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CALIBRATION **CNAS L0570** 

Client :

**B.V.ADT** 

Certificate No: Z21-60393

# CALIBRATION CERTIFICATE

Object DAE4 - SN: 1389

Calibration Procedure(s) FF-Z11-002-01

Calibration Procedure for the Data Acquisition Electronics

(DAEx)

Calibration date:

October 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	ID#	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Process Calibrator 753	1971018	15-Jun-21 (CTTL, No.J21X04465)	Jun-22

Name

Function

Signature

Calibrated by:

Yu Zongying

SAR Test Engineer

Reviewed by:

Lin Hao

SAR Test Engineer

Approved by:

Qi Dianyuan

SAR Project Leader

Issued: October 28, 2021

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



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Glossary:

DAE data acquisition electronics

Connector angle information used in DASY system to align probe sensor X

to the robot coordinate system.

## Methods Applied and Interpretation of Parameters:

- DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- Connector angle: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The report provide only calibration results for DAE, it does not contain other performance test results.

Certificate No: Z21-60393



Page 2 of 3



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## **DC Voltage Measurement**

A/D - Converter Resolution nominal

Calibration Factors	Х	Υ	Z
High Range	403.756 ± 0.15% (k=2)	403.721 ± 0.15% (k=2)	404.187 ± 0.15% (k=2)
Low Range	3.98173 ± 0.7% (k=2)	3.96533 ± 0.7% (k=2)	4.02439 ± 0.7% (k=2)

### **Connector Angle**

Connector Angle to be used in DASY system	130.5° ± 1 °
---	--------------

## 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

Client

ADT-CN (Auden)

Certificate No

EX-3873\_Aug22

### **CALIBRATION CERTIFICATE**

Object

EX3DV4 - SN:3873

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

August 31, 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  $(22\pm3)$  °C 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-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 Jun-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 Signature
Calibrated by Aidonia Georgiadou Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: August 31, 2022

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

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S Swiss Calibration Service

Accreditation No.: SCS 0108

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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 modulation dependent linearization parameters

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

Polarization  $\vartheta$  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/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 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 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).

Certificate No: EX-3873\_Aug22

#### Parameters of Probe: EX3DV4 - SN:3873

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc $(k=2)$
Norm $(\mu V/(V/m)^2)^A$	0.37	0.45	0.48	±10.1%
DCP (mV) B	102.5	99.0	98.9	±4.7%

### Calibration Results for Modulation Response

UID	Communication System Name		A dB	$dB\sqrt{\mu V}$	С	dB D	VR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	178.8	±2.5%	±4.7%
		Y	0.00	0.00	1.00		154.5		,
		Z	0.00	0.00	1.00		176.9		
10352	Pulse Waveform (200Hz, 10%)	X	4.58	71.97	13.66	10.00	60.0	±3.1%	±9.6%
		Y	20.00	90.07	20.08		60.0		
		Z	64.00	106.00	25.00		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	4.74	74.24	13.27	6.99	80.0	±1.7%	±9.6%
		Y	20.00	92.29	20.19	170	80.0	21.170	20.076
		Z	20.00	93.17	20.75		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	3.34	72.93	11.34	3.98	95.0	±1.2%	±9.6%
		Y	20.00	98.96	22.14		95.0		201070
		Z	20.00	95.31	20.18		95.0	5	
10355	Pulse Waveform (200Hz, 60%)	X	0.47	61.98	6.00	2.22	120.0	±1.0%	±9.6%
		Y	20.00	109.06	25.41		120.0		
3.00		Z	20.00	91.55	16.95		120.0		
10387	QPSK Waveform, 1 MHz	X	1.61	65.14	14.34	1.00	150.0	±2.6%	±9.6%
		Y	1.83	67.43	15.88		150.0		
		Z	1.66	65.09	14.40		150.0		
10388	QPSK Waveform, 10 MHz	X	2.15	67.35	15.08	0.00	150.0	±0.9%	±9.6%
		Y	2.48	69.76	16.66		150.0	201070	20.070
		Z	2.20	67.37	15.08		150.0		
10396	64-QAM Waveform, 100 kHz	X	2.91	69.83	18.28	3.01	150.0	±1.1%	±9.6%
		Y	2.60	68.40	18.12	0.01	150.0		20.070
		Z	3.03	69.84	18.43		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.46	66.87	15.49	0.00	150.0	±2.6%	±9.6%
		Y	3.53	67.27	15.97	(300.2)	150.0		_0.070
		Z	3.51	66.93	15.54		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.91	65.62	15.43	0.00	150.0	±4.4%	±9.6%
		Y	4.87	65.53	15.57	2/24	150.0	,0	_0.070
-		Z	4.98	65.66	15.49		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%.

B Linearization parameter uncertainty for maximum specified field strength.

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 $<sup>^{\</sup>rm A}$  The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Page 5).

