

# Appendix F. – Probe Calibration Data

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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Swiss Calibration Service

Accreditation No.: SCS 0108

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Client

HCT

Gyeonggi-do, Republic of Korsa

Certificate No.

ES-3076\_Jul23

#### **CALIBRATION CERTIFICATE**

Object

ES3DV3 - SN:3076

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-23.v6, QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

July 18, 2023

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 (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Pawer sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Pawer 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-22)	In house check: Oct-24

Function Name Calibrated by Jeffrey Katzman Laboratory Technician Approved by Sven Kühn Technical Manager Issued: July 18, 2023

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

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#### Glossary

TSL IIssue simulating liquid
NORMx,y,z sensitivity in free space
ConvF sensitivity in TSL / NORMx,y,z
DCP diode compression point

CF crest factor (1/duty\_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

Polarization \( \varphi \) \( \phi \) rotation around probe axis

Polarization θ θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., θ = 0 is

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system

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

- a) 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 E<sup>2</sup>-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 ConvE
- 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).

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July 18, 2023 ES3DV3 - SN:3076

#### Parameters of Probe: ES3DV3 - SN:3076

#### **Basic Calibration Parameters**

5/87/5-1	Sensor X	Sensor Y	Sensor Z	Unc $(k=2)$
Norm (μV/(V/m) <sup>2</sup> ) A	1.21	1.24	1.18	±10.1%
DCP (mV) B	106.0	105.0	104.0	±4.7%

#### Calibration Results for Modulation Response

UID	Communication System Name		dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> k = 2			
0	CW	X	0.00	0.00	1.00	0.00	209.5	±3.0%	±4.7%			
		Y	0.00	0.00	1.00		208.5					
		Z	0.00	0.00	1.00		199.2					
10352	Pulse Waveform (200Hz, 10%)	X	12.55	85.70	23.45	10.00	60.0	±1.6%	±9.6%			
	W E 95	Y	12.36	85.52	23.29		60.0					
		Z	14.22	87.77	23.67		60.0					
10353	Pulse Waveform (200Hz, 20%)	X	20.00	94.07	24.61	6.99	80.0 ±2	±2.5%	±9.6%			
		Y	20.00	94.11	24.55	810.20	80.0	. =317.001	- 10000 in			
		Z	20.00	93.40	23.84		80.0					
10354	Pulse Waveform (200Hz, 40%)	X	20.00	95.82	23.46	3.98	95.0		±3.7%	±9.6%		
	1. S. C. 1 (1. C. 1. C.	Y	20.00	96.10	23.57		95.0					
		2	20.00	94.83	22.58		95.0					
10355	Pulse Waveform (200Hz, 60%)	X	20.00	99.55	23.57	2.22	120.0	±3.9%	±3.9%	±9.6%		
		Y	20.00	100.53	24.06		120.0					
		Z	20.00	97.63	22.25		120.0					
10387	QPSK Waveform, 1 MHz	X	1.96	67.22	16.17	1.00	150.0	±2.5%	±2.5%	±2.5%	±2.5%	±9.6%
		Y	2.02	68.40	16.83	2000	150.0			2200000		
		2	1.76	66.00	15.20		150.0					
10388	QPSK Waveform, 10 MHz	X	2.71	70.78	17.03	0.00	150.0	±1.0%	±9.6%			
	Charles and the state of the st	Y	2.87	72.05	17.80		150.0	- Case 17CV				
		2	2.37	68.73	15.94		150.0					
10396	64-QAM Waveform, 100 kHz	X	4.51	75.83	21.27	3.01	150.0	±0.6%	±9.6%			
		Y	4.70	77.67	22.25		150.0					
		Z	3.75	72.58	19.73		150.0					
10399	64-QAM Waveform, 40 MHz	X	3.67	67.81	16.18	0.00	150.0	±1.8%	±9.6%			
	TEC. 27794 (2010) 13000 (A2700) (A2700)	Y	3.74	68.30	16.53	20000	150.0			155 Art 4		
		Z	3.60	67.47	15.91	1	150.0					
10414	WLAN CCDF, 64-QAM, 40 MHz	X	5.05	65.79	15.64	0.00	150.0	±3.8%	±9.6%			
		Y	5.07	66.04	15.84	(51(5.5))	150.0	100000	menter Co.			
		Z	5.02	65.86	15.63		150.0					

Note: For details on UID parameters see Appendix

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

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

Uncertainty parameter uncertainty for maximum specified field strength.
 Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the squere of the field value.



#### Parameters of Probe: ES3DV3 - SN:3076

#### Sensor Model Parameters

	C1 fF	C2 fF	и V-1	T1 msV <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V-2	T5 V-1	T6
X	69.3	493.88	35.07	29.81	3.34	5.10	0.66	0.66	1.01
у	63.3	451.09	35.12	29.79	3.18	5.10	1.05	0.51	1.01
Z	60.7	436.50	35.52	29.40	2.83	5.10	0.34	0.69	1.01

#### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	145.0°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	10 mm
Tip Diameter	4 mm
Probe Tip to Sensor X Calibration Point	2 mm
Probe Tip to Sensor Y Calibration Point	2 mm
Probe Tip to Sensor Z Calibration Point	2 mm
Recommended Measurement Distance from Surface	3 mm

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#### Parameters of Probe: ES3DV3 - SN:3076

#### 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)
6	55.0	0.75	5,33	5.33	5.33	0.00	1.00	±13.3%
13	55.0	0.75	5.80	5.80	5.80	0.00	1.00	±13.3%
750	41.9	0.89	6.37	6.37	6.37	0.40	1.64	±12.0%
835	41.5	0.90	6.11	6.11	6.11	0.62	1.28	±12.0%
900	41.5	0.97	5.98	5.98	5.98	0.66	1.25	±12.0%
1450	40.5	1.20	5.53	5.53	5.53	0.34	1.71	±12.0%
1750	40.1	1,37	5.35	5.35	5.35	0.74	1.11	±12.0%
1900	40.0	1.40	5.05	5.05	5.05	0.80	1.13	±12.0%
2300	39.5	1.67	5.00	5.00	5.00	0.53	1.47	±12.0%
2450	39.2	1.80	4.81	4.81	4.81	0.73	1.31	±12.0%
2600	39.0	1.96	4.59	4.59	4.59	0.80	1.27	±12.0%

Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), also it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at cellbration 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.

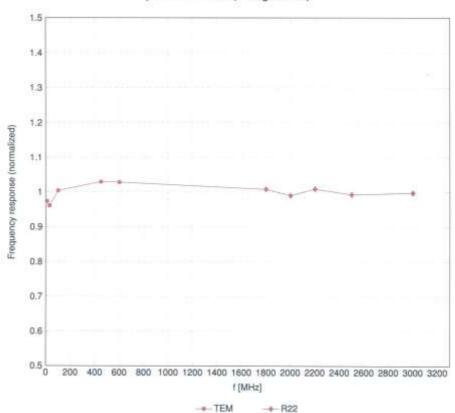
The probes are cellbrated using its save simulating liquids (TSL) that deviations from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the cellbration uncertainties are 11.1% for 3 - 6 GHz.

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



## Frequency Response of E-Field

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



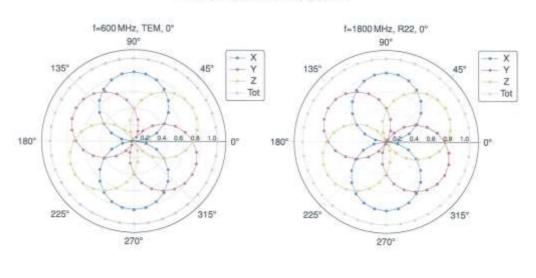
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

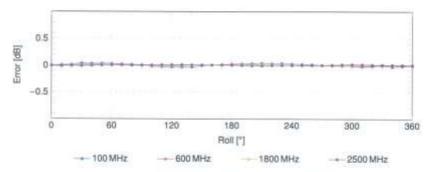
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## Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$





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

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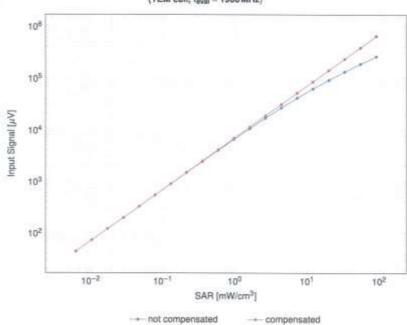
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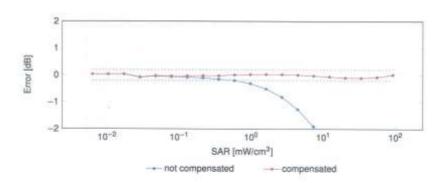


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## Dynamic Range f(SAR<sub>head</sub>) (TEM cell, f<sub>eval</sub> = 1900 MHz)





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

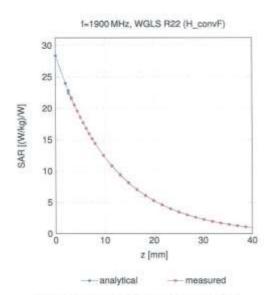
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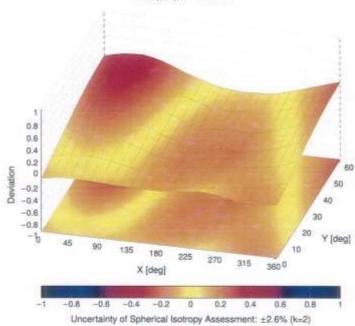


#### Conversion Factor Assessment



## **Deviation from Isotropy in Liquid**

Error  $(\phi, \theta)$ , f = 900 MHz



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### Appendix: Modulation Calibration Parameters

UID	Rev.	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 3
0		CW	CW	0.00	±4.7
0010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
0.011	CAC	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	9.56	±9.6
0.025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EOGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
0.027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
0028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
0029	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
0032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.5
0033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
0034	CAA	IEEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
0035	GAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
0036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	19.6
0.037	CAA	IEEE 802.15.1 Bluetpoth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-OPSK, DH6)	Bluetooth	4.10	±9.6
10030	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
0042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
0006	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	
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbos)	WLAN	2.12	±9.6
	CAB		WLAN		±9.6
10060	100000	IEEE 802.11b WIFi 2.4 GHz (DSSS, 5.5 Mbps)	11100000111	2.83	±9.6
10061	CAB	IEEE 802.116 WIF: 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	29.6
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/n WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	19.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WIF: 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	19.6
10072	CAB	IEEE 802.11g WIF: 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 WFi 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 WIF) 2.4 GHz (DSSS/OFOM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	GDMA2000	3.97	±9.6
10082	CAB	IS-64 / 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	19.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	LIMTS-FDD (HSLIPA, Subtest 2)	WCDMA	3.98	±9.6
0099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM.	9.55	±9.6
10100	CAF	LTE-FOD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FOD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TD0	9.29	29.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FOD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH		LTE-FDD	5.75	±9.6
10111	CAH		LTE-FDD	6.44	±9.6

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aiu	Bev	Communication System Name	Group	PAR (dB)	Uno <sup>®</sup> k =
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
0113	CAH	LTE-FOD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
0114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
0116	CAD	IEEE 802,11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
0117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
0118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	H.59	±9.6
0119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
0140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-F00	6.49	±9.6
0141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	0.53	±9.6
1142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-F00	5.73	19.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FOO	6,65	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDO	5.76	±9.6
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
0147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FOO	6.42	±9.6
0150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FOD	6.60	±9.6
151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
1152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	9.92	±9.6
1153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.8
0154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
0156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FOD	5.79	±9.6
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	业9.6
0159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
0160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
0161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	8.43	29.6
0162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
0166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	#9.6
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
0166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
0169	CAF	LTE-FOD (SC-FOMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
0170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	8.49	±9.6
0172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TOD	9.21	±9.6
0173	CAH	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
0174	100	LTE-TOD (SC-FDMA, 1 RB, 29 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0175	CAH	LTE-FOD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	#9.6
0176	CAJ	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 18-QAM)	LTE-FDD	6.52	±9.6
0177	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	5.73	±9.6
0179	CAH		LTE-FDD	6.52	±9.6
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0181	CAF	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	8.50	±9.6
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16 QAM)	LTE-FDD	5,72	±9.6
0183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FOD	5.52	29.6
0184	CAF	LTE-FDD (SC-FDMA, 1 RB, 35MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	5.73	±9.6
0186	AAF	LTE-FOD (SC-FDMA, 1 RB, 3MHz, 18-QAM)	LTE-FDD	6.51	±9.6
0186	CAG	LTE-FOD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	8.50	±9.6
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
0189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD LTE-FDD	8.52	29.6
0183	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.50	±9.0
0194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.09	±9.6
2195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)		1000000	±9.6
1196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.21	±9.6
0197	CAD	IEEE 802 11n (HT Mixed, 9-Mops, 16-QAM)	10000000	8.10	±9.6
0198	CAD	The state of the s	WLAN WLAN	8.13	±9.6
0219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	and the section of th	8.27	±9.6
0220	CAD		WLAN	8.03	±9.6
0221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.13	±9.6
0222	CAD	EEE 802.11n (HT Mixed, 72.2 Mbps, 8PSK)	WLAN	8.27	±9.6
0223	CAD		WLAN	8.06	±9.6
	TOTAL PROPERTY.	and the second of the second of the second s	WENN.	8.48	±9.6

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10225	Mary Consumption	Communication System Name	Group	PAR (dB)	Ung <sup>E</sup> k =
	CAC	UMTS-FDD (HSPA+)	WCDMA	5.07	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16 QAM)	LTE-TOD	9,49	±9.6
0227	CAC	LTE-TDO (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.26	19.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	19.6
0231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9.19	±9.6
0232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0233	CAH	LTE-TDO (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	19.6
0234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9.21	±9.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0236	CAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
0237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9.6
0238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0240	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
0241	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-TOD	9.82	19.6
0242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	19.6
0243	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
0244	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOO	10.06	±9.6
0245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDO	10.06	19.6
0246	CAE	LTE-TDD (SC-FOMA, 50% RB, 3MHz, QPSK)	LTE-TDD	9.30	19.6
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 18-QAM)	LTE-TOD	9.91	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOO	10.09	_
0249	CAH	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, GPSK)	LTE-TDO	9.29	19.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)		-	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOO	9.81	±9.6
0252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK)	LTE-TDO	10.17	±9.8
0253	CAG		LTE-TOD	9.24	±9.6
A Republication of the Party of	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
0.254	1. 1	I.TE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOD	10.14	±9.6
0255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	±9.6
0256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
0.257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9.fi
0258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	±9.6
0.259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TOO	9.98	±9.6
0260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 84-QAM)	LTE-TOD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TDD	9.24	±9.6
0262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOD	9.83	±9.6
0263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 84-QAM)	LTE-TDD	10.16	±9.6
0264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10286	CAH	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-TOD	10.07	±9.6
0267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-TOO	9.30	±9/6
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TDD	10.13	±9.6
0270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
0274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
0275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA.	3.96	±9.6
0277	CAA	PHS (QPSK)	PHS	11.81	±9.6
0278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11,81	±9.6
0279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.5
0290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
0.291	BAA	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
0585	AAB	CDMA2000, RC3, SO32, Full Rato	CDMA2000	3.39	±9.6
0293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
0295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
0297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	5.81	±9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.72	±9.6
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 18-QAM)	LTE-FDO	6.39	19.5
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDO	6.60	19.6
0301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	19.6
0302	AAA	IEEE 802:16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	19.6
0303	AAA	IEEE 802 16e WIMAX (31:15, 5ms, 10 MHz, 64QAM, PUSC)	WMAX		-
	AAA	IEEE 802 16e WMAX (29:18, 5ms, 10 MHz, 64QAM, PUSC)	WMAX	12.52	19.6
NAME OF TAXABLE PARTY.		THE PARTY OF THE PARTY (ED. 10, DING, LUMPIE, DAGINE, PUBL)	THINDIA	11.86	±9.6
0304	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAX	14.49	±9.6
10308	AAA,	IEEE 802.15e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.46	±9.6
10309	AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	XAMW	14.58	±9.8
10310	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FOD	6.06	±9.6
10313	AAA,	IDEN 1:3	IDEN	10.51	±9.6
10314	AAA	IDEN-1:6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps; 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle):	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA.	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA.	Pulse Waveform (200Hz, 60%)	Generic	2.22	#9.6
10366	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	54-QAM Waveform, 100 kHz	Generic	8.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	19.6
10401	AAE	IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802,11sc WIFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	19.6
10406	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	HAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Cont=4)	LTE-TDD	7.82	19.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.8
10415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 6 Nops, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 96pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, SMHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FOD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FOD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FOO	7.56	±9.6
10-44B	AAE	I,TE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10469	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	BAA	W-CDMA (BS Test Model 1, 84 DPCH, Clipping 44%)	WCDMA	7.59	±9.8
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WIFI (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	BAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9,6
10.459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA.	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9,6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10.464	AAD	LTE-TDD (SC-FDMA, 1 R8, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10.488	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.5
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.32	19.5

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
0473	AAF	LTE-TDD (SC-FDMA, 1 R8, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
0474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,32	±9.6
0475	AAF	LTE-TDD (SC-FDMA, 1 R8, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
0477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
0478	AAG	LTE-TOO (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
0479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
0.480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.18	±9.6
0.481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
0.482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	±9.6
0483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 15-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
0.484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.47	±9.6
0.485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.59	±9.6
0486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
0.487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.60	±9.6
0488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.70	±9.6
0489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
0.490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
0.491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
0.493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.55	±9.6
0.494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
0495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.37	±9,6
0.496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
0497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
0498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3.4,7,8,9)	LTE-TDD	8.40	±9.6
0499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subtrame=2,3.4,7,8,9)	LTE-TOD	86.8	±9.6
0500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
0501	CAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16 QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TD0	8.44	±9.6
0502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.52	±9.6
0.503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
0504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 15-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
0505	DAA	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
0506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe~2,3,4,7,8,9)	LTE-TDD	7.74	19.6
0507	AAG	LTE-TOD (SC-FOMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOO	8.36	±9.6
0.508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
0509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
0511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
0512	AAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
0513	AAG	LTE-TOD (SC-FDMA, 100% HB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
0515	AAA	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	#9.6
0516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
0517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1,57	±9.0
0518	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
0519	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
0520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.39	±9,6
0521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 16 Mbps, 99pc duty cycle)	WLAN	8.12	±9.5
0522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	7.97	19.6
0523	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mops, 99pc duty cycle)	WLAN	8.45	19.6
0524	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Wops, 99pc duty cycle)	WLAN	8.08	±9.6
0525	AAC	IEEE 802.11ac WIF (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.27	19.6
0526	AAC	IEEE 802.11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.36	±9.6
0527	AAC	IEEE 802.11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	19.6
1528	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.21	±9.6
3529	AAC	IEEE 802.11ac WIFI (20MHz, MCS4, 99pc duty cycle)	WLAN	8.36	19.6
0531	AAC	IEEE 802.11ac WIFI (20MHz, MCS8, 99pc duty cycle)	WLAN	8.36	19.6
0532	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 98pc duty cycle)	WLAN	8.43	±9.6
0533	AAC	IEEE 802.11ac WiFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0534	AAC	IEEE 802.11ac WiFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.38	±9.6
0535	AAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 99pc duty dycle) IEEE 802.11ac WIFI (40 MHz, MCS1, 99pc duty dycle)	WLAN	8.45	±9.6
0536	AAC		WLAN	8.45	±9.6
0537	AAG	IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	£9.6
0538	AAC	IEEE 802 11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.44	±9.6
0540		IEEE 802.11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
ALC: UNKNOWN	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

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0541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
0542	AAC	IEEE 802.11ac WiFl (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
0543	AAC	IEEE 802,11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
0544	AAC	IEEE 802.11sc WiFl (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.0
0547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	19.6
0548	AAC	IEEE 802 11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
0550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
0551	AAC	IEEE 802.11ac WIFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8:50	±9.6
0552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0553	AAC	IEEE 802,11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
0554	AAD	IEEE 802.11ac WIFI (160 MHz; MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
0555	CAA	IEEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.5
0556	AAD	IEEE 802,11ac WiFi (160 MHz, MCS2, 98pc duty cycle)	WLAN	8.50	±8.6
0557	AAD	IEEE 802.11ac WIFI (160 MHz, MGS3, 99pc duty cycle)	WLAN	8.52	19.6
0558	AAD	IEEE 802.11ac WIFI (180 MHz; MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
0560	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	19.6
0561	AAD	The state of the s	10000	100000	
0.582	AAD	IEEE 802.11ac WFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.8
-	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 99pc duty cycle)	- Control Control	111000	±9.5
0563	Accessed to the last of the la	IEEE 802.11ac WFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.5
0564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
0565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
0567	AAA	EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
0.568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
0.569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
0.571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0572	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9,6
0575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
0578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
0579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
0582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	主9.6
0583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.0
0584	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0585	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
0586	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
0587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
0590	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
0591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	19.6
0.592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0.593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
0594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
0.595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
0.596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8.71	19.6
0597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	19.5
0598	AAC	EEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0.599	AAC	IEEE 802,11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	
0.600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN		19.6
0601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, supe duty cycle)	WLAN	8,88	19.6
0.000	AAC	EEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)		8.82	±9.6
	AAC		WLAN	8.94	±9.6
0.603		IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	W.AN	9.03	±9.6
0.604	AAC	EEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	19.5
0605	AAC	EEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
0608	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WEAN	8.82	±9.6
0607	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.8
0.608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.5

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10609	AAC	IEEE 802.11ac WIFI (20 MHz, MC52, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	#9.6
10611	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10815	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8,82	±9.6
10617	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8,58	±9.6
10819	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WIFI (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	19.6
10623	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8,82	±9.6
10624	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	19.8
0629	AAC	IEEE 802.11ac WFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ag WIFI (80 MHz, MCS6, 90pc duty cycle) IEEE 802.11ag WIFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.81	±9.8
0633	AAC	to weat the first for the contract of the cont	WLAN	8.74	±9.6
	AAC	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	£9.6
10634	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	19.6
0636	AAD	IEEE 802.11ac WIFI (80 MHz, MCSB, 90pc duty cycle)	WLAN	8.81	±9.6
10637	AAD	IEEE 802.11ac WIFI (160 MHz, MCS0, 90pc duty cycle) IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.83	±9.5
0638	AAD		WLAN	8.79	±9.8
10639	AAD	IEEE 802.11ac WFI (150 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
18640	AAD	IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10641	AAD	IEEE 802,11ac WIFI (160 MHz, MCS4, 90pc duty cycle) IEEE 802,11ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.98	±9.6
10642	AAD	IEEE 802.11ac WiFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	9.06	±9.6
10844	AAD	IEEE 802.11ac WIFI (160 MHz, MCSR, 90pc duty cycle)	WLAN	8.89	19.6
10645	AAD	IEEE 802.11ac WIFI (160 MHz, MCSB, 90pc duty cycle)	WLAN	9.05	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TOO	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	±9.5
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.91	±9.6
0653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.5
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.96	±9.6
0655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDO	7.21	-
0658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.5
0661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
0662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	19.6
0670	AAA	Bluetoath Law Energy	Bluetooth	2.19	±9.6
0671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	19.6
0672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	
0673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
0674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	19.6
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
0676	AAC	IEEE 802.11ax (20 MHz, MCSS, 90cc duty cycle)	WLAN	8.77	
0677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
0678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	19.6
0679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	-
0680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
0681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
0682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	19.6
0683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
	17, 77, 77	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0685	AAC				

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UID	Rev	Communication System Name	Graup	PAR (dB)	Unc <sup>E</sup> k =
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
0688	AAC	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
0689	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
0692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	19.6
0683	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
0695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
0686	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
0697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
0698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
0489	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
0700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	19.6
0701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0.703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
0707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
0708	AAC	IEEE 802,11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	9.55	±9.6
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	W.AN	8.33	±9.6
0710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.5
0711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
0712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	19.6
0713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
0714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
0717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	19.6
0718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
0719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WI.AN	8.81	±9.6
0720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.87	±9.6
	AAC		WLAN	8.76	±9.6
0722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
0724	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WI_AN	8.70	±9.6
0725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
0726	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9.6
0727	AAC		WLAN	8.72	±9.6
0728	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.66	±9.6
0729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.65	±9.6
0730	AAC		WLAN	8.64	±9.6
0731	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.67	±9.6
0732	AAC	The state of the s	WLAN	8.42	±9.6
0733	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.46	#9.6
0734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.40	±9.6
0735	AAC	IEEE 802.11ax (80 MHz, MCSA, 99pc duty cycle)	WLAN	8.25	±9.6
0736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.33	±9.6
0737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	1100710000	8.27	±9.6
0738	AAC	IEEE 802.11ax (80 MHz, MCS7, 89pc duty cycle)	WLAN	8.36	±9.6
0739	AAC	(EEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0.740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	171177	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 98pc duty cycle)	WLAN	8.40	±9.6
743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.43	±9.6
3744	AAC	IEEE 802.11ex (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.94	±9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)		9.16	±9.6
0746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	8,93	±9.6
0747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.11	±9.6
0748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.04	±9.6
0749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.93	±9.6
0.750	AAC	IEEE 802.11ax (180 MHz, MCSR, 90pc duty cycle)	WLAN	8.90	19.6
on Facility.	AAG	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.79 8.82	±9.6
0751					

