

Appendix D. – Probe Calibration Data

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Calibration Laboratory of Schmid & Partner

Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
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Accreditation No.: SCS 0108

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Multilateral Agreement for the recognition of calibration certificates

Client

HCT

Gyeonggi-do, Republic of Kores

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 resize 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: 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. DAE4-860_Mar23)	Mar-24
Reference Probe ES30V2	SN: 3013	06-Jan-23 (No. E83-3013 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 9648C	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 Jeffrey Katzman Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: June 21, 2023

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

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Glossary

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

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

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

normal to probe axis

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

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- 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 \(\theta = 0\) (f \(\sigma 900\) 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(I)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 tlat 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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Parameters of Probe: EX3DV4 - SN:7732

Basic Calibration Parameters

- 22	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) ^A	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		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E 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	0393,2910	147.7	1000000000	
		- 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%	±9.6%
	SO BOSIO ES DOMOCOURS A CONCE	Y	1.48	60,41	6.03	1.0000000000000000000000000000000000000	60.0	Disposition (11752333
		Z	1.67	61.48	7.00		60.0	il.	
10353	Pulse Waveform (200Hz, 20%)	X	0.77	60.00	4.87	6.99	80.0	±2.0%	±9.6%
		Y	18.00	74.00	9.00	renxe n	80.0		
	A STANK AND A SOUR SHOWS THE STANK AND A S	2	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%	±9.6%
	TO A CONTROL OF THE PARTY MANAGEMENT AND A CONTROL OF THE PARTY OF THE	Y	0.03	134.51	0.23	120720	95.0		
	LONG CONTROL OF TAXABLE VALUE OF TAXABLE PARTY.	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%	±9.6%
		Y	2.86	158.73	15.57		120.0		
	AND THE PROPERTY OF THE PROPER	2	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%	±9.6%
		Y	0.59	65.52	13.44		150.0		
	300000000	Z	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%	±9.6%
		Y	1.41	66.99	14.55		150.0	1225	2000
		Z	1,19	65.14	13.19		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.58	63.50	15.60	3.01	150.0	±1.4%	±9.6%
		Y	1.66	64.75	17.15		150.0	27 EV. VII.	
		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%	±9.6%
		Y	2,85	66.53	15.36	2337	150.0	0.0000	17.000077
		Z	2.68	65.86	14.84		150.0	9	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.79	66.09	15.33	0.00	150.0	±4.5%	±9.6%
	The state of the s	Y	3.98	66.76	15.78	37755	150.0	Particular.	C. 1972
		Z	3.80	66.26	15.38		150.0	3	

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 E²-field uncertainty inside TSL (see Pages 5 and 6).

8 Linearization parameter uncertainty for maximum specified field strength.

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



June 20, 2023

Parameters of Probe: EX3DV4 - SN:7732

Sensor Model Parameters

	C1 fF	C2 1F	Λ ₋₁	T1 ms V ⁻²	T2 msV ⁻¹	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:	9mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	t 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 Scar joi

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Parameters of Probe: EX3DV4 - SN:7732

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (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	±12.0%
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	B.11	0.20	0.90	±12.0%
3300	38.2	2,71	7.58	7.58	7.58	0.30	1,35	±14,0%
3500	37.9	2.91	7.54	7.54	7.54	0.30	1.35	±14.0%
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	±14.0%
4950	36.3	4.40	6.35	6.35	6.35	0.40	1.80	±14.0%
5250	35.9	4.71	5.87	5.87	5.87	0.40	1.80	±14.0%
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	±14.0%
5800	35.3	5.27	5.24	5.24	5.24	0:40	1.80	±14.0%

Enguency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), ease it is restricted to ±50 MHz. The uncertainty is the RSS of the Cown* uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for Corn* assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of Corn* assessed at 6 MHz is 4-9 MHz, and Corn* assessed at 13 MHz is 9-19 MHz, above 5 GHz frequency validity can be extended to ±110 MHz.

The process are calibrated using fissues simulating liquids (TSL) that deviate for c and 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 3 - 6 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 frequencies below 3 GHz and below ±2% for frequencies between 3-6 GHz at any distance larger than half the probe tip dismeter from the boundary.



June 20, 2023

Parameters of Probe: EX3DV4 - SN:7732

Calibration Parameter Determined in Head Tissue Simulating Media

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

C 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 trequency and the uncertainty for the indicated frequency band.

The probes are calibrated using flasue simulating liquids (TSL) that deviate for a 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%.

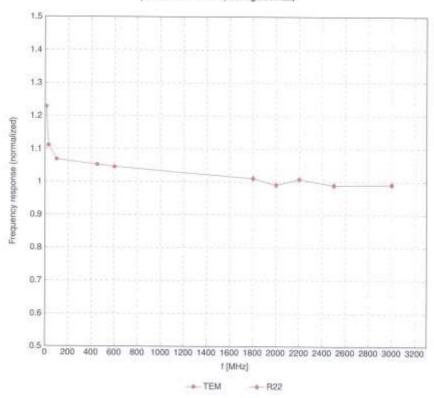
Alpha/Depth are determined cluring calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less. than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 5–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger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



June 20, 2023

Frequency Response of E-Field

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



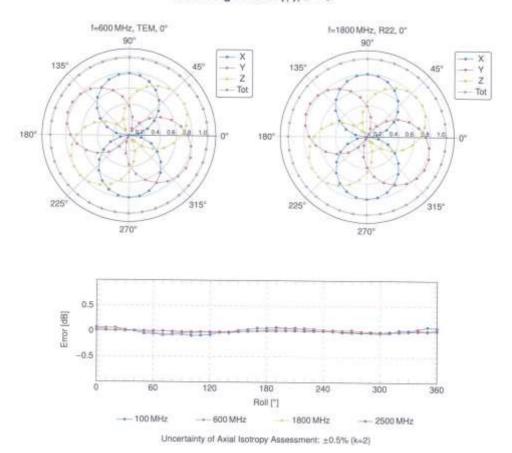
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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



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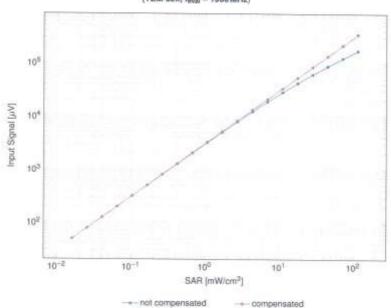
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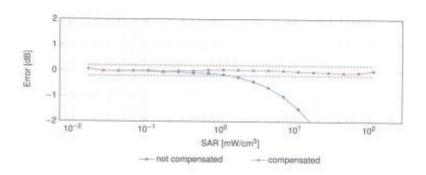


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Dynamic Range f(SAR_{head})

(TEM cell, feval = 1900 MHz)





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

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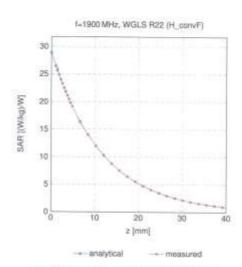
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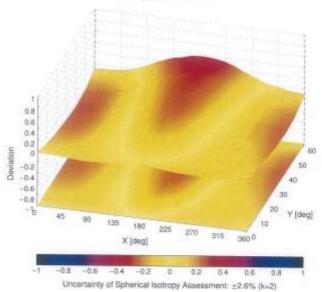
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Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ) , f = 900 MHz



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Appendix: Modulation Calibration Parameters

uio	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
	-	E-C-Communication to the contract of the contr	CW	0.00	±4.7
0010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
0011	CAC	UMTS-FDD (WCDMA)	WCDMA.	2.91	±9.6
0012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	19.6
10013	CAS	IEEE 802 (1g WIFI 2.4 GHz (DSSS-OFOM, 8 Mbps)	WLAN	9.45	±9.6
10021	DAC	GSM-F00 (TDMA, GMSK)	GSM	9.39	+9.6
10023	DWC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	+9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9:6
10025	DAC	EDGE-FDD (TDMA, BPSK, TN 0)	GSM	12.82	±8.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	+9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, BPSK, TN 0-1-2)	GSM	7.78	±0.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Burtooth	5.30	#9.6
10031	CAA	IEEE 802,15.1 Bluetooth (GFSK, DH0)	Bluerooth	1.87	+9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bustooth	1.16	19.6
10033	CAA	IEEE 802.15.1 Bloetooth (Pt/4-DQPSK, DH1)	Bluetooth	7.74	19.6
10034	CAA	IEEE 802,15.1 Bluetooth (PV4-DQPSK, DH3)	Bluetooth	4.53	19.6
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DHS)	Blustooth	3.83	19.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	+9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetoath	4.77	19.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DHS)	Bluetooth	4.10	19.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	19.6
10042	CAB	18-54 / IS-138 FDD (TDMA/FDM, PV4-DQPSK, Hatrata)	AMPS	7.78	
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDO, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.8
10049	CAA	DECT (TDO, TOMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10858	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	
10059	CAB	IEEE 800.116 WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10080	CAB	IEEE 802.11b WFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	(EEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	-	±9.6
10063	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	19.6
10064	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 12 Mbps)	WLAN		±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.09	±9.6
10066	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 24 Mbps)	WLAN		±9.6
10067	CAD	IEEE 802 11 a/n WFI 5 GHz (OFDM, 36 Mbps)	WLAN	9.38	±9.6
10068	CAD	IEEE 802 11 Mh WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.12	±9.6
10069	CAD	IEEE 802.11ah WFi 5 GHz (OFDM, 54 Mbps)	100000000000000000000000000000000000000	10.24	±9.8.
10071	CAB	IEEE 802,11g WIFI 2.4 GHz (DSSS/QFDM, 9 Mbps)	WLAN	10.55	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.63	±8.8
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.62	±9.8
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)		9.94	±9.6
10075	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.30	±9.6
10076	CAB	IEEE 802 11g WIFI 2.4 GHz (DSSS/OFDM, 46 Mbps)	WLAN	10.77	±9.6
10077	CAB	IEEE 802,11g WIFI 2 4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	10,94	±9.0
10:081	CAB	COMA2000 (1xRTT, RC3)	WLAN	11.00	±9.6
10082	CAB	IS-54 / IS-136 FOO (TDMA/FDM, PU4-DQPSK, Fulkale)	CDMA2000	3.97	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	AMPS:	4.77	19.6
0097	CAC	UMTS-FDD (HSDPA)	GSM	6.56	±9.6
10098	CAC	UMTS-FDD (HSUFA, Subtest 2)	WCDMA	3.98	±9.0
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	WCDMA	3.98	±9.6
01:00	CAF	LTE-FDD (SC-FDMA, 100%, RB, 20MH+; CIPSK)	GSM	9.55	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	5.67	70.0
10102	CAF		LTE-FDD	6.42	±9.6
0103	CAH	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-GAM)	LTE-FDD	6.90	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK)	LTE-TOD	9.29	±9:6
0104	CAH	LTE-TDD (SC-F0MA, 100% RB, 20MHz, 18-QAM)	LTE-TOD	9.97	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TOO	10.01	±9.6
and the later of t		LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDO	5.80	±9.6
0108				2.00	25,000
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FOD	6.43	±9,8
0108				0.00	