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:3873

### Sensor Model Parameters

	C1 fF	C2 fF	α V <sup>-1</sup>	T1 ms V <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
X	53.0	397.58	35.80	9.04	0.46	5.03	0.45	0.44	1.01
у	49.7	374.02	36.16	16.88	0.00	5.09	0.00	0.42	1.01
Z	56.3	428.72	36.64	13.56	0.42	5.10	0.00	0.58	1.01

### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-157.7°
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:3873

## 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	9.59	9.59	9.59	0.51	0.82	±12.0%
835	41.5	0.90	9.40	9.40	9.40	0.43	0.85	±12.0%
900	41.5	0.97	9.16	9.16	9.16	0.42	0.80	±12.0%
1450	40.5	1.20	8.49	8.49	8.49	0.41	0.80	±12.0%
1750	40.1	1.37	8.25	8.25	8.25	0.35	0.86	±12.0%
1900	40.0	1.40	8.02	8.02	8.02	0.26	0.86	±12.0%
2300	39.5	1.67	8.01	8.01	8.01	0.31	0.90	±12.0%
2450	39.2	1.80	7.59	7.59	7.59	0.38	0.90	±12.0%
2600	39.0	1.96	7.47	7.47	7.47	0.38	0.90	±12.0%
3300	38.2	2.71	6.91	6.91	6.91	0.30	1.35	±13.1%
3500	37.9	2.91	6.77	6.77	6.77	0.30	1.35	±13.1%
3700	37.7	3.12	6.61	6.61	6.61	0.30	1.35	±13.1%
3900	37.5	3.32	6.21	6.21	6.21	0.40	1.80	±13.1%
4100	37.2	3.53	6.15	6.15	6.15	0.40	1.80	±13.1%
5250	35.9	4.71	4.75	4.75	4.75	0.40	1.80	±13.1%
5600	35.5	5.07	4.47	4.47	4.47	0.40	1.80	±13.1%
5800	35.3	5.27	4.48	4.48	4.48	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

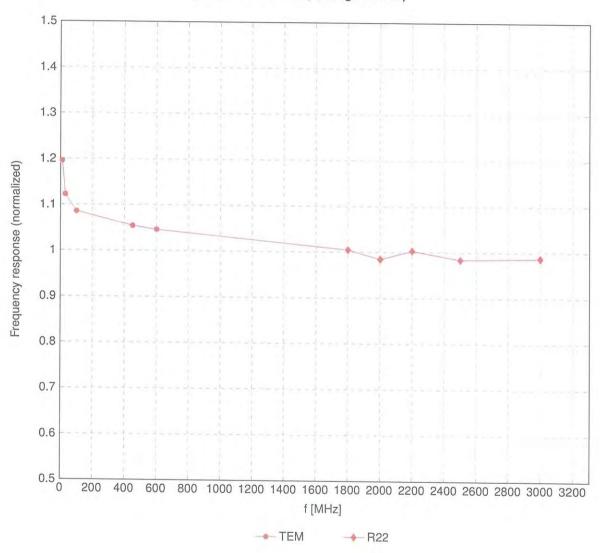
assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to  $\pm 110$  MHz. At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm 10\%$  if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\epsilon$  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.

EX3DV4 - SN:3873

## Frequency Response of E-Field

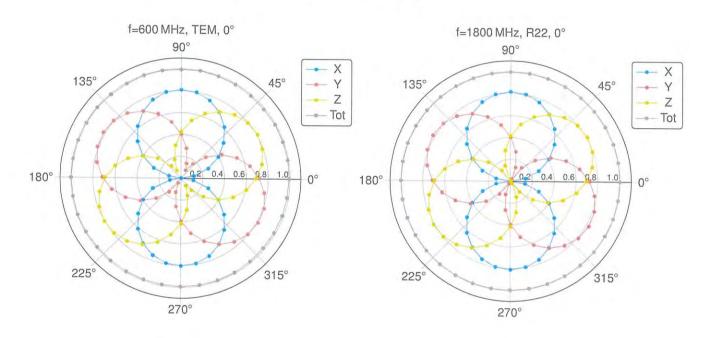
(TEM-Cell:ifi110 EXX, Waveguide:R22)

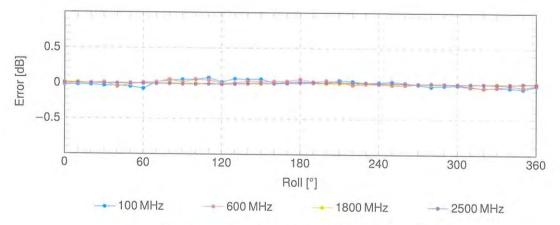


Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  (k=2)