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A VID TRANSPORT	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10753	AAC	IEEE 802.11ax (180 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.8
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	#8'8
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	5.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	B.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8,53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	Wt,AN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	W.AN	8.54	±9.6
10.766	AAC	IEEE 802.11ax (160 MHz, MQS11, 99pc duty cycle)	WLAN	B.51	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10.768	AAD	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NA FA1 TDO	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.03	±9.6
10774	DAA	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.30	29.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15kHz)	SG NR FR1 TDD	8.42	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, OPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10783	AAE		5G NR FR1 TDD	8.43	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	50 NR FR1 TDD	8.35	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.44	±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.39	±9.6
10790	CAA	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.39	±9.6
10792	CAA	5G NR (CP-OFOM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10793	AAD	5G NR (CP-OFOM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.82	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84 7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FRI TDD	The State Committee of the Committee of	±9.6
10798	AAD	58 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	The Secretary Se	8.01	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TOD 5G NR FR1 TOD	7.89	±9.6
0801	AAD	5G NR (CP-OFDM, 1 R8, 80 MHz, QPSK, 30 kHz)	5G NR FRI TDD	A A CONTRACTOR CONTRAC	±9.6
0802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.93	±9.6
10805	AAD	5G NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.6
10806	CAA	5G NR (CP-OFDM, 50% RB. 15MHz, QPSK, 30 kHz)	5G NR FR1 TD0		±9.6
10809	CAA	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.37 8.34	19.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0812	CAA	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	SG 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
0819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
0820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.30	±9.6
0821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
0822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	The same product of the same o	8.41	±9.6
0823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD 5G NR FR1 TOD	8.41	±9.6
0824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.5
0825	AAD	5G NR (CP OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOO	8.39	±9.6
	-	5G NR (GP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.41 8.42	±9.6
0827	CAA				

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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, 10MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 50 kHz)	5G NR FR1 TDD	7.70	±9.6
0.838	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.68	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 WHz)	5G NR FR1 TDD	7.68	#9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 50 kHz)	5G NR FR1 TDD	7.70	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.67	±9.6
0843	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
0845	AAD	SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.34	±9.6
0854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8,41	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0856	AAD	SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	6.36	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60kHz)	50 NR FR1 TDD	8.37	±9.6
0.858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	19.6
0859	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FRI TOD	8.36	±9.6
0880	AAD	5G NR (CP-GFDM, 100% RB, 40 MHz, GPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10881	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.41	±9.6
0.863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.40	±9.6
0884	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0885	AAD	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0886	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41 5.68	±9.6
0868	AAD	5G NR (DFT-I-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		#9.6
0889	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.89	±9.6
0870	AAE	SG NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	and the second of the second o		±9.6
0871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
0872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100MHz, 16QAM, 120kHz)	5G NR FR2 TDD	6.52	±9.6
0873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	5-10-50-5	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61 6.65	±9.6
0875	AAE	5G NR (CP-QFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	SG NR FR2 TDO	7.78	
0876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TD0	8.39	±9.6
0877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TD0	7.95	117500
0878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDO	B.41	±9.6
0879	AAE	5G NR (CP-OFOM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDO	8.12	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	19.6
1880	AAE	5G NR (DFT-a-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	5.75	19.6
0882	AAE	5G NR (DFT-s-OFOM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.98	±9.6
0883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
0884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
0885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.61	±9.6
0886	AAE	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
0887	AAE	5G NR (CP-OFDM, 1 R8, 50MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
0888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
0889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
0890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.40	±9.6
0891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
0892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
0897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.66	±9.6
0898	AAB	5G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
0899	AAB	5G NR (DFT-a-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
0900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0901	AAB	SG NR (DFTs-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
0903	AAB	5G NR (DFT-e-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0904	AAB	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	50 NR FR1 TDD	5.78	19.6
0908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	19.6
0909	AAB	5G NR (DFT's OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.98	±9.6
0910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	20.0

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UID	Rev	Communication System Name	Group	PAR (dB)	Unct k = 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.93	±9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.84	±9.6
10913	AAE	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10918	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9,6
10918	AAC	5G NR (DFT-a-DFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.87	±9.6
10921	AAB	5G NR (DFT-a-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-a-DFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	£9.6
10927	AAB	5G NR (DFT-s-DFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5,52	±9.6
10929	AAC	5G NR (DFT-s-OFDM, 1 R8, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAG	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	29.6
10934	AAC	50 NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	±9.6
10936	AAG	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAG	5G NR (DFT-e-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	19.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-DFDM, 50% RB, 50 MHz; QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	56 NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 MHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% R8, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,87	±9.6
10949	AAC	5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10950	AAC	SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.87	29.6
10951	AAD	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	SG NR FRI FDD	The second section is	±9.6
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.15	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	The second second second second	29.6
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz)	SG NR FR1 FDD	8.42	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6 ±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.61	-
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FRI TOD	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15MHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAC	SG NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30HHz)	SG NR FRI TOD	9.00	Property and the
10985	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	SG NR FRI TOD	9.29	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.50	±9.6
10988	AAB		SG NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-4-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.5
10979	AAA	ULLA HDR4	ULLA		
10980	AAA	ULLA HDR8	ULLA	8.58	±9.6
10981	AAA	ULLA HDRp4	ULLA	3.19	19.6
	100000	ULLA HDRp8	JLLM.	45-139	±9.6

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UID Bev		Communication System Name	Group	PAR (dB)	Unct k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	SG 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 TOD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	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
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz; 64-QAM, 15kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CF-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	8G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64 QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFOM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	50 NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFOM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFOM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 54-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	19.6
11012	AAA	SG NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	19.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	B.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MC54, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 882.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCSS, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle).	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

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#### Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





Service sulsse d'étalonnage Servizio svizzero di taratura C 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

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7732\_Jun23

#### CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7732

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

June 20, 2023

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)

ID .	Cal Date (Certificate No.)	Scheduled Calibration
SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24
	SN: 104778 SN: 103244 SN: 1249 SN: 1016 SN: CC2552 (20x) SN: 680	SN: 104778         30-Mar-23 (No. 217-03804/03805)           SN: 103244         30-Mar-23 (No. 217-03804)           SN: 1249         20-Oct-22 (OCP-DAK15-1249 Oct22)           SN: 1016         20-Oct-22 (OCP-DAK12-1016 Oct22)           SN: CC2552 (20x)         30-Mar-23 (No. 217-03809)           SN: 660         16-Mar-23 (No. DAE4-660 Mar23)

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-22)	In house check: Oct-24

Function Calibrated by Jeffrey Katzman Laboratory Technician Technical Manager Approved by Sven Kilhn Issued: June 21, 2023

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

Certificate No: EX-7732\_Jun23

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage C Servizio svizzero di taratura

S Swiss Calibration Service

Accreditation No.: SCS 0108

## Glossary

tissue simulating liquid NORMx,y,z sensitivity in free space ConvF sensitivity in TSL / NORMx,y,z DCP diode compression point

Accredited by the Swiss Accreditation Service (SAS)

CF crest factor (1/duty\_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

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

Polarization or φ rotation around probe axis

 $\theta$  rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e.,  $\theta = 0$  is Polarization 6

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system

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

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)\*, October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

#### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 0 = 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
- 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.
- CorrvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for  $f \le 800\,\mathrm{MHz}$ ) and inside waveguide using analytical field distributions based on power measurements for  $f > 800\,\mathrm{MHz}$ . The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx, y,z " ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch. antenna
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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#### Parameters of Probe: EX3DV4 - SN:7732

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.51	0.50	0.50	±10.1%
DCP (mV) B	105.0	102.0	103.0	±4.7%

#### Calibration Results for Modulation Response

UID	Communication System Name		dB	B dB√μV	С	D dB	WR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	168.0	±2.5%	±4.7%
		Y	0.00	0.00	1.00		147.7		
3-57110:55		Z	0,00	0.00	1.00		148.3		
10352	Pulse Waveform (200Hz, 10%)	X	1.52	60.77	6.53	10.00	60.0	+2.9%	±9.69
		Y	1.48	60.41	6.03		60.0		
		Z	1.67	61,48	7.00		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.77	60.00	4.87	6.99	80.0	+2.0%	±9.69
		Y	18.00	74.00	9.00	-110	B0.0	200	- 500
		Z	0.78	60.00	5.03		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.50	60.00	3.02	3.98	95.0	±2.1%	±9.65
		Y	0.03	134.51	0.23		95.0	220000	- 000
		Z	0.01	126.18	0.57		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	4.79	157.04	18.24	2.22	120.0	±1.5%	±9.69
	2 5 5	Y	2.86	158.73	15.57		120.0		
		7	0.11	159.70	3.62		120.0		
10387	QPSK Waveform, 1 MHz	X	0.43	62.11	11.03	1.00	150.0	±4.2%	±9.69
		Y	0.59	65.52	13.44		150.0	77	-
		2	0.42	62.53	10.84		150.0		
10388	QPSK Waveform, 10 MHz	X	1.18	64.78	13.11	0.00	150.0	±0.8%	±9.69
		Y	1.41	66.99	14.55		150.0	3250	
		Z	1.19	65.14	13.19		150.0		
10396	64-QAM Wavelorm, 100 kHz	X	1.58	63.50	15.60	3.01	150.0	±1.4%	±9.69
		Y	1.66	64.75	17.15	11072571	150.0	-1170	11000
		Z	1.53	63.49	15.45		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.80	66.34	15.12	0.00	150.0	±2.9%	±9.69
		V	2.85	66.53	15.36		150.0	TO STATE OF	10000
		2	2.68	65.86	14.84		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.79	66.09	15.33	0.00	150.0	±4.5%	±9.6%
		Y	3.98	66.76	15.78	1	150.0	THE PERSON NAMED IN	4665
		2	3.80	66.26	15.38		150.0	2	

Note: For details on UID parameters see Appendix

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

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

Linearciation parameter uncertainty for maximum specified field exergit.

Linearciation parameter uncertainty for maximum specified field exergit.

Linearciation parameter uncertainty for maximum specified field exergit.

Linearciation parameter uncertainty is distormined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



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## Parameters of Probe: EX3DV4 - SN:7732

#### Sensor Model Parameters

	C1 fF	C2 IF	ν-1	T1 msV-2	T2 msV <sup>-1</sup>	T3 ms	T4 V-2	T5 V-1	T6
×	9.3	69.87	35.56	1.58	0.00	4.96	0.00	0.06	1.00
y.	9.6	71.52	35.05	1.66	0.00	4.90	0.00	0.00	1.01
Z	9.5	70.21	34.97	2.41	0.00	4.99	0.00	0.06	1.00

#### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-83.2*
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
Control Contro	11.11

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:7732

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

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
750	41.9	0.89	10.14	10.14	10.14	0.44	0.80	±12.0%
835	41.5	0.90	10.10	10.10	10.10	0.41	0.80	±12.0%
900	41.5	0.97	9.75	9.75	9.75	0.45	0.80	±12.0%
1750	40.1	1.37	9.01	9.01	9.01	0.28	0.86	±12.0%
1900	40.0	1.40	8.62	8.62	8.62	0.20	0.86	±12.0%
2300	39.5	1.67	8.06	8.06	8.06	0.29	0.90	±12.09
2450	39.2	1.80	8.50	8.50	8.50	0.28	0.90	±12.0%
2600	39.0	1.96	8.11	8.11	8.11	0.20	0.90	±12.09
3300	38.2	2.71	7.58	7.58	7.58	0.30	1.35	±14.09
3500	37.9	2.91	7.54	7.54	7.54	0.30	1,35	±14.09
3700	37.7	3.12	7.44	7.44	7.44	0.30	1.35	±14,0%
3900	37.5	3.32	7,00	7.00	7,00	0.40	1.60	±14.09
4950	36.3	4.40	6,35	6.35	6.35	0.40	1.80	±14.09
5250	35.9	4.71	5.87	5.87	5.87	0.40	1.80	±14.09
5600	35.5	5.07	5.12	5.12	5.12	0.40	1.80	±14.0%
5750	35.4	5.22	5.34	5.34	5.34	0.40	1.80	±14.09
5800	35.3	5.27	5.24	5.24	5.24	0.40	1.80	±14.0%

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 resquency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessed at 3 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.

The probles are calibrated using fissesse similating liquids (TSL) that deviate for a not or by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7-3 GHz and 13.1% for 3-6 GHz.

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



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#### Parameters of Probe: EX3DV4 - SN:7732

## Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
6500	34.5	6.07	5.65	5.65	5.65	0.20	2.50	±18.6%

G Frequency validity at 6.5 GHz is -800/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

The probes are calibrated using tissue simulating liquids (TSL) that deviate for e and or by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compressation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.

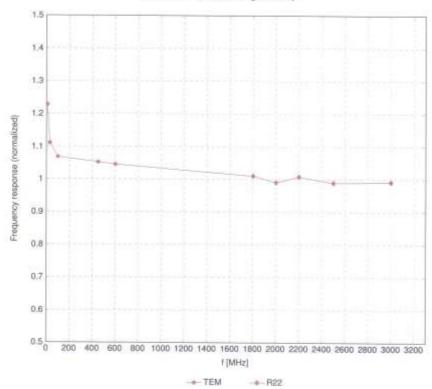


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### Frequency Response of E-Field

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



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

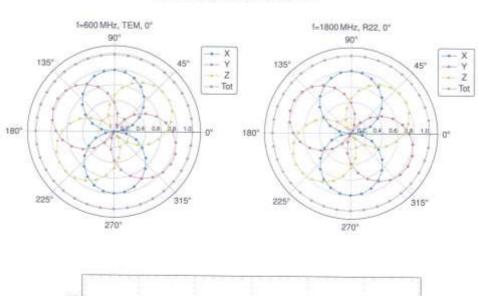
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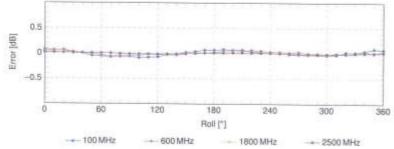
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## Receiving Pattern ( $\phi$ ), $\theta = 0^{\circ}$





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

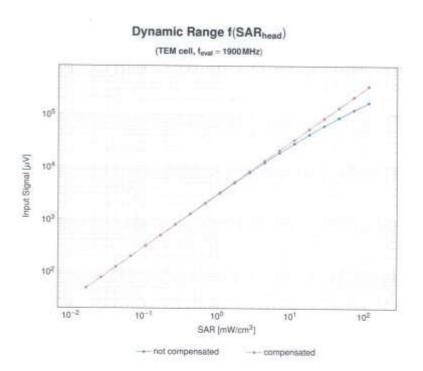
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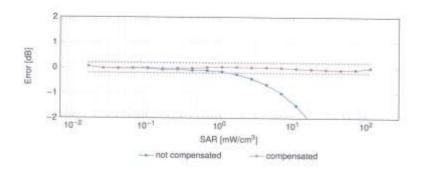
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Uncertainty of Linearity Assessment: ±0.6% (k=2)

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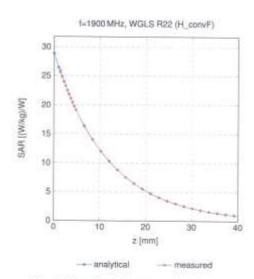
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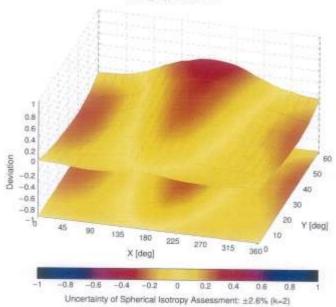
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#### Conversion Factor Assessment



## Deviation from Isotropy in Liquid

Error  $(\phi, \theta)$ , f = 900 MHz



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## Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Uncl. k =
10010	157.00	LI ZAROLI, LI LI LI PRIVINI DI	CW	0.00	±4.7
and the latest terminal	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10,00	±9.6
10011	CAC	LMTS FOD (WCDMA)	WCOMA	2.91	±9.8
0012	CAB	IEEE BOZ.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.67	£9.0
0013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OF DM, 6 Mbps)	WLAN	9.46	±9.6
0021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
0.083	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
0024	DAG	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	19.6
0025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±8.6
0858	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
0027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
0028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	+9.6
0059	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
0030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	19.6
0031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	+9.6
0032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DHS)	Bluetooth	1.16	±9.6
0033	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7.74	19.8
0034	CAA	IEEE 802.15.1 Bluetoom (PV4-DCPSK, DH3)	Bluetooth	4.53	±9.6
0035	CAA	IEEE 802 15.1 Bluetooth (PV4-DGPSK, DH5)	Bluetooth	3.83	The second second second
0036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluelooth	8.01	±9.6
1037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	
0038	CAA	IEEE 802 15.1 Bluetooth (8-OPSK, DHS)	Bluetooth	4.10	19.8
0039	CAB	COMA2000 (1xRTT, RC1)	CDMA2000		±9.6
0042	CAB	IS-54 / IS-136 FDD (TDMA/FBM, Pt/4-DQPSK, Halfrate)	AMPS	4.57	±9.6
0044	CAA	IS/B1/EIA/TIA-553 FDD (FDMA, FM)	The state of the s	7.78	±9.6
0048	CAA	DECT (TDD, TOMA/FDM, GFSK, Full Slot, 24)	AMPS	0.00	±8.6
0049	CAA	DECT (TDD, TOMA/FDM, GFSK, Double Stot, 12)	DECT	13.80	±8.0
0056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	DECT	10.79	±9.6
0058	DAC	EOGE-FOD (TDMA, BPSK, TN 0-1-2-3)	TD-SCDMA	11,01	±8.6
0059	CAB	IEEE 802,11b WH 2,4 GHz (DSSS, 2 Mbps)	GSM	6.52	±9.6
0060	CAB	IEEE 802.11b WFI 2.4 (IHz (DSSS, 5.5 Mbps)	WLAN	2.12	1:9.6
0061	CAB	IEEE 802.11b WF12.4 GHz (DSSS, 5.3 Mbps)	WLAN	2.63	±9.6
3800	CAD	IEEE 802 11ah WIF 5 GHz (OFDM; 6 Mbps)	WLAN	3.60	±9.6
0083	CAD		WLAN	8.68	±9.6
0064	CAD	IEEE BO2.11a/n WFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	+9.6
0005	CAD	IEEE BO2 11ah WFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
0000	CAD	IEEE 802.11a/n WIFLS GHz (OFDM, 18 Mhps)	WEAN	9.00	±9.6
0087	CAD	IEEE 802,11eh WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	0.36	±9,6
		IEEE 802.11ah WFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
8800	CAD	IEEE 802.11ah WFI 5GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
9900	CAD	IEEE 802.11wh WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9,6
1071	CAB	IEEE 802,11g WIFI 2.4 GHz (DSSS/GFDM, 9Mbps)	WLAN	9.83	±9.6
1072	CAB	IEEE 802,11g WFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9,62	±9.6
0073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	+9.6
1074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
0075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
0076	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
0077	CA8	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11,00	±9.6
0081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
0082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
080	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GŚM	6.56	±9.6
0097	CAC	UMTS-FDO (HSDPA)	WCOMA	3.98	±9.6
8604	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
099	DAC	EDGE-FDD (TDMA, 6PSK, TN 0-4)	GSM	9.55	+9.6
100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	5.67	+9.6
101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	±9.6
102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	#9.6
103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TOD	9.29	#9.6
1104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-TDD	9.97	
105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 84-QAM)	LTE-TDD	10.01	±9.6
1108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FOO	5.80	19.6
1.000	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDO	6.43	±9.6
109		The state of the s	LIE-FAD	0.63	+9.6
1110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDO	5.75	±9.6

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10112 10113 10114 10115 10116	CAH	LTE-FDD (SC-FDMA, 190% RB, 10 MHz, 64-QAM)	LTE-FDD	PAR (dB) 6.59	Uno" k = 2
10114					±9.6
10115		LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	±9.6
-	CAD	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	8.10	±9.6
	CAD	IEEE 802.11/i (HT Greenteld, B1 Mbps, 15-QAM)	WLAN	8.48	±9.6
	CAD	IEEE 802.11n (HT Greenlield, 135Mbps, 84-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802,11n (HT Mixed, 13.5Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802,11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FD0	6.53	+9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 18-QAM)	LTE-FDD	6.35	±9.8:
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB; 1.4MHz, QPSK)	LTE-FDD	5.76	±8.0
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 54-QAM)	LTE-FOO	6.72	£9.6
10.149	CAF	LTE-FD0 (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-F00	6.42	488
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FOO	6.50	19.6
10151	CAH	LTE-TDD (SC-FDMA, 50%, RB, 20 MHz, QPSK)	LTE-TOO	83.8	19.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOO	0.02	±9.6
10153	CAH	LTE-TOO (SC-FOMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOO	10.05	£9.6
10154	CAH	LTE FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
2012/06/2015		LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 18 QAM)	LTE-FDD	8.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 64-QAM)	LTE-FDD	6.62	±9.8
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	. d.8±
10162	CAF	LTE FDD (SC-FDMA, 80%, RB, 15MHz, 18-QAM)	LTE-FDD	6.43	#9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 84-GAM)	LTE-FOD	6.58	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDD	8.46	±9.0
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 54-QAM)	LTE-FDD	6.21	19.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, OPSK)	LTE-F00	8.79	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-F00	5.73	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDO	8.52	1.9.6
10172	CAH	LTE-TOO (SC-FOMA, 1 RB, 20 MHz, QPSK)	LTE-FOO	8.49	±8.6
10.173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, GPSA)	LTE-TOD	9.21	±9.6
10174	CAH	LTE-TOD (SC FDMA, 1 RB, 20 MHz, 64 QAM)	LTE-TOD	9.48	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-TOD	10.25	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RE, 10MHz, 16-QAM)	LTE-FDD	5.72	±9,6
10177	CAJ	LTE-FDD (SC FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	6.52	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	5.73	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FD0	6.52	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-F00	6.50	19.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-F00	0.50	+9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDO	5.72	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.52	±9.6
	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK)		6.50	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	1,TE-FDD	5.73	±9.6
0188	AAF	LTE-FDO (SC-FDMA, 1 RB. 3 MHz, 54-QAM)	LTE-FDD	8.51	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-F00	6.50	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 18-QAM)	LTE-FDD	5.73	±9:6
	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	1414.4	±9.6
	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, 8PSK)	WLAN	6.50 8.09	±9.6
	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.09	±9.6
0195	CAD	IEEE 802.116 (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
0196	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, BPSK)	WLAN	8.10	±9.6
0197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.10 8.13	±9.6
0.196	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.13	
	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)	WLAN	8.27 8.03	±9.6
		IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±5.6
	-	IEEE 802.11n (HT Mired, 72.2 Mbps, 64-QAM)	WLAN		±9.6
0227	CAD	IEEE 802.11n (HT Mised, 15 Mbps, BPSK)	WLAN	8.06	±9.6 ±9.8
	PRINCE L				
0222	CAD	IEEE 802.11n (HT Mired, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6

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10225	GAG	Communication System Name	Group	PAR (dB)	UncE k = 2
10229		UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10227	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±0.6
10228	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	69.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 R8, 3 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TOO	10.25	49.6
10231	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TOO	9.19	±9.0
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 18-QAM)	LTE-TOO	8.48	19.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TOO	10.25	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 R8, 5MHz, QPSK)	LTE-TOD	8.21	±9.6
10236		LTE-T00 (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
	CAH	LTE-TDD (SC-FOMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, CPSK)	LTE-TOD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TOD	9.48	29.6
10240	CAG	LTE-TOD (SC-FOMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	#9.6
0241		LTE-TOO (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TOD	9.21	±9.6
	CAC	LTE-TDD (SC-FDMA, 50% RB, 1,4MHz, 16-QAM)	LTE-TDD	9.82	±0.6
10242	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LIE-TOD	9.86	19.6
0243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±8.6
0244	CAE	LTE-TDD (SC-FDMA, 50% R8, 3MHz, 16-QAM)	LTE-TDD	10.06	19.6
0245	CAE	LTE-TDD (SC-FDMA, 50%, RB, 3MHz, 64-QAM)	LTE-TOO	10.06	±9.6
0247		LTE-TOD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TOD	9.30	+8.6
0248	CAH	LTE-TDD (BC-FDMA, 50% RB, 5MHz, 18-QAM)	LTE-TOO	9.91	±9.6
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TOO	10.09	19.6
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TOO	9.29	181
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TOO	9.81	±9.6
10:252	CAH	LTE-TDD (SC-FDMA, 50% HB, (DMHz, 64-QAM)	LTE-TOO	10.17	±9.8
0.253	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	0.24	±9.6
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9.90	±9.6
0255	CAG	LTE-TDD (8C-FDMA, 50% RB. 15 MHz, 64-QAM)	LTE-TOD	10.14	±9.6
0256	CAC	LTE-TDD (SC-FDMA, 50% RB, 18 MHz, QPSK)	LTE-TOD	9.20	±9.6
0257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.86	±9.0
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
0256	CAE	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TDD	9.34	±9.6
0360	CAE	LTE-TDO (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TOD	9.98	±9.6
0261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-TDD	9,97	±9.6
0262	CAH	LTE TOD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TDD	0.24	±9.6
0263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOD	9.83	±9.6
0264	CAH	LTE-TOD (SC-FOMA, 100% RB, 5MHz, 64-QAM)	LTE-TD0	10,16	±9.6
0285	CAH	LTE-TDD (SC-FDMA, 100% HB, 5MHz, QPSK)	LTE-TD0	9.23	±9.6
0266	CAH	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TOO	-0.902	±8.6
0.267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOO	10.07	±9.6
0268	CAB	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	8.30	±9:6
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	±9.6
0270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, GPSK)	LTE-TOD	10.13	±9.6
0274	CAC	UMTS-FDD (HSUPA, Sublest 5, 3GPP Rel8 t0)	LTE-TDD	9.58	±9.8
0275	CAC	UMTS-FDD (HSUPA, Sublest 5, 3GPP Hels.10)	WCDMA	4.87	±9:8
0277	CAA	PHS (QPSK)	WCDMA	3.96	±9.6
0278	CAA	PHS (QPSK, BW 884 MHz, Rotolf 0.5)	PHS	11.81	±9.6
0279	CAA	PHS (QPSK, 8W 884MHz, Rolloff 0.36)	PHS	11.81	±9,6
0290	AAB	GDMA2000, RC1, SOSS, Full Ratio	PHS	12.18	±9.6
0291	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	3.91	19.8
0282	AAB	CDMA2000, HC3, SO32, Full Ralle	COMA2000	3.46	±9.6
283	AAB	CDMA2000, RC3, SO3, Full Rate	GDMA2000	3.39	±9,6
0295	AAB	CDMA2000, RC1, SC3, 1/8th Rate 25 fr.	CDMA2000	3.50	19.8
297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	CDMA2000	12.40	±9.8
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 25 MHz, QPSK)	LTE-FDD	5,81	±9.6
1299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, GFSK) LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	5.72	±9.6
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-GAM)	LTE-FDD	6.39	±8.6
0301	AAA		LTE-FDD	6.68	±9.6
0302	AAA	IEEE 802.16e WMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.00	±9.6
0303	AAA	IEEE 802.18e WMAX (29:18, 5 ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	#9.6
0304	AAA	IEEE 802.16e WMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WMAX	12.52	±9.6
304	AAA	IEEE 802 16e WIMAX (29.18, 5 ms., 10 MHz, 64QAM, PUSC)	WMAX	11,86	±9.6
	mme	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	±9.6
	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WMAX	14.67	