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 1
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6,59	±9.6
10114	CAD	LTE-FDD (BC-FDMA, 100% RB, 5MHz, 84-QAM)	LTE-F00	6.62	±9,6
10115	CAO	IEEE 802,11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	+9.6
10116	CAE	EEE 802.11n (HT Greenfield, 81 Mbps, 18-QAM)	WLAN	8.48	±9.6
10117	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	#9.6
10118	CAD	IEEE 802 11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±8.6
10118	CAD	IEEE 802.11n (HT Mixed, St Mbps, 16-QAM)	WLAN	8.59	±9.6
10 140	CAF	IEEE 802 11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.13	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	0.49	#9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 84-QAW)	LTE-FDD	6.53	±9.0
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDD	5.73	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6,35	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FD0	6.65	±9.6
10148	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDO	5.76	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 54-QAM)	LTE-F00	6.41	±9.6
10149	CAF	LTE-FD0 (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.72	±9.6
10150	CAF	LTE-FDD (SC-FDMA: 50% RB, 20MHz; 64-QAM)	LTE-F00	6.42	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, CPSK)	CTE-FDD	8.80	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LZE-TDD	9.28	±9.6
10153	CAH	LTE-TDD (SC-FOMA, 50% RB, 20MHz, 64-QAM)	LITE-TOD	9.82	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, QPSK)	LTE-TOD	10.05	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 18-QAM)	LTE-F00	5,75	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, OPSK)	LTE-FD0	6.43	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 18-QAM)	LTE-FOD	5.79	±9,6
10.158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.49	1,9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	+9.6
10160	CAF	LTE-FDD (SC-FDMA, SO%, RB, 15 MHz, QPSK)	LTE-FDD	6.56	±9.8
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 18-QAM)	LTE-FDD	5.82	±9,8
10182	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-FDD	0.43	±9:6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-F00	6.58	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FOO	5.46	±9,6
10168	CAG	LTE-FDD (SC FDMA, 50% RB, 1 4 MHz, 64 QAM)	LTE-FDD	6,21	±9.8
10189	CAF	LTE-FDO (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FD0	6.79	39.0
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	5,73	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.52	±9.6
10172	CAH	LTE-TOO (SC-FOMA, 1 RB, 20 MHz, QPSK)	LTE-TOO	6.49	+9.6
10 173	CAH	LTE-TOD (SC-FOMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.21	±8.0
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TOD	9.48	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	UTE-FDD	5.72	±9.6
10175	DAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-FDD	6.52	±0.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, OPSK)	LYE-FDO	5.70	±9.6
0178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDO	6.52	±9.8
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDO	6.50	±9.6
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	19.6
10181	CAF:	LTE-FOO (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FD0	5.72	19.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM)	LTE-FDD	6.52	19.6
10183	AAE	LTE-FOO (SC-FOMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	19.6
0184	CAF	LTE-FOO (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FOD	5.73	±9.6
10 186	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FOO (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FOMA, 1 AB, 1.4MHz, GPSK)	LTE-FDD	5.73	19.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	6.52	±9.0
0189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 94-QAM)	LTE-FDD	6.50	19.6
0193	CAD	IEEE 802.11n (HT Groenfield, 6.5 Mbps, BPSK)	WLAN	8.09	19.6
0194	CAD	IEEE 802,11s (HT Greenfeld, 39 Mbps, 18 QAM)	WLAN	8.12	19.6
0.195	CAD	IEEE 802,11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.21	±9.6
	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, 8PSK)	WLAN	8.10	±9.6
	CAD	IEEE 802,11n (HT Mised, 39 Mbps, 16-QAM)	WLAN.	8.13	r9.6
	CAD.	IEEE 802,11n (HT Mixed, 65Mbps, 64-QAM)	WLAN	8.27	±9.6
	CAD	IEEE 882,11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN:	0.03	49.6
	CAD:	IEEE 802 11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	+9.6
	CAD:	(EEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	+9.6
	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	0.08	19.6
	CAD	IEEE 802.11n (HT Missel, 90 Mbps, 16-QAM)	WLAN	6.48	±9.6
0224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±8.0