EX3DV4 - SN:3873

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

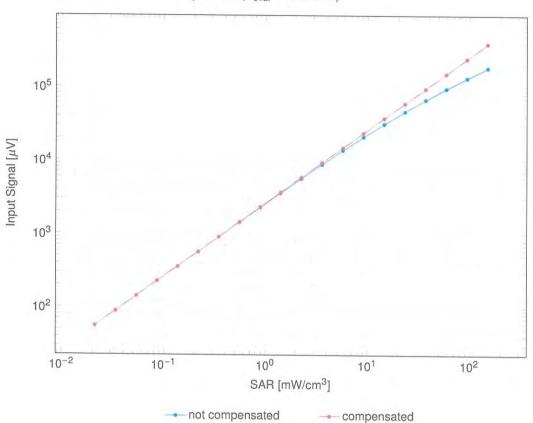


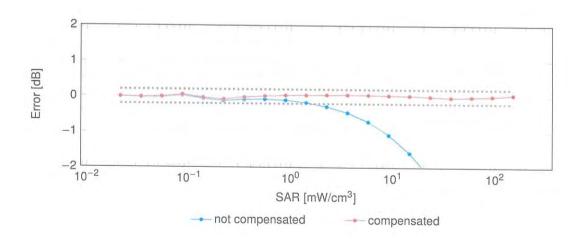


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

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

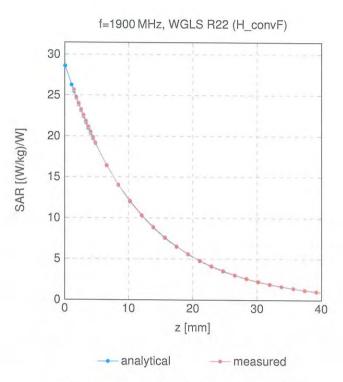
(TEM cell, f<sub>eval</sub> = 1900 MHz)



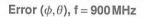


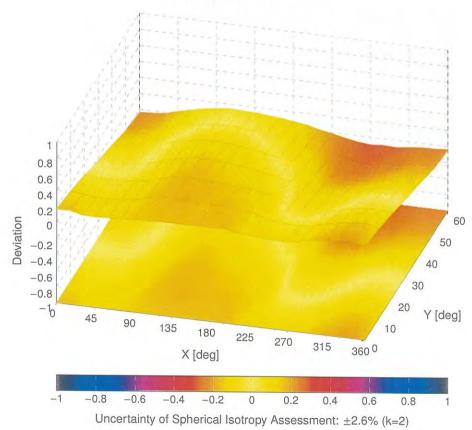
Uncertainty of Linearity Assessment:  $\pm 0.6\%$  (k=2)

## **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
0010	CAA	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
0011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
0012	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
0024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
0025	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
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10037		IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.10	±9.6
10038	CAA	CDMA2000 (1xRTT, RC1)	CDMA2000	4.10	±9.6
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10042	CAB		AMPS	0.00	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	The second second		±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	
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	CAB	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
10097	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
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10100	CAB		LTE-FDD	6.42	±9.6
			LTE-FDD	6.60	±9.6
10102			LTE-TDD	9.29	±9.6
10103				9.29	±9.6
10104			LTE-TDD		
10105			LTE-TDD	10.01	±9.6
10108			LTE-FDD	5.80	±9.0
10109			LTE-FDD	6.43	±9.6
10110			LTE-FDD	5.75	±9.
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	±9.

