6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.8
10963	AA8	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz)	50 NA FA1 TDD	9.55	±9.δ
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	9.29	±9.5
10965	AA8	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	9.37	±9.6
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-OAM, 30 kHz)	5G NR FR1 TOD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.42	±9.6
10988	AA8	5G NA DL (CP-OFDM, TM 3.1, 100 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)  5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 700	11.59	±9.6
10973	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 258-QAM, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10978	AAA	ULLA BDR	ULLA	10.28	±9.6
10978	AAA	ULLA HDR4	ULLA	8,58	±9.6
10980	AAA	ULLA HD88	ULLA	10.32	±9.6
10981	AAA	ULLA HDRO4	ULLA	3.19	±9.6
10982	AAA	ULLA HCIRO8	ULLA	3.43	±9.6

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UID	Hev	Communication System Name	Group	PAR (dB)	Unc' k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 84-QAM, 15 kHz)	50 NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFOM, TM 3.1, 50 MHz, 84-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5Q NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 KHz)	6G NR FR1 TDD	9,54	±9.6
10986	AAA	5G NR OL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5Q NR FR1 TDD	9.53	49.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.38	±9.6
10989	ΛΑΑ	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 84-QAM, 30 kHz)	5G NR FRI TOO	9.33	±9.8
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 84-QAM, 30 kHz)	5G NA FRI TOD	9.52	±9.8

 $<sup>^{\</sup>mathsf{E}}$  Uncertainty 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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