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10:225	CAC	UMTS-FDD (HSPA ₀)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOO	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	49.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB.1.4MH), QPSK)	LTE-TDD	9.22	±9.8
CONTRACT DESCRIPTION AND ADDRESS OF THE PARTY OF THE PART	A Transfer	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 18-QAM)	LTE-TDD	9.48	±9.6
0230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	-CTE-TDD	9.19	+9.6
0232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.5
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TOD	9.21	±9.6
10235	1,711,101,101	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 15-QAM)	LTE-TOD	9.48	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	#9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOO	9,21	+9.6
10239	CAG	LTE-TDO (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.4E	±9.6
0240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64 GAM)	LTE-TOO	10.25	±9.8
0241	CAC	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TOO	9.21	±9.6
0242	CAC	LTE-TDD (SC-FDMA, 50% AB, 1.4 MHz, 16-QAM)	LIETOD	9.82	±9.6
0243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TOO	9.86	±9.6
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-TDD	9.46	±9.6
0245	CAE	LTE-TDD (SC-FDMA, 50%, RB, 3 MHz, 16-QAM)	LTE-TOD	10,05	#9.6
0246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-TDD	10.06	±9.6
0240	CAH	LTE-TDD (SC-FDMA, 50% AB, 3MHz, QPSK)	LTE-TDD	9.30	+9.6
0248	CAH	LTE-TDD (SC-FDMA, SDN, RB, 5MHz, 18-QAM)	LTE-TOD	9,91	±9.6
0249	CAH	LTE-TDD (SC-FDMA, 50% R8, 5MHz, 64-QAM)	LTE-TDD	10.09	±9.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TOD	9.29	±8.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-GAM)	LTE-TDD	9.81	±9.6
0252	DAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	10,17	19.6
0253	CAG	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDO	9.24	±9.8
0254	CAG	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
0255	CAB	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOO	10.14	±9.6
0256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1-4MHz, 18-QAM)	LTE-TOO	9.20	±9.6
0257	CAD	LTE-TOD (SC-FDMA, 100% RB, 1,4 MHz, 64-QAM)	LTE-TD0	9.96	19.6
0258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TOD	10.08	±9,6.
0259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 18-QAM)	LTE-TDO	9.34	±9.6
0260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-TOD	9,98	±9.6
0.261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TD0	9.97	±9.6
0262	CAH	LTE-TOD (SC-FDMA, 100% RB, 5MHz, 15-QAM)	LTE-TDD	9,24	19.6
0263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 84-QAM)	LTE-TOD	9.83	±9,6
0204	CAH	LTE-TDD (SC-FOMA, 100% RB, 5MHz, OPSK)	LTE-TDD	10.16	39.6
0265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 10-QAM)	LTE-TDD	9.23	±8.5
0266	CAH	LTE-TDD (SC-FOMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	9.92	±9.6
0267	CIAH	LTE-TOD (SC FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	10.07	±9.8
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TOD	9.30	±9.0
0289	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-T00	10.06	±9.8
0270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TDO	10.13	±9.6
0274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rai8.10)	LTE-TOO	9.58	±9.6
0275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Ret8.4)	WCDMA	4.87	±9.8
0277	CAA	PHS (QPSK)	WCDMA PHS	3,96	±9.8
0278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	13.81	±9.6
0279	CAA	PHS (QPSK, BW 884 MHz, Rollett 0.38)	5.71000	11.81	±9.6
0290	AAB	CDMA2000, RC1, SQ55, Full Rate	PHS	12.18	±9.6
0.291	AAB	GDMA2000, RC3, SO55, Full Rate	CDMA2000	3.91	±9.6
	AAB	CDMA2000, RC1, SO32, Full Rate	CDMA2000	3.46	±9.6
	AAB	CDMA2000, RC3, SQ3, Full Rate	CDMA2000 CDMA2000	3.39	±9.8
	AAB	CDMA2000, RC1, SQ3, 1/8th Rate 25 ft.	CDMA2000	3.50	3.9.6
0295	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LYE-FDD	12.49	±9.6
		LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.81	19.6
0297	AAE			5.72	±9.6
0297	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 18-DAM)			
0297 0298 0299	Of the land	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 18-QAM) LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FOG	6.39	
0297 0298 0299 0300	AAE	LTE-FDD (SG-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-F00	8.80	±9.6
0297 0298 0299 0300 0301	AAE AAE	LTE-F00 (SC-FDMA, 50% RB, 3 MHz, 64-QAM) IEEE 802:18e WMAX (29:18, 5ms, 10 MHz, QPSK, PUSC)	LTE-F00 WMAX	6.60 12.03	±9.6 ±9.6
0297 0298 0299 0300 0301 0302	AAE AAA	LTE-F00 (SC-FDMA, 50% RB, 3 MHz, 64-QAM) IEEE 802.184 WMAX (28:18, 5 ms, 10 MHz, QPSX, PUSC) IEEE 802.186 WMAX (28:18, 5 ms, 10 MHz, QPSX, PUSC, 3 CTRL symbols)	LTE-FDG WMAX WMAX	9.80 12.63 12.57	±9.6 ±9.6 ±9.6
0297 0298 0299 0300 0301 0302 0303	AAE AAE AAA AAA	LTE-FOO (SC-FDMA, 50% RB, 3 MHz, 64-QAM) EEEE 802.15e WMMAX (28:18, 5 ms, 10 MHz, QPSK, PUSC) EEEE 802.15e WMMAX (28:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) IEEE 802.16e WMMAX (21:15, 5 ms, 10 MHz, GPCAM, PUSC)	UTE-FDG WMAX WMAX WMAX	8.80 12.63 12.57 12.52	±9.6 ±9.6 ±9.6 ±9.0
0297 0298 0299 0300 0301 0302 0303 0304	AAE AAA AAA AAA	LTE-F00 (SC-FDMA, 50% RB, 3 MHz, 64-QAM) IEEE 802.184 WMAX (28:18, 5 ms, 10 MHz, QPSX, PUSC) IEEE 802.186 WMAX (28:18, 5 ms, 10 MHz, QPSX, PUSC, 3 CTRL symbols)	LTE-FDG WMAX WMAX	9.80 12.63 12.57	±9.6 ±9.6 ±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Ung 0 $k=2$
10307	AAA	EEE 802:16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	£9.6
10308	AAA	IEEE 802.16e WIMAX (29.18, 10 ms, 10 MHz, 16 QAM, PUSC)	WMAX	14.46	19.5
10309	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz. 16QAM, AMC 2x3, 18 symbols)	WMAX	14.58	19.6
10310	AAA	IEEE 802 16e WMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	19.6
10311	AAE	LTE-FDD (SC-FDMA, 100%, RB, 15MHz, QPSK)	LTE-FDD	6.06	±9.6
10013	AAA	IDEN 1:3	IDEN	10.51	±9.6
10314	AAA	IDEN 1:6	IDEN	13.48	19.0
10315	AAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10216	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 95ps, duty cycle)	WLAN	8,36	19.6
10317	AAD	IEEE 802,11a WIFLS GHz (OFDM, 6 Mbps, 96pc duty cycle)	WEAN	8.36	19.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	gB.6
10355	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA.	Pulse Wavelorm (200Hz, 40%)	Generic	3.98	±8.6
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	GPSK Waveform, 10 MHz	Generic	5.22	
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802 11ac WIFI (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802 11ac Will (40 MHz, 64-QAM, 99pc duty cycle)	WLAN		±9.6
10402	AAE	IEEE 802 11ac WF (80 MHz, 64 QAM, 99pc duty cycle)	WLAN	8.60 8.53	±9.6
0403	AAB	COMA2000 (1xEV-DO, Rev. 0)	CDMA2000		±9.6
0404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.76	±9.6
0406	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate			±9.6
0410	AAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe 2,3.4.7.6,9, Subframe Cont-4)	CDMA2000	5.22	±9.6
0414	AAA	WLAN CCDF, 84-QAM, 40 MHz	LTE-TOO	7.82	±0.6
0415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	Generic	8.54	±9.6
0.416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
0417	AAG	IEEE 802.11ah WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±0.6
0418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	5.23	19.6
0419	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OF DM, 5Mbps, 98pc duty cycle, Short preambule)	WLAN	8.14	±9.6
0422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.19	±8.6
0423	AAC	IEEE 802.11n 047 Greenfield, 43.3 Mbps, 18-QAMI	WLAN	8.32	±8.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 84-CAM)	WLAN	8.47	±9.6
0.425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.40	±9.6
0426	AAC	EEE 802.11n (HT Greenfield, 90 Mbps, 16-DAM)	WLAN	8,41	±9.6
0427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 54-QAM)	WLAN	8.45	±9,8
0430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	WLAN	8,41	+9.6
0431	AAE	LTE-FOD (OFDMA, 10MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
0432	AAD	LTE-FDD (OFOMA, 15MHz, E-TM 3.1)	LTE-FDD	H.38	±9.6
0433	AAD	LTE-FOD (OFOMA, 20MHz, E-TM 3.1)	LTE-F00	8.34	±9.6
0434	AAB	W-CDMA (BS Tast Model 1, 64 DPCH)	LTE-FDD	8.34	#9.6
0435	AAG		WCDMA.	8,60	±9.6
0447	AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, OPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0448	AAE	LTE-FDD (OFDMA, SMHs, E-TM 3.1, Olipping 44%)	LTE-FDD	7,56	±9.6
0449	AAD	LTE-F00 (OFDMA, 10 MHz, E-TM 3.1, Olippin 44%)	LTE-FDD	7.53	±9.6
0450	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
0451	AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
		W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA:	7,59.	19.6
0453	AAC	Validation (Square, 10ms, 1ms)	Test	10,00	19.8
	100	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	+9.6
0457	AAB	UMTS-FDD (DC-HSDFA)	WCDMA	6.62	±9.6
0458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	GDMA2000	6.55	±9.6
0459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 damers)	GDW45000	8.25	±9.6
0460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
0481	AAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2.3.4,7,8,9)	LTE-TOO	7.82	±9.6
0462 0463	AAC	LTE-TDO (SC-FDMA, 1 RB, 1,4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,8)	LTE-TOD	8.30	±9.6
	AAC	LTE-TDO (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
	AAD	LTE-TDD (SC-FDMA, 1 R8, 3MHz, QPSK, UL Subframe+2.3.4,7,8,9)	LTE-TDD	7.82	19.6
0464		LTE-TDD (SC-FDMA, 1 R8, 3 MHz, 15-QAM, UL Subframe=2.3.4.7.8.9).	LTE-TDD	8.32	19.6
0464 0465	CAA				
0464 0465 0486	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-DAM, UL Subhane-2,3,4,7,8,9)	LTE-TDD	8.57	19.6
0464 0465 0466 0467	AAD	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57 7.82	±9.6
0464 0465 0466 0467 0468	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, GPSK, UL Subframe=2.3.4,78.9) LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2.3.4.78.9)		7,82	±9.6
0464 0465 0466 0467 0468 0469	AAO AAG AAG	LTE-TDD (SC-FDMA, 1 R8, 5MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 R8, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 R8, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7,82 8.32	+9.6 +9.6
0464 0465 0466 0467 0467 0468 0469 0470	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,82	±9.6

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10472		LTE-TDD (SC-FDMA, 1 R8, 10MHz, 64-QAM, UL Subframe=2.3,4,7.6,0)	LTE-TOO	8.57	+9.6
10473		LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframes 2.3.4.7.8.5)	LTE-TDD	7.82	±9.6
10474	A COLOR	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 18-QAM, UI, Suhtramp-2 3 4 7 H til	LTE-TOD	8.32	+9:6
10475		LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subtrame=2.3.4.7.8.9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subtrame=2,3,4.7,8.9)	LTE-TDD	0.32	±9:6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,8)	LTE-TOD	0.57	#8.8
10478	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subhame=2.3,4,7,8,9)	LTE-TDD	7.74	#9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subkame=2.3.4.7.8.9)	LTE-TDD	8.18	#9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subtrame=2.3.4,7.8.9)	LTE-TOO	8.45	19.6
10.482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subtrame=2.3.4,7.8.9)	LTE-TD0	7.71	19.6
10.483	AAD	LTE-TDD (SC-FDMA, S0% RB, 3MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.39	±9.6
10.484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subharre-2,3,4,7,8,9)	LTE-TDD	8.47	+9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.58	19.0
10486	AMS	LTE-TDD (SC-FDMA, 5D% RB, 5MHz, 16-QAM, UL Subtraine 2.3 4.7 8 RL	LTE-TDD	8.38	±9.6
10.487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subtrame+2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDO (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subtrame=2,3.4.7.8.9)	LTE-TDD	7.70	±9.6
10.489	AAG	LTE-TOO (SC FDMA, 50% R8, 10 MHz, 16 QAM, UL Subtrame=2,3,4.7,8,9)	LTE-TDD	8.31	+9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subtrama=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% R8, 15 MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subtrame+2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subtrame=2,3,4,7 (l.9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50%, RB, 20MHz, 64-QAM, UL Subtrame-2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAG	LTE-TDD (SC-FDMA, 100%, R8, 1.4 MHz, QPSK, LL Subframe, 2.3.4.7 8.8).	LTE-T00	7.67	±9.6
10488	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subhame-2.3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subtrame+2.3, 4.7.8.9)	LTE-TOD	8.68	19.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.67	+9.6
10501	AAD	LTE-TDD (SC-FDMA, 190% RB, 3MHz, 18-QAM, UL Subhame-2.3,4,7.8,9)	LTE-TDD:	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% R8, 3MHz, 64 QAM, UL Subframe+2,3,4,7,8,9)	LTE-TOD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 190% RB, 5MHz, GPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 18-GAM, UL Subframe-2.3,4.7,8,9)	LTE-TDD	8.31	±9.6
10905	AAG	LTE-TOD (SC-FDMA, 100% RB, SMHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subtrame-2.3,4,7,8,9)	LTE-TDD	7.74	±9.6
ment with the base of the base	AAG.	LTE-TOO (SC-FDMA, 100% RB, 10 MHz, 18-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.36	±9:8
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframes 2.3,4,7,6,9)	LTE-TOD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Sictrame-2.3.4.7,8,9)	LTE-TOD	7,99	±9.6
10510	AAF	LTE-TD0 (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subhame+2,3,4,7,8,9)	LTE-TOO	8.51	±0.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, OPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.74	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOO	8.42	±9.6
10515	AAA	LTE TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subtrame=2.3,4,7.8,9)	L7E-TOD	8.45	#9.6
10516	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10517	AAA	IEEE 802 11b WiFi 2 4 GHz (DSSS, 5.5 Mbps, 98pc duty cycle)	WLAN	1.57	±9.6
10518	AAC	IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10519	AAC	REE 802.11a/h WFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) REE 802.11a/h WFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10520	AAC	SEE 802 11sh WE S ON OFTEN UNMER 990 duty cycle)	WLAN	8.39	±9.6
10521	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 98pc duty cycle). IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 88pc duty cycle).	WLAN	8.12	±9:B
10522	AAC	IEEE 802.11a/n WIF 5 GHz (OFDM, 26 Mops, 98pc duty cycle)	WLAN	7.97	±9.6
10523	AAC	IEEE 802.11a/h WFI 5 SHz (OFDM, 48 Mops, 99pc duty cycle)	WLAN	8.45	±9.6
10524	AAC	IEEE 802.11a/n WiF1 5 GHz (OFDM, 54 Mbps, 89pc duty cycle)	WLAN	8.08	+9.6
10525	AAG	IEEE 802.11 an WiFi (20 MHz, MCSI), 99pc duty cycle)	WLAN	8.27	±9.8
0626	AAC	IEEE 802.11ac WFI (20MHz, MCS0, 98pc duty cycle)	WLAN	8.36	±9.6
0527	AAC	IEEE 802.11ac WFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	B.42	±9.0
0528	AAG	IEEE 002.11ac WiFI (20 MHz, MCS2, Sept duty cycle)	WLAN	8.21	±9.6
0529	AAC	EEE 802.11ac WFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
0531	AAG	EEE 802.11ac WFI (20 MHz, MCS6, 98pc duty cycle)	WLAN	8.36	±9.6
0532	AAC	EEE 802.11ac WFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.43	±8,6
0533	AAC	IEEE 802.11ac WF1 (20 MHz, MCS8, 89pc duty cycle)	WLAN	8.29	±9.0
0534	AAC.	IEEE 802,11ac WiF1 (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.38	±9.6
8535	AAC	IEEE 802.11ac WFI (40 MHz, MCS), 99pc duty cycle)	WLAN	8.45	±9.6
0536	AAC	IEEE 802.11ac WFI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
0537	AAC	IEEE 802,11ac WFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	8.66
0538	AAC	IEEE 802.11ac WFI (40 MHz, MCS4, 98pc duty cycle)	WLAN	8.44	±9.6
	130300	TOTAL COST TOTAL (SUPERIE), MICSE, SUSPE BUTY CYCLE)	WLAN	8.54	29.0
0540	AAC	IEEE 802.11ac WFI (40MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