10113 C 10114 C 10115 C 10116 C 10117 C 10118 C 10119 C 10140 C 10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10149 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161 C	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) ITE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 0PSK) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-FDD  WLAN  WLAN  WLAN  WLAN  WLAN  WLAN  WLAN  LTE-FDD  LTE-FDD	6.59 6.62 8.10 8.46 8.15 8.07 8.59 8.13 6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10114 C 10115 C 10116 C 10117 C 10118 C 10119 C 10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161	CAG CAG CAG CAG CAG CAD CAD CAD CAD CAD CAD CAD CAD CAC CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 04-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 40-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 40-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN LTE-FDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-FDD	8.10 8.46 8.15 8.07 8.59 8.13 6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10115 C 10116 C 10117 C 10118 C 10119 C 10140 C 10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161	CAG CAG CAG CAG CAD CAD CAD CAD CAD CAD CAD CAD CAD CAC CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 04-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 04-QAM) LTE-FDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 40-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN LTE-FDD LTE-TDD LTE-TDD LTE-FDD	8.46 8.15 8.07 8.59 8.13 6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10116 C 10117 C 10118 C 10119 C 10140 C 10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161 C	CAG CAG CAG CAD CAD CAD CAD CAD CAD CAD CAD CAC CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	WLAN WLAN WLAN WLAN LTE-FDD LTE-TDD LTE-TDD LTE-TDD LTE-FDD	8.15 8.07 8.59 8.13 6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	#9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6
10117 C 10118 C 10119 C 10140 C 10141 C 10142 C 10144 C 10145 C 10146 C 10150 C 10151 C 10155 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161	CAG CAD CAD CAD CAD CAD CAD CAD CAD CAD CAC CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	WLAN WLAN WLAN LTE-FDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-FDD	8.07 8.59 8.13 6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10118 C 10119 C 10140 C 10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAD CAD CAD CAD CAD CAD CAD CAD CAD CAC CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	WLAN WLAN LTE-FDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-FDD	8.59 8.13 6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10119 C 10140 C 10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161 C	CAD CAD CAD CAD CAD CAD CAD CAC CAC CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	WLAN LTE-FDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-FDD	8.13 6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10140 C 10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10152 C 10153 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161 C	CAD CAD CAD CAD CAD CAC CAC CAC CAC CAC	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD	6.49 6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	#9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6
10141 C 10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAD CAD CAD CAD CAC CAC CAC CAC CAC CAC	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD	6.53 5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10142 C 10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAD CAC CAC CAC CAC CAC CAE CAE CAE CAE CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD	5.73 6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10143 C 10144 C 10145 C 10146 C 10147 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAD CAC CAC CAC CAC CAC CAE CAE CAE CAE CAF CAF CAF CAE CAE CAF CAF CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	6.35 6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10144 C 10145 C 10146 C 10147 C 10149 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAC CAC CAC CAC CAC CAE CAE CAE CAE CAF CAF CAF CAF CAE CAE CAF CAE CAE CAE CAE CAE CAE CAE CAE CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	6.65 5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	#9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6
10145 C 10146 C 10147 C 10149 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAC CAC CAC CAE CAE CAE CAE CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	5.76 6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10146 C 10147 C 10149 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAC CAE CAE CAE CAE CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	6.41 6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10147 C 10149 C 10150 C 10151 C 10152 C 10153 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C 10161 C 10160	CAC CAE CAE CAE CAE CAF CAF CAF CAF CAF CAF CAE CAE CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	6.72 6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10149 C 10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAE CAE CAE CAE CAF CAF CAF CAF CAF CAF CAE CAE CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	6.42 6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10150 C 10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAE CAE CAE CAF CAF CAF CAF CAF CAE CAE CAE CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	6.60 9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10151 C 10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAE CAE CAF CAF CAF CAF CAE CAE CAE CAE CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	9.28 9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10152 C 10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAE CAF CAF CAF CAF CAE CAE CAE CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD  LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	9.92 10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10153 C 10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAE CAF CAF CAE CAE CAE CAE CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	10.05 5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6 ±9.6
10154 C 10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAF CAF CAE CAE CAE CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD  LTE-FDD	5.75 6.43 5.79 6.49	±9.6 ±9.6 ±9.6
10155 C 10156 C 10157 C 10158 C 10159 C 10160 C	CAF CAF CAE CAE CAG CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD LTE-FDD LTE-FDD LTE-FDD	6.43 5.79 6.49	±9.6 ±9.6
10156 C 10157 C 10158 C 10159 C 10160 C	CAF CAE CAE CAG CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD LTE-FDD	5.79 6.49	±9.6
10157 C 10158 C 10159 C 10160 C 10161 C	CAE CAE CAG CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD LTE-FDD	6.49	
10158 C 10159 C 10160 C 10161 C	CAE CAG CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD		±9.6
0159 C 0160 C 0161 C	CAG CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)		0.00	
0160 C	CAG			6.62	±9.6
10161 C		LIE-FDD (SC-FDMA 50% RR 15 MHz OPSK)	LTE-FDD	6.56	±9.6
	CAG		LTE-FDD	5.82	±9.6
	2000	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
C-1000 10	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
0-0-70-7-	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
	0.1.0	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.52	±9.6
0	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	6.50	±9.6
	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)  LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	5.73	±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.51	±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)  LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	6.50	±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	LTE-FDD	6.50	±9.6
	AAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
	AAE	IEEE 802.11n (HT Mixed, 8.5 Mbps, BPSK)	WLAN	8.10	±9.6
	CAF		WLAN	8.13	±9.6
	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
	AAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
		IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN WLAN	8.48 8.08	±9.6 ±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 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, 5 MHz, 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, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 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
100000	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	1-1-07	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10256	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.96	±9.6
10257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	10.08	±9.6
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.34	±9.6
10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.98	±9.6
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.97	±9.6
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.24	±9.6
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	10.16	±9.6
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.23	±9.6
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	9.92	±9.6
10267	CAF		LTE-TDD	10.07	±9.6
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)  LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	9.30	±9.6
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 04-QAM)	LTE-TDD	10.13	±9.6
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	LTE-TDD	9.58	±9.6
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10277	CAD	PHS (QPSK)	WCDMA	3.96	±9.6
10278	CAD	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAG	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	11.81	±9.6
10290	CAG	CDMA2000, RC1, SO55, Full Rate	PHS	12.18	±9.6
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.91	±9.6
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.46	±9.6
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.39	±9.6
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	3.50	±9.6
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	CDMA2000	12.49	±9.6
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.81	±9.6
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	5.72	±9.6
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.39	±9.6
10301	CAC	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	LTE-FDD	6.60	±9.6
10302	CAB	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	CAA	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		WiMAX	15.24	±9.6
10000	UMM	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC)	WiMAX	14.67	±9.6