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10307	AAA	IEEE 802 16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAX	14,49	19.6
10338	AAA	IEEE 802.16e WIMAX (29:16, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.46	£9.6
10309	AAA	IEEE 802 16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14:58	+9.6
10310	AAA	EEE 802.16e WMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 13	IDEN	10.51	+9.6
10314	AAA	IDEN 1:8	DEN	13.48	±9.6
10315	AAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1,71	±9.6
10316	AAB	ICEE 802 11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.38	±9.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFDM, 6Mbps, 96pc duty cycle)	WLAN	8.36	+9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	+9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Wavalorm (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 90%)	Generic	8.22	19.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	+9.6
10387	AAA	DPSK Waveform, 1 MHz	Clemenic	5.10	±9.6
10388	AAA	GPSK Waveform, 10 MHz	Generic	5.22	+9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generio	8.27	±9.6
10399	AAA	84-QAM Waveform, 40 MHz	Generic	6.27	±0.6
10400	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	+9.6
10402	AAE	IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	COMA2000 (1xEV-DO, Rey. 0)	CDMA2000	3.76	±9.6
10404	AAB	COMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	COMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9; Subframe Conf-4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generia	8.54	+9.6
10415	AAA	IEEE 802.11b WFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	+9.6
10418	AAA	IEEE 802 11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps. 99pc duty cycle)	WLAN	8.23	19.6
10418	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle; Short preambule)	WLAN	8.19	±8.6
10422	AAC	IEEE 802,11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	0.32	+9.6
10423	AAC	IEEE 802,11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	B.47	19.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HY Greenfield, 15 Mbps, BPSK)	WLAN	8.41	+9.6
10426	AAC	EEE 802.11n (HT Greenlield, 90 Mbps, 18-QAM)	WLAN	8.45	±9.8
10427	AAC	IEEE 802,11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	5.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	+9.6
10432	AAD	LTE-F00 (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±0.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDO (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subhame-2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-7M 3.1, Clipping 44%)	LTE-FOD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1, Olippin 44%)	LTE-FDD	7,53	+9.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Oliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCOMA	7.59	±9.6
10.453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	19.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 88pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	COMA2000 (1xEV-DO, Rev. B. 2 carriers)	CDMA2000	6.55	+9.6
10458	AAA	COMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9,6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA.	2.38	±0.6
10461	AAG	LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TOD	7.82	±9.8
10462	AAG	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-GAM, UL Subhame-2,3,4,7,8,9)	LTE-TOD	8.30	±9.6
10463	AAC	LTE TDD (SC-FOMA, 1 R8, 1.4 MHz, 64 QAM, U. Subframe-2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL Subhame=2,3,4,7,6,9)	LTE-TD0	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 54-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10.467	AAG	LTE-TDD (SC-FDMA, 1 R8, 5MHz, QPSK, UL Subharre=2,3,4,7,8,9)	LTE-TOO	7.82	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.32	+9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.56	±9/6
10469					
10469 10470 10471	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, U. Subframe-2.3.4,7.8.9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 15-QAM, UL Subframe-2.3.4,7.8.9)	LTE-TDD	7.82	±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subhame=2,3,4,7,9,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD:(SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe 2.3.4.7 8.9)	LTE-TDD	7.62	+9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subtrame=2.3.4.7.8.9)	LTE-TDD	8.32	19.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 54-QAM, LE, Schrame-2.3 4.7 8 G)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM, UL Subframe=2.3,4,7 8.9)	LTE-TDD	8.32	19.6
10478	AAG	LTE-TDD (BC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2.3.4.7.8.0)	LTE-TOO	8.57	+9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Signame-2.3.4.7.8.0)	LTE-TOO	7.74	19.0
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 15-QAM, UL Subtrame 2.3.4.7.8.0)	LTE-TDO	8.18	19.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subtrarra-2 3.4.7.8.9)	LTE-TOD	8.45	19.8
10.482	:AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subtrame 2.3.4,7.6.9)	LTE-TOD	7.71	±8.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-DAM, UL Subframe-2 3 4 7 8 0)	LTE-TOD	8.39	±9.6
10484	AAD	UTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UI, Subtrame-2,3.4,7,8.9)	LTE-TOD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe, 2.3.4.7.8.9)	LTE-TOO	7.59	18.6
T0488	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subtrams=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TOO (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subtrame=2.3.4.7.8.9)	LTE-TOD	8.60	±9.6
10488	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subtrame-2 3 4 7 8 %)	LTE-TDD	7.70	±9.6
10488	AAG	LTE-TOD (SC-FDMA, 50% RB, 10MHz, 16-GAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.31	±9.8
10490	AAG	LTE-TOD (SC-FDMA, 50% RB, 10MHz, 64-QAM, U. Subframe+2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7,74	19.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8,41	+9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% R8, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.0
10494	AAG	LTE-TDD (BC-FDMA, 50% RB, 20MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TOD	7.74	19.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 15-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TOO	B.37	19.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-GAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.54	
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TOO	7.57	±9.6
10498	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2.3.4,7.8.9)	LTE-TDD	8.40	
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.88	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subtrame=2.3,4,7,8,9)	LTE-TOD	7.67	
10501	CAA	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16 QAM, UI, Sutriane-2,3,4,7,8.9)	LTE-TDD	8.44	±9.6
10502	AAD	L7E-TDD (SC FDMA, 100% RB, 3 MHz, 54-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100'N RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 18-QAM, U. Subframe-2.3,4,7,8,9)	LTE-TOD	17155	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, U.S. Subframe=2.3,4,7 8.9)	LTE-TOD	8.31	#9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subtrame-2,3,4,7,8,9)	LITE-TOD	8.54	±9.6
10507	AAG	LTE-TOO (SC FDMA, 100% R8, 10MHz, 16-DAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10588	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.36	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe-2.3,4,7,8,9)	LTE-TDO	8.55 7.99	+9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subtrame=2,3.4.7,8.9)	UE-700		19.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subhame-2,3.4,7.8,9)	LTE-TOO	8,49 8,51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe+2,3,4,7,6,9)	LTE-TDD	7.74	19.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe-2.3.4.7.8.9)	LTE-TOO		±9.6
10514	AAG	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 54-QAM, UL Subtratre=2,3.4,7.8.9)	LTE-TOD	8.42	±9,6
10515	AAA	IEEE 802 11b WIFI 2.4 GHz (DSSS, 2Mbps, 89pc duty cycle)	WLAN	8.45	±9.6
10516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
18517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10518	AAC	IEEE 802.11ah WIFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	1.58	±9,6
10619	AAC	IEEE 902.11ah WFi 5 GHz (OFDM, 12 Mbps, 99pc duly cycle)	WLAN	8.23	±9.0
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	6.38	±9.6
10521	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 98pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN		±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 98pc duty cycle)		8,45	±0.6
10524	AAC	IEEE 802 11a/h WF) 5 GHz (OFDM, 54 Mbps, 99pc duty cycls)	WLAN	8.08	±9.6
10525	AAC	IEEE 802.11ac WiFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.27	±9.6
10526	AAC	IEEE 802.11ac WFi (20 MHz, MCS1, 98pc duty cycle)	WLAN	8.36	±9,6
10527	AAC	IEEE BOZ.11ac WFI (20MHz, MCSZ, 99pc duty cycle)	WLAN	8.42	±9.6
10528	AAC	IEEE 802.11ac WFI (20 MHz. MCS3, 99pc duty cycle)	WLAN	8.21	+9.8
10529	AAC	IEEE 802.11ac WFi (20 MHz, MCS4, 99pc oluly cycle)	WLAN	8.36	±9.8
10531	AAC	IEEE 800, 11sc WIFI (20MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10532	AAC	IEEE 802.11ac WIFI (20 MHz, MOS7, 99pc duty cycle)	WLAN	8.43	±9.6
10533	AAC	IEEE 802.11ac WIFI (20 MHz, MCSB, 99pc duty cycle)	WLAN	8.29	±9.6
10534	AAC	IEEE 803.11ac WP1 (40 MHz, MCS0, 99pc duty cycle)	WLAN.	6.38	#9.6
10535	AAC	IEEE 802 than WE (ANAMA MOST DON'S A A	WLAN	8.45	±9.6
10538	AAC	IEEE 802.11ac WF1 (40 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WF1 (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
10537	AAC	IEEE ann the USE (40 MHz, MUSZ, 99pc duly cycle)	WLAN	8.32	19.6
10538	AAC	IEEE 802.11ac WFI (40 MHz, MCS3, 99pc duty sycle)	WLAN	8.44	±9.6
10540	AAC	IEEE 802 11ac WF1 (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.8
0.340	Metal.	IEEE 802.11ac WiFi (40 MHz, MCS6, 98pc duty cycle)	WLAN	8.39	±9.6

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10541	AAC	IEEE 802.11ac WiFi (40 MHz, MGS7, 99pc duty cycle)	WLAN	8.46	+9.6
10542	AAC	IEEE 802.11ac WiFI (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	6.65	29.6
0544	AAC	IEEE 802,11sc WIF1 (86 MHz, MCS0, 99pc duty cycle)	WLAN	6.47	±9.6
0545	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.95	±9.6
10545	AAG	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
0547	AAC	JEEE 802.11ac WFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10.548	AAC	IEEE 802.11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	19.6
0550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10862	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty (vole)	WLAN	8.45	±9.6
10564	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duly cycle)	WLAN	8.48	89.6
0555	AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	B.47	±9.6
0556	AAD	IEEE 802.11ab WIFI (180 MHz, MCS2, 99pc duty cycle)	WLAN	1000	#9.6
0557	AAD	IEEE 802.11ac WiF (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.50	±9.6
10558	AAD	IEEE 862.11ac WFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.52	±9.6
0560	AAD	IEEE 802.11ac WFF (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.61	±9.6
0561	AAD	IEEE 802.11sc WIFI (180 MHz, MCS7, 89pc duty cycle)	100000	8.70	£9.6
0582	AAD	IEEE 802.11ac WiFi (180 MHz, MC58, 99pc duty cycle)	WLAN	8.56	±9.0
0563	AAD	IEEE 802.11ac WFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.69	19.6
0564	AAA	IEEE 802 11g WIFL 2.4 GHz (OSSS-OFDM, 9 Mbps, 99pc duty cycle)	W.AN	8.77	±0.6
0565	AAA	IEEE 802.11g Wilfi 2.4 GHz (DSSS-OFDM, 12 Mbps. 98pc duty cycle)	WLAN	8.25	±9.6
0566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 98pc duty cycle)	WLAN	6.45	±9.6
0567	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8,13	±9.6
0568	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 36Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
0568	AAA	IEEE 800 11s WAS 2.4 CHY IDDDO OCTIVE 4000 100	WLAN	8.37	±9.6
0570	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0571	AAA	IEEE 882.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 95pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	8.30	±9.6
0572	AAA	IEEE 902 115 WIFT 2.4 GPU (DISSS, 1 Mbps, 90pc duty cycle)	WLAN	1.39	±9.6
0573	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 2 Mbps, 80pc duty cycle)	WLAN	1.99	±9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5Mbps, 90pc duty cycle)	W.AN	1.98	±8.6
0575	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.0
0576	AAA	IEEE 802 11g WilFi 2.4 GHz (DSSS-OFDM, fi Mbps, 90pc duty cycle)	WLAN	8.59	±5.6
0577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0578		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	#9.6
0579	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
05/9	1.0001	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8,38	±9.6
0581	AAA	IEEE 802,11g WIFi 2.4 GHz (DSSS-OFDM, 38 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0582	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	6.35	±9.6
27.7	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
0583	AAC	IEEE 802.11am WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.0
0584	AAC	IEEE 802 11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
2585	AAC	IEEE 802.11 wh WiF: 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	+9.6
0586	AAC	IEEE 802 11ah WF1 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
0587	AAC	IEEE 802.11a/n WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
	AAC	IEEE 802.11 m/s WFI 5 GHz (OFDM, 36 Mops, 90pc duty cycle)	WLAN	8.76	+9.6
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
	AAC	IEEE 802,11a/h WFi 5 GHz (OFDM, 54 Mops, 90pc duty cycle)	WLAN	8.67	±9.6
0591	AAC	IEEE 802 11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
and the latest terminal termin	AAC	IEEE 802.11s (HT Mixed, 20 MHz, MCS1, 90pc duty cycle).	WLAN	8.79	±9.6
	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	B.64	19.6
100000	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 80pc duty cycle)	WEAN	6.74	15.6
terior for an in-	AAC	IEEE 802 11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	B.74	±9.6
	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
77.7	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty dycle)	WLAN	8.72	19.6
Advisor book and	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
	AAG	IEEE 802,11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty byold)	WLAN	8.88	
	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	#9.6
002	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.82	±9.6
603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
504	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	770700	19.6
1005	AAC	IEEE 802.11n (HT Missed, 40 MHz, MCS6, 90pc duty cycle)		8.76	±9.6
	AAC	IEEE B02.11n (HT Mixed, 40 MHz. MCS7, 90pc duty cycle)	WLAN	8.97	±9.6
		IEEE 802.11ac WiFi (20MHz, MCSO, 90pc duty cycle)	WLAN	8.62	±9.8
	ACCOUNTS NOT		WLAN	8.84	±9.6
mental and the		IEEE 802,11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	+9.6

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10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	+9.6
10810	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	+9.0
10611	AAC	IEEE 802,11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	6.70	8.9.6
10812	AAG	IEEE 802.11ac WFr (20 MHz, MCS5, 90pc duty cycle)	WLAN	6.77	±9.6
10613	AAC	IEEE 802.11ac WFI (20 MHz, MCSB, 90pc duly cycle)	WLAN	8.94	+9.6
10814	AAG	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	£9.6
10815	AAC	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.62	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	19.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802, 11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCB3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAG	IEEE 802.11ac WiFI (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±8.6
10622	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.88	#9.6
10823	AAC	IEEE 802.11ac WIFi (40 MHz, MCB7, 90pc duty cycle)	WLAN	8.82	+9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0625	AAC	IEEE 802.11ac WIFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	19.6
0656	AAC	IEEE 802 11ac WF1 (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0827	AAC	IEEE 802:11ad WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.0
0628	AAC:	IEEE 802.11ao WFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
0829	AAC	IEEE 802,11ab WF1 (80 MHz, MCS3, 90pc duty byole)	WLAN	8.85	±9.6
0690	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cyclo)	WLAN	8.72	+8.6
0631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
0832	AAC	(EEEE 802.11ac WFI (BDMHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0.633	AAC	IEEE 802 11ac WIF1 (80MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802 11ac WIFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
0635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.8
0636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0637	AAD	(EEE 802 11ac W/FI (166 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0639	AAD	IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
0641	AAD	IEEE 802 11ac WIFI (160 MHz, MCS5, 90pc duly cycle)	WLAN	9.05	±9.6
0642	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
0643	AAD	IEEE 802 11ec WFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
0644	AAD	IEEE 802, thac WIFI (160 MHz, MCS8, 90pc duty cycle)	WEAN	9.05	±9.6
0645	AAD	IEEE floz 11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
0646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TOO	11.96	±9.6
0647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, OPSK, UL Subtrame=2,7)	LTE-TOO	11,96	±9.6
0648	AAA	COMA2000 (1x Advanced)	CDMA2900	3.45	±9.6
0652	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3:1, Clipping 44%)	LTE-TDD	8.91	±8.6
0653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
0654	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	0.96	+9.5
0655	AAF	LTE-TOO (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
0658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±0.6
0659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
0660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
0661	AAB	Pulse Wineform (200Hz, 60%)	Test	2.22	±9.6
0.685	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	19.6
0670	AAA	Bluetooth Low Energy	Bluetooth	2.19	+9.8
0671	AAC	IEEE 802 11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
0672	AAG	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	19.6
0673	AAC	IEEE 802 11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	+9.6
1674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	W.AN	8.74	±9.6
1675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	19.6
1676	AAC	IEEE 802,11ax (20 MHz, MCSS, 90pc duty cycle)	WLAN	8,77	#9.6
0677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pt duty cycle)	WLAN	8,79	±9.6
1678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	=9.6
0679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.89	+9.6
0880	AAC	IEEE 802.11ax (20MHz, MCSS, 90pc duty cycle)	WLAN	8.80	±9.8
881	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	19.6
1682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	19.6
0683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
3684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
					100 100 100
0686	AAC	IEEE 802.11ax (20MHz, MCS2, 98pc duty cycle) IEEE 802.11ax (20MHz, MCS3, 98pc duty cycle)	WLAN	8.33	±9.6

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10687 10688 10689		Communication System Name	Group	PAR (dB)	Uno $k = 2$
	AAG	IEEE 802.11ax (26 MHz, MCS4, 99pc duty cycle)	WLAN	8,45	±9.6
	AAC	IEEE 802 11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
	AAC	IEEE 802.11 (x (20 MHz, MCS6, 99pc duty cycle)	WLAN	6.55	29.6
10660	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	49.6
10691	AAC	IEEE 802.11 ax (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.25	±8.6
10692	AAC	IEEE 802.11sx (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10893	AAC	IEEE 802,11ax (20 MHz, MCS10, 89pc duty cycle)	WLAN	0.25	±9.6
10694	AAC	IEEE 802 11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±8.6
10695	AAC	IEEE 802,11ax (40MHz, MCS0, 90pc duty cycle)	WLAN	8.78	19.6
10696	AAG	IEEE 802.11ax (40 MHz, MGS1, 80pc duty cycle)	WLAN	8,91	±9.6
10897	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10898	AAC.	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10/099	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE B02.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802 11 ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0703	AVC	IEEE 802 11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	#9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
0705	AAG	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±8.6
0706	AAC	IEEE 802.11 ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	19.6
0707	AAC	IEEE 802.11as (40 MHz, MCS0, 99pc duty cycle)	WLAN	8-32	±9.6
0706	AAC.	IEEE 802,11ax (40 MHz, MCS1, 99pc duty cycle)	WCAN	8.55	19.6
0710	AAC	IEEE 802,11ax (40 MHz, MCS2, 99pc duty cycle)	W.AN	8.33	±9.8
50000	17.00	IEEE 802 11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	19.8
0711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
0713	AAC	IEEE 802,11ax (40 MHz, MC55, 99pc duty cycle)	WLAN	8.67	±9.6
0714		IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
0715	AAC	IEEE 802,11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0716	AAC	IEEE 802,11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0716	AAC	IEEE 802,11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
0718	AAC	IEEE B02 11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.8
0719	Carbon Cont.	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8,24	±9.6
0720	AAC	EEE 802 11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
0721	AAC	EEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	19.6
0722	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±8.6
0723	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±8.6
0724	AAC	IEEE 802,11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0725	AAC	IEEE 802,11ax (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	±9.6
0726	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0727	AAC	IEEE 802,11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
0728	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)	WLAN	8.66	±8.8
0729	AAC		WLAN	8.65	±9.6
0730	AAG	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.64	19.6
0731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.67	±9.6
0732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
0733	AAC	IEEE 802.11ax (80 MHz, MCS2, 98pc duty cycle)	WLAN	8.45	±9.6
0734	AAC	IEEE 802.11ax (80 MHz, MCS3, 98pc duty cycle)	WLAN	8.40	±5,8
0735	AAC	IEEE 802.11ax (80 MHz, MCS4, BBpc duty cycle)	WLAN	8.25	±9.6
0736	AAC	HEEE 802.11ax (80 MHz, MC55, 99pc duty cycle)	WLAN	8.33	±9.6
2737	AAC	IEEE 802.11ax (80 MHz. MCS8, 98pc duty cycle)	WLAN	8.27	±9.6
0738	AAC	IEEE 802.11ex (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.36	±9.6
0739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±8.6
740	AAG	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
741	AAC	IEEE 802.11ax (80 MHz, MCSN, 99pc duty cycle)	WLAN	8.48	±9.6
742	AAC	EEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.40	±9.8
the factor of the	AAG.	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	19.6
	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.94	±9.6
2111	AAC	IEEE 822 11 av (160 May 140 Ma	WLAN	9:16	±9.6
746	AAC	IEEE 802.11ax (160MHz, MCS2, 80pc duty cycle)	WLAN	8.93	±9.6
-		IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle)	WLAN	8.11	+9.8
	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.04	±9.6
		IEEE 802 11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.93	±9.6
748	AAC .		MAY AND		
748	AAC	IEEE 993 11 as (180 MHz MCTC 90as dut, codo)	WLAN-	8.90	+9.6
748 749 750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
748 749 750 751	AAC AAC	IEEE 802.11ax (160 MHz, MC57, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC58, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC58, 90pc duty cycle)		2007	

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10.753	Rev	Communication System Name	Group	PAR (dB)	UncE A = 2
10758	AAC	IEEE 802.11.bx (180 MHz, MCS10, 80pc duty cycle)	WLAN	9.00	±9.6
0755	AAC	IEEE 802 11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	19.6
10756	AAG	IEEE 802 11ax (180 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.8
10757	AAC	IEEE 802.11ax (160 MHz, MCS1, 88pc duty cycle)	WLAN	8.77	±9.0
10758	AAC	IEEE 802.11ax (160 MHz, MCS2, 98pc duty cycle)	WLAN	8.77	±9.6
10750	AAC	IEEE B02.11au (160 MHz, MCS3, 96pc duty cycle)	WLAN	8.69	+9.6
10760		IEEE 802.11ax (160 MHz, MCS4, 98pc duty cycle)	WLAN	8.58	±9.6
10761	AAC	IEEE 802.11ax (160MHz, MCSS, 99pc duty cycle)	WLAN	8,49	#0.0
10762	AAC	IEEE 802.11ax (160 MHz. MC56, 98pc duty cycle)	WLAN	8.58	#9.6
10762	AAC	IEEE 802 11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.49	#8.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS8, 95pc duty cycle)	WLAN	8.53	10.6
10765	AAC	IEEE 802,11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10786	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10767	AAE	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 5 MHz, CPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10769	AAD	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	19.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TOD	8.01	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±9.6
10773	AAD	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	50 NR FRT YDD	8.23	±9.6
10774	AAD	SG NR (CP-OFOM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.00	±9.6
10775	LAAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9,6
10776	AAD	SG NR (CP-OFDM, SDN, RB, SMHz, QPSK, 15kHz)	5G NR FRH TOD	8.31	±9.6
10777	AAG	SG NR (CP-OFOM, 50% AB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDO	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAC	SG NR (CP-OFOM, 50% RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.34	±9.6
10780	AAD	SC NO CO CCOM SIN SO TOME, COST, TORRES	5G NR FR1 T00	8.42	±9.6
10.781	AAD	SG NR (CP-OFOM, 50% RB, 30 MHz, OPSK, 15kHz)	5G NR FR1 TDD	0.38	19.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, CPSK, 15 kHz)	SG NA FR1 TDD	8.38	±9.6
10783	AAE	50 NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10784	AAD	53 NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8,31	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15 kHz)	5G NR FH1 TDD	8.29	±9.6
10.786	AAD	5G NR (CP-OFDM, 100N, RB, 15MHz, QPSK, 15MHz)	SG NA FRI TDD	B.40	±9.6
10787	AAD	9G NR (CP-OFDM, 100% RS, 20MHz, QPSK, 15 kHz) 9G NR (CP-QFDM, 100% RB, 25MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15kHz)	5G NA FAI TOD	B.44	±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	B.39	±9.6
10.790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.8
10791	AAE	50 NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30 HHz)	5G NR FR1 TDD	8.39	±9.6
10792	AAD	SG NR (CP-OFDM, 1 R8, 10MHz, QPSK, 30MHz)	5G NR FR1 TDD	7.83	±9.6
0793	AAD	5G NF (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.92	±9.6
0794	AAD	5G NR (CP-OFOM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10795	AAD	5G NR (CP-OFOM, 1 R8, 25 MHz, QPSK, 30 kHz)	SG NR FR1 T00	7.82	±9.0
0796	AAD	5G NR (CP-OFDM, 1 R8, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	7.84	±9.8
10797	AAD	50 NR ICP-OFOM, 1 RB, 40 MHz, OPSK, 30 KHz)	5G NR FR1 TDD	7.82	±9.6
10788	AAD	53 NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
0799	AAD	5G NR (CP-CFOM, 1 RB, 60 MHz, CPSK, 30 kHz)	SG NR FR1 TDD	7,89	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	50 NR FRI TDD	7.93	±9.6
10802	AAD	59 NR (CP-OFDM: 1 RB, 90 MHz, CPSK, 30 kHz)	5G NR FR1 TOD	7.89	±9.6
0.803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FRI TDD	7.93	±9.6
10806	AAD	50 NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30%Hz)	5G NR FRI TOD	8.34	±9.6
10809	AAD	SG NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30MHz)	5G NR FR1 TDD	8.37	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	8.34	±9.6
0812	AAD	50 NR (CP-OFDM, 50% RB, 60MHz, CPSK, 308Hz)	5G NR FR1 TDD	8.34	±9.6
0817	AAE	5G NR (CP-OFDM, 100% AB, 5MHz, QPSK, 30%Hz)	50 NR FR1 TD0	8.35	±9.6
0818	AAD	5G NR (CP OFOM, 100% RB, 10 MHz, CPSK, 30 kHz)	5G NR FR1 TDO	8.35	#9.6
10819	AAD	5G NR (CP-OFOM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.34	#9.6
0820	AAD	5G NR (CP-OFOM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8.33	±9.6
5821	AAD	5G NR (CP-CFCM, 100% RB, 25 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8,30	19,6
0822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 MHz)	SG NR FRI TDD	8.41	±9.6
0823	AAD	5G NR (CP-CFDM, 100% RB, 40 MHz, CPSK, 30 MHz)	5G NR FRt TDD	8,41	±9.6
0824	AAD	5G NR (CP-CFDM, 100% RB, 45MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
0825	AAD	50 MB (CD CHOM 100% PD, SUMPL, CIPSE, SURPL)	5G NR FR1 TDD	8.39	±9.6
0827	AAD	5G NR (CP-OFDM, 100% RB, 60MHz, QPSK, 30MHz) 5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 30MHz)	50 NR FR1 TDD	8.41	±9,6
WINE F.		5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 MHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.42	±9.6
0828	AAD			0.43	+9.6