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10541		IEEE 802.11ac WFL (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542		IEEE 802,11ac WIFI (40 MHz, MCS8; 99pc duty cycle)	WLAN	8.65	±9.6
10543		IEEE 802.11ac WFI (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.65	±9.6
10544	1 1 1 1 1 1	IEEE 802.11ac WiFi (89 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	+9.6
10546		IEEE 802 11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10547		IEEE 882.11ac WiFi (80MHz, MCS2, 99pc duty byole)	WLAN	8.35	±9.6
10548		IEEE 802,11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	0.49	±9.0
10560		IEEE 802 11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10951		IEEE 802 11ac WIF (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	196
10952		IEEE 802 11ac WFI (80 MHz, MCS7, 99pc duty cycle) IEEE 802 11ac WFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.50	+9.6
10553		IEEE 802.11ac WFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10554		IEEE 802.11ac WFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10555	the state of the s	IEEE 802.11ac WIFI (160 MHz, MCS1, 98pc duty cycle)	WLAN.	8.48	±5.8
10556		IEEE 802.11ac WiFi (160 MHz, MCS2, 98pc duty cycle)	WLAN	8.47	±9.6
10557		IEEE 802.11ac WiFi (190 MHz, MCS3, 99pc duty cycle)	WLAN	8.50	±9.6
10558		IEEE 802:11ac WiFi (160 MHz, MCS4, 88pc duty cycle)	WLAN	8.52	±9.8
10560		IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	0.61	±9.6
10561		IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.73	#9.6
10562	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.58	±9,6
10563	AAD	IEEE 802 11sc WIFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8,69	±9.6
10584	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 8 Mbps, 99pc duty cycle)	WLAN	8.77	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8,25	±9.6
10566	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10.568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty nuclei)	WLAN	8.00	19.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 45 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99nc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pp duty cycle)	WLAN	1.90	±9.6 ±9.6
10572	AAA	IEEE 802.11b WIFL 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DISSS, 5.5 Mbps, 80pc duty cycle)	WLAN	1,95	#9.6
10574		IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty ovcle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90cc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mops, 90pc duty cycle)	WLAN	8.49	±0.6
10579	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802,11g WIF 2,4 BHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10582	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10583	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.87	#9.6
10584	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10585	AAC	IEEE 802,11a/h WFI 5 GHz (OFDM, 9Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10586	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duly cycle)	WLAN	8.70	19.6
10587	AAC	IEEE 802 11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.8
10588	AAC	IEEE 802.11 uh WFI 5 GHz (OFDM, 24 Mgps, 90pc duty cycle) IEEE 802.11 uh WFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10589	AAG	IEEE 802 11 ah WIFI 5 GHz (OFDM, 48 Mbps, 50pc duty cycle)	WLAN	8.76	±9.6.
10590	AAC	IEEE 802 11 a/s WIF 5 GHz (CFOM, 54 Mbps, 50pc duty cycle)	WLAN	8.35	±9.6
10591	AAC	IEEE 802 11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.67	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.63	±9.6
10.593	AAC	IEEE 802,11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.79	±9.6
10.594	AAC	IEEE 802.11in (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.64	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	29.8
10596	AAC	IEEE 802,11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9.6
10597	AAC	IEEE 802.11n (HT Most), 20 MHz, MCS6, 90pc duty cycle/	WLAN	8.71	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pg duty cycle)	WLAN	8.50	19.6
10599	AAC	HEEE 802.11 ii (HT Mixed, 40 MHz, MCSD, 90pc duty cycle)	WLAN	8.79	19.6
10600	AAC	IEEE 802,11n (HT Mixed, 40 MHz, MCS1, 90pg duty pyctet	WLAN	8.88	±9.6
10601	AAC	IEEE 802,11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10803	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	29.6
10604	AAC	IEEE 802,11n (HT Mixed, 40 MHz, MGSS, 90pc duty cycle)	WLAN	8.76	19.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10666	AAC	IEEE 802.11n (HT Mored, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	19.6
10607	AAC	IEEE B02.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	19.6
10808	AAC.	IEEE 802 11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	19.6

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10609	AAC	IEEE 802.11ac WIFI (20MHz, MCS2, 80pc duty cycle)	W.AN	8.57	+9.6
10610	AAC	IEEE 802 11ac WIF (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	19.6
10611	AAC	IEEE 802,11ac WIFI (20 MHz, MCS4, 90cc 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, MCS8, 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
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCSB, 90pc duty cycle)	WLAN	8.82	+9.6
10616	AAC	IEEE 802.11ac-WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	
10617	AAC	IEEE 802.11ac WiFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	100000	±9.6
10618	AAC	IEEE 802,11ac WiF1 (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.58	126
10620	AAC	IEEE BOZ 11ac WIFI (40 MHz, MCS4, 90pc duty cycle)		8.86	+9.6
10821	AAC	IEEE 902.11ac WF1 (40 MHz, MCS5, B0pc duty cycle)	WLAN	8.87	±9.6
10622	AAC	IEEE 802.11ac WFI (40 MHz, MCS6, 90pc duly cycle)	WLAN	8.77	±9.6
10623	AACI	IEEE 802 11ac WFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.68	±9.6
10624	AAG	IEEE 802 11sc WIF1 (40 MHz, MCS8, 90pc duty cycle)	WLAN	6.82	±9.8
10825	AAC	IEEE 870 11 as WEE (40 MHz MCDD, 90cc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11 to WIF (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6-
10627	AAC	IEEE 802 11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
		IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10828	AAC	IEEE 802.11ac WFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8,71	±9.6
10.659	AAC	IEEE 802.11ac WiFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	+9.6
10630	AAC	IEEE 802 11sc WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	+9.6
10631	AAG	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802,11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	19.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	19.6
10635	AAC:	IEEE 802,11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	19.6
10636	AAD	IEEE 802,11ac WIFI (160 MHz, MCSO, 90cc duty cycle)	WLAN	8.83	
0837	DAA	IEEE 802.11ac Will (160 MHz, MCS1, 90pc duty cycle)	W.AN	8.79	±9.6
0.638	AAD	IEEE 802.11ac WFr (160 MHz, MCS2, 90pc duty cycle)	WLAN		±9.6
10839	AAD	IEEE 802.11ac WFT (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
0840	AAD	IEEE 802,11no WIFI (160 MHz, MCS4, 90pc duty cycle)	The state of the s	8.85	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.98	±9.6
0642	AAD	IEEE 802 11ac WFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9:08	±9.6
0843	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	9,06	±9.6
0644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 9Gpc duty cycle)	WLAN	8.89	29.6
0645	AAD	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.05	±B.6
0646	AAH	TE TOD OC FORM A DR. SAME CODES AS OF THE	WLAN	9.11	±9.6
0647	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subhane=2,7)	LTE-700	11.96	±9.6
0648	AAA	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UI, Subframe=2,7)	LTE-TD0	11.96	19.6
0652	AAF	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
	100000	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDO	6.91	19.6
0653	AAF	LTE-TDD (OFDMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	±9,6
0684	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.96	±9.6
0655	AAF	LTE-TDD (OFDMA, 20MHz, E-TM 3.1, Olipping 44%)	LTE-TDG	7.21	±9.6
0658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
0659	AAB	Pulse Waveform (200Hz, 20%)	Test	8.99	±9.6
0680	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±8.6
0861	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
0.662	AAB	Pulso Wavetorm (200Hz, 80%)	Test	0.87	±9.6
0670	AAA	Bluetooth Low Energy	Blumboth	2.19	19.6
0671	AAG	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.09	:9.6
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		±9.6
8674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
0675	AAC	ÆEE 802,11ax (20MHz, MCS4, 90pc duty cycle)		8.74	±9.6
0676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
0677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.77	±9.6
0878	AAC	IEEE 802.11 ax (20 MHz, MC57, 90pc duty cycle)	WLAN	8.73	±9.6
	AAC	IEEE 802.11ax (20 MHz. MCS8, 90pc duty cycle)	WLAN	B.78	±9.6
1670	AAC	IEEE BOOLS In CONTRACT MODE, BUDG GLEY CYCLE)	WLAN	8.89	±9.6
1000000	PERSONAL PROPERTY.	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	28.8
0679 0680			WLAN	8.62	±9.6
1680	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	791,2979	9.06	
0680 0681 0682	AAC AAC	IEEE 802.11as (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
0680 0681 0682 0683	AAC AAC AAC	IEEE 802.11as (20 MHz, MCS11, 90pc duty cycle) IEEE 802.11as (20 MHz, MCS0, 99pc duty cycle)			
0-680 0-681 0-682 0-683 0-684	AAC AAC AAC AAC	IEEE 802 11as (20 MHz, MCS11, 90pc duty cycle) IEEE 802 11as (20 MHz, MCS0, 99pc duty cycle) IEEE 802 11as (20 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN	8.83	±9.6
0680 0681 0682 0683 0684 0685	AAC AAC AAC	IEEE 802.11as (20 MHz, MCS11, 90pc duty cycle) IEEE 802.11as (20 MHz, MCS0, 99pc duty cycle)	WLAN WLAN	8.83 8.42	±9.6