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10307	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC)	WiMAX	14.49	±9.6
0308	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, 15MHz, 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 10316	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	±9.6
10316	AAA	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%) Pulse Waveform (200 Hz, 20%)	Generic	10.00	±9.6
10354	AAA	Pulse Waveform (200 Hz, 40%)	Generic	6.99	±9.6
10355	AAA	Pulse Waveform (200 Hz, 60%)	Generic	3.98	±9.6
10356	AAA	Pulse Waveform (200 Hz, 80%)	Generic Generic	2.22	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	0.97	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.10	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	5.22	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAD	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc dc)	WLAN	6.27	±9.6
10401	AAA	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc dc)	WLAN	8.37 8.60	±9.6
10402	AAA	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc dc)	WLAN	8.53	±9.6 ±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	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	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	±9.6
10416	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
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	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, 43.3 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	AAG	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, Clippin 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
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAC	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc dc)	WLAN	8.63	±9.6
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	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
	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10461		LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.30	±9.6
10461 10462	AAC	THE THE PROPERTY OF THE TANKE OF CAMALIFICATION	LTE-TDD	8.56	±9.6
10461 10462 10463	AAD				
10461 10462 10463 10464	AAD AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10461 10462 10463 10464 10465	AAD AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD LTE-TDD	7.82 8.32	±9.6 ±9.6
10461 10462 10463 10464 10465 10466	AAD AAC AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD LTE-TDD LTE-TDD	7.82 8.32 8.57	±9.6 ±9.6 ±9.6
10461 10462 10463 10464 10465 10466 10467	AAD AAC AAC AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD  LTE-TDD  LTE-TDD  LTE-TDD	7.82 8.32 8.57 7.82	±9.6 ±9.6 ±9.6 ±9.6
10461 10462 10463 10464 10465 10466 10467 10468	AAD AAC AAC AAA AAF	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	7.82 8.32 8.57 7.82 8.32	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10461 10462 10463 10464 10465 10466 10467	AAD AAC AAC AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD  LTE-TDD  LTE-TDD  LTE-TDD	7.82 8.32 8.57 7.82	±9.6 ±9.6 ±9.6 ±9.6

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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
10512	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	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	±9.6
No.	-	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	±9.6
10517	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6
10518	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	±9.6
10519	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	±9.6
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±9.6
10521	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
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.45	±9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	±9.6
0525	AAC	IEEE 802.11a/n WiFi (20 MHz, MCS0, 99pc dc)	WLAN	8.27	±9.6
0526	AAF	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc dc)	WLAN	8.36	±9.6
0527	AAF	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc dc)	WLAN	8.42	±9.6
0528	AAF	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc dc)	WLAN	8.21	±9.6
0529	AAF	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc dc)	WLAN	8.36	±9.6
0531	AAF	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc dc)	WLAN	8.36	±9.6
0532	AAF	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc dc)	WLAN	8.43	±9.6
0533	AAE	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9,6
0534	AAE	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6
0535	AAE	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc dc)	WLAN	8.45	±9.6
10536	AAF	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6
0537	AAF	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc dc)	WLAN	8.32	±9.6
0538	AAF	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc dc)	WLAN	8.44	±9.6
0540	AAA	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc dc)	WLAN	8.54	±9.6
		552.1 140 VIII 1 (40 IVII 12, IVIO 30, 9900 UC)	WLAN	8.39	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	UncE k =
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
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc dc)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc dc)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc dc)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc dc)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc dc)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc dc)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc dc)	WLAN	8.45	
10554	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc dc)	WLAN		±9.6
10555	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc dc)	WLAN	8.48	±9.6
10556	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc dc)		8.47	±9.6
10557	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc dc)	WLAN	8.50	±9.6
10558	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc dc)	WLAN	8.52	±9.6
10560	AAC		WLAN	8.61	±9.6
		IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc dc)	WLAN	8.73	±9.6
10561	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc dc)	WLAN	8.56	±9.6
10562	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc dc)	WLAN	8.69	±9.6
10563	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc dc)	WLAN	8.77	±9.6
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	±9.6
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	±9.6
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	±9.6
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	±9.6
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	±9.6
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	±9.6
0570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	±9.6
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	±9.6
0572	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		
10574	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)		1.98	±9.6
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.59	±9.6
10577	AAC		WLAN	8.60	±9.6
0578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.6
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6
10579		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6
	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6
10583	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
0586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6
0587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6
0588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6
0589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6
0590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6
0591	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc dc)	WLAN		
0592	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc dc)	WLAN	8.63	±9.6
0593	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc dc)		8.79	±9.6
0594	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc dc)	WLAN	8.64	±9.6
0595	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
0596	AAA		WLAN	8.74	±9.6
0596	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc dc)	WLAN	8.71	±9.6
100000000000000000000000000000000000000		IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc dc)	WLAN	8.72	±9.6
0598	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
0602	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc dc)	WLAN	8.94	±9.6
0603	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc dc)	WLAN	9.03	±9.6
0604	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc dc)	WLAN	8.76	±9.6
0605	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6
0606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
0607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc dc)	WLAN	8.64	
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc dc)	7 7 L A A A	0.04	±9.6