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10829	AAD	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TOD	B.40	±9.6
10830	DAA	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	19.0
10832	CAA	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.73	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FRI TDD	7.74	±9.8
10834	AAD	SG NR (CP-OFDM, 1 RB, 25MHz, QPSK, 60 kHz) SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 80kHz)	5G NR FR1 TDD	7.76	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 80NHz)	5G NR FR1 TDO	7.70	#9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.66	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.68	±9.6
10840	AAD	5G NR (CP-OFDM, 1 R8, 90 MHz, OPSK, 80 kHz)	5G NA FRI TDO	7.70	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, CPSK, 60 kHz)	SG NR FRI TOO	7,71	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 50 kHz)	5G NA FRI TOD	8.49	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10B54	AAD	5G NR (CP-QFDM, 100% RB, 10MHz, QPSK, 60kHz)	SG NR FR1 TDD	8.41	19.5
10855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.34	19.0
10856	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 60kHz)	5G NA FAT TOD	8.36	±9.6
0857	AAD	SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60kHz)	50 NR FRI TOD	8.37	±9.fi
0858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, CPSK, 80 kHz)	5G NR FR1 TDD	8.35	±9.6
0859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, CPSK, 60 kHz)	5G NR FRI TDD	8.36	±9.8
0860	AAD	SG NR (CP-OFDM, 100% RB, SUMHz, QPSK, 60kHz)	5G NR FR1 TDO	8.34	±9.6 ±0.6
0.861	AAD	5G NR (CP-DFDM, 100% RB, 60 MHz, GPSK, 80 kHz)	5G NR FR1 TDO	8.40	19.6
0863	AAD	53 NR (CP-OFDM, 190% RB, 89 MHz, QPSK, 60 kHz)	50 NR FRI TDD	8.41	#8.6
0864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FRI TDO	8.37	±9.6
0865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	19.6
0886	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.68	19.6
0868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 KHz)	SG NR FR1 TDD	5.89	±9.6
0889	AAE	5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	19.6
0870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	+9.6
0871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
0872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 128 kHz)	9G NR FR2 TDD	8.52	±9.0
0873	AAE	5G NR (DFT s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.61	+9.6
0874	AAE	SG NR (DFT-s-CFDM, 100% RB, 100 MHz, 640AM, 120 kHz)	5G NR FR2 TDD	6.65	+9.6
0875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	7.78	±9.6
0.876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.39	±9.6
0877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	7.95	±9.6
0878 0879	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDO	6.41	±9.6
riversial and	AAE	5G NR (CP-OFOM, 1 R8, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
0880	AAE	5G NR (CP-CFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
0882	AAE	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 120MHz)	SG NR FR2 TOD	5.75	±9.6
0883	AAE	5G NR (DFT=-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.96	±9.6
0884	AAE	50 NR (DFT-s-OFDM, 1 RR, 50MHz, 18QAM, 180AHz)	5G NR FR2 TDD	6.57	±9.6
0885	AAE	5G NR (DFT-s-OF DM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)	SG NR FR2 TDD	6.53	±9.6
0886	AAE	50 MB (OFFIG. OFFIG. 1906 DD SOUND, GROWN, G	5G NR FR2 TDD	6.61	±9.8
0687	AAE	5G NR (0FTs-0FDM, 100% RB, 50 MHz, 54QAM, 120 kHz) 5G NR (0P-0FDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.65	±9.8
1888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
0888	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 18QAM, 120kHz)	5G NR FR2 TDD	8.35	±9.6
0880	AAE	SG NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
0891	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 64QAM, 120kHz)	50 NR FRE TOO	8.40	±9.6
2890	AAE	50 NR (CP-OFOM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 T00	0.13	±9.6
1897	AAC	SG NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)	5G NR FR2 TDD	8.41	#9.6
0898	AAB	5G NR (DFT4-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 T00 5G NR FR1 TD0	5.66	±9.6
0099	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NA FRI TDD	5,67	19,6
0900	AAB	5G NR (DFT-a-OFDM, 1 RB, 20 MHz, QPSK, 30 MHz)	SG NR FR1 TOD	5.67	19.6
901	AAB	5G NR (DFTs-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		19.6
902	AAB	50 NR (DFT-s-CFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.68	19.6
903	AAB	5G.NR (DFT-e-OFDM, 1 RB, 40 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.68	+9.6
1904	AAB:	5G NR (DFTs-OFDM, 1 R8, 50 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	5.68	±9.6
1906	BAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, OPSK, 30 kHz)	SG NR FRI TOD	5.68	±9.6
0906	AAB	SQ NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.68	±9.6
1907	AAC	SG NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.78	±9.6
908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 MHz)	3G NR FR1 TOD	5.93	±9.6
UROR				OUBS.	±9.6
0909	AAB	5G NR (DFT-e-OFDM, 50% RB, 15 MHz, QFSK, 30 kHz)	50 NR FRI TOD	5.96	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10811	AAB	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30MHz)	5G NA FR1 TOO	5.93	69.0
10912	100000	5G NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 30KHz)	5G NR FR1 TDD	5.84	69.6
10913		5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 38 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	100,740	5G NR (DFT a-OFDM, 50% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.85	±9.6
10915	Control of the Control	5G NR (OFT's OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916		5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	19.6
10017		5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.94	±9.6
10918		SG NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.86	±9.6
10919		5G NR (OFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.86	±9.6
10920		5G NR (DFT-b-OFOM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOO	5.87	±9.6
10921	AAB	5G NR (DFT+-OFDM, 100% RB, 20MHz, QPSK, 30NHz)	50 NR FR1 100	5.84	±9.6
10922		9G NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TOD	5.82	±9.6
10923	AAB	5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAE	5G NR (DFT-s-OFDM, 180% RB, 40MHz, OPSK, 30kHz)	5G NR FRETDD	5.84	±9.6
10925	AAB	5G NR (DFT-4-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.95	+9.6
10926	AAE	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, OPSK, 30 kHz)	SG NR FR1 TOD	5.84	19.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	19.6
10928	AAC	SG NR (DFT-e-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NA FRI FDD	5,52	±9.6
10929	AAC	5G NR (DFT+-OFOM, 1 RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	SG NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	19.6
10931	AAC	5G NR (DFT-6-OFDM, 1 RB, 20 MHz, GPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT+-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI1 FDD	5.51	±0.0
10933	AAG	5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.51	+9.6
10904	AAC	SG NR (DFT++ OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT+-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FD0	5.51	±9.6
10996	AAC	fig NR (DET's OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 15kHz)	5G NR FR1 FDD	5.77	+9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	SQ NR FR1 FDD	5:90	±9.6
10939	AAC	5G NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±9.6
10940	The second second	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.89	±9.6
10943	AAC.	SG NR (DFT-II-OFOM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FRI FDD	5.83	±9.6
	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT a OFDM, 50% RB, 50 MHz, GPSK, 15kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	SG NR (DFT+-OFDM, 100% RB, 5MHz, QPSK, 15KHz)	5G NR FR1 FDD	5.81	+9.6
10946	AAC	5G NR (DFT-6-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±9.6
10040	AAC	50-NR (DET-s-OFDM, 100% RB, 15MHz, QPSK, 15MHz)	5G NR FR1 FDD	5.83	±9.6
10948	AAC	SG NR (DFT-e-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±9.6
10949	AAC	5G NR (DFT a- OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 F00	5.94	±9.6
10950	AAC	5G NR (DFT-s OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.87	19.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15kHz)	50 NR FR1 FDD	5,94	+9.6
10952	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, GPSK, 15 kHz)	SG NR FR1 FDD	5.92	±9.6
10953	AAA	50 NR DL (CP-OFDM, TM 3.1, 5MHz, 54-QAM, 15kHz)	5G NR FR1 FDD	8.25	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10.956	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15KHz)	5G NR FR1 FDD	8.23	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	5.42	±9.6
10967	AAA	5G NR DL (CP-CFDM; TM 3.1, 5MHz, 64-QAM, 36 kHz)	5G NR FR1 FDD	8.14	±9.6
10958	AAA	5G NR DL (CP-OFOM, TM 3.1, 10 MHz, 84-QAM, 30 kHz)	5G NA FAT FDD	8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 F00	8.61	±9.6
10968	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	0.33	±9.6
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 84-QAM, 15kHz)	5G NR FR1 TDD	9.32	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 15 kHz)	5G NR FR1 TDD	9.38	±9,6
10962	AAB	9G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10964	AAC	SG NR OL (CP-OFDM, TM 3.1, 20MHz, (I4-QAM, 15HHz)	5G NR FR1 TDD	9.55	±9.6
10965	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
		5G NR DL (CP-CFDM, TM 3.1, 10 MHz, 64-QAM, 36 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	BAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 36 kHz)	53 NR FR1 T00	9.55	±9.6
10968	AAB	SQ NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 30 kHz)	53 NR FR1 T00	9.42	±9.6
10966	AAB	5G NR DL (CP-OFOM, 7M 3.1, 100 MHz, 64-GAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
		5G NR (CP-DFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 T00	9.08	±9.6
10974	AAB	53 NR (CP-OFOM, 160% RB. 100MHz, 256-QAM, 36 kHz)	5G NR FR1 TDD	10.25	±9.6
10978	AAA	ULLA BOR	ULLA	1,16	+9.6
10979	AAA	ULLA HDR4	ULLA	8.58	+9.6
10980	AAA.	ULLA HORB	ULLA	10.32	±9.6
10961	AAA	ULLA HDRips	ULCA	3.19	±9.6
0982		ULLA HORPB	ULLA		

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10883	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	SG NA FRI TOD	9.31	+9.6
10884	AAA	5G NR DL (CP-OFDM: TM 3.1, 50 MHz, 64-QAM, 15kHz)	SG NR FR1 TOD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 54-QAM, 30 kHz)	5G NR FR1 TDD	9.54	10.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 HHz)	SG NA FRI TOD	9.50	
10987	AAA	5G NR OL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	SG NA FRI TOD	9.53	19.6
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 36 kHz)	9G NR FRI TOD	9.38	±9.6
10980	AAA	5G NR DL (CP-OFDM, TM 3.1, 80MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 84-QAM, 30 kHz)	5G NR FRI TOD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-DAM, 15 kHz)	5G NR FR1 TOO	10.24	#9.6
11004	AAA	53 NR DL (CP-OFDM, TM 3.1; 30 MHz, 64-QAM, 30 kHz)	5G NR FRI TOO	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	141114	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 F00	8.55	19.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	B.46 B.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NA FRI FDD	1 40740	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11011	AAA	SG NR DL (CP-OFOM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	53 NR FR1 FDD	8.95	±0.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50MHz, 64-QAM, 30KHz)	5G NA FRI FDD	8.96	±9.6
11.013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	868	19.6
11014	AAA	IEEE 802.11to (320 MHz, MCS2, 98pc duty cycle)	WLAN	8.47	±9.6
11015	AAA	IEEE 802 11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.45	±9.6
1016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	17760.77	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCSS, 99pc duty cycle)	WLAN	8.44	#9.8
11018	AAA	IEEE 802.11he (320 MHz, MCS6, 99pc duty cycle)	200	8.41	±9.6
1019	AAA	IEEE 802.11bs (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.40	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	19.6
11021	AAA	IEEE 802 11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	B.27	±9.6
1.022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.46	±9.0
1023	AAA	IEEE 802.11bs (320 MHz, MCS11, 98pc duty cycle)	WEAN	5.36	±9.6
1024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.09	±9.6
1025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.42	±9.6
1026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.37	±9.8
		when you is the part of the control	WLAN	8.39	±9.6

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

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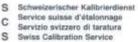


### Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 9004 Zurich, Switzerland







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

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7370\_Aug23

# **CALIBRATION CERTIFICATE**

Object EX3DV4 - SN:7370

Calibration procedure(s) QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date August 24, 2023

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 (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1018	20-Oct-22 (OCP-DAK12-1916_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-680, Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013 Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power mater E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	5N: 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-22)	In house check: Oct-24

Calibrated by Sven Kühn Laboratory Technician

Approved by Sven Kühn Technical Manager

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Certificate No: EX-7370\_Aug23

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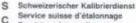
### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland







Servizio svizzero di taratura S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

#### Glossary

TSL fissue simulating liquid
NORMx,y,z sensitivity in free space
CorvF sensitivity in TSL / NORMx,y,z
DCP diode compression point

CF crest factor (1/duty\_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

Polarization φ φ rotation around probe axis

Polarization # ## Protetion around an axis that is in the plane normal to probe axis (at measurement center), i.e., # = 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, E, 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.
- CarryF 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 affset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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# Parameters of Probe: EX3DV4 - SN:7370

### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.45	0,49	0.42	±10.1%
DCP (mV) B	97.0	108,4	98,5	±4.7%

### Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	mV	Max dev.	Max Unc <sup>ff</sup> k = 2	
0	CW	X	0.00	0.00	1,00	0.00	159.4	±3.3%	±4.7%	
		Y	0.00	0.00	1.00		157.2			
		Z	0.00	0.00	1,00		169.9			
10352	Pulse Waveform (200Hz, 10%)	X	2.59	65.69	10.04	10.00	60.0	±3.0%	0 ±3.0%	±9.6%
		Y	2,59	65.66	9.76		60.0	1		
		Z	3.65	69.74	11.98		60.0			
10353	Pulse Waveform (200Hz, 20%)	X	2.17	66.62	9.58	6.99	80.0	±2.0%	±9.6%	
		Y	1.26	63.29	7.67		80.0			
		Z	9.57	79.86	14,21		80.0			
10354	Pulse Waveform (200Hz, 40%)	X	20.00	83.68	13.69	3.98	95.0	±1,4%	±9.6%	
	ENGLISH CHARLESON	Y	0.42	60.34	5.10	1111	95.0		2000	
		2	20.00	86.65	14.86		95.0			
10355	Pulse Waveform (200Hz, 60%)	X	20.00	86.29	13.93	2.22	120.0	±1.2%	±9.6%	
	CONTRACTOR STATE OF S	Y	0.23	60.00	3.76		120.0			
		Z	20.00	87.77	14.30		120.0			
10387	QPSK Waveform, 1 MHz	X	1.94	69.75	17.07	1.00	150.0	±3.0%	±9.6%	
		Y	1.51	67,63	14.85	CONTRA	150.0	E-10/11/0	- 10 C (V) (V	
		Z	1.65	67.19	15.31	1	150.0	1		
10388	QPSK Waveform, 10 MHz	X	2.56	71.05	17,60	0.00	150.0	±0.9%	±9.6%	
		Y	2.00	67.93	15.58	0000	150.0	128860		
		Z	2.18	68.23	15,98		150.0	1		
10396	64-QAM Waveform, 100 kHz	X	2,41	88.43	18.51	3.01	150.0	±1.7%	±9.6%	
		Y	2.40	69.00	18.05		150.0	H-W.25	-588000	
		Z	2.17	67.49	18.56		150.0			
10399	64-QAM Waveform, 40 MHz	X	3.64	68.05	16.54	0.00	150.0	±1.8%	±9.6%	
		Y	3,34	67.14	15.68	-1.7000	150.0		1257000	
		Z	3.47	67.12	15.88		150.0	1		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.87	65.93	15.92	0.00	150.0	±3.7%	±9.6%	
		Y	4.60	65,84	15.53	01/2/22/2	150.0		100000000000000000000000000000000000000	
		2	4.77	65.64	15.63		150.0	1		

Note: For details on UID parameters see Appendix

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

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A The uncertwitties of Norm X,Y,Z do not effect the E<sup>p</sup>-field uncertainty inside 3SL (see Pages 5 and 6).

It Linearization parameter uncertainty for maximum specified field shweight.

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



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# Parameters of Probe: EX3DV4 - SN:7370

### 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-2	T5 V-1	Т6
×	42.6	321,74	36,53	11,35	0.00	5.00	0.00	0.31	1.01
y	30.5	221.03	33.80	3.65	0.00	5.02	0.84	0.15	1,01
Z	38.3	289.50	36.43	7.26	0.00	5.02	0.00	0,17	1,01

# Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-83.8°
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	† 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.



# Parameters of Probe: EX3DV4 - SN:7370

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>#</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
750	41.9	0.89	10.38	10.38	10.38	0.51	0.80	±12.0%
835	41.5	0.90	10.01	10.01	10.01	0.44	0.80	±12.0%
900	41.5	0.97	9.77	9.77	9.77	0.46	0.82	±12.0%
1750	40.1	1,37	8.66	8.66	8.66	0.29	0.90	±12.0%
1900	40.0	1.40	8.29	8.29	8.29	0.25	0.90	±12.0%
2450	39.2	1.80	7.71	7,71	7.71	0.31	0.86	±12.0%
2600	39.0	1.96	7.57	7.57	7.57	0.30	0.86	±12.0%
3300	38.2	2.71	6.85	6.85	6.85	0.30	1.35	±14.0%
3500	37.9	2.91	6,78	6,78	6.78	0.40	1.35	±14.0%
3700	37.7	3.12	6,80	6.80	6.80	0.40	5.40	±14.0%
3900	37.5	3,32	6.35	6.35	6.35	0.35	1.50	±14.0%
4100	37.2	3,53	6.29	6,29	6.29	0.35	1,50	±14.0%
4400	36.9	3,84	6.03	6.03	6.03	0,40	1.60	±14,0%
4600	36.7	4.04	6,00	6.00	6.00	0.35	1.70	±14.0%
4800	36.4	4.25	5.99	5.99	5,99	0.40	1.80	±14.0%
4950	36.3	4.40	5.75	5.75	5.75	0.40	1.80	±14.0%
5250	35.9	4.71	5.24	5.24	5.24	0.40	1.80	±14.0%
5600	35.5	5.07	4.63	4.63	4.63	0.40	1,80	±14.0%
5750	35.4	5.22	4.81	4,81	4.81	0.40	1.80	±14.0%
5800	35,3	5.27	4.76	4.76	4,78	0.40	1.80	±14.0%

C. Frequency weldity above 300 MHz of ±100 MHz orby 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 is ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 5 MHz is 4–8 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended in £10 MHz.

The problem are calibrated using fissue simulating flughts (TSL) that deviate for a new to by less than ±5% from the target values (typically before than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 3 – 8 GHz.

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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 hequencies below 3 GHz and below ±2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the



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# Parameters of Probe: EX3DV4 - SN:7370

### Calibration Parameter Determined in Head Tissue Simulating Media

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

G Frequency waldity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

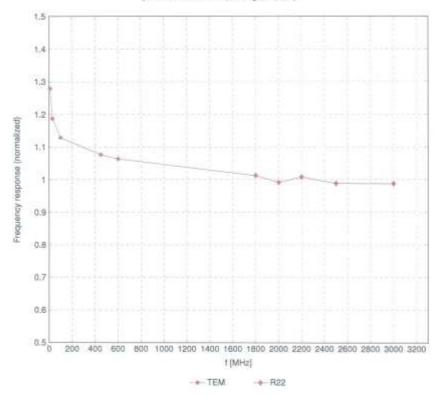
The probes are calibrated using base simulating facules (TSL) that deviate for e and e by less than ±10% from the target values opposity better than ±6% and are valid for TSL with deviations of up to ±10%.

Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 6-10 GHz at any distance. larger than half the probe tip diameter from the boundary.



# Frequency Response of E-Field

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



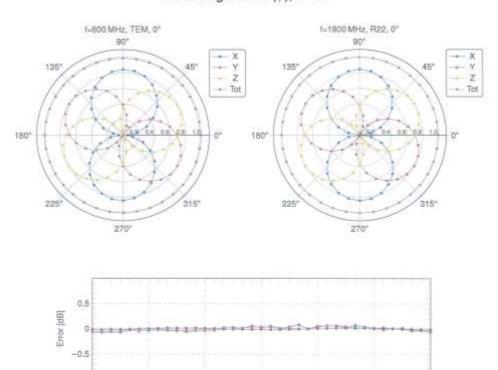
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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



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

180

Rall [°]

240

1800 MHz

300

- 2500 MHz

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60

- 100 MHz

120

→ 600 MHz

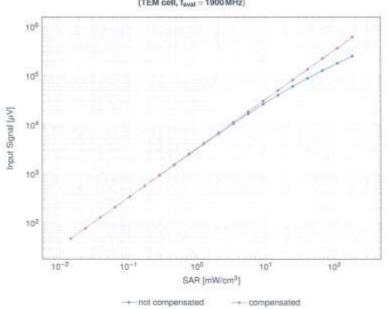
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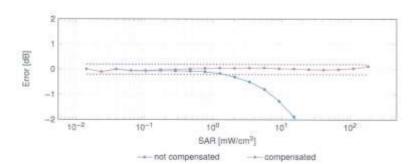
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# Dynamic Range f(SAR<sub>head</sub>)







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

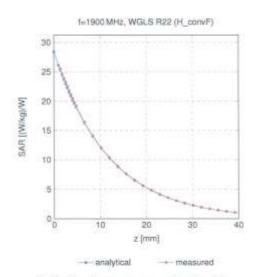
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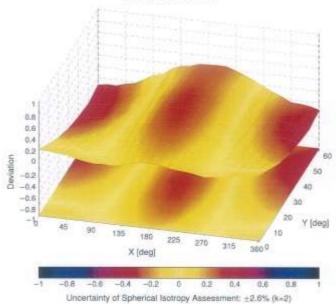