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UND	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10657	AAC	IEEE 802.11 ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAG	IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)	WLAN	8.55	±9.6
10680	AAC	IEEE 802.11 (xx (20 MHz, MCS7, 99pc duty syste)	WLAN	8.29	±9.6
10091	AAC	IEEE B02,11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10092	AAD	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE BOS.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	6.76	39.6
10898	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10887	AVC	IEEE 800.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, B0pc duty cycle)	WLAN	8.89	+9.6
10899	AAC	IEEE 802.11ax (40 MHz, MGS4, Wopd duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11nx (40 MHz, MCS7; 90pc duty cycle)	WLAN	8.70	19.6
10703	AAC	IEEE 802 11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAG	IEEE 802.11 ax (40 MHz. MCS9, 90pc duty cycle)	WLAN	8.56	19.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	£9.0
10707	AAC	IEEE 802.11ax (40 MHz, MCSB, 96pc duty cycle)	WLAN	8.32	19.8
10.708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAG	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	19.8
10710	AAC	IEEE B02.11ax (46 MHz, MCS3, 99pc duty cycle)	WLAN	6.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 90sc duty cycle)	WLAN	8.39	±9.6
0712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.87	
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
0714	AAC	IEEE 802,11ex (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	B.45	
0715	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	
10718	AAC	IEEE 802.11ax (40 MHz, MCB11, 99pc duty cycle)	WLAN	8.24	29.6
10719	AAC	IEEE 802.11 as (80 MHz, MGS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	+9.6
10721	AAC	IEEE B02.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.0
10722	AAC	IEEE 802,11ax (80MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.8
0723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	ÆEE 802 11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	1,000	19.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90 8.74	±9.6
0726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	2000
0727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
0728	AAC	IEEE 802.11ax (80 MHz, MCS9, Rope duty cycle)	WLAN	11.65	±9.6
0729	AAC	IEEE 802.11 ax (80 MHz, MCS18, 90pc duty cycle)	WLAN	8.64	
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN		19.6
6731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.67	±9.6
0732	AAC	IEEE 902.11ax (90 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±90.0
0733	AAC	IEEE 802 11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	19.6
0.734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.40	±9.6
0735	AAC-	IEEE 802 11ex (80 MHz, MCS4, 99pc duty cycle)	WLAN	100000	±9.8
0736	AAC	IEEE 802.11ax (80 MHr, MCS5, 99pc duty cycle)	WLAN	8.33	±8.6
0737	AAC	IEEE 802.11ax (80 MHz, MCS8, 99cc duty cycle)	WLAN	8.27	±9.0
0738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.36	±9.6
0739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	The state of the s	B.42	±9.0
0740	AAC	IEEE 802 11ax (80 MHz. MC59, 99pc duty cycle)	WLAN	8,29	±9.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	B.48	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8,40	±9.6
1743	AAC.	IEEE 802 11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.43	±9,6
0744	AAG	IEEE 002.11ax (150 MHz, MCS1, 90pc duty cycle)	WLAN	8.94	±9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.16	±9,6
0746	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	19.6
0747	AAC	EEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.11	+9.8
0748	AAC	IEEE 802.11ax (160 MHz, MCSS, 90pc duty cycle)	WLAN	8.04	±9.6
0740	AAC	IEEE 202 1 to 2100 Mars. MCCC. Door date out.	WEAN	8.93	#8.6
0750	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.90	±9.6
0751	AAC	IEEE 802 11ax (160 MHz, MCS7, Wope duty cycle)	WLAN	8.79	19.6
V 4 20 3		IEEE 802.11 px (180 MHz. MCS8, 90pc duty cycle) IEEE 802.11 px (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.82	±9.6
753	AAG		WLAN	18.8	±9.6

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10750	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
0754	AAC	IEEE 802:11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	19.6
0755	AAC	IEEE 802,11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	19.6
075e	AAC	IEEE 802,11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
0757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	B.77	±9.6
0.758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.89	±9.6
0758	AAC	IEEE 802,11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
0780	AAC	IEEE 802.11 ax (180 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
0.781	AAC	IEEE 802.11ax (180 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
0762	AAC	IEEE 802.11ax (160 MHz, MCS7, 88pc duty cycle)	WLAN	8.49	
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
0764	AAC	IEEE 802.11ax (160 MHz, MCSS, 99pc duty cycle)	WLAN	8.54	
0765	AAC	IEEE 802.11ax (190MHz, MCS10, 89pc duty cycle)	WAN	8.54	±9.0
0796	AAC	IEEE 802.11ax (160 MHz, MCS11, Wipc duty cycle)	WLAN	8.51	±9.6
0.767	AAE	5G NR (CP-OFDM, 1 R8, 5MHz, QPSK, 15NHz)	5G NR FR1 TDD	7.99	±9.6
11768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		19.6
0769	AAD	SG NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8,01	±9.6
6770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)		8.01	±9.6
0771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15MHz)	5G NR FR1 TOD	8.02	±9.8
0772	AAD	5G NR (CP-OFDM, 1 RB. 30 MHz, QPSK, 15 MHz)	5G NR FR1 TDD	0.02	19.6
0773	AAD	5G NB (CP-OFOM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	±9.6
0774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	E/03	±9.6
0775	AAD	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15MHz)	5G NR FRI TDD	8.02	±9.6
0778	AAD	5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 15kHz)	SG NR FR1 TDD	8.31	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15MHz)	SG NR FR1 TDD	8.30	±9.6
0778	AAD	53 NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	SG NR FRI TDD	8.30	±9.6
0779	AAC	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.34	±9.6
0780	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.42	#8.6
0791	AAD	5G NR (CP-OFDM, 50% R8, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±9.8
0782	AAD	SG NR (CP-OFDM, 50% RB, 50MHz, QPSK, 154Hz)	SG NR FR1 TOD	8.38	±9.6
0783	AAE		5G NR PRI TDD	8.43	≡9.6
0784	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR) TDO	8.31	±9.6
0785	AAD	SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.29	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
0788	10000	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
0.787	AAD	SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	53 MR FR1 T00	8.44	±9.6
0788	CAA	SG NR (CP-OFOM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,39	±9.6
0789	AAD	SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 T00	8.37	±9.6
0790	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±9.6
0791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, CPSK, 30 kHz)	5G NR FRI TDD	7.83	±9.6
0.792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.92	±9.6
0793	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.95	±9.6
0794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	50 NR FRI TOD	7.82	±9.6
0795	AAD	5G NR (CP-QFDM, 1 RB, 25MHz, QPSK, 30kHz)	SG NR FR1 TDD	7.84	±9.6
0796	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	±9.6
0797	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 36kHz)	50 NR FRI TDD	5.0t	±9.6
0798	AAD	5G NR (CP-OFOM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.89	+8.6
0799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0901	(DAA)	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FRI TDO	7.88	±9.6
0802	CAA	SG NR (CP-OFOM, 1 RB, 90 MHz, CPSK, 30 kHz)	5G NR FR1 TD0	7.87	+9.6
0.000	AAD	0G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHb)	5G NR FRI TOD	7.93	+9.6
0805	AAD	5G NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0806	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 36 kHz)	5G MR FR1 TDD	8.37	19.6
0809	AAD	5G NR (CP-OFOM, 50% RB, 30 MHz, CPSK, 30 kHz)	5G NR FRI TOD	8.34	±9.6
0810	AAD	SG NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	50 NR FRI TOD	B.34	±9.6
0812	AAD	BG NR (CP-OFOM, 50% RB, 80 MHz, QPSK, 30 AHz)	5G NR FR1 TDD	8.35	±9.6
0817	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30AHz)	5G NR FR1 TDD	8.35	±9.6
1818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.34	±9.6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, CPSK, 30 kHz)	SG NR FR1 TDD	8.33	
0880	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 36 kHz)	50 NR FRI TOD	8.30	±9.6
0821	AAD	5G NR (CP-OFDM, 190% RB, 25 MHz, QPSK, 36 kHz)	5G NR FR1 T00	8.30	±9.6
2580	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TDD		19.6
1823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	The second secon	8.41	8.8
1824	AAD	5G NR (CP-OFOM, 100% RB, 50 MHz, QPSK, 30 MG)	5G NR FR1 T00	8.36	±9.6
3825	AAD	5G NR (CP-CFDM, 100% RB, 60 MHz, QPSK, 36 MHz)	53 NR FR1 T00	6.39	19.6
1827	AAD	5G NR (CP OF DM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8,41	±9.6
	AAD	5G NR (CP-OFOM, 100% RB, 90 MHz, QPSK, 30 kHz)	SG NR FR1 T00	8,42	±9.6
0828				8.43	±9.6