10609	Rev	Communication System Name	Group	PAR (dB)	UncE k =
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc dc)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10612	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
10614	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
0616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc dc)	WLAN	8.82	±9.6
0617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc dc)	WLAN		
0618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc dc)	WLAN	8.81	±9.6
0619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc dc)		8.58	±9.6
0620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc dc)	WLAN	8.86	±9.6
0621	AAC		WLAN	8.87	±9.6
		IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
0622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc dc)	WLAN	8.68	±9.6
0623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
0624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6
0625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc dc)	WLAN	8.96	±9.6
0626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
0627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
0628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6
0629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
0630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6
0631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc dc)	WLAN	8.81	
0632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc dc)	WLAN	10.07	±9.6
0633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc dc)		8.74	±9.6
0634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc dc)	WLAN	8.83	±9.6
0635	AAC		WLAN	8.80	±9.6
		IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6
0636	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
0637	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
0638	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6
0639	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
10640	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc dc)	WLAN	8.98	±9.6
10641	AAC	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc dc)	WLAN	9.06	±9.6
0642	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc dc)	WLAN	9.06	±9.6
10643	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6
10644	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc dc)	WLAN	9.05	±9.6
10645	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc dc)	WLAN		
0646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)		9.11	±9.6
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	±9.6
0648	AAC	CDMA2000 (1x Advanced)	LTE-TDD	11.96	±9.6
0652	AAC		CDMA2000	3.45	±9.6
	1	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
0653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
0654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
0655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
0658	AAC	Pulse Waveform (200 Hz, 10%)	Test	10.00	±9.6
0659	AAC	Pulse Waveform (200 Hz, 20%)	Test	6.99	±9.6
0660	AAC	Pulse Waveform (200 Hz, 40%)	Test	3.98	±9.6
0004	AAC	Pulse Waveform (200 Hz, 60%)	Test	2.22	±9.6
0661				to chala	
17 11 1	AAC	Pulse Waveform (200 Hz, 80%)	lest	0.07	
0662	AAC	The state of the s	Test	0.97	
0662 0670	AAC	Bluetooth Low Energy	Bluetooth	2.19	±9.6
0662 0670 0671	AAC AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc)	Bluetooth WLAN	2.19 9.09	±9.6
0662 0670 0671 0672	AAC AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc)	Bluetooth WLAN WLAN	2.19 9.09 8.57	±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673	AAC AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc)	Bluetooth WLAN WLAN WLAN	2.19 9.09 8.57 8.78	±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674	AAC AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74	±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674	AAC AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675	AAC AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676	AAC AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676 0677	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676 0677 0678	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS8, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77 8.73	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676 0677 0678	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77 8.73 8.78 8.89	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676 0677 0678 0679	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS8, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77 8.73 8.78 8.89 8.80	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10661 10662 10670 10671 10672 10673 10674 10675 10676 10677 10678 10680 10681	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS8, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77 8.73 8.78 8.89 8.80 8.62	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676 0677 0678 0679 0680	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS8, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc) IEEE 802.11ax (20 MHz, MCS10, 90pc dc) IEEE 802.11ax (20 MHz, MCS11, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77 8.73 8.78 8.89 8.80 8.62 8.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676 0677 0678 0679 0680 0681 0682	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS8, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc) IEEE 802.11ax (20 MHz, MCS10, 90pc dc) IEEE 802.11ax (20 MHz, MCS11, 90pc dc) IEEE 802.11ax (20 MHz, MCS11, 90pc dc) IEEE 802.11ax (20 MHz, MCS11, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77 8.73 8.78 8.89 8.80 8.62 8.83 8.42	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0662 0670 0671 0672 0673 0674 0675 0676 0677 0678 0679 0680 0681	AAC AAD AAD AAD AAD AAD AAD AAD AAD AAD	Bluetooth Low Energy IEEE 802.11ax (20 MHz, MCS0, 90pc dc) IEEE 802.11ax (20 MHz, MCS1, 90pc dc) IEEE 802.11ax (20 MHz, MCS2, 90pc dc) IEEE 802.11ax (20 MHz, MCS3, 90pc dc) IEEE 802.11ax (20 MHz, MCS4, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS5, 90pc dc) IEEE 802.11ax (20 MHz, MCS6, 90pc dc) IEEE 802.11ax (20 MHz, MCS7, 90pc dc) IEEE 802.11ax (20 MHz, MCS8, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc) IEEE 802.11ax (20 MHz, MCS9, 90pc dc) IEEE 802.11ax (20 MHz, MCS10, 90pc dc) IEEE 802.11ax (20 MHz, MCS11, 90pc dc)	Bluetooth WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	2.19 9.09 8.57 8.78 8.74 8.90 8.77 8.73 8.78 8.89 8.80 8.62 8.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	UncE 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		
10693	AAA	IEEE 802.11ax (20 MHz, MCS10, 99pc dc)		8.29	±9.6
10694	AAA	IEEE 802.11ax (20 MHz, MCS11, 99pc dc)	WLAN	8.25	±9.6
10695	AAA		WLAN	8.57	±9.6
10696	AAA	IEEE 802.11ax (40 MHz, MCS0, 90pc dc)	WLAN	8.78	±9.6
10696		IEEE 802.11ax (40 MHz, MCS1, 90pc dc)	WLAN	8.91	±9.6
A STATE OF THE PARTY OF THE PAR	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)	WLAN	8.82	±9.6
10700	AAA	IEEE 802.11ax (40 MHz, MCS5, 90pc dc)	WLAN	8.73	±9.6
10701	AAA	IEEE 802.11ax (40 MHz, MCS6, 90pc dc)	WLAN	8.86	±9.6
10702	AAA	IEEE 802.11ax (40 MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6
10703	AAA	IEEE 802.11ax (40 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10704	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
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc dc)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc dc)	WLAN		
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc dc)		8.33	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc dc)	WLAN	8.29	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc dc)	WLAN	8.39	±9.6
10713	AAC		WLAN	8.67	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc dc)	WLAN	8.33	±9.6
		IEEE 802.11ax (40 MHz, MCS7, 99pc dc)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc dc)	WLAN	8.45	±9.6
10716	AAC	IEEE 802,11ax (40 MHz, MCS9, 99pc dc)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc dc)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc dc)	WLAN	8.24	±9.6