# Conversion Factor Assessment



# Deviation from Isotropy in Liquid

Error  $(\phi, \theta)$ , f = 900 MHz



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# Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unio <sup>E</sup> k = 2
0	roma.	CW	CW	0.00	±4.7
10:010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FD0 (WCDMA)	WCDMA.	2.01	9.0
10012	CAB	IEEE 802,11b WIFL2,4 GHz (DGSS, 1 Mbps)	WLAN	1.07	19.6
10013	CAH	IEEE 802.11g WIFI 2.4 GHz (DGSS-OFDM, 6 Mbpx)	WLAN	9.46	±9,6
15001	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	19.6
10024	DAG	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10.025	DAG	EDGE-FDD (TDMA, 8PSK, TN II)	GSM	12,62	±9.fl
10028	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±8.6
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	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7,78	±9,€
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802,15.1 Bluelooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	DAA	IEEE 802.15.1 Bluetooth (GFBK, DH5)	Bluetooth	1.16	±9.8
10033	CAA	IEEE 802.15.1 Bluirtooth (PV4-DQPSK, DH1)	Bluetooth	7.74	1.9.8
10034	CAA	IEEE 902.15.3 Bluetooth (PWI-DQPSK, DH3)	Bluetooth	4.53	1.9.6
10035	CAA	IEEE 802.15.1 Bluetooth (P14-DQPSK, DH5)	Bluetooth	3,83	19.6
10036	CAA	IEEE 902,15.1 Bluetooth (8-DPSK, DH1)	Bluetoots	8,81	19.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DHO)	Bluetooth	4,77	19.6
10 038	CAA	IEEE 802,15,1 Bluetooth (8-DPSK, DHS)	Bluetooth	4.10	19.6
10:039	CAB	COMA2000 (1:RTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-138 FDD (TDMA/FDM, PV4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	19.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	:9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Stat, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCOMA, 1.28 Mcps)	TD-SCDMA	11.01	9,62
10058	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.62	±9.6
10059	CAB	(EEE 802.11b WIF) 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	19.6
10081	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WIFLS GHz (OFOM, 6 Mbps)	WLAN	8.88	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (GFDM, 9 Mbps)	WLAN	8.63	29.6
10064	DAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	29.6
10095	CAD	IEEE 802.11s/h WIFLS GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10008	GAD	IEEE 802.11a/h WIFI S.CHz (OFDM, 24 Mbps)	WLAN	9.38	39.0
10087	CAD	IEEE 802,11a/h WIFI 5 GHz (DFDM, 36 Mbps)	WLAN	10.12	19,6
10068	CAD	IEEE 802.11a/h WIFI 5 GHz (OFOM, 48 Mbps)	WLAN	10.24	3.9.6
10069	CAD	IEEE 802.11wh 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	49.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/QFDM, 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 WFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	8.9.6
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	±9.0
10077	CAB	IEEE 802,11g WFI 2.4 GHz (DSSS/OFDM, 84 Mbps)	WLAN	11.00	±9.6
10001	CAB	GDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDO (TDMA/FDM, PV4-DQPSK, Fullride)	AMPS	4.77	±8.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDFM)	WCDMA	3.98	±0,6
10098	GAG	UMTB-FDD (HSUPA, Subtest 2)	WCDMA	3.50	±8,6
10088	DAG	EDGE-FDD (TOMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10 100	CAF	LTE-FOD (SC-FOMA, 100% RB, 20 MHz, QPSK)	LTE-FOD	5.67	19.5
10101	CAF	LTE-FOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FD0	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-GAM)	LTE-FDD	6.60	69.6
10103	CAH	LTE-TOD (SC-FOMA, 100% RB, 20 MHz, QPSK)	LTE-TOO	9.29	±9.6
10104	CAH	LTE-TOD (BC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-TOO	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100%, RB, 20MHz, 64-QAM)	LTE-TOD	10.01	±9.5
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
	CAH	LTE-FDD (BC-FDMA, 100% RB, 10 MHz, 18-QAM)	LTE-FOO	5.43	±9.6
10109	CAH	LTE-FOD (SC-FOMA, 100% RB, 6 MHz, QPSK)	LTE-FOD	5.75	±8.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>1</sup> k = 2
10112	CAH	LTE-FOD (SC-FDMA, 190% RB, 10 MHz, 84-QAM)	LTE-F00	0.59	±9.6
10113	CAH	LTE-FOD (SC-FDMA, 100% RB, 5 MHz, 54-QAM)	LTE-F00	8.62	±9.6
0114	CAD	IEEE 802.11n (HT Greenfield, 10,5 Mbps, 8PSK)	WLAN	8.10	£9.8
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8,46	1.9.6
0118	CAD	IEEE 802,11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	1.9.8
0117	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802,11n (HT Mixed, 81 Mbps, 18-QAM)	WLAN	8.59	19.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	0.13	±9.6
10140	CAF	LTE-FOD (SC-FOMA, 100% RB, 15 MHz, 16-QAM)	LTE-F00	8.40	±9.6
10141	GAF	LTE-FOD (9C-FDMA, 100% RB, 15MHz, (4-QAM)	LTE-F00	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FOO	5.73	±9.6
10.143	CAF	LTE-FDD (SC-FDMA, 190% RB, 3 MHz, 16-GAM)	LTE-FOO	6.35	±9.6
10144	CAF	LTE-FOD (SC-FDMA, 100% RB, 3 MHz, 64-GAM)	LTE-F00	6.65	19.6
10145	CAG	LTE-FDD (BC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FOO	5.7E	±9,6
10146	CAG	LTE-FDD (SC-FDMA, 190% RB, 1.4 MHz, 16-GAM)	LTE-F00	8.41	±9.6
10147	GAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE:FOO	6.72	±9.0
10148	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-F00	fi.42	±9.8
10350	CAF	LTE-FOD (SC-FDMA, 50% RB, 20MHz, 64-QAM)	LTE-FOD	8.60	69.6
10151	CAH	LTE-TOD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-T00	0.20	±8.6
10152	DAH	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOO	0.92	±9.6
10153	CAH	LTE-TDD (BC-FDMA, 50% RB, 20 MHz, (I4-QAM)	LTE-TOO	10.05	±9.6
0154	CAH	LTE-FOD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDO	5.75	±9.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 18-QAM)	LTE-F00	6.43	49.6
10155	CAH	LTE-FDD (SC-FDMA, 59% RB, 5 MHz, QPSK)	LTE-F00	5.79	£9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-F00	6.49	±9.6
0158	CAH	LTE-FDD (9G-FDMA, 50% RB, 10 MHz, (4-QAM)	LTE-F00	6.62	±9.6
0.159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDO	9.56	±9.6
0.160	CAF	LTE-FOD (SC-FDMA: 55% RB, 15 MHz, QPSK).	LTE-F00	5.82	±9.6
0161	GAF	LTE-FOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-F00	6.43	±9.6
0162	CAF	LTE-FDD (SC-FDMA, 59% RB, 15 MHz, 64-QAM)	LTE-F00	6.58	±9.6
0169	CAG	LTE-FOD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FD0	5,46	±9.6
0167	CAG	LTE-FOD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-F00	9.21	±9.0
0168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM)	LTE-FBD	6.79	±9.0
10169	CAF	LTE-FOD (9C-FDMA, 1 RB, 20MHz, QPSK)	LTE-F00	5,73	±9.6
0.170	CAF	LTE-FOD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FOD	0.52	±8.8
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 84-QAM)	LTE-FDD	6.49	£9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TOO	9.21	#9.6
10173	CAH	LTE-TOD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-TOD	9.48	±8.6
10174	CAH	LTE-TDD (BC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TOO	10.25	±0.6
0175	CAH	LTE-FDD (9C-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	±9.6
0175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAL	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.70	±9.6
0178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	±0.6
0179	CAH	LTE-FDD (SC-FDMA, 1 RB, 16 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	士9.店
0181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, GPSK)	LTE-FDD	5.72	19.6
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDD	6.50	±9,6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5,73	±9,0
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	1.9.6
0.186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	8.50	±9.6
0187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	6.73	±8.0
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-#DD	6.52	±9.8
0.189	AAG	LTE#DD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	+9.6
0193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
0.194	CAD	IEEE SC2 11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	19.6
0195	CAD	IEEE 802,11n (HT Greenfeld, 65 Mbps, 64-QAM)	WLAN	0.21	19.6
0.156	CAD	IEEE 802,11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
0 197	CAD	IEEE 802.11n (HT Mixed, 38 Mbps, 16-QAM)	WLAN	8.13	±9.6
0.198	CAD	IEEE 802,11n (HT Mixed, 65 Mbps, 64-QAM)	WSAN	8.27	±9.fi
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
0220	CAD	IEEE 802.11n (HT Mired, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.8
0221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 84-GAM)	WLAN	8.27	±9.6
0222	CAD	IEEE 802,11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
0223	CAD	IEEE 802.11n (HT Mised, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mised, 150 Mbps, 94-QAM)	WLAN	8.48	±9.6
0224			WLAN	8.08	19.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc* k = 2
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	+9.6
10228	CAC	LTE-TDD (BO-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TOD	9,49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-TOO	10.26	±9.6
10228	CAC	I,TE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-TDD	9.22	1.9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9,48	±9.6
10230	CAE	LTE-TOO (SC-FOMA, 1 RB, 3 MHz, 54-QAM)	LTE-TOD	10.25	19.0
10231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TOD	9.19	£9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	1.9.6
10233	CAH	LTE-TOO (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TOD	10.25	±9.0
10234	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, OPSK)	LTE-TOD	9,21	2,9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	19.6
10236	CAH	LTE-TOD (SC-FDMA: 1 RB, 10 MHz, 64-QAM)	LTE:TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9.6
10.238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±0.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE/TOD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz; 64-QAM)	LTE-TOD	9.88	±9.0
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	19.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOD	10.06	29.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	±8.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB; 5 MHz, 16-QAM)	LTE-TOD	9.01	#0.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOD	10.08	±0.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TOO	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TOD	9.81	±9.6
10291	CAH	LTE-TDD (SC-FDMA, 55% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	+9.6
10252	CAH	LTE/TDD (BC-FDMA, 50% RB, 10 MHz, QPBK)	LTE-TOD	0.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 15-QAM)	LTE-TOD	9.90	±9.8
10.254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOO	10.14	±9.6
10255	CAG	LTE-TDD (BC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	+9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.96	±9.6
10257	CAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9,6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOO	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 15-QAM)	LTE-TDD	9.98	±8.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	DAE	LTE-TOD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TOD	9.24	#9.6
1026E	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 18-QAM)	LTE-TOD	9.83	+9.6
10263	DAH	LTE-TOD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TOO	10.18	±9.6
10254	CAH	LTE-TOD (BC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TOD	9.23	#9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10.286	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB. 18 MHu, QPSK)	LTE-TDD	9.30	+9.6
10/268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	19.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 84-QAM)	LTE-TDD	10.13	±9.6
10.270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHu, QPSK)	LTE-TDD	9.58	±9.6
10:274	CAG	LMTS-F00 (HSUPA, Subtest 5, 3GPP RatE 10)	WCDMA	4.87	±9.6
10275	DAG	UMTS-FDD (HSUPA, Subtest 5: 3GPP Rel8.4)	WCDMA	3.96	19.6
10277	CAA	PHS (QPSK)	PHS	11,81	±9.0
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	19.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rollott 0.38)	PHS	12.18	±9.6
10290	AAB	COMAZODO, RC1, SQ55, Full Rate	CDMA2000	3.91	±9.0
10291	AAB	COMAZORO, RC3, SOSS, Full Rate	COMAZ000	3.46	19.8
10292	AAB	CDMA2000, RC3, 5032, Full Rate	COMA2000	3.39	19.6
10293	AAB	COMA2000, RC3, SG3, Full Rate	COMA2000	3.50	19.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 tr.	CDMA2000	12,49	19.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	19.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, OPSK)	LTE-FDD	5.72	19.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	19.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	+9.6
10301	AAA	IEEE 802.15e WMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	19.6
10302	AAA	IEEE 809,16e WMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	19.6
10303	AAA	IEEE 802,16e WIMAX (31:15, 5 ms, 10 MHz, 84QAM, PUSC)	WMAX	12.52	±9.6
	AAA	IEEE 802,16e WMAX (29:18, 5 nu, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	+9.6
10304		and the state of t	3410350	11.00	29.0
10304	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WWWAX	15.24	±9.6

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UID	Rav	Communication System Name	Group	PAR (dB)	Linch k = 2
0307	AAA	IEEE 802,18e WIMAX (28:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	#9.6
300	AAA	IEEE 802,16# WMAX (29:18, 10 ms, 10 MHz, 16 QAM, PUSC)	WIMAX	14,46	±9,6
0.309	AAA	IEEE 802.16e WIMAX (29:18, 10:ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
0310	AAA	IEEE 802,15e WIMAX (29.18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMMAX	14.57	19.6
0311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MRz, QPSK)	LTE-FDD	6.06	±9.6
0313	AAA	IDEN 1:3	IDEN	10.51	19.6
0314	AAA	IDEN 1/2	IDEN	13.48	15.6
0215	AAB	(EEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1,71	±9.6
10318	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mops, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFDM: 6 Mbps, 96pc duty cycle)	WLAN	0.36	±9.6
10352	AAA	Pulse Waxeform (200Hz, 10%)	Generic	10.00	±9.6
10363	AAA.	Pulse Waveform (200Hz, 20%)	Generic	6,99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10,355	AAA.	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA.	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9,6
10.387	AAA.	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10,388	AAA,	QPSK Waveform, 10MHz	Generic	5.22	±9.6
10398	AAA	84-QAM Wayelorm, 100kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Wavelorm, 40 MHz	Generic	8.27	±9.8
10.400	AAE	IEEE 802,11ac WIFI (20 MHz, 64-QAM, 95pc duty cycle)	WLAN	8.37	19.6
10401	AAE	IEEE 802,11ap WIFI (40 MHz, 64-QAM, 99pp duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	0.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	GDMA2000 (1xEV-DO, Flev. A)	CDMA2000	3.77	18.0
10405	AAB	CDMA2000, RC3, SC02, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame=2,1,4,7,8.9, Subtrame Conf=4)	LTE-TDO	7,82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.116 WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle)	WLAN	1.54	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	19.6
10417	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 6 Mbps, 98pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mops, 88pc duty cycle, Short preembule)	WLAN	8.19	±9.0
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPGK)	WLAN	8,32	19,6
10423	AAC	IEEE 802,11n (HT Greenlieks, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenlakt, 72.2Mbps, 64-QAM)	WLAN	8.40	±8.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10425	AAC	(EEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-DAM)	WLAN LTE-FDD	8.28	19,6
10430	AAE	LTE-FDD (OFDMA, BMHz, E-TM 8.1)			19.6
10431	AAD	LTE-FOD (OFCMA, 10 MHz, E-TM 3.1)	LTE-FOD	8.38	19.6
10.432	Acceptance of the second	LTE-FDD (DFDMA, 15MHz, E-TM 3.1)	LTE-FOD	8.34	±9.6
10433	AAB	LTE-FDD (DFDMA, 20 MHz, E-TM 3,1) W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	19.6
10435	AAG		LTE-TDD	7.82	+9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2.3,4,7,6,9) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Olipping 44%)	LTE-FOD	7.56	±9.6
10447	AAE		LTE-FOD	7.50	±9.6
10448	AAD	LTE-FOD (OFDMA, 10MHz, E-TM 3.1, Clippin 44%) LTE-FOD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FOO	7.51	19.6
10.450	AAD	LTE-FDD (OFOMA, 15MHz, E-TM 3.1, Olipping 44%)  LTE-FDD (OFOMA, 20MHz, E-TM 3.1, Olipping 44%)	LTE-FOD	7.48	±9.6
10,450	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE			10.00	
10458	AAC	Validation (Square, 10 ms, 1 ms) IEEE 802.11so WFI (190 MHz, 64-QAM, 99pc duty cycle)	Test WLAN	8.63	19.6
10455	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	8.63	±8.6
	AAA	CDMA2000 (1xEV-OO, Rev. B, 2 carriers)	CDMA2000	8.55	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000 CDMA2000	8.25	±9.6
10460	AAB	LIMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10460	AAC	LTE-TOD (SC-FDMA, 1 RB, 1.4MHz, QPSK, UL Subhame+2,3,4,7,8,9)	LTE-TOO	7.82	19.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,8)	LTE-TOO	8.30	±9.0
10460	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, U. Subframe-2,3.4,7.8.9)	LTE-TOO	8.56	±9.6
10464	AAC	LTE-TOD (SC-FOMA, 1 RB, 3 MHz, QPSK, UL Subtrame-2,3.4.7.8.9)	LTE-TOD	7.82	±9.6
	AAD	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	1.32	±9.6
	1.00	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.57	49.6
10460					-
10460 10460	AAD	LTC TYPE YOU CRAMA + DD CARLY ODGY LT C. HAWAR CO. LTC.	170,770	72.000	
10460 10460 10467	AAG	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe-2,3.4,7,8,9)	LTE-TOD	7.82	±9.8
10466 10466 10467 10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subtrame+2.3.4,7,8.9)	LTE-TOO	8.32	±9,6
10460 10460 10467	AAG AAG		Accessor to the lateral and th		

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10.472	AAG	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	£41.6
0.473	AAF	LTE-TOD (9C-FDMA, 1 RB, 15 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7,82	19,6
0.474	AAF	LTE-T00 (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,32	±9.6
0475	AAF	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe+2,3,4,7,8.9)	LTE-TOD	8,57	F810
0.477	AAG	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.32	£9.6
0.470	AAG	LTE-T00 (SC-F0MA, 1 RB, 20 MHz, 64-GAM, UL Subframe=2,3,4,7,6,9)	LTE-TOD	8.57	£9.6
0.479	AAC	LTE-TOD (SC-FDMA, S0% RB, 1.4 MHz, QPSK, UL Subtramis-2,3,4,7,8,9)	LTE-TDD	7.74	±8.6
10480	MC	LTE-TDD (SC-FDMA, 58% RB, 1.4 MHz, 18-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 94-QAM, UL Subframe=2,3.4,7.8,9)	LTE-TDD	8.45	€0.6
10.482	AAD	LTE-TDD (8C-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	£9,8
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subharre=2,3,4,7,8,9)	LTE-TOD	8.39	±9.6
10484	AAD	LTE-TOD (SC-FDMA, 50% RR, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TDD	8.47	78'8
10-485	AAG	LTE-TDD (SC-FDMA, 60% RB, 5 MHz, GPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.69	19.6
10.486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subfame=2,3,4,7,8,9)	LTE-TDD	8.38	19.6
10.487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM, UL Subhame+2,3,4,7,8.9)	LTE-TOD	8.60	±9.6
10.488	AAG	LTE-TDD (SG-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	+9.0
10489	ANG	LTE-TDD (SC-FDMA, 50% RE. 10 MHz, 16-QAM, UL Subhame=2,2,4,7,8,9)	LTE-TDD	8.31	±9.6
10.490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	29.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe-2,3,4,7,8,8)	LTE-TDD	7.74	9.9.6
10.492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 18 MHz, 64-QAM, UL Sutrivame=2,3,4,7,8.9)	LTE-TOD	8.55	±9.6
10.494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TOD	7,74	±9.6
10.495	ANG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 18-QAM, UL Subhame=2,3,4,7,8,9)	LTE-700	8.37	3,9,6
10.498	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 54-QAM, UL Sublyame=2,3,4,7,8,9)	LTE-TDD	8.54	2.0.8
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3.4,7.8,9)	LTE-TOD	7.67	:8.6
10:498	AAC.	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe-2.3,4,7,8,9)	LTE-TDD	8,40	59.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	+9.0
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, Ut. Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10-501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 18-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TOD	8,44	2,9.6
10.502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.52	±8.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	19.6
10:504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.31	1,9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	:9.6
10508	AAG	LTE-TDB (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3.4.7,8,9)	LTE-TOD	7.74	19.6
10.507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.36	19.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RE, 10 MHz, 64-QAM, UL Subframe=2.3,4,7.8,9)	LTE-TOD	8.65	69.6
10.509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subtrame=2,3.4,7,8,9)	LTE-TDD	7.99	1,9.0
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,8)	LTE-TOD	8,49	£9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7.8,9)	LTE-TOD	8,51	±9.6
10512	ANG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subtrame=2,3.4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RE, 20 MHz, 16-QAM, LL Subframe=2.3,4,7,8,9)	LTE-TDD	8.42	19.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subtrame+2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 902.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 98pc duty cycle)	WLAN	1.58	±9.6
10510	AAA	IEEE 802.115 WIFL Z.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	1:9.8
10517	Annual Continues of the	IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps, 99pp duty cycle)	WLAN	1,58	19.8
10518	AAC	IEEE 802.11a/h WiFi S.GHz (OFDM, 9 Mope, 99pc duty cycle)	WLAN	0.23	1.9.6
10520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
ACRO POPONISTA	of the San	IEEE 802,11a/h WFi 5 GHz (OFDM, 19 Mbps, 95pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	+9.6
10522	AAG	IEEE 802,11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8,45	±9.6
10523	AAC	IEEE 802.11s/h WIFI 5 GHz (OFDM, 48Mbps, 99pc duty cycle)	WLAN	80.8	£9.8
10524	AAC	IEEE 802.11 k/h WIFI 5 QHz (QFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	19.8
	AAC	IEEE 802 11ac WIFI (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	IEEE 802 11so WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10528	AAC	IEEE 802,11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
	AAC	IEEE 802,11so WIFI (20 MHz, MCS3, 98pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duly cycle)	WLAN	8.36	±8.6
10532	AAC	IEEE 802 11ap WIFI (20 MHz, MCSR, 99pc duty cycle)	WLAN	8.43	±9.6
technological description	- 1 X	IEEE 802.11ec WIF1 (20 MHz, MGS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAG	IEEE 802.11ac WIFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WIFI (40 MHz, MGS0, 98pc duty cycle)	WLAN	8.45	#B.6
10535	AAC	IEEE 802 11 no WIFI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±0.6
10536	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	20.6
	AVC:	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
	-		THE RESIDENCE OF STREET, STREE		
10537 10538 10540	AAG AAG	IEEE 802.11ac WFI (40 MHz, MCS4, 98pc duty cycle) IEEE 802.11ac WFI (40 MHz, MCS6, 98pc duty cycle)	WLAN	8.54 8.39	±9.6 ±9.0

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URD	Revo	Communication System Name	Group	PAR (dB)	Unc <sup>®</sup> k ≃
0541	AAC	IEEE 802.11 ac WiFI (40 MHz, MGS7; 99pc duty cycle)	WLAN	8.46	±9.6
0542	AAC	IEEE 802.11 ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8,85	±9.6
0543	AAC	IEEE 802,11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
5544	AAC	IEEE 802,11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8,47	±9.6
0545	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0945	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.35	±9.6
0547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8,49	19.6
0548	AAC	IEEE 802.11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
0550	AAC	IEEE 802,11ac WIFI (80 MHz, MCS6, (lispo duty cycle)	WLAN	8.38	19.6
0551	AAG	IEEE BOZ 11ac WIFI (80 MHz, MCS7, 95pc duty cycle)	WLAN	8.50	+9.6
5880	AAC	IEEE 802,11ac WIFI (80 MHz, MCS8, 96pc duty cycle)	WLAN	8.42	19.6
0.583	AAC	IEEE 802.11ac WiFi (80 MHz. MCSB, 96pc duty cycle)	WLAN	8.45	±9.6
	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
0.554	A SA PROPERTY.	IEEE BOX, Trac WIFT (160 MHz, MCS1, 99px duty cycle)	WLAN	8.47	#9.6
0555	AAD		WLAN	8.50	#9.5
0555	AAD	IEEE 802,11ac WFI (160 MHz, MCS2, 99pc duty cycle)	200	8.52	±9.6
0557	AAD	IEEE 802.11ac WFI (160 MHz, MCS3, 99pc duty cycle)	WLAN		
0558	AAD	IEEE 802.11ac Willi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
0560	AAD	IEEE 802.11ac WiFI (180 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
0561	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 98pc duty cycle)	WLAN	8.56	±9.6
0562	AAO	IEEE 802,11ao WiFI (160 MHz, MCS8, 98pc duty cycle)	WLAN	8.69	±9,8
0563	AAD	IEEE 802,11ac WiFi (160 MHz, MCS9, 98pc duty cycle)	WLAN	8.77	±9.6
0564	- AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFOM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
0568	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFOM, 12 Mbps, 99pt duty cycle)	WLAN	8.45	±9.6
0.566	AAA	IEEE 802.11g WiFi 2.4 GHz (OSSS-OFDM, 18 Mbps, I/Opc duty cycle)	WLAN.	8.13	±9.6
0567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	19.6
0.568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 98pc duty cycle)	WLAN	8.37	±9.6
0559	AAA	IEEE 802.11g WiFi 2.4 GHz (OSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSBS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.36	±9.6
0571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.96	±8.6
0572	AAA	IEEE 802,11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0873	AAA	IEEE 802 11b WIFI 2.4 GHz (DSSE, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	+9.6
0575	AAA	IEEE 882, 11g WIF) 2,4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
0578	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-DFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0577	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	19.6
Control of the local	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Majos, 90pc duty cycle)	WLAN	8.49	+9.6
0578	-	IEEE 802.11g WF1 2.4 GHz (DSSS-DFDM, 10 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0.580	AAA	IEEE 802,11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	0.35	±9.6
10581	100000		WLAN	8.67	19.6
10582	AAA.	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty rycle)		44.44	19.6
0.583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	
0584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	6.60	±8.6
0.585	AAC	IEEE 802,11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.0
0.586	1000	IEEE 802.11 a/s WIFI 5 GHz (OFDM, 18 Mbps, 90pc duly syste)	WLAN	8.40	±9.6
0.587	AAC	IEEE 802,11 wh WIFI 5 GHz (OFDM, 24 Mope, 90pc duty cycle)	WLAN	8.36	±8.6
10588	AAC	IEEE 802.11 Ah WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0589		TEEE 802.11a/h WWFI 5 GHz (OFDM; 48 Mbps; 90pc duty cycle)	WLAN	8.35	±9.6
10990	ANC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps; 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mised, 20 MHz, MCS0, 90pc duty cycle)	WLAN	6,63	±9.6
10992	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.4
10993	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle).	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MGS3, 90pc duty cycle)	WLAN	8.74	+9.6
0585	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MC54, 90pc duty cycle)	WLAN	8.74	±9.4
0585	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±93
0997	AAC	IEEE 802.11n IHT Mixed, 20 MHz, MC98, 90pc duty cycle)	WLAN	8.72	±9.6
10088		IEEE 802,11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0588		IEEE 802.11rr (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	+9.6
0600		IEEE 802,11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	6.88	±9.6
10601	AAC	IEEE 802,11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	+9:1
10602	AAC	IEEE 802.11n (HT Mised, 40 MHz, MCS3, 90pc duty syste)	WAN	8.94	±0.6
10603		IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duly cycle)	WLAN	9.03	+9.6
10604	udia regione	IEEE 802.11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.76	19.6
10604		IEEE 802,11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle) IEEE 802,11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.97	19.1
		IEEE 802,11h (HT Mised, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.82	
			1 991 619	8.82	+9.1
10606	and the later of t	IEEE 802.11sc WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.8