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LIID	Rev	Communication System Name	Group	PAR (dB)	UncE A = 2
10829	AAD	5G NR (CP-OFDM, 100% RB, 106 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.40	+9.6
10830	AAD	5G NR (GP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	7.63	±9.0
10831	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 6DkHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFOM, 1 RB, 25 MHz, OPSK, 60 kHz)	SG NA FA1 TOO	7.70	±8.6
10834	AAD	50 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB. 40 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NA FR1 TDD	7.00	+9.8
10837	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 80 kHz)	5G NR FR1 TOD	7.68	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	+9.5
10640	AAD	SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.8
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.8
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% R8, 20MHz, GPSK, 66 kHz)	5G NR FR1 TOD	8.34	±9.6
10846	AAD	50 NR (CP-OFDM, 50% RB, 30MHz, QPSK, 60kHz)	5G NR FR1 TOD	8.41	19.6
10854	AAD	58 NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, CPSK, 60 kHz)	50 NR FR1 T00	8.36	±9.6
10.856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, OPSK, 60 kHz)	5G NR FR1 TOO	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, BOWHz)	5G NR FR1 TOD	8.35	±9.6
1085a	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FRI TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	B.34	2.9.6
10880	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	SG NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 80 kHz)	5G NA FRI TOD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8,41	±9.6
10864	CAA	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	11.37	19.6
- Inches	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	SG NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.0
10868	AAD	SG NR (DFT-e-OFDM, 100% RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.0
10869	AAE	5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10871	AAE	50 NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NA FR2 TOD	5.86	±9,6
10872	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TOO	5.75	±9.0
10873	AAE	5G NR (DFT-s-OFDM, 100% RB, 100MHz, 18QAM, 120 kHz)	5G NR FR2 T00	6.52	±9.6
10874	AAE	5G NR (DFT a OFDM, 1 RB, 100 MHz, S4QAM, 120 kHz)	5G NA FR2 TOD	6.61	#9.6
		5G NR (DFT-s-OFDM, 100% RB, 100MHz, 64GAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, GPSK, 120 kHz)	SG NR FR2 TOD	7.78	±9.6
10877	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	8.39	8.65
10878	AAE	50 NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 HHz)	50 NR FR2 TDD	7.95	±9.6
18879	AAE	5G NR (CP-OFOM, 100% RB, 100MHz, 16GAM, 120kHz)	50 NR FR2 TOD	8.41	±9.6
10880	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 54QAM, 120 kHz)	5G NR FR2 TDD	11.12	19.6
10881	AAE	SG NR (CP-OFDM, 100% RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TDD	8.36	±9.6
0882	AAE	SG NR (DFT-e-OFOM, 1 RB, SOMHz, QPSK, 120 NHz)	59 NR FR2 TDD	5.75	±9.0
10883	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10884	AAE	5G NR (DFT-6-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	+9.6
10885	AAF	50 NR (DFT-s-OFDM, 100% RB, 51 MHz, 16QAM, 120 kHz) 56 NR (DFT-s-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	0.53	±8.fi
10886	AAE	5G NR (DFTs-OFDM, 14B, 50MHz, 64QAM, 120kHz)	5G NR FR2 TD0	6.61	±9.0
0887	AAE	FO NE ICE OFFICE A DR. SOARU, ORDER AND THE STATE	5G NR FR2 TDO	0.65	±9.8
10888	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 120kHz) 5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 100	7.78	±8.6
0889	AAE	5G NR (DP-OFDM, 188, 50 MHz, 16GAM, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
0.890	AAE	5G NR (CP-OFUM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	E.02	±9.6
0891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NA FR2 TDD	8.40	±9.6
0892	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	B.13	±9.6
0897	AAC	5G NR (DFTs-OFDM, 1 RB, 5MHz, GPSK, 38KHz)	5G NR FR2 TDD	8.41	±9.6
0896	AAB	SG NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	19.6
0899	AAB	5G NR (DFT-6-OFDM, 1 RB, 15MHz, QPSK, 30NHz)	50 NR FRT YOU	5.87	±9.6
0900	AAB	5G NR (DFTs OFDM, 1 R8, 20 MHz, OPSK, 30 MHz)	5G NR FRI TDD	5.67	±9.6
0901	AAB	9G NR (DFTs-OFDM, 1 RB, 25MHz, QPSK, 30MHz)	5G NR FR1 TDD	5.68	±9.6
0.005	AAB	53 NR (DFT-s-OFDM, 1 RB, 30 MHz, CPSK, 30 kHz)	5G NR FRI TOD	5.68	±9.6
0983	AAB	5G NR (DFTs-OFDM, 1 RB, 40 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	±9.6
0904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 NHz)	SG NR FR1 TDD	5.66	±9.0
0905	AAB	9G NR (DFT-s-OFDM, 1 HB, 60 MHz, QPSK, 30 kHz)	SG NR FRI TDD	5.88	±9.6
0906	AAB	5G NR (DFT+-OFDM, 1 RB, B0MHz, QPSK, 30kHz)	5G NR FRI TDD	5.88	±9.6
0907	AAC	5G NR (DFT-s-OFDM, 1 HB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
8908	AAB	5G NR (DFTs-OFOM, 50% RB, 5MHz, QPSK, 30KHz)	5G NR FR1 TDD	5.78	±9.6
0908	BAA		5G NR FRI TDD	5.90	±9.6
222.22	AAB	SG NR (DFT++ OFOM, 50% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.98	±9.6
44.44	nno	5G NR (DFT-s-OFOM, 50% RB, 20 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.83	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unch k = 2
10911		50 NR (DFTs-OFDM, 58% RB, 25 MHz, QPSK, 30 kHz)	5G NR FRI TDO	5.93	49.6
10912	AAB	5G NR (DFT-e-OFOM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FH1 TDO	5.84	±9.6
10913		5G NR (DFT's-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.84	19.6
10914		5G NR (DFT-9-OFOM, 50% RB, 50MHz, QPSK, 30kHz)	50 NR FR1 TDD	5.85	48.6
10915		SG NR (DFT-s-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TD0	5.83	±0.6
10916	1, 10, 100	5G NR (DFT-s-OFDM, 50% RB, BOMHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±9.6
10917	-	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FRH TDD	5.94	19.6
10918	AAC	SG NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FRITTOD	5.88	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.86	+9.6
10920	AAB	5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 304Hz)	SG NR FR1 TDD	5.87	±9.6
10821	AAB	5G NR (DFT+-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR: TDD	5.84	±9.8
10922	AAB	5G NR (DFT-a-OF0M, 100% RB, 25MHz, QPSK, 30RHz)	5G NR FRI TOD	5.62	±9.6
10923	WWB	SG NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 30KHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% AB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	50 NR (DFT-s-OFOM, 100% RB, 50MHz, QPSK, 30KHz)	5G NR FR1 TDD	5.95	+9.8
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TD0	5.84	±9.6
10027	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOO	5.94	38.6
10928	AAC	50 NR (DFTs-OFDM, 1 R8, 5MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.52	+9.5
10829	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
0930	AAG	5G NR (DFT-s-OFDM, 1 RB, 15MHz, OPSK, 15kHz)	5G NR FR1 FDD	5.52	±0.6
10931	AAC	5G NR (DFT-s-OFDM, 1 AB, 20MHz, QPSK, 15kHz)	SG NR FR1 F00	5.51	±8.0
0932	AAC	SQ NR (DFTs-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
0933	AAC	5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
0934	AAS	SG NR (DFT-s-OFDM, 1 RB, 40MHz, QPSK, 15kHz)	SQ NR FR1 FDD	5.51	19.6
0935	CAA	SG NR (DET-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
10936	AAC	SG NR (DFT-II-OFOM, 50% RB, 5MHz, QPSX, 15kHz)	50 NR FRT FOD	5.90	49.6
0937	AAC	5G NR (OFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.8
	0.5 P. PM	SG NR (DFT+-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.90	±9.6
0939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.68	±9.6
0941	AAC	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 15WHz)	5G NR FR1 F00	5.89	±9.6
	and the latest latest latest	SQ NR (DFT-s OFDM, 50% RB. 30MHz, QPSK, 15kHz)	5G N/I FRT FDD	5.83	±9.6
0942	AAD	5G NR (DFT.s-DFDM, 50% AB, 40MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.85	8.83
0943	AAC	SG NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 15 kHz)	SG NR FR1 FOD	5.95	±9.6
0948	AAC	50 NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±9.6
0946	AAC	SG NR (DFT-6-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 FOD	5.85	±9.6
0047	AAC	50 NR (DFTs-OFDM, 100% RB, 15 MRz, OPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0948	AAC.	5G NR (DFTs-OFDM, 100% RB, 20 MHz, OPSK, 15kHz)	5G NR FR1 FDD	5,87	±9.0
0949	AAG	SG NR (DFTs-OFDM, 100% RB, 25MHz, OPSK, 15kHz)	5G NR FRI FDD	5.94	±8.6
0960	AAC.	5G NR (OFT's OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FD0	5,87	£9.8
0961	AAD	SS NR (DFT-a-OFOM, 100% RB, 40MHz, QPSK, 15KHz) 5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15KHz)	90 NR FR1 FDD	5.94	±9.8
0952	AAA	SO ME DU UND CODING THE THE STATE OF THE STA	5G NR FR1 FD0	5,92	±9.6
0953	AAA	SG NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 F00	8.25	±9.6
0954	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 68-GAM, 15 MHz) 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-GAM, 15 MHz)	5G NR FR1 FDD	8.15	±9.8
0955	AAA	5G NR DL (CP-OFDM, TM 3.1, 19 MRZ, 64-QAM, 15 KRZ)	5G NR FR1 F00	8.23	±9.6
0956	AAA	5G NR DL (CP-GFDM, TM 3.1, 5 MHz, 84-DAM, 30 MHz)	5G NR FR1 FDD	8.42	±9.6
0957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.14	+9.6
0958	AAA	5G NA DL (GP-GFDM, TM 3.1, 15MHz, 64-QAM, 30xHz)	SG NR FR1 FDD	8.31	±9.fi
0959	AAA	BG NR DL (GP-OFDM, TM 2.1, 20MHz, 64-QAM, 308Hz)	SG NR FR1 FDD	8,61	19.6
0960	AAC	5G NR DL (OP-OFDM, TM 3.1, 5MHz, 64-QAM, 35KHz)	SQ NR FR1 FDD	8.33	±8.6
1961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15KHz)	5G NR FR1 TDD	9,32	±9.6
0962	AAB	5G NR DL (CP-OPDM, TM 3.1, 15MHz, 64-QAM, 15KHz)	SG NR FR1 T00	9.36	±9.6
0963	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15KHz)	5G NR FR1 TDD	9.40	±9.6
0964	AAC	5G NR DL (CP-OFOM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.55	+9.0
0985	AAB	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30KHz)	5G NR FR1 TOD	9.29	±9.6
986	AAB	5G NR DL (CP-GFDM, TM 3.1, 15 MHz, 84-QAM, 30 MHz)	5G NR FRI TDD	0.37	±9.6
967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz)	5G NR FR1 TOO	9.55	±0.0
9988	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	SG NR FRI TOD	9.42	±9.6
972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	9.49	±9.6
1973	AAB	50 NR (DFT-s-OFOM, 1 RB. 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	11.50	±9.0
1974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 258-QAM, 30 kHz)	8G NA FA1 TDD	9.06	±9.6
1978	AAA	DLLA BDR	5G NR FR1 TOO	10.28	±9.6
1979	AAA	ULLA HDR4	ULLA	1.16	±9.6
1980	AAA	ULLA HDRE	ULLA	8.58	±9.6
981	AAA	ULLA HDRe4	ULLA	10.32	±9.6
		ULLA HDRp8	LILLA	3.19	±9.6
1982	AAA		ULLA	3.42	