10719	AAC	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
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc dc)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc dc)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc dc)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc dc)	WLAN		
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc dc)		8.72	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc dc)	WLAN	8.66	±9.6
10729	AAC		WLAN	8.65	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc dc)	WLAN	8.64	±9.6
10731		IEEE 802.11ax (80 MHz, MCS11, 90pc dc)	WLAN	8.67	±9.6
	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc dc)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc dc)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc dc)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc dc)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc dc)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc dc)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc dc)	WLAN		
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc dc)	WLAN	8.40	±9.6
10743	AAC	IEEE 802.11ax (60 MHz, MCS0, 90pc dc)		8.43	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6
10745	AAC		WLAN	9.16	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc dc)	WLAN	8.93	±9.6
		IEEE 802.11ax (160 MHz, MCS3, 90pc dc)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc dc)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc dc)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc dc)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc dc)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
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
10769	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769		5G NR (CP-OFDM, 1 RB, 15MHz, 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
		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 (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAC		5G NR FR1 TDD	8.02	±9.6
10776	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAC	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAC	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10781	AAC	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAC	5G NR (CP-OFDM, 50% RB, 40MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10783	AAC	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37 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 ±9.6
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.03	±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	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	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
0818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 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	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
		5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)			
10827	AAD	30 MH (OF OF DIVI, 100% NB, 60 MHZ, QPSK, 30 KHZ)	5G NR FR1 TDD	8.42	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
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, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
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
10871	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10872	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10873	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10874	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10875	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	5.75	±9.6
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)		6.57	±9.6
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.65	±9.6
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.35 8.02	±9.6
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10892		5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10092	AAD				±9.6
10897	AAD			8.41 5.66	
		5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.66 5.67	±9.6
10897 10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	5.66 5.67 5.67	±9.6 ±9.6 ±9.6
10897 10898 10899	AAD AAD AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	5.66 5.67 5.67 5.68	±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900	AAD AAD AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900 10901	AAD AAD AAD AAD AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900 10901 10902	AAD AAD AAD AAD AAD AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900 10901 10902 10903	AAD AAD AAD AAD AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68 5.68 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900 10901 10902 10903 10904	AAD AAD AAD AAD AAD AAD AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68 5.68 5.68 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900 10901 10902 10903 10904 10905	AAD AAD AAD AAD AAD AAD AAD AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68 5.68 5.68 5.68 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900 10901 10902 10903 10904 10905 10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68 5.68 5.68 5.68 5.68 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10897 10898 10899 10900 10901 10902 10903 10904 10905 10906 10907	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66 5.67 5.67 5.68 5.68 5.68 5.68 5.68 5.68 5.68	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	UncE k =
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	
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	±9.6
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±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	5.84	±9.6
10926	AAD	FC NP (DET - OFPM 100% PB, SOMHZ, QPSK, 30 KHZ)	5G NR FR1 TDD	5.95	±9.6
DIVIDITE.		5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
0928	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
0930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
0931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0934	AAA.	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	
0937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		±9.6
0938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)		5.77	±9.6
0939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
0940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
0941	AAB	SC ND (DET a OFDM 50% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.89	±9.6
0942	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
		5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
0944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
0945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
0948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9,6
0949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
0950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
0951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	
0952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	10.102	±9.6
0953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)		8.25	±9.6
0954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
0955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
0956	AAB		5G NR FR1 FDD	8.42	±9.6
0957	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
0958		5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
0959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
0961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
0962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
0964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	
968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)		9.49	±9.6
0973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	11.59	±9.6
0974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
0978	AAA		5G NR FR1 TDD	10.28	±9.6
0979		ULLA BDR	ULLA	2.23	±9.6
	AAA	ULLA HDR4	ULLA	7.02	±9.6
0980	AAA	ULLA HDR8	ULLA	8.82	±9.6
0981	AAA	ULLA HDRp4	ULLA	1.50	±9.6
0982	AAA	ULLA HDRp8	ULLA	1.44	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
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

 $<sup>^{\</sup>mathsf{E}}$  Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.







# Appendix D. Photographs of EUT and Setup

Report Format Version 5.0.0 Issued Date : Jul. 04, 2023

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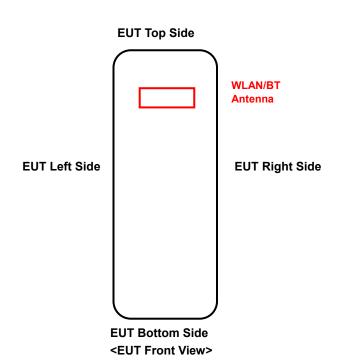


#### <Photographs of EUT>





#### <Antenna Location>



The separation distance for antenna to edge:

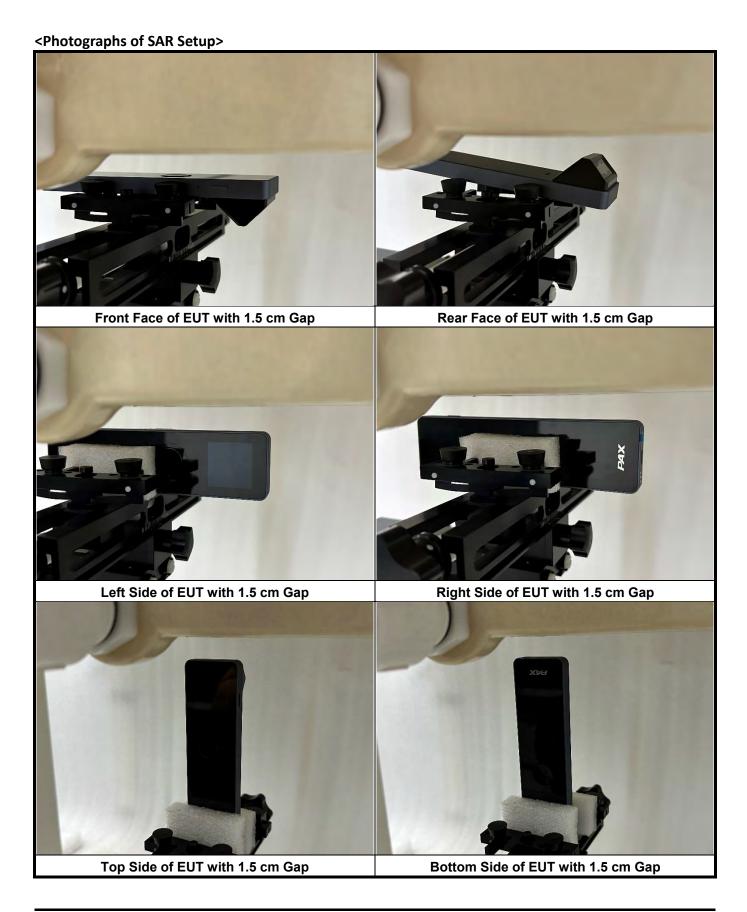
Antenna	To Top Side (mm)	To Bottom Side (mm)	To Left Side (mm)	To Right Side (mm)
WLAN / BT Ant	15	136	10	10

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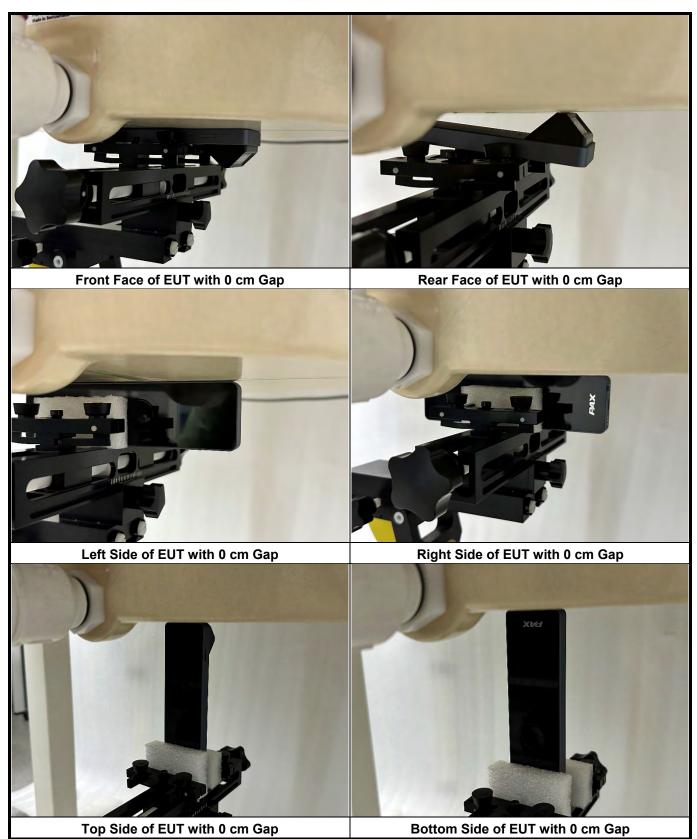


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