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UID Rev	Communication System Name	Group	PAH (dB)	Unc <sup>E</sup> k =
0609 AAC	IEEE BC2.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
0610 AAC	IEEE 802,11ac WIFI (20 MHz, MC53, 90pc duty cycle)	WLAN	8,78	±9.6
0611 AAC	IEEE 802,1 Lac Willi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0612 AAC	IEEE 802,11ac WiFi (20 MHz, MCS5, 90pc duty cycle).	WLAN	8.77	±9.6
0613 AAC	(EEE 802,11ac WiFi (20 MHz, MC86, 90pc duty cycle)	WLAN	8.94	±9.6
0614 AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8,59	19.6
0615 AAC	IEEE 802,11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0618 AAC	IEEE 802,11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.62	±9.6
0617 AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9,6
0618 AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
DETE AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±8.6
0620 AAC	IEEE 802.11sc WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
DAA 1580	IEEE 802.11ac WiFI (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	19.6
9822 AAC	IEEE 802.11ac WiFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.88	±9.6
1623 AAC	IEEE 802,11 sc WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
DER4 AAC	(EEE 802.11ac WiFi (40 MHz, MC58, 90pc duty cycle)	WLAN	8.96	±9.6
0625 AAC	IEEE 802.11ac WIFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.99	±9.6
DAA BSBC	IEEE 802.11ac Wiff (80 MHz, MCSO, 98pc duty cycle)	WLAN	8.83	±9.6
0627 AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	88.8	±9.6
628 AAC	IEEE 802.11ac W/FI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.73	±9.6
629 AAC	IEEE 802,11ac WIFI (90 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9,6
630 AAC	IEEE 802,11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.0
831 AAC	IEEE 802,11ac WiFt (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.0
1632 AAC	IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	19.8
1633 AAC	IEEE 802,11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	19.6
1634 AAC	IEEE 802,11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	19.6
1635 AAC	IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.81	±9.6
1638 AAD	IEEE 802,11ac WIFI (160 MHz, MCS0, B0pc duty cycle)	WLAN	8.83	±9.6
1637 AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
DAA BEBI	IEEE 802.11ac WIFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
GAA BEBI	IEEE 832,11ac WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	+9.6
1640 AAD	IEEE 802.11sc WiFi (180 MHz, MCS4, 80pc duty cycle)	WLAN	89.8	±9.6
1641 AAD	IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.0
1642 AAD	IEEE 802,11ac WIFI (160 MHz, MCS6, 50pc duty cycle)	WLAN	9.06	19.6
1643 AAD	IEEE 802.11ac WiFl (180 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	+9.6
1644 AAD	IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
1645 AAD	IEEE 892 11ac WilFi (180 MHz, MCS9, 95pc duty cycle)	WLAN	9.11	+9.6
1648 AAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	+9.6
1647 AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subtrame=2,7)	LTE-TOO	11.96	±9.8
1648 AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	1.9.8
1650 AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.0
1653 AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDO	7.42	19.0
1654 AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	6.98	±9.6
1655 AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	+9.6
1658 AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	19.6
1658 AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	
1880 AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	19.6
1661 AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	19.6
BAA SBB	Pulse Waveform (200Hz, 60%)	Test		
1670 AAA	Bluetooth Low Energy	Bluetooth	0.97 2.19	+9.6
1671 AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)		The second secon	19.6
1672 AAC	IEEE 802,118x (20 MHz, MCS1, 90pc duty cycle)	WLAN	9.09	19.6
1673 AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	2010000	8.57	±9.6
1674 AAC	IEEE 802,11 ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	19.6
1675 AAC		WLAN	8.74	+9.6
1676 AAC	IEEE 802.11ax (20 MHz, MGS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MGS5, 90pc duty cycle)	WLAN	8.90	±9:8
1677 AAC		WLAN	8.77	19.6
1678 AAC	IEEE 802.11ax (29 MHz, MCSS, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.73	±9.6
1679 AAG		WLAN	11.78	±9.8
entranties with the second of contracting	IEEE 802,11ax (20 MHz, MCSR, 90pc duty cycle)	WLAN	8.89	1.9.8
1680 AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8,80	±9,8
0881 AAC	IEEE 802.11mx (20 MHz, MCS10, 90pc duty cycle)	WLAN	0.62	£9.0
DAA D880	IEEE 802.11six (20 MHz), MGS11, 90pc duty cycle)	WLAN	8.83	±9.8
DAY 1891	IEEE 802,11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
D884 AAC	IEEE 802.11mx (20MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
DAA 2880	IEEE 802,11ax (20 MHz, MGS2, 99pc duty cycle)	WLAN	8.33	±9.6
1686 AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.8

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FIID	Ber	Communication System Name	Group	PAR (dB)	Unc <sup>e</sup> it =
10887	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.46	±9.6
0685	AAC	IEEE 802.11ax (20 MHz; MCSS, 99pc duty cycle)	WLAN	8.29	±8.8
0689	AAG	IEEE 802.11nx (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	1,9,6
1680	AAC	IEEE 802.11az (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	#9.6
0682	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
0693	AAC	IEEE 802,11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	0.25	±9.6
0894	AAC	IEEE 802.11nx (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	#9.6
0695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9,6
0895	AAC	IEEE 802.11sx (40 MHz, MCS1, 90pc duty cycle)	WCAN	10.91	±9.0
0697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
0698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	H.89	±9.6
0.699	AAC	IEEE 802.11ax (40 MHz, MC84, 90pc duty cycle)	WLAN	8.62	±9.6
0700	AAC	IEEE 802.11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	0.73	±9,6
0701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9,6
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	11.82	±9.6
0704	AAC	IEEE 802,11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	11.54	±9.6
0705	AAC	IEEE 802.11ax (40 MHz. MCS10, 90pc duty cycle)	WLAN	8.69	19.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
2707	AAG	IEEE 802,11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
070fi	AAC	IEEE 802,11ax (40 MHz, MGS1, 99pc duty cycle)	WLAN	8.55	±9.6
709	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802,11ax (40 MHz, MCS3, 99pc duty cycle)	W.AN	0.29	±9.0
0711	AAC	IEEE 802,11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.0
1712	AAC	IEEE 802.11ax (46 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	±9.8
1713	AAC	IEEE 802,11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	€0.6
7:14	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.0
1715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	19.8
1716	AAC	IEEE 802.11ax (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.30	±8.6
717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	69.6
0718	AAC	IEEE 802,11ax (40 MHz, MCS11, 05pc duty cycle)	WLAN	B.24	19.6
0718	AAC	IEEE 802.11ax (80 MHz. MCS0, 90pc duty cycle)	WLAN	8.81	19.6
0720	AAC	IEEE 802.11ax (80 MHz. MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	+9.6
0.722	AAG	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
723	AAC	IEEE 802.11ex (60 MHz. MCS4, 90cc duty cycle)	WLAN	8.70	±9.6
724	AAC	IEEE 502.11ax (80 MHz. MCSS, 90pc duty cycle)	WLAN	8.90	±9.6
0725	AAC	IEEE 802.11ax (86MHz, MCS6, 90pc duty cycle)	WLAN	8.74	19.6
726	AAC	IEEE 802.11ax (80 MHz. MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
1727	AAC	IEEE 802.11ax (80 MHz, MCSR, 90pc duty cycle)	WLAN	9.66	±9.6
1728	AAC	IEEE 802,11ax (80 MHz, MCS8, 90pc duty cycle)	WEAN	8.65	±9.6
1729	AAC	IEEE 802.11ax (80 MHz. MCS10, 90pc duty cycle)	WLAN	0.54	19.6
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	0.07	+9.6
731	AAG	IEEE 802,11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
732	AAC	IEEE 802.11ax (80 MHz, MGS1, 95pc duty cycle)	WLAN	8.46	-
7733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6 ±9.6
1734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	20.0
735	AAC	IEEE 802.11ax (80 MHz; MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
7735	AAC	IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WLAN	8.27	19.0
737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
739	AAC	IEEE 802.11ax (80 MHz; MCS8, 99pc duty cycle)	WLAN	8.42	
740	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)			19.6
5741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8,48	±9.6
742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.40	19.6
743	AAC	IEEE 802.11as (50 MHz, MCS0, 90pc day cycle)	WLAN	8.94	±9.6
7744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)		1000	±9.6
7745	AAC	IEEE 802,11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.16	±9.6
746	AAG	IEEE 802,11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.93	±9.6
747	AAC		WLAN	9.11	±9.0
	and the second	IEEE 802.11ex (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	1:9.6
748	AAG	IEEE 802.11aa (160 MHz, MCSS, 90pc duty cycle)	WLAN	6.93	1:9.6
7749	AAC	IEEE 802.11ax (160 MHz, MC95, 90pc duty cycle)	WLAN	8.90	±9.6
750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	1,9,8
3751	AAC	IEEE 902.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	0.82	±0.6
175E	AAC	IEEE 902.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
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10753	AAC	IEEE 802.11ax (180 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8,94	±9,6
10755	AAC.	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WEAR	0.64	19.6
10755	AAC	IEEE 808.11ax (160 MHz, MCS1, 99pp duty cycle)	WLAN	8.77	±9.6
10757	AAC.	IEEE 802.11ax (160 MHz, MCS2, 99pt duty cycle)	WLAN	8.77	19.0
10758	AAC	IEEE 802,11ax (160 MHz, WCS3, 99pc duty cycle)	WLAN	8.69	19.6
10759	AAD	IEEE 802:11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz; MCS5, 99pc duty cycle)	WLAN	8.49	19.6
10761	AAC	IEEE 802,11ex (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	19.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	B.49	19.6
10783	AAD	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.50	±9.6
10764	AAC	IEEE 802,11ax (160 MHz, MCS9, 96pc duty cycle)	4,000,000	Annual Control of Control	
10765	AAC		WLAN	8.54	±9.6
	AAC	IEEE 803.11ax (160 MHz, MCS10, 89pc duty cycle)	WLAN	B,54	19.6
10.788	distribution of	IEEE 882.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	SG NR FR1 TOD	7.99	上等.6
10768	AAD	SG NR (CP-OFDM, 1 RB, 16 MHz, GPSK, 16 kHz)	SG NR FR1 TDD	B.01	19.6
10789	AAD	50 NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FRT TDD	B.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	9.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	±9.0
0772	AAD	93 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
0.773	AAD	5G NR (CP-DFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.03	±9.6
0774	AAD	5G NR (CP-DFDM, 1 RB, 50MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	19.6
0775	AAD	5G NR (CP-OFDM, 56% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	B.31	±0.0
0.776	CAA	5G NR (CP-CFOM, 50% RB. 10 MHz, CPSK, 15kHz)	5G NR FRI TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB. 15 MHz, GPSK, 15 kHz)	SG NA FAT TOD	6.30	19.6
0778	AAD	56 NR (CP-OFDM, 50% RB, 26 MHz, GPSK, 15 KHz)	SG NR FR1 TDD	8.34	+9.0
0.778	AAC	5G NR (CP-DFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI TDD	B.42	19.1
0780	AAD	8G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 TOD	8.38	±9.6
0781	AAD	50 NR (CP-OFDM, 50% RB, 40 MHz, CPSK, 15kHz)	5G NR FR1 TDD	6.38	19.6
0.782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FRI TOD	8.43	19.6
0783	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, GPSK, 15NHz)	SG NR FR1 TDD	8.31	19.6
0784	AAD	5G NR (CP-OFDM, 100% RB. 10 MHz, GPSK, 15 kHz)	56 NR FR1 TDD	8.29	19.0
0785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	19.6
0780	AAD	5G NR (CP-OFOM, 100% RB. 20 MHz, QPSK, 15 kHz)			1000
0787	AAD	56 NR (CP-OFDM, 100% RB, 25 MHz, GPSK, 15 HHz)	SG NA FR1 TDD	6.35	±9.6
0788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	SG NR FRT TOD	8.44	19.6
0789	AAD	Control of the Contro	5G NR FRI TDD	8.29	19.6
	AAD	5G NR (CP-OFOM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	19.6
0790	direction that	5G NR (CP-OFDM, 100% RB, 50 MHz, GPSK, 15 KHz)	58 NR FR1 TDD	0.39	±9,6
0791	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	SG NR FR1 TDD	7,83	±9,8
0788	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, GPSK, 30 kHz)	5G NR FRI TDD	7.92	±9.6
0793	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
0794	AAD	5G NR (CP-CFDM, 1 RB, 20 MHz, QPSK, 30 MHz)	9G NR FR1 TDD	7.82	±9.6
0795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
0798	AAD	5G NR (CP-OFDM, 1 RB; 30 MHz, GPSK, 30 kHz)	5G NA FAI TOD	7.62	19.6
0797	AAD	SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	8.01	+9.6
0798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
0799	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz; QPSK, 30 kHz)	5G NR FR1 TDD	7.93	19,6
0801	AAD.	5G NR (CP-OFDM, 1 RB, 80 MHz, CPSK, 36 kHz)	5G NR FR1 TDD	7.89	±9.0
1080	AAD	53 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 KFtz)	5G NR FR1 TDD	7.87	89.6
0803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	8.37	29.5
0809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8.34	19.6
0810	AAD	5G NR (CP-OFDM, 50% RE. 40 MHz, QPSK, 30 kHz)	SG NR FRI TOO	8.34	
0812	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)			28.6
0817	AAE	5G NR (CP-OFDM, 100% RB, 6MHz, QPSK, 304Hz)	5G NR FR1 T00	8.35	±9.6
0818	AAD		5G NR FR1 T00	8.35	g 0.6
0819	AAD	5G NR (CP-OFDM, 108% RB, 10MHz, QPSK, 30MHz)	5G NR FR1 T00	8.34	€9.6
		5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	9G NR FR1 TG0	8.33	29,6
0820	AAD	SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8.30	19.6
0821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	£9.6
0.822	DAA	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.41	69.0
0823	AAD	5G NR (CP-OFDM: 100% RB, 40 MHz, QPSK, 30 kHz)	5G NA PAT TOD	8.36	±0.6
0.824	AAD.	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8.36	±9.6
0825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	8,41	±9.6
0827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 30 kHz)	5G NR FRI TOD	B.42	19.6
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10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1-TDD	8.40	19.8
10830	AAD	50 NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FRI TDD	7.63	19.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NA FA1 TDD	7,70	±9.6
10832	AAD	5G NR (CP-OFOM, 1 RB, 20 MHz, CPSK, 80 kHz)	SQ NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-CFOM, 1 RB, 25 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.70	£9,6
10824	AAD	5G NA (CP-OFOM, 1 RB, 30 MHz, QPSK, 80 kHz)	50 NR FR1 TDD	7.75	19.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.70	19.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 90kHz)	5G NR FR1 TDD	7.66	19.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 100	7.88	19.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 60kHz)	5G NR FR1 TD0	7.70	±9.6
10840	AAD	5G NR (CR-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 50 kHz)	50 NR FR1 TD0	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 601Hz)	5G NR FR1 TDD	8.49	±9.6
10.844	AAD	-5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 80%Hz)	5G NR FR1 TDD	8.34	±9.6
10.84E	AAD	SG NR (CP-OFDM, 60% RB, 30MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 60kHz)	50 NR FR1 TDD	8.34	±9.8
10855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 80kHz)	5G NR FR1 TDD	8.36	±9.5
10858	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 60kHz)	SG NR FR1 TDD	8.37	±9:0
10857	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60kHz)	50 NR FR1 TDD	8.35	±9.6
10858	AAD	53 NR (OP-OFDM, 100% RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAC	50 NR (CP-OFDM, 100% RB, 40MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.54	±5.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, 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	1.9.6
10863	AAEI	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	SG-NR-FR1 TDD	8.41	±9.8
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NA FA1 TDD	8.37	±9.6
10865	AAD	5G NR (GP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	56 NR FR1 TDD	8.41	±9.6
10888	AAD	5G NR (DFT-6-OFDM, 1 RB, 100MHz, QPSK, 30NHz)	SG NR FR1 TDD	5.58	19.6
10868	AAD	5G NR (DFT-s-OFDM, 100% R8, 100 MHz, QPSK, 30 kHz)	5G NA FAT TOD	5.89	±9.fi
10880	AAE	5G NR (DFT-6-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NA FR2 TOD	5.75	±9.6
10870	AAE	5G NR (DFT-s-DFDM, 100% RB, 100 MHz, QPSK, 120 KHz)	BG NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-6-DFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-6-DFDM, 100% RB, 100 MHz, 18QAM, 120 kHz)	50 NR FRQ TOD	0.52	19.0
10873	AAE	5G NR (DFT-s-DFDM, 1 RB, 100 MHz, 84QAM, 120 kHz)	5G MR FR2 TDD	6.61	£9.6
10874	AAE	5G NR (DFT-s-OFDM, 100%-RB, 100MHz, 64QAM, 120HHz)	5G NR FR2 TOD	6.65	±9.6
10875	AAE	5G AR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FRE TOD	7,78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 T00	8.39	19.6
10.877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16GAM, 120 kHz)	5G NR FR2 TDO	7.95	±9,6
10.878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FRE TOO	8.41	±9.6
10.879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64GAM, 120 kHz)	5G NR FR2 100	8.12	±9.6
10880	AAE	8G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2.T00	8.38	88.6
10881	AAE	SG NR (DFT-e-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR PR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-DFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.0
10883	AAE	5G NR (DFT/s-OFDM, 1 RB, 50 MHz, 19QAM, 120 kHz)	5G NR FR2 TDD	8.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	19.5
10885	AAE	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, 64GAM, 120 kHz)	5G NR FR2 TOD	6.61	±9.6
10886	AAE	5G NR (DFTs-DFDM, 100% RB, 50 MHz, 64QAM, 1204Hz)	5G NR FR2 T00	8.85	19.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FRE YOU	7.78	±9.6
10.888	AAE	5G NR (CP-OFDM, 180% RB, 50MHz, QPSK, 120KHz)	53 NR FR2 T00	8.35	±0.0
10888	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16GAM, 120 kHz)	5G NR FR2 T00	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% R8, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64OAM, 120 kHz)	50 NR FR2 TDD	8.13	±9.6
1089E	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 64GAM, 120KHz)	5G NA FR2 TDD	8.41	19.6
10897	AAC	5G NR (DFT-e-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	5.66	19.6
10898	AAB	5G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NRI FR1 TDD	5.67	±8.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 20 kHz)	5G NR FR1 TDD	5.67	19.6
10990	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19,6
10901	AAB	5G NR (DFTs-OFDM, 1 RB, 25 MHz, QPSK, 35 kHz)	SG NR FR1 TDD	5.88	±9.6
1090E	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	3,0,6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 46 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
	AAB	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.68	±9.6
		5G NR (DFT-e-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	10.6
10905	AAB				
10905 10908	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	8.9.6
10907	AAB	5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	50 NR FR1 TDD	5.68 5.78	±9.6
10905 10908 10907 10908	AAB AAC AAB	5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 30kHz) 5G NR (DFTs-OFDM, 50% RB, 10MHz, QPSK, 30kHz)	50 NR FR1 TDD 5G NR FR1 TDD	5.78 5.93	±9.6
10905 10908 10907	AAB	5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	50 NR FR1 TDD	5.78	±9.6

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UID	Bav	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k ⇒
10911	AAB	SG NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 30 MHz)	SG NR FR1 T00	5,93	±9.6
10912	AAB	9G NR (DFT-6-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5,84	±9.6
10918	BAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	5.84	±9.6
0914	AAB	50 NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	0.85	±9.6
0915	AAB	SS NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 T00	5.03	£9.6
8616	EAA	9G NR (DFT4-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
0917	AAB	5G NR (DFT-s-CFDM, 50% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	19.6
0918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 2010Hz)	SG NR FR1 TDD	5.86	±9.6
0919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.80	±9.6
10920	AA8	5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK; 30 kHz)	5G NR FR1 TDD	8.87	±9.6
0921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	SG NR FR1 TOD	5.84	±9.6
0922	BAA	5G NR (DFT-s-DFDM, 100% RB, 25 MHz, QPSK, 20 kHz)	5G NR FR1 TDD	5.82	±9.6
0853	AAB	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 30MHz)	5G NR FR1 TDD	5.84	19.0
0884	AAB:	5G NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 30MHz)	5G NR FR1 TDD	5.84	±9.6
0925	AAB	5G NR (DFT-s-GFDM, 100% RB, 50 MHz, GPSK, 30 kHz)	SG NR FR1 TOD	6.95	±9.6
0926	AAB	5B NR (DFT-a-OFDM, 100% RB, 60 MHz, QPSK, 30kHz)	5G NR FR1 TD0	5.84	±9.6
0927	AAB	5G NR (OFT-s-OFDM, 190% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	19,6
0999	AAC	SG NR (DFT-s-OFDM, 1 RB, 5 MHz, GPSK, 15 kHz)	6G NR FRI FDD	5.52	19.6
0929	AAG	98 NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.52	±9.6
0930	AAC	9G NR (DFT4-DFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.52	±9.6
0931	AAC.	5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.51	±9.6
0835	AAG	5G NR (DFT-s-OFDM, 1 HB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	1,9,6
0933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	SO NR FR1 FDD	5.51	±9,6
099€	AAC	5G NR (DFT-s-OFDM, 1 RB, 45MHz, QPSK, 15 NHz)	5G NR FR1 FDD	5.51	±9,6
0935	AAD	50 NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5,51	19.6
0936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9,6
0837	AAC	6G NR (DFT-6-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9,6
0938	AAC	50 NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
0939	AAC	SG NR (DFT:s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	56 NR FR1 FDD	5,62	±9.6
0940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9,6
0941	AAC	5G NR (DFT-s-OFOM, 50% RB, 30MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.83	39.6
0842	AAC	5G NR (DFT-s-OFDM, 50% R8, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.86	±9.6
0943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.96	±9.6
0944	AAC	5G NR (DFT-s-OFDM, 100% RB, 8MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±9.6
0945	AAC	58 NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 16 kHz)	5G NR FR1 FDD	5.85	±9.8
0945	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0947	AAC	5G NR (DFT-e-OFDM, 100% RB, 20 MHz, QPBK, 15 kHz)	5G NR FR1 FDD	5.87	±9.8
0948	AAC	58 NR (DFT-s-OFOM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
0949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.57	±9.6
0950	AAC	5G NR (DFT-e-OFOM, 100% RB, 46 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.94	±9.6
0951	AAD	5G.NR (DFT-a-OFDM, 100% AB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5,90	±9.6
0952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHzr, 64-QAM, 15 kHz)	59 NR FR1 F00	8.25	±9.6
0953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15HHz)	5G NR FR1 F00	8.15	±8.6
0954	AAA	SG NR DL (CP-OFOM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.23	±9.6
0.955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.42	±9.6
0958	AAA	5G NR DL (CP-OFOM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.14	£9.0
0957	AAA	5G NR DL (CP-OFOM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
1958	AAA	5G NR DL (CP-OFOM, TM 3.1, 15MHz, 84-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
1956	AAA	5G NR DL (CP-OFDM, TM 3.1, 26 MHz, 64-DAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
0990	AAC	5G NR DL (CP-OFOM, TM 3.1, 5 MHz, 64-OAM, 15 kHz)	6G NA PAT TOD	9.30	19.6
1961	AAB	8G NR DL (CP-QFDM, TM 3.1, 10 MHz, 84-QAM, 15 kHz)	SG NR FRI TDD	8.36	±9.6
1962	AA8	SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
1963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz)	5G NA FRI TOD	9.55	19.6
1964	AAC	6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 303Hz)	SG NA FAT TOO	9.29	19.6
1965	BAA	5G NR DL (CP-OFDM, TM 3.1, 18 MHz, 54-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
1966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30kHz)	8G NR FR1 TDD	9.55	±9.0
967	AAB	SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 04-QAM, 30 kHz)	8G NR FR1 TDD	9.42	±9.6
968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±8.6
1972	AAB	5G NR (CP-OFDM, 1 R8, 20 MHz, QPSK, 15 kHz)	SG NR FRI TDD	11.59	±9.6
973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSX, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
1974	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	SG NR FR1 TDD	10.28	±9.6
9978	AAA	ULLA BOR	ULLA	1.16	±9.6
0979	AAA	ULLA HDR4	ULLA	8.58	29.5
deed	AAA	ULLA HDR8	ULLA	10.32	+9.6
1880	AAA.	ULLA HDRp4	ULLA	3.10	69.6
0982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

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UID	Bev	Communication System Name	Group	PAR (dB)	Unc* k + 2
10983	AAA	SG NR DL (CP-OFDM, TM 3.1, 40 MHz, 84-QAM, 15 kHz)	5G NR FR1 TD0	9.31	±9.6
10984	AAA	50 NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 NHz)	50 NR FR1 TD0	9.42	±9.6
10985	AAA	5G NR DL (CP-OFOM, TM 3.1, 40 MHz, 64-QAM, 36 kHz)	5G NR FRI 100	9,54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TD0	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOO	9.53	10.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-DAM, 30 kHz)	50 NR FR1 TDD	0,38	19.6
10989	AAA	5G NR DL (CP OFDM, TM 3.1, 80 MHz, 84-DAM, 30 kHz)	5G NR FRI TOD	8.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	50 MR FR1 TDD	9.52	19.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz; 64-QAM, 30 kHz)	50 NR FR1 TDD	10.73	#9.6
11005	AAA	5G NR Dt. (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.70	±9,6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 84-GAM, 15 kHz)	5G NR FR1 FDD	8.55	£9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.46	±0.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1; 50 MHz, 64-QAM, 15 kHz)	5G NR FRT FOD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 38 kHz)	50 NR FR1 FD0	8.96	+9.8
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	0.66	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	15.6
11014	AAA	IEEE 802,11be (320 MHz, MGS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 809.11be (390 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	19.6
1101€	AAA	IEEE 902.11be (325MHz, MGS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11015	AAA.	IEEE 803,11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8,40	±9.6
11019	AAA.	IEEE 802.11be (320 MHz, MCS7, 98pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz. MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11001	AAA	IEEE 802,11ba (320 MHz. MC58, 99pc duty cycle)	WOAN	8.46	+9.6
11022	AAA	IEEE 802,11be (329 MHz, MGS10, 98pc duty sycle)	WLAN	8.36	±8.6
11023	AAA	IEEE 802.11be (320 MHz, MGS11, 89pc duty cycle)	WLAN	8.00	±9.6
11024	AAA	IEEE 802,116e (300 MHz, MOS12, 99pc duty cycle)	WLAN	8.42	±9.0
11025	AAA	IEEE 800,11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	+9.6
11026	AAA	IEEE 802:11be (320 MHz; MCS0, 99pc duty cycle)	WLAN	8.39	±9.0

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

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Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kallbrierdienst Service suisse d'étalonnage Servizio svizzero di taratura C S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7654\_May23

## **CALIBRATION CERTIFICATE**

EX3DV4 - SN:7654 Object

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6, Calibration procedure(s)

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

May 24, 2023 Calibration date

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	Call Date (Certificate No.)	Scheduled Calibration
Power mater NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar 24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Opt-23
Reference 20 dB Alteruator	SN: CC2552 (20x)	.30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 860	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. E53-3013_Jan23)	Jan-24

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 8548C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8356A	SN: US41080477	31-Mar-14 (in house check Oct-22)	in house check: Oct-24

Calibrated by Jeton Kastrati Laboratory Technician = (u Approved by Sven Kühn Technical Manager 265 Issued: May 25, 2023 This calibration cartificate shall not be reproduced except in full without written approval of the inhoratory.