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE # = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	SG NR FRI TOD	9.31	
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	SG NR FR1 TDD		±8.8
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,42	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64 QAM, 30 kHz)	SG NR FRI TOO	9.54	±9.6
10987	AAA	SG NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	9G NR FR1 700	9.50	±9,6
10988	AAA	5G NR DL (CP-DFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	SG NR FR1 TDD	9.53	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 T00	9,36	19.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FRI TDD	9.33	±9.6
11 000	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	9,52	#9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30MHz, 64-QAM, 30kHz)		10.24	±9.6
11005	AAA	5G NR DL (OP-OFDM, TM 3.1, 25MHz, 64-QAM, 15kHz)	SG NR FR1 TDD	10.73	±9,6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 18kHz)	5G NA FAT FDD	8.70	±9.6
11007	AAA	50 NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.55	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8,46	±9.0
11009	AAA	50 NR DL (CP-OFDM, TM 3.1, 28 MHz, 54 QAM, 30 kHz)	5G NR FR1 FD0	8.51	±9.6
1010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30-Mz)	SG NR FR1 F00	8.76	±9.6
1011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 MHz)	5G NR FR1 FDD	8.95	±9.6
1012	AAA	5B NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 F00	8.96	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	5G NR FR1 FD0	8.68	40.6
11014	AAA	IEEE 802 11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.47	±9.6
1015	AAA	IEEE 802 11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.45	±9.6
11018	AAA	IEEE BOZ 11be (320 MHz, MOSII, 99pc duty cycle)	WLAN	8.44	±9.6
1017	AAA	IEEE 802 11be (320MHz, MCSS, 99pc duty cycle)	WLAN	8.44	±9.0
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	0.41	土9.6
1019	AAA	IEEE 802,11be (320 MHz, MC87, 99po duty cycle)	WLAN	8.4()	±9.6
1020	AAA	EEE 802.11be (320 MHz, MCSR. 99pc duty cycle)	WLAN	8.29	3,9.6
1021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8:27	±9.6
1022	AAA	IEEE 802 11be (320 MHz, MCS1), 99pc duty cycle)	WLAN	8,46	±9.6
1023	AAA	HERE BITT 1 the COST MINE, MICHAEL PROCESS COMMON COST	WLAN	0.36	20.6
1024	AAA	IEEE 802 11be (320 MHz, MCS11, 99pc duty cycle) IEEE 802 11be (320 MHz, MCS12, 99pc duty cycle)	W.AN	8.09	29.6
1025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.42	±0.6
1028	AAA	IEEE 802.11be (320 MHz; MCS0, 99pc duty cycle)	WLAN	8.37	±9.6
1100	man	HIDE BUZ LIDB (320 MPU; MCSU, 9900 duty cycle)	WLAN	B.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





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

Swiss Calibration Service

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

Accreditation No.: SCS 0108

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EUmm-9464_Feb24

CALIBRATION CERTIFICATE

Object

EUmmWV4 - SN:9464

Calibration procedure(s)

QA CAL-02.v9, QA CAL-25.v8, QA CAL-42.v3

Calibration procedure for E-field probes optimized for close near field

evaluations in air

Calibration date

February 19, 2024

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

All 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 sensor NRP110T	SN: 101244	12-Apr-23 (No. 0001A300692178)	Apr-24
Spectrum analyzer FSV40	SN: 101832	25-Jan-24 (No. 4030-315007551)	Jan-25
Ref. Probe EUmmWV3	SN: 9374	04-Dec-23 (No. EUmm-9374 Dec23)	Dec-24
DAE4ip	SN: 1662	08-Nov-23 (No. DAE4ip-1882 Nov23)	Nov-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Generator APS/N26G	SN: 669	28-Mar-17 (in house check May-23)	In house check: May-24
Generator Agilent E8251A	SN: US41140111	28-Mar-17 (in house check May-23)	In house check: May-24

	Name	Function	Signature
Calibrated by	Lef Klysner	Laboratory Technician	Seif Them
approved by	Sven Kühn	Technical Manager	S. 4

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

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

Accredited by the Swiss Accreditation Service (SAS)





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S Swiss Calibration Service

Accreditation No.: SCS 0108

Glossarv

NORMx,y sensitivity in free space DCP diode compression point

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 φ φ rotation around probe axis

Polarization # ## rotation 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 Sensor Angles sensor deviation from the probe axis, used to calculate the field orientation and polarization

is the wave propagation direction

Calibration is Performed According to the Following Standards:

 iEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz", December 2005

Methods Applied and Interpretation of Parameters:

- NORMx,y: Assessed for E-field polarization ∂ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- DCPx.y: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- Note: As the field is measured with a diode detector sensor, it is warrantied that the probe response is linear (E²) below the documented lowest calibrated value.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R_p, inductance L and capacitors C, C_p).
- Ax,y; Bx,y; Cx,y; Dx,y; VRx,y; 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.
- 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).
- Equivalent Sensor Angle: The two probe sensors are mounted in the same plane at different angles. The angles are
 assessed using the information gained by determining the NORMx (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy): in a locally homogeneous field realized using an open waveguide / horn setup.

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Parameters of Probe: EUmmWV4 - SN:9464

Basic Calibration Parameters

	Sensor X	Sensor Y	Unc (k = 2)
Norm (μV/(V/m) ²)	0.02247	0.02366	±10.1%
DCP (mV) B	105.0	104.0	±4.7%
Equivalent Sensor Angle	-59.2	36.4	

Calibration Results for Frequency Response (750 MHz - 110 GHz)

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k = 2) dB
0.75	77.2	-0.03	0.05	±0.43
1.8	140.4	0.01	0.05	±0.43
2.0	133.0	0.14	0.18	±0.43
2.2	124.8	-0.06	-0.04	±0.43
2.5	123.0	0.07	0.07	±0.43
3.5	256.2	-0.22	-0.28	±0.43
3.7	249.8	+0.08	-0.17	±0.43
6.6	74.7	0.04	-0.28	±0.98
8.0	67.2	-0.03	-0.09	±0.98
10.0	66.2	-0.01	0.05	±0.98
15.0	51.2	-0.03	0.13	±0.98
26.6	112.6	0.22	0.16	±0.98
30.0	121.9	0.03	-0.00	±0.98
35.0	121.3	-0.17	-0.12	±0.98
40.0	102.3	-0.31	-0.21	±0.98
50.0	61.5	-0.03	-0.04	±0.98
55.0	75.9	0.04	0.03	±0.98
60.0	80.5	0.00	0.01	±0.98
65.0	77.1	0.09	0.06	±0.98
70.0	74.3	0.15	0.08	±0.98
75.0	74.8	0.08	0.01	±0.98
75.0	96.6	0.07	0.03	±0.98
80.0	95.4	-0.05	-0.07	±0.98
85.0	58.0	-0.09	-0.10	±0.98
90.0	84.0	-0.03	-0.01	±0.98
92.0	83.9	0.03	0.03	±0.98
95.0	76.2	0.08	0.03	±0.98
97.0	69.1	0.10	0.06	±0.98
100.0	66.9	0.19	0.14	±0.98
105.0	67.2	-0.02	-0.07	±0.98
110.0	78.1	-0.14	-0.07	±0.98

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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[®] Linearization perameter uncertainty for maximum specified field strength.



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Parameters of Probe: EUmmWV4 - SN:9464

Calibration Results for Modulation Response

UID	Communication System Name		A dB	$dB\sqrt{\mu V}$	С	D dB	VR mV	Max dev.	Max Unc [£] k = 2
0	CW	X	0.00	0.00	1.00	0.00	121.2	±3.0%	±4.7%
		Y	0.00	0.00	1.00		96.2	1000	3.550
10352	Pulse Waveform (200Hz, 10%)	X	1.55	60.00	13.08	10.00	6.0	±1.3%	±9.6%
		Y	1,36	60.00	13.96		6.0		
10353	Pulse Waveform (200Hz, 20%)	X	1.00	60.00	12.17	6.99	12.0	±0.7%	±9.6%
		Y	0.89	60.00	13.10	Variable	12.0		A THE OWNER OF THE OWNER OWNER OF THE OWNER O
10354	Pulse Waveform (200Hz, 40%)	X	0.58	60.00	11.15	3.98	23.0	±0.9%	±9.6%
		Y	0.52	60.00	12.11	-03000	23.0		HEESTON.
10355	Pulse Waveform (200Hz, 60%)	X	0.36	60.00	10.58	2.22	27.0	±0.6%	±9.6%
	- was also as a supposition of	Y	0.35	60.00	11.34		27.0		-3.50
10387	QPSK Waveform, 1 MHz	X	0.81	60.00	11.26	1.00	22.0	±1.6%	±9.6%
		Y	0.85	60.00	11.40		22.0		
10388	QPSK Waveform, 10 MHz	X	1.17	60.00	11.84	0.00	22.0	±0.7%	±9.6%
		Y	1.21	60.00	11.91	1000000	22.0	restrict.	CHARTON
10396	64-QAM Waveform, 100 kHz	X	1.63	60.00	13.82	3.01	17.0	±0.6%	±9.6%
		Y	1.69	60.00	13.86	2702003	17.0		
10399	64-QAM Waveform, 40 MHz	X	2.01	60.00	12.37	0.00	19.0	±0.7%	±9.6%
v zecoviti		Y	2.03	60.00	12.46	1	19.0	25 K	- 575
10414	WLAN CCDF, 64-QAM, 40 MHz	X	2.96	60.00	12.80	0.00	12.0	±0.8%	±9.6%
		Y	2.97	60.00	12.88	1,2,400	12.0	20.070	

Note: For details on UID parameters see Appendix

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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Parameters of Probe: EUmmWV4 - SN:9464

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k = 2) dB
0.9	50.0	-0.07	0.11	±0.2
0.9	100.0	0.00	0.03	±0.2
0.9	500.0	0.02	-0.00	±0.2
0.9	1000.0	0.04	0.02	±0.2
0.9	1500.0	0.03	0.02	±0.2
0.9	2100.0	0.00	0.01	±0.2

Sensor Frequency Model Parameters (750 MHz - 55 GHz)

	Sensor X	Sensor Y
R (Ω)	53.67	71.53
R _p (Ω)	71.49	100.42
L (nH)	0.05070	0.06278
C (pF)	0.3580	0.3306
Cp (pF)	0.1020	0.0814

Sensor Frequency Model Parameters (55 GHz - 110 GHz)

	Sensor X	Sensor Y
Β (Ω)	38.57	52.47
R _p (Ω)	140.57	197.16
L (nH)	0.06273	0.09122
C (pF)	0.0765	0.0544
Cp (pF)	0.0745	0.0513

Sensor Model Parameters

	C1 fF	C2 fF	α V-1	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
×	23.4	169.76	33.74	2.66	2.34	4.98	0.00	0.51	1.01
У.	24.2	176.10	33.95	0.92	2.24	4.99	0.00	0.64	1.01

Other Probe Parameters

Sensor Arrangement	Rectangular
Connector Angle	72.9°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm

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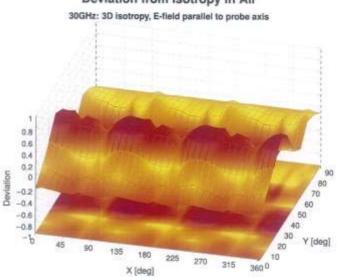
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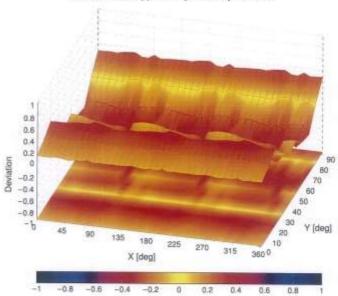


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Deviation from Isotropy in Air



60GHz: 3D isotropy, E-field parallel to probe axis



Probe isotropy for E_{tot} : probe rotated $\phi=0^\circ$ to 360°, tilted from field propagation direction \vec{k} . Parallel to the field propagation ($\psi=0^\circ-90^\circ$) at 30 GHz: deviation within ± 0.48 dB Parallel to the field propagation ($\psi=0^\circ-90^\circ$) at 60 GHz: deviation within ± 0.43 dB

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Appendix: Modulation Calibration Parameters

OW	UID	Rey	Communication System Name	Group	PAR (dB)	Unc ^E k =:
TODAY CAC MATS-PDD (WCDMA)			CONTRACTOR	CW	0.00	±4.7
100712 CAB EEE B02.11 WHI 2 4 GHz (DSSS, 1 MOpp)			SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
100912 DAC DAFFED DAFF			LMTS-FDD (WCDMA)	WCDMA	2.91	19.6
DAC GAM GAM	0012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	19.6
DECC DAC OPRS-PDD (TDMA, QMSK, TN 0)	10013	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	19.6
DOC DAC GPRS-FDD (TDMA, GMSK, TN 0-1) GSM 5.56	0.021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
DOCS DAC DOCE-FDD (TDMA, SPEK, TH 0) GSM 9.265	0023	DAC	GPRS-FDD (TDMA, QMSK, TN 0)	GSM	9.57	±9.6
DAC EDGE-FDD (TDMA, BPSK, TN 0-1) GSM 12.52	0024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	8.56	±9.6
DAC EDGE-FDD (TDMA, GRISK, TN 0-1-2) GSM	10025	DAC		The state of the s		±9.6
DAC DAC GPRS-PDD (TDMA, GMSK: TN 0-1-2)	10026		EDGE-FDD (TDMA, BPSK, TN 0-1)		100000000000000000000000000000000000000	±9.6
DAC DAC GPRS-FDD (TDMA, GMSK, TN 0-1-2s) GSM 3.58	10027	DAC				±9.6
DACE EDGE-FDD (TDMA, BPSK, TN 0-1-2)	10028	DAC	A STATE OF THE STA			±9.6
10030 CAA IEEE 802.15.1 Bluebooth (GFBK, DH5) Bluebooth 5.30					1,000	±9.6
10031 CAA IEEE 802.15.1 Bluetocht (GFSK, DH5) Bluetocht 1.67		10000				±9.0
100025 CAA	manufacture of the same	and the second second	A SECURITION OF THE PROPERTY AND ADDRESS OF THE PROPERTY OF TH	The state of the s	0.00	±9.0
10039 CAA	prendental conference	_			The state of the s	
10095 CAA IEEE 802.15.1 Bluebooth (PN4-DQPSK, DH9) Buelooth 4.53 10096 CAA IEEE 802.15.1 Bluebooth (PN4-DQPSK, DH9) Bluebooth 8.01 10097 CAA IEEE 802.15.1 Bluebooth (IPN4-DQPSK, DH9) Bluebooth 8.01 10098 CAA IEEE 802.15.1 Bluebooth (IPN4-DQPSK, DH9) Bluebooth 4.77 10098 CAA IEEE 802.15.1 Bluebooth (IPDPSK, DH9) Bluebooth 4.77 10098 CAA IEEE 802.15.1 Bluebooth (IPDPSK, DH9) Bluebooth 4.77 10098 CAA IEEE 802.15.1 Bluebooth (IPDPSK, DH9) CDMA2000 4.57 10098 CAA IEEE 802.15.1 Bluebooth (IPDPSK, DH9) CDMA2000 4.57 10098 CAA SHEER FOR TIDD (TDMAPDM, PN4-DQPSK, Hathrater) AMPS 7.78 10094 CAA DECT (TDD, TDMAPDM, GFSK, Full Stot, 24) DECT 13.90 10094 CAA DECT (TDD, TDMAPDM, GFSK, Full Stot, 24) DECT 13.90 10095 CAA DECT (TDD, TDMAPDM, GFSK, Full Stot, 24) DECT 13.90 10095 CAA DECT (TDD, TDMAPDM, GFSK, Full Stot, 24) DECT 13.90 10095 CAA LWTS-TDD (TOS-GCMA, T.26 Mcps) TD-SCDMA 11.01 10096 CAA SHEE 802.11 DWFS 2.4 CH2 (DSSS, 2.5 Mpps) WILAN 2.12 10096 CAB IEEE 802.11 DWFS 2.4 CH2 (DSSS, 2.5 Mpps) WILAN 2.18 10096 CAB IEEE 802.11 DWFS 2.4 CH2 (DSSS, 2.5 Mpps) WILAN 2.83 10097 CAB IEEE 802.11 DWFS 2.4 CH2 (DSSS, 2.5 Mpps) WILAN 3.50 10098 CAB IEEE 802.11 DWFS 2.4 CH2 (DFDM, 3.8 Mpps) WILAN 3.60 10098 CAB IEEE 802.11 DWFS 2.4 CH2 (DFDM, 3.8 Mpps) WILAN 3.60 10098 CAB IEEE 802.11 DWFS 2.4 CH2 (DFDM, 3.8 Mpps) WILAN 3.60 10098 CAB IEEE 802.11 DWFS 2.4 CH2 (DFDM, 3.8 Mpps) WILAN 3.60 10098 CAB IEEE 802.11 DWFS 2.4 CH2 (DFDM, 3.8 Mpps) WILAN 3.60 10098 CAE IEEE 802.11 DWFS 2.4 CH2 (DFDM, 3.8 Mpps) WILAN 3.60 10098 CAE IEEE 802.11 DWFS 2.4 CH2 (DFDM, 3.8 Mpps) WILAN 3.60 10099 CAE IEEE 802.11 DWFS 2.4 CH2 (DFSSSOCPOM, 3.8 Mpps) WILAN 3.60 10099 CAE IEEE 802.11 DWFS 2.4 CH2 (DFSSSOCPOM, 3.8 Mpps) WILAN 3.60 100		100	A STATE OF THE PROPERTY OF THE			±9.6
10035 CAA EEE 802 15.1 Bluebooth (PM-OOPSK, DHS) Bluebooth 0.83 Bluebooth 0.83 Bluebooth 0.87 0.87 Bluebooth 0.87 0.8			The second section of the sect			19.6
10036 CAA EEE 802.15.1 Bluebooth (8-DPSK, DH1) Bluebooth 8.01		1177				±9.6
10036 CAA REEE 802.15 Bluetooth (8-DPSK, DHS)	and the first become	and the second	The state of the s			±9.6
DIGUIS CAR				The State of the S		±9.6
CDMA2000 1.8FT, RC1 CDMA2000 (1.8FT, RC1) CDMA2000 4.57 CDMA2000 4.57					The second section is a second section of the second section is a second section in the second section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in	±9.6
10042 CAB IS-54 / IS-156 FDD (TDMA/FOM, PW-OQPSK, Nathrate)						±9.6
10044 CAA IS 91/EIA/TIA-SSS FDD (FDMA, FM)	-				7.77	±9.5
10048 CAA DECT (TDD, TDMAFDM, GFSK, FuE Sict, 24) DECT 13,80 10049 CAA DECT (TDD, TDMAFDM, GFSK, Double Stot, 12) DECT 15,79 10056 CAA DECT (TDD, TDMAFDM, GFSK, Double Stot, 12) DECT 15,79 10056 DAC LOGGE FDD (TDMA, SPSK, TN 0-1-2-3) GSM 6-52 10059 CAB IEEE 802.11b WiFl 2.4 GHz (DSSS, ZNbpsi) WILAN 2.18 10060 CAB IEEE 802.11b WiFl 2.4 GHz (DSSS, S. SNbpsi) WILAN 