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# Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
Servizio sytzzero di taratura
S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

#### Glossary

TSL tissue simulating liquid
NORMx.y.z sensitivity in free space
ConvF sensitivity in TSL / NORMx.y.z
DCP diode compression point

CF crest factor (1/duty\_cycle) of the RF signal modulation dependent linearization parameters

Polarization φ φ rotation around probe axis

Polarization 0 0 rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., 0 = 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 52209-1528, "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 I > 800MHz) and inside waveguide using analytical field distributions based on power measurements for I > 800MHz. The same setups are used for assessment of the parameters applied for boundary componsation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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May 24, 2023

# Parameters of Probe: EX3DV4 - SN:7654

### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.65	0.60	0.54	±10.1%
DCP (mV) B	105.0	103.1	105.3	±4.7%

### Calibration Results for Modulation Response

UID	Communication System Name		dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0:00	0.00	1.00	0.00	148.2	±1.6%	±4.7%
		Y	0.00	0.00	1.00		122.0		
		Z	0.00	0.00	1.00		131.0		
10352	Pulse Waveform (200Hz, 10%)	X	1.55	60.73	6.09	10.00	60.0	±2.9%	±9.6%
		Y	12.00	74.00	11.00		60.0		
		Z	1.62	61.10	6.55		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	50.00	76.00	9.00	6.99	80.0	±2.7%	±9.6%
		Y	20.00	74.00	9.00		80.0		
		Z	0.81	60.00	4.82		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.01	123.94	0.36	3.98	95.0	±2.6%	±9.6%
		Y	0.15	141.04	0.17		95.0		
		Z	0.00	123.38	0.28		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	2.90	159.97	2.72	2.22	120.0	±1.6%	±9.6%
		Y	9.85	158.93	9.41		120.0	500	
		Z	0.37	160.00	0.72		120.0		
10387	QPSK Waveform, 1 MHz	X	0.73	64,30	11.73	1.00	150.0	±4.6%	±9.6%
	TWI DOUGH STOCKSWEETING	Y	0.67	64.71	12.29	1000	150.0	2000	and the same
		Z	0.44	61.42	10.28		150.0		
10388	QPSK Wavelorm, 10 MHz	X	1.42	65.22	13.59	0.00	150.0	±1.0%	±9.6%
	1.000 SOMMEDSON (1.00 COMP)	Y	1.43	65.90	13.93	21-000	150.0	==Y000	- 1414
		Z	1.17	64.02	12.71		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.67	64.19	15.74	3.01	150.0	±1.0%	±9.6%
	Committee Commit	Y	1.65	64,11	15.72		150.0	11.700	HENDIGE
		Z	1.61	63.93	15.68		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.90	65.94	14.83	0.00	150.0	±2.9%	±9.6%
	LENGTH WAS REALIZATION OF STATE	Y	2.91	66.31	15.07	0.0000000000000000000000000000000000000	150.0	1545000000	U 1200.00%
		Z	2.80	66.11	14.87		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.02	65.64	15.14	0.00	150.0	±4.7%	±9.6%
	CANDODESIA SERVICIONES VERSINA	Y	3.96	65.93	15.28		150.0	2000	1500000
		Z	3.81	65.83	15.13		150.0		

Note: For details on UID parameters see Appendix

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

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

If Linearization parameter uncertainty for maximum specified field strangth.

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



EX3DV4 - SN:7654 May 24, 2023

# Parameters of Probe: EX3DV4 - SN:7654

### Sensor Model Parameters

	C1 fF	C2 fF	α V <sup>-1</sup>	T1 msV <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V-2	T5 V⁻1	T6
Х	13.6	99.48	34.12	3.95	0.00	4.91	0.53	0.01	1.01
y.	11.6	84.81	33.87	3.79	0.00	4.90	0.48	0.00	1.00
Z	10.3	75.76	34.17	3.39	0.00	4.95	0.21	0.04	1,01

### Other Probe Parameters

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Sensor Arrangement	Triangular
Connector Angle	-21.2"
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	1.4mm

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:7654

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
750	41.9	0.89	10.42	10.45	11.09	0.38	1.27	±12.0%
835	41.5	0.90	9.83	9.90	10.74	0.37	1.27	±12.0%
900	41.5	0.97	9.48	9.59	10.59	0,38	1.27	±12.0%
1750	40.1	1.37	8.98	9.09	9.77	0.27	1.27	±12.0%
1900	40.0	1,40	8.46	8.45	9.14	0.30	1.27	±12.0%
2300	39.5	1.67	8.09	8.02	8.69	0.32	1.27	±12.0%
2450	39.2	1.80	7.94	7.91	8.56	0.30	1.27	±12.0%
2600	39.0	1.96	7.92	7.86	8.50	0.30	1.27	±12.09
3300	38.2	2.71	7.42	7.39	8.02	0.35	1.27	±14.09
3500	37.9	2.91	7.31	7.33	7.88	0.35	1.27	±14.09
3700	37.7	3.12	7.30	7.28	7.84	0.37	1,27	±14.09
3900	37.5	3.32	7,15	7.09	7.70	0.38	1,27	±14.09
4100	37.2	3.53	7:04	7.00	7.55	0.38	1.27	±14.09
4400	36.9	3.84	6.85	6.82	7.33	0.36	1,27	±14.09
4600	36.7	4.04	7.08	6.94	7,55	0.39	1.27	±14.09
4800	36.4	4.25	6.99	6.94	7.44	0.38	1.27	±14.09
4950	36.3	4.40	6.55	6.39	6.96	0.46	1.36	±14.09
5250	35.9	4.71	6.06	6.00	6.33	0.37	1.62	±14.09
5600	35.5	5.07	5.34	5.26	5.58	0.42	1.67	±14.09
5750	35.4	5.22	5.36	5.21	5.67	0.41	1.75	±14.09
5800	35.3	5.27	5.31	5.15	5.58	0.40	1.78	±14.09

<sup>&</sup>lt;sup>6</sup> Frequency validity above 300 MHz at ±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 CornF uncertainty at culturation frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for CornF assessed at 5 MHz is 4–9 MHz, and CornF assessed at 13 MHz is 4–19 MHz. Above 5 GHz frequency validity can be estimated to ±110 MHz.
The probes are calibrated using fissue simulating liquids (TSL) that deviate for a and a by less than ±5% from the target values (typically before than ±3%) and are valid for TSL with deviations of up to ±10 MLz.
This probes are calibration uncertainties are 11,1% for 0.7 · 3 GHz and 13.1% for 3 · 6 GHz.

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



EX3DV4 - SN:7654 May 24, 2023

# Parameters of Probe: EX3DV4 - SN:7654

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
6500	34.5	6.07	5.92	5.77	6.10	0.20	2.50	±18.6%

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C Frequency validity at 6.5 GHz is ~800\+700MHz, and ±700MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

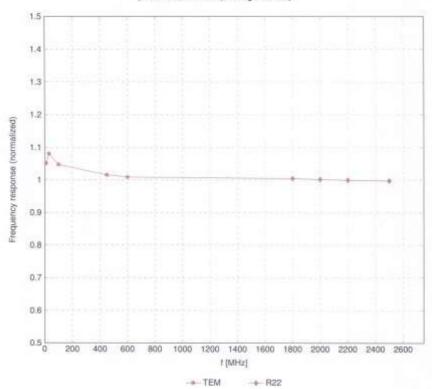
The proble are calibrated using issue simulating liquids (TSL) that deviate for c and or by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

Alpha/Cepth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 5-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.



## Frequency Response of E-Field

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



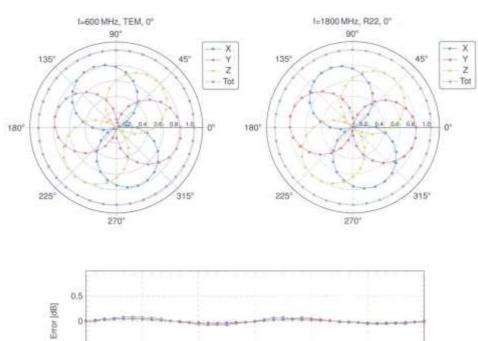
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

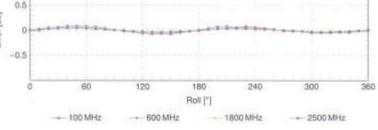
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## Receiving Pattern ( $\phi$ ), $\theta = 0^{\circ}$





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

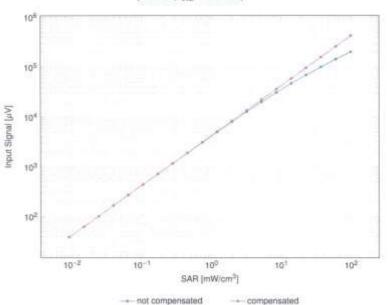
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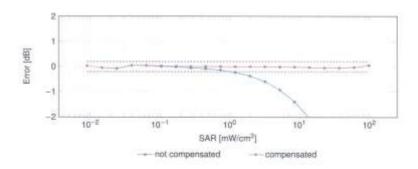
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## Dynamic Range f(SAR<sub>head</sub>)

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





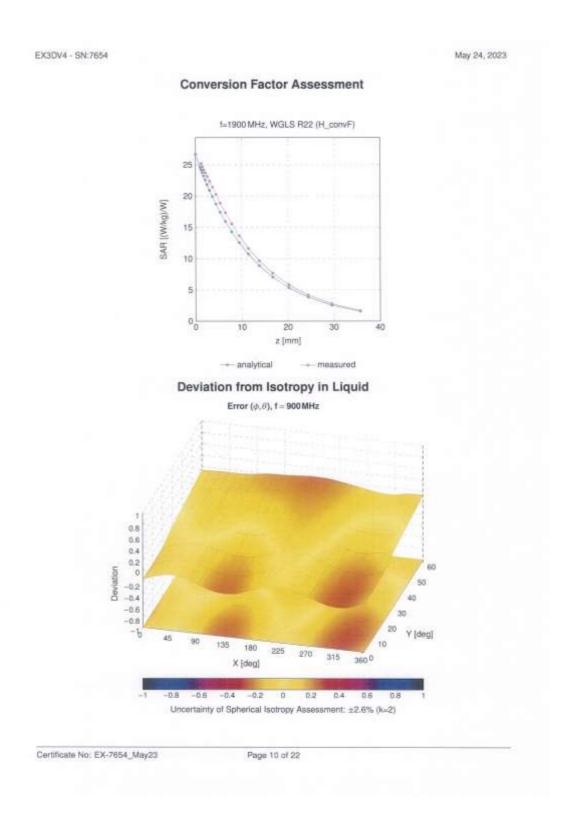
Uncertainty of Linearity Assessment: ±0.6% (k=2)

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## Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
0		GW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2:91	+9.6
10012	CAB	IEEE 802,11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1,87	+9.6
10013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	QSM-FDD (TDMA, QMSK)	G5M	9.39	+9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN III)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	0.56	+9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	+9.6
10026	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DWC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	+9.6
10028	DWC	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, DHS)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PU4-DQPSK, DH1)	Bluetooth	7.74	+9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetoath	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.8
10037	CAA	IEEE 802 15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10838	CAA	IEEE 802 15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PM4-DQPSK, Helfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.0
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	±9.0
10056	GAA	UMTS-TDD (TD-SCDMA, 1.28 Mgs)	TD-SCDMA	11.01	±9.0
10058	DAC	EDGE#DD (TDMA, 8PSK, TN 0-1-2-3)	GSM	8.52	19.6
10058	CAB	IEEE 802.11b WFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	+9.6
10000	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 2.84bps)	WLAN	2.83	±9.6
10061	CAB		WLAN	3.60	
10062	CAD	IEEE 802 11a/h WiFi 5 GHz (DFSM, 11 Misps)	WLAN	8.68	±9.6 ±8.6
10062	CAD		WLAN	8.63	
10064	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN		19.6
10065	CAD	IEEE 802.11a/h WiFL5GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10068	CAD		WLAN	9.38	
10067	CAD		WLAN	10.12	19.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (DFDM, 46 Mbos)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 46Mbps)	1,000	1,77,75	1,111,111
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9Mbps)	WLAN	10.56	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.62	
10073	CAB			100,000	±9.6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±0.6
10075	CAB	IEEE 802,11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802,11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	1,077,000	10.77	±9.6
10076	CAB		WLAN	10.94	±9.6
	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	+9,6
10081	CA8	COMAZODO (1xATT, RC3)	CDMA2000 AMPS	3.97	±9.6
	DAC	IS-54 / IS-136 FDD (TDMA-FDM, PV4-DQPSK, Futrate)	100000	4.77	±9.6
10090	CAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	19.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±8.6
10000000	DAG	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	CAF	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	L7E-FD0	5.67	±9.6
10101		LTE-FD0 (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FD0	6.42	±9.6
10102	CAF	LTE-FOD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH		LTE-TD0	9.29	±8.6
10104	CAH		L7E-T00	9.97	±9.6
10105	CAH		LTE-TOO	10.01	±9.6
10108	CAH		LTE-F00	5.80	±9.6
10109	CAH	Experience of the control of the con	LTE-FD0	6.43	±9.6
10110	CAH	English Annual State Control of the	LTE-F00	5.75	19.6
10.111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	19.6

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UID	Bev	Communication System Name	Group	PAR (dB)	Uno* k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 84-QAM)	LTE-F00	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, (4-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802,11ri (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.0
10117	CAD	IEEE 802,11ri (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8:07	19.6
10118	CAD	IEEE 802.11n (HT Mired, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.40	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16 QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (BC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FDD	6.65	±9,6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	#9.8
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FD0	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	GAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TD0	9.92	+9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10,05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, GPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FD0	6.43	±5.5
10156	CAH		LTE-FD0	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-F00	6.49	±9.6
10158	CAH		LTE-FD0	6.62	±9.6
10150	CAH		LTE-F00	6,56	+9.6
10160	CAF	LTE-FDD (SC-FDMA, 58%, RB, 15MHz, QPSK)	LTE-FD0	5,82	+9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FD0	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-FD0	6,58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDD	5,46	±9.6
10167	CAG		LTE-FDD	6.21	19.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1,4MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16 QAM)	LTE-FDD	6,52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	5,49	±9.6
10:172	CAH	LTE-TOD (SC-FOMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.0
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9,48	#9.6
10:174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 6MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, SMHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-GAM)	LTE-FDD	6.52	±9:6
10183	AAE	LTE-FDD (SC-FDMA, 1 R8, 15 MHz, 64-QAM)	LTE-FDD	8,50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.79	±9.6
10185	CAF	LTE-FDD (9C-FDMA, 1 RB, 3MHz, 18-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1,4MHz, QPSK)	LTE-FDD	5.73	±0.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1,4MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-GAM)	LTE-FOD	6.50	±9.8
10193	CAD	IEEE 802 tin (HT Greenfield, 6.5Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802,11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.0
10195	CAD	IEEE 802 11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.8
10198	CAD	IEEE 802 11n (HT Mixed, 8.5 Mbps, 8PSK)	WLAN	8.10	±9.6
10107		IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAD	IEEE B02.11n (HT Mixed, 65Mbps, 64-QAM)	WLAN	5.27	±9.6
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAD	IEEE 802 11n (HT Mood, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAD	IEEE 802 TIn (HT Moved, 15 Mbps, SPSK)	WLAN	8.06	±9.6
and the last of th	And the second	IEEE 802 11n (HT Mixed, 90 Mbgs, 16-QAM)	WLAN	8.48	±9,6
10224	1 000	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
0225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
0226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDO	9.49	±9.6
0227	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.26	19.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0.220	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	19.6
0231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	9.19	±9.6
0333	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 19-QAM)	LTE-TDD	9.48	±9.6
0233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	10.25	±0.6
0234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, CPSK)	LTE-TDD	9.21	#9.8
0235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9,48	±9,6
0.236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9,6
0238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-TOD	10,25	±9.6
0240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TOO	9.21	±9.6
0241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 18-QAM)	LTE-TOO	9.82	±9,6
0242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-TOD	9.86	±9.8
0243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.40	±9.8
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TOD	10.06	±9.6
0245	CAE	LTE-TDD (BC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOO	10.06	±9.6
0246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TOO	9.30	±9.6
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-TDO	9,91	19.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TDD	10:09	±9.6
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9,29	±9.8
0520	CAH	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM)	LTE-TDD	9,81	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM)	LTE-TDD	10,17	19.6
0252	GAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK)	LTE-TDD	9.24	±9.6
0253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-TOD	9.00	±9.6
0254	CAG	LTE-TDD (SC-FDMA, SD% RB, 15MHz, 64-QAM)	LTE-TDD	10.14	±9.6
0.255	GAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-TDD	9.20	±9.6
0256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 18-QAM)	LTE-TDD	9.96	±9.6
0257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	ETE-TDD	10,08	±9.6
0.258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
0259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.8
0.260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
0.261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TOD	9.24	±9.6
0.262	CAH	LTE-TDD (SC-FDMA, 100% RB, SMHz, 18-QAM)	LTE-TDD	9.83	±9,8
0263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9,6
0.264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	9.23	±9,6
0295	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0286	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 54-QAM)	LTE-TDD	10.07	±9,6
0267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD	.9.30	±9.6
0288	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	土9.6
0289	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOD	10.13	±9.6
0270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±0.6
0274		UMTS-FDD (HSUFA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
0275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP RelE4)	WCDMA.	3,96	±9.6
0277	CAA	PHS (QPSK)	PHS	11.81	±9.0
0.278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
0279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.36)	PHS	12.18	+9.6
0290	AAB	GDMA2000, RC1, SG55, Full Rate	CDMA2000	3,91	±9:6
0291	AAB	CDMA2000, RC3, SC65, Full Rate	EDMA2000	3.48	±9.6
0285	AAB	CDMA2000, RC3, SC32, Full Rate	CDMA2000	3.39	±9.6
0293	AAB	CDMA2000, RC3, SC3, Full Ratio	CDMA2000	3.50	±9.6
0295	AAB	CDMA2000, RC1, SC3, 1/8th Rate 25 h.	CDMA2000	12.49	±9.6
0297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FD0	5.81	+9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FD0	5.72	±9.6
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	6.39	±9.6
0300	AAE	LTE-FDD (BC-FDMA, 50% RB, 3MHz, 54-QAM)	LTE-F00	6.60	±9.0
0301	AAA	IEEE 802 16e WMAX (29:18, 5ms, 10 MHz, CPSK, PUSC)	WMAX	12.03	±9.6
0302	AAA	IEEE 802.16e WMAX (29:18, 5ms, 10 MHz, OPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	19.6
0303	AAA	IEEE 802.16e WMAX (31:15, 5ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6
0304	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.0
0305	AAA	IEEE 802,16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	+9.6
0306	AAA	IEEE 802.16e WIMAX (29:18, 10 ms. 10 MHz, 84QAM, PUSC, 18 symbols)	WMAX	14.67	±9.6

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10307	AAA	IEEE 802-16s WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.48	.±9.6
10308	AAA.	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.48	±9.6
10309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAX	14.58	±9.8
10310	AAA.	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	#9.6
10311	AAE	LTE FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	DEN 1:0	DEN	10.51	±9:6
10314	AAA	IDEN 1.6	IDEN	13.48	±9.6
10915	AAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WEAN	8.36	±9.6
10317	AAD	IEEE 802.11a WFi 5 GHz (OFDM, 8 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	19.6
19354	AAA	Pulse Waveform (200Hz, 40%)	Conoric	3.98	19.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	GPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	19.6
10:396	.AAA.	64-QAM Waveform, 100kHz	Genetic	6.27	±9.6
10:399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802,11ac WFI (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10.401	AAE	(EEE 802.11ac WFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9,6
10403	AAB	CDMA(000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±0.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3,77	#9.6
10 406	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, Ut. Subframe=2.3,4,7,8,9, Subframe Cont-4)	LTE-TDD	7.82	±9:6
10414	AAA	WLAN CCDF, 84-QAM, 40 MHz	Generic	8.54	+9.6
10415	AAA	IEEE 802,11b WIFI 2 4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFEM, 6 Mbps. 90pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	19.6
10418	AAA	IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short presentule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7,2 Mbps, BPSK)	WLAN	8.32	+9.6
10423	AAC	IEEE 862.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	+9.6
10425	AAC	(EEE 802,11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	+9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n IHT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	19.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	+9.6
10431	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1)	LTE-FDD	8.38	+9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FOO	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20MHz, E-TM 3.1)	LTE-FDD	8.34	±9:8
10434	AAB	W-COMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG		LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	19.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7,51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	19.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±5.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Tiest	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	19.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	19.6
10458	AAA	CDMA2000 (1xEV-DC, Rev. B, 2 carriers)	CDMA2000	8.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 camers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10460	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, OPSK, UL Subframe=2.3,4,7,8.9)	LTE-TDO	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1 4 MHz, 18-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.30	
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subhama-2,3,4,7,8,9)			±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QFSK, UL Subhame-2,3,4,7,8,9)	LTE-TOD	0.56 7.82	19.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 18-QAM, UL Subframe=2.3.4.7.8.9)			±9.6
	AAD		LTE-TD0	8.32	±9.6
10488		LTE-TDD (SC FDMA, 1 RB, 3MHz, 64 GAM, UL Subhame-2.2,4,7,8,9)	LTE-TDO	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TOO	7.82	±9.6
10468	AAG	LTE TDD (SC-FDMA, 1 R8, 5MHz, 16-QAM, UL Subframe 2.3,4,7,6,9)	LTE-TOD	8.32	+9.6
10.469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subtrame=2.3.4,7,8;9)	LTE-TOO	8,56	±8.6
1-N 2755		LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM, UL Subframes 2.3.4.7.8.9)	LTE-TDO	8.32	+9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subhamex2,3.4,7.8.9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,82	#9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subkune-2,3,4,7,8.9)	LTE-TOD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subhame=2,3,4,7,8.9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-DAM, UL Subkame+2,3,4,7,8,9)	LTE-TOD	8.32	±8.6
10478	AAG	LTE-TDD (SC-FDMA, 1 R8, 20 MHz, 64-GAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8,57	±9,5
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM, UL Subvarne=2,3,4,7,8.9)	LTE-TOD	8:18	±9.6
10.481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subtrame=2,3.4,7,6.9)	LTE-TOD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subfame=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subtrame=2,3.4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TOD (SC-FDMA, 50% RB, 5MHz, 18-QAM, UL Subframe=2,3,4,7.8,9)	LTE-TOO	6.38	+9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK, UL Subhame=2,3,4,7,6,9)	LTE-TOD	7.70	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM, UL Subframe-2,3,4,7,8.9)	LTE-TDD	8,31	±9.6
10490	AAG	LTE-TDD (SG-FDMA, 50% RB, 10MHz, 84-QAM, UL Subtrame=2.3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7,74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-GAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	19.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8,55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Subhame+2,3,4,7,8,9)	LTE-TDD	8.54	#9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
10.498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe-2.3,4,7,6,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8.68	±9,6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subhame-2,3,4,7,8.9)	LTE-TD0	8.44	±9.6
10.502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subtrame=2,3.4.7,8.9)	LTE-TDD	8.52	±9.6
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subtrame=2,3.4,7,8,9)	LTE-TDD	8.31	19.6
10505	AAG	LTE-TDD (SG-FDMA, 100% RB. 5MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TD0	8.54	+9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subhame=2,3,4,7,8,9).	LTE-TOO	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subhame=2,3,4,7,8.9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subhame=2,3,4,7,8.9)	LTE-TOD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 54-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TD0	2.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.45	±9.6
10515	AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WEAN	1.58	±9:8
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1,56	±6.6
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	0.23	±9.6
10519	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WIFI'S GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99cc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	19.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 98pc duty cycle)	WLAN	E.27	+9.6
10525	AAC	(EEE 802.11ac WIFI (20MHz, MCS0, 96pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	(EEE 802.11as WIFI (20 MHz, MCS1, 39pc duty sycle)	WLAN	8.42	19.6
10527	AAC	IEEE 802.11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	H.21	±9.6
10528	AAC	IEEE 802,11as WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 98pc duty cycle)	WLAN	8.36	19.6
10531	AAC	IEEE 802.11ac WIFI (20 MHz, MC98, Mipc duty cycle)	WLAN	0.43	±9,6
10532	AAC	IEEE 802.11ao WIFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WIFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAC	IEEE 802.11as WIFI (40 MHz, MCS1, 98pc duty cycle)	WLAN	8.45	±9.6
10536	AAC	IEEE 802,11ac WiFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	0.32	±9.6
10537	AAC	IEEE 802.11ac WFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.8
10540		IEEE 802.11ac WIFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.39	19.6

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THD	Hev	Communication System Name	Group	PAR (dB)	UngE k =
0541	AAC	IEEE 802:11ac WiFi (40 MHz, MCS7, 89pc duty cycle)	WLAN	8.46	±9.6
0542	AAC	IEEE 802.11ac WIFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8,85	19.6
0543	AAC	IEEE 802.11ac WiFi (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.65	±9,6
0544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545	AAC	IEEE 802.11ac WIFI (80 MHz, MGS1, 90pc duty cycle)	WLAN	8.55	8,6
0546	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
0547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±8.6
0546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
0550	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
0551	AAC	IEEE B02.11ac WIFI (80/MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
0552	AAC	IEEE 802,11ac WFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0553	AAC	IEEE 802.11ac WiFi (80 MHz, MCSS, 99pc duty cycle)	WLAN	8.48	#9.6
0554	AAD	EEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
0555	AAD	IEEE 802,11ac WIFI (160 MHz, MGS1, 99pc duty cycle)	WLAN	8.47	+0.6
0556	AAD	IEEE 802.11ac WIFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.8
0557	AAD	IEEE 802.11ac WIFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9,6
0558	AAD	IEEE 802 11ac WIFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
0580	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	19.6
0561	AAD	IEEE 802.11ac WIFI (180 MHz, MC57, 99pc duty cycle)	WLAN	8.56	+9.8
0562	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	0.69	±9.6
0563	CAA	IEEE 802.11ac WFi (160 MHz, MCS9, 98pc duty cycle)	WLAN	8.77	±9.6
0564	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 9Mbps, 99pc duty cycle)	WLAN	H.25	±9.6
0565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFOM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.8
0567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
0568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 89pc duty cycle)	WLAN	#.37	±9.0
0569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0570	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFOM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
0571	AAA	IEEE 802.11b WIFI 2.4 GHz (DGSS, 1 Mbps, 90pc duty cycle)	-WLAN:	1.99	±9.6
0572	AAA.	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2Mbps, 90pc duty cycle)	WI,AN	1,99	±9.6
0573	AAA	IEEE 802,11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
0574	AAA	IEEE 802,116 WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0575	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duly cycle)	WLAN	8.59	±9.0
057E	AAA.	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.8
0577	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, B0pc duty cycle)	WLAN	8,70	±9.6
0578	AAA.	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WI,AN	8,49	±9.6
0579	AAA	IEEE 802,11g WIFI 2,4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 80pc duty cycle)	WLAN	8.76	±9.8
0581	AAA.	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, B0pc duty cycle)	WLAN	8.35	±9.6
0582	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 64 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
0583	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WILAN	8,59	±9.0
0584	AAC	IEEE 902,11ah WFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0.585	AAC	IEEE 802.11sh WiFi 5 GHz (OFDM, 12 Mops, 90pc duty cycle)	WLAN	8.70	±9.6
0586	AAC	IEEE 802.11ah WFi 5 GHz (OFDM, 18 Mops, 90pc duty cycle)	WLAN	8.49	±9.6
0587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.0
0588	AAC	IEEE 802.11 wh WIFI 5 GHz (OFDM, 36 Mops, 90pc duty cycle)	WLAN	8.76	#9.6
0589	AAC	IEEE 802,11ah WEI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
0.590	AAC	IEEE 802,11ah: WFI 5 GHz (OFDM, 54 Mbps, 50pc duly cycle)	WLAN	8.67	±9.6
0591	AAC	IEEE 902.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0590	AAC	EEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
0.594	AAC	IEEE 802,11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
0595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
0596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WI,AN	8.71	±9.6
0597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MC56, 90pc duty cycle)	WLAN	8.72	±9.6
0598	AAC	EEE 802.11n (HT Mixed, 20 MHz, MC57, 90pc duty cycle)	WLAN	8.50	±9,6
0.599	- AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.4
0.000	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
0.602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
0603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
0604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
0.905	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
0606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	6.82	±9.6
0607	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	.WLAN	8.64	±9.6
0608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle):	WLAN	8.77	+9.6

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UND	Rev	Communication System Name	Group	PAR (dB)	Unch k =
10809	AAC	IEEE 802.11ac WIFI (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±8,6
10610	AAC	IEEE 802.11ac W/FI (20 MHz, MCS3, 90pc duty cycle)	WLAN	5.78	±9.6
10611	AAC	IEEE 802 11ac WFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0812	AAC	IEEE 802.11ac WFI (20 MHz, MCS5, B0pc duty cycle)	WLAN	8.77	±9.6
0613	AAC	IEEE 802,11ap W/FI (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
0614	AAC	IEEE 802,11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
0615	AAC	IEEE 802.11ac WFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	6.82	±9.6
0616	AAC	IEEE 802.11ac WFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	+9.6
0617	AAC	IEEE 802 11ac WIF (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
0618	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	19.6
0619	AAC	IEEE 802.11ac WIF: (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.88	±9.6
8620	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	+9.6
0621	AAC	JEEE 800, 11ac WiFi (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
0.622	AAC	IEEE 802.11ac WIFI (40 MHz. MC56, 90pc duty cycle)	WLAN	8.68	±9.6
0623	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0824	AAC	EEE 802.11ac WFI (46 MHz, MCS8, 90pc duty cycle)	WLAN	5.96	±9.6
0825	AAC	IEEE 802.11ac WFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	5.96	±9.6
0.626	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	+9.6
0827	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0628	AAC	IEEE 802 11ac WFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
0829	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8,85	±9.6
0630	AAC	IEEE 802.11sc WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
0631	AAC	IEEE 802:11ac WIFI (80 MHz, MCSS, 90pc duty cycle)	WLAN.	8.81	19.6
0632	AAC	IEEE 802.11ac Will (80 MHz, MCS8, 90pc duty cycle)	WEAN	8,74	+9.6
0633	AAC	JEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	0.63	±9.6
0634	AAG	IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8,80	±9.6
0635	AAC	IEEE 802,11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	+9.6
0636	AAD	IEEE 802,11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0637	AAD	IEEE 802.11ac WIFI (160 MHz, WCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638	AAD	IEEE B02.11ac WIFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0.639	GAA	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10/640	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10541	AAD	IEEE B02.11ac WiFi (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9,6
10843	AAD	IEEE 802.11ac WFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9,6
10644	AAD	(EEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	+9.6
10645	AAD	IEEE 802.11ac WFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subhame=2,7)	LTE-TOO	11,96	+9:6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subhame=2.7)	LTE-TDD	11.96	±9.6
10848	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Olipping 44%)	LTE-TD0	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7,42	19.6
0654	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Olipping 44%)	LTE-TDO	6.96	+9.8
0655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Olipping 44%)	LTE-TDD	7.25	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Terest	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
0661	AAB	Pulse Waveform (200Hz, 60%)	Tiret	2.22	19.6
0662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
0670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10871	AAC	IEEE 802,11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
19672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
0673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.8
0674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8,74	±9.6
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
0676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0677	AAC	IEEE 802,11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
0678	AAC	IEEE 802 11sx (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
0679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802,11as (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802,11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9,6
10682	AAC	IEEE 802,11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±0.4
10683	AAC	IEEE 902.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.8
10684	AAC	IEEE 802,11ax (20 MHz, MCS1, 98pc duty cycle)	WLAN	8.26	±9.6
0685	AAC	IEEE 802.11an (20 MHz, MCS2, 99pc duty cycle)	WLAN	5.33	±9.6
		IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	

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10/687	AAC:	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	(EEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
0689	AAC	IEEE 802.11ax (20 MHz, MOS6, 99pc duty cycle)	WLAN	8.55	+9.6
0690	AAC	IEEE 802.11ax (20 MHz, MOS7, 90pc duty cycle)	WLAN	8.29	±9,6
0691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
0692	AAC.	IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)	WLAN	6.29	±9.8
0693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±5.6
0894	AAC	IEEE 802.11ex (20 MHz, MC511, 99pc duty cycle)	WLAN	8.57	±9.6
0695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.8
0666	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±6.6
0697	AAC	HEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.81	±9.6
0698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
0699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
0700	AAC	IEEE 802,11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.73	±9.6
0701	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.86	±9.6
0702	AAC	IEEE 802 11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0.703	AAC	IEEE 802.11 ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
0705	AAC	IEEE 802 11 ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
0707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 95pc duty cycle)	WLAN	8.55	±9.8
0709	AAG	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802 11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9,6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8,39	±9:6
10712	AAC	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.33	+9.6
0.714	AAG	IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0716	AAG	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
0717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8,48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802:11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	19.6
0720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802,11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	19.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11 sx (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	19.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	#8.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11 ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	#9.6
10729	AAC	IEEE 802 11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±8.6
10730	AAC	IEEE 802.11 ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 96pc duty cycle)	WLAN	8.46	#9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	#9.6
10735	AAC	IEEE 802 11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	#9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9,6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.8
0740	AAG	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	#9.6
0741	AAC	IEEE B02.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	+9.6
0744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	0.16	±9.6
0745	AAC	IEEE 802.11ax (168 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
0746	AAC	IEEE 802 11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.5
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MC56, 90pc duty cycle)	WLAN	8.90	+9.6
10750	AAC	IEEE 802:11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
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10.753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9,6
10754	AAC	IEEE 802,11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11as (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.5
10.756	AAC	IEEE 802 11ax (160 MHz, MCS1, 98pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9:8
10759	AAC	IEEE 802.11ax (160 MHz; MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10790	AAC	IEEE B02.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	REEE 802 11ax (168 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	+9:6
10762	AAC	IEEE 802.11ax (180 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	#9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802 11as (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802 11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	fl.54	+9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, lifeps duty cycle)	WLAN	8.51	+9.6
0767	AAE	5G NR (CP-OFDM, 1 RB, SMHz, CPSK, 15kHz)	50 NR FR1 TDD	7.99	+9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, GPSK, 15 kHz)	SG NR FR1 TDD	8.01	19.6
10789	AAD	50 NR (CP-OFDM, 1 RB, 15MHz, CPSK, 15kHz)	5G NR FRI TDD	H.01	+9.6
0770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, OPSK, 15 kHz)	5G NR FR1 TDD		
0771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, CPSK, 15 KHz)		0.02	±9.6
0772	AAD		SG NR FR1 TDD	8.02	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, CPSK, 15 kHz)	SG NR FR1 TDD	8.23	19.8
0773		5G NR (CP-OFDM, 1 RB, 40 MHz, CPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
0774	AAD	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0775	AAD	50. NR (CP-OFOM, 50% RB, 5 MHz, QPSK, 16 kHz)	5G NR FR1 TDD	8.31	19.6
0776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
0778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	H.34	±9.6
0779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
0780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.36	±9.6
0781	AAD	5G NR (CP-OFOM, 50% RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.38	±9.6
0782	AAD	5G NR (CP-GF0M, 50% RB, 50 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
0783	AAE	5G NR (CP-OFOM, 100% RB, 5 MHz, GPSK, 15 kHz)	SG NR FR1 TDD	8.31	±9.8
0784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
0785	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.40	+9.6
0786	AAD	50 NR (CP-OFOM, 100% RB, 23 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
0787	CAA	5G NR (CP-CFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI TDD	B.44	19.8
0788	AAD	5G NR (CP-OFOM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
0788	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
0790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	SG NR FRI TDD	8.39	+9.6
0.791	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 39kHz)	5G NR FR1 TD0	7.83	+9.6
0792	AAD	5G NR (CP-OFOM, 1 RB, 10 MHz, OPSK, 30 kHz)	SG NR FR1 TDD	7.92	±9.6
0793	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 36kHz)	5G NR FR1 TDD	7.95	19.6
0794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, CPSK, 30 kHz)	50 NR FR1 TDD	7.82	±9.6
0795	AAD	5G NR (CP-OFOM, 1 RB, 25 MHz, OPSK, 30 kHz)	SG NR FRI TDD	7.84	19.6
0796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	19.6
0797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8,01	
0798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
0799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, OPSK, 30 kHz)	5G NR FRI TDD	7.93	_
0801	AAD	50 NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FRI TDD	10000	±9.6
0802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)		7,89	±9.6
0803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 MHz)	50 NR FR1 TDD		±9.6
0805	AAD	50 NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.93	±9.6
0806	AAD	5G NR (CP-CFOM, 50% RB, 15 MHz, CPSK, 30 KHz)	5G NR FR1 TDD	8.34	19.6
0809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz; QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
	AAD		5G NR FRI TDD	8.34	±9:6
0810	and the latest and th	5G NR (CP-OFDM, 50% RB, 40 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0812	AAE	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
		5G NR (CP-OFDM, 100% RB, 5 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.35	19.6
0818	AAD	5G NR (CP-QFDM, 100% RB, 10MHz, QPSK, 304Hz)	5G NR FR1 TDD	8.34	±9:6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.33	±9.6
0B20	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	50 NR FRI TDD	5.30	±9.6
0821	DAA	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	50 NR FR1 TDD	8.41	±9.6
0955	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30MHz)	5G NR FR1 TDD	8.41	±9.6
0823	AAD	50 NR (CP-OFDM, 100% AB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
0824	CAA	SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	50 NR FR1 TDD	8.39	+9.6
0.625	AAD	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	5G NR FRI TDD	8.41	±9.6
0B27	CIAA	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	5G NR FRI TOD	8.42	+9.6
	AAD	5G NR (CP-OFDM, 100% RB, 90MHz, CIPSK, 30kHz)	5G NR FR1 TDD	8.43	#9.6

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0829	AAD	5G NR (CP-OFDM, 100%-RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.40	±9.6
0830	AAD	50 NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7,63	±9.6
0831	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 60kHz)	SG NR FR1 TDD	7.73	±9.6
0832	AAD	5G NR (CP-OFDM, 1 RB, 29 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,74	±9.6
0833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.70	±9:8
0834	AAD	SG NR (CP-CFDM, 1 RB, 30 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	7.75	19.6
0835	AAD	5G NR (CP-OFOM, 1 R8, 40 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	7,70	±9.6
0836	AAD	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,66	±9.6
9837	AAD	5G NR (CP-OFOM, 1 RB, 60MHz, QPSK, 60kHz)	5G NR FR1 TDD	7,68	±9.6
0839	CIAA	SG NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	SG NR FH1 TDD	7.70	19.6
0840	AAD	5G NR (CP-OFOM, 1 RB, 90MHz, QPSK, 60kHz)	5G NR FR1 TDD	7,67	±5.6
0841	AAD	5G NR (CP-OFOM, 1 RB, 100 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.71	±9.6
0843	AAD	5G NR (CP-OFDM, 55% RB, 15 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.49	19.6
0844	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, CPSK, 60kHz)	SG NR FR1 TDD	8.34	+9.6
0846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, GPSK, 60 kHz)	50 NR FR1 TDD	0.41	±9.6
8854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.34	±9.6
0855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60 kHz)	5G NR FR1 TDD	H.36	+9.6
0856	CAA	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8.37	±9.6
0.057	CAA	5G NR (CP-OFDM, 100% RB, 25 MHz, GPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
0888	CAA	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK; 60 kHz)	5G NR FR1 TDD	8.36	±9.6
0859	AAO	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0880	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 80 KHz)	5G NR FR1 TD0	8.41	±9.6
0861	DAA	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	SG NR FR: TDD	8.40	±9.6
0.003	1,15,000	5G NR (CP-OFDM, 190% RB, 80 MHz, GPSK, 60 kHz)	5G NR FR1 TOD	8,41	±9.6
0884	AAO	5G NR (CP-OFDM, 100% RB, 90 MHz, GPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0885	CAA	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0866	117 11 100	5G NR (DET-p-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5,68	19.6
0888	AAD	5G NR (DFT-e-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	SG NR FR1 TDD	5,89	±9.6
0869	AAE	5G NR (DFT+-GFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
-	AAE	5G NR (DFT+-OFDM, 100% R9, 100MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5,86	±9.6
0871	AAE	SG NR (DFT-I-OFDM, 1 RB, 100 MHz; 10QAM, 120 kHz)	SG NR FR2 TDD	5.75	±9.6
0873	AAE	5G NR (DFTs-OFDM, 100% RB, 100MHz, 19QAM, 120kHz)	5G NR FR2 TDD	6.52	19.6
B874	AAE	5G NR (DFT-e-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR (DFT-e-OFDM, 100%-RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	0.61	+9.6
0875	AAE	SG NR (CP-OFDM, 189, 100 MHz, DPSK, 120 kHz)	SG NR FR2 TDD	6,85	±9.6
0876	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120MHz)	5G NR FR2 TDD	7.78	±9.8
0877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 MHz)	SG NR FR2 TDD	8.39	±9.6
0878	AAE	5G NR (CP-OFOM, 100% RB, 100 MHz, 18QAM, 120 kHz)	SG NR FR2 TDD	7.05	±9.6
B879	AAE	SG NR (CP-OFOM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	8:41	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 MHz)		0.12	+9.6
0881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	0.38	±9.6
0682	AAE	5G NR (DFT+-OFDM, 180% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.75	±9.6
0883	AAE	5G NR (DFT+ OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	5,98	±9.6
0884	AAE	5G NR (DFT+-OFDM, 100% RB, 50MHz, 16QAM, 120NHz)	SG NR FR2 TDD	6.57	±9.6
0885	AAE	5G NR (DFT+-OFDM, 1 RB, 50 MHz, 64QAM, 120 HHz)	5G NR FR2 TDD		±9.6
0886	AAE	5G NR (DFT:s-OFDM, 100% RB, 50MHz, 64QAM, 120KHz)		6.61	±9.6
0887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65 7.78	+9.6
0888	AAE	5G NR (CP-OFOM, 100% RB, 50 MHz, QPSK, 120 HHz)	50 NR FR2 TDD	8.35	±9.6
0889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	SG NR FR2 TDD	8.00	±9.6
0890	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120MHz)	5G NR FR2 TDD	8.40	±9.6
0881	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		±9.6
0892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)		8.13	19.6
0897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR2 TDD 5G NR FR1 TDD	8.41 5.66	±9.6
0898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	50 NR FR1 TD0		±9.8
0899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.67	±9.6
0900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 308Hz)	5G NR FRI TDO	5.68	±9.6
9901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	#9.6
0902	AAB	5G NR (DFT+s-OFDM, 1 RB, 30 MHz, OPSK, 30 NHz)	5G NR FR! TDO	5.68	±9.6
2903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 100	5.68	
0904	AAB	5G NR (DFT-s-OFOM, 1 RB, 50 MHz, QPSX, 30 kHz)	550000000000000000000000000000000000000	10000	#9.6
77.074	AAB	5G NR (DFT-s-OFOM, 1 R8, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	The Control of the Co	5.68	±9.6
	1100	The state of the s	5G NR FR1 T00 5G NR FR1 T00	5.68	#9.6 #9.6
0905	0.46				
0906	AAC	5G NR (DFT-s-OFDM, 50% RB, SMHz, QPSK, 30kHz) 5G NR (DFT-s-OFDM, 50% RB, UNMH-, QPSK, 30kHz)			
0906	AAB AAB	SG NR (DFTs-OFDM, 50% RB, 16 MHz, GPSK, 30 KHz) SG NR (DFTs-OFDM, 50% RB, 15 MHz, GPSK, 30 KHz)	5G NR FRI TOD SG NR FRI TOD	5.93	±9.6

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LND	Rev.	Communication System Name	Group	PAR (dB)	Unc <sup>®</sup> k =
10911	AAB	5G NR (DFT-e-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.90	±8,6
0912	AAB	5G NR (DFT-s-OFDM, 50% R8, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0913	AAB	5G NR (DFT-6-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19,6
0.014	AAB	50 NR (DFT-e-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.85	±9.6
0915	AAB	5G NR (DFT-e-CFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.83	±9.6
0916	AAB	5G NR (OFT-s-OFOM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
0917	BAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TD0	5.94	±9.6
0918	AAC	5G NR (DFT+s-OFDM, 100% RB, 8MHz, QPSK, 30kHz)	53 NR FR1 TDD	5.88	±9.6
0919	AAB	5G NR (DFT-s-DFDM, 100% RB, 10 MHz, QPSK, 36 kHz)	5G NR FR1 TDD	5.86	±9,6
0880	AAB	5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
0.921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0.022	AAB	5G NR (DFT-e-OFDM, 100% RB, 25MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
0923	AAB	5G NR (DFT-s OFDM, 100% RB, 38 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0924	AAB	5G NR (DFT-s-OFDM, 100% RB, 48 MHz, QPSK, 36 kHz)	58 NR FR1 TDD	5.84	±9.6
0925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	19.6
0826	AAB	5G NR (DFT:a-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.54	±9.6
5927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	+9.6
9886	AAC	5G NR (DFT-e-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
0929	AAC	5G.NR (DFT:s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,52	±9.6
0830	AAC	5G NR (DFTs; OFDM, 1 RB, 15MHz, QPSK, 15kHz)	50 NR FR1 FDD	5.52	±9.6
0931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QFSK, 15kHz)	SG NR FR1 FDD	5.51	±9.6
0992	AAC	5G NR (DFT-e-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
0933	AAC	5G NR (DFT=-OFDM, 1 RB, 30 MHz, QPSK, 15kHz)	SG NR FR1 FDD	5,51	+9.6
0934	AAC	SG NR (DFT:s:OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	±9.6
0935	AAD	5G NR (DFT+-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
0936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5,90	±9.6
0937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 15kHz)	50 NR FR1 FDD	5,77	±9.6
9880	AAC	5G NR (DFT-e-OFDM, 50% R8, 15MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.90	±9.6
9939	AAC	SG NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	SG NR FR1 FD0	5.82	±9.6
0940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.89	±9.6
0941	AAC	5G.NR (DFT-a-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.83	±9.6
0942	AAC	SG NR (DFT-a-OFDM, S0% RB, 40MHz, QPSK, 15kHz)	50 NR FR1 FDD	5.85	±9.6
0943	AAD	5G NR (DFT-e-OFDM, 50% RB, 50MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.95	±9.6
0944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±9.6
0945	AAC	5G NR (DFTs-OFDM, 180% RB, 10MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.00	±9.6
0946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.83	±9.6
0947	AAC	5G NR (DFT-a-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	+9.8
8948	AAC	5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15AHz)	5G NR FR1 FDD	5.94	±9.6
0949	AAC	SG NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±9.6
0960	AAC	5G NR (DFT-4-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.6
0951	AAD	5G NR (DFT-s-OFDM, 199% RB, 50MHz, QPSK, 15MHz)	5G NR FR1 FDD	5.92	±9.8
0952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 18 kHz)	5G NR FR1 FDD	8.25	±9.6
0953	AAA	SG NR DL (CP-DFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.15	±9.6
0954	AAA.	5G NR OL (CP-OFOM, TM 3.1, 15 MHz, 64-GAM, 15 kHz)	5G NR FR1 FDD	8,23	±9.6
0955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	SG NR FR1 FD0	8.42	±9.6
0956	AAA.	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
0957	AAA	50 NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
2958	AAA	SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.61	±9.6
1958	AAA	SG NR DL (CP-OFEM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.33	±9.6
0960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz)	5G NR FR1 TD0	9.32	±9.6
1961	BAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	SG NR FR1 TD0	9.36	±9.6
0962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 84-QAM, 15KHz)	5G NR FR1 TDD	9.40	±9.6
0063	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
1064	AAC	SG NR DL (CP-OFDM, TM 3.1, SMHz, 64-QAM, 30 kHz)	SG NR FR: TDD	9.29	±9.6
1965	BAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TD0	9.37	±9.6
1966	BAA	5G NR DL (CP-QFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	SG NR FR1 TDD	9.55	±9.6
0967	AAB	SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
0968	AAB	5G NR DL (CP-OFDM, TM 3.1, 106 MHz, 54-QAM, 30 kHz)	SG NR FR1 TDD	9.49	+9.6
0972	AAB	5G NR (CP-OFOM, 1 RB, 20MHz, QPSK, 15kHz)	SQ NR FR1 TDD	11,59	±9.6
0973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	9.08	+9.6
0974	AAB	5G NR (CP-OFOM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	50 NR FR1 TDD	10,28	±9.6
0978	AAA	ULLA BDR	ULLA	1.18	±9.6
3979	AAA	ULLA HDR4	ULLA	8.58	±9.6
0980	AAA	ULLA HDRB	ULLA	10.32	±9.6
	AAA	ULLA HDRp4	ULLA	3.19	±9.6
0981	AAA	ULLA HDRp8	ULLA	3.43	

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LHD	Bev	Communication System Name	Group	PAR (dB)	UncE k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	SG NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64 QAM, 15kHz)	SG NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	SG NA FR1 TDD	9.54	±9.6
10986	AAA	50 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)	SG NR FR1 TDD	9.53	±9.8
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 78 MHz, 64-QAM, 36 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
11083	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	10.24	19.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 54-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM:3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	0.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 84-QAM, 30kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.88	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 98pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802,11be (320 MHz, MOS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA.	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA.	EEE 802.11be (320 MHz, MCS5, 99pc duty, cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802 11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±8.0
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9,6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802 11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	+9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9:6
11023	AAA	IEEE 802,11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802 11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9:6

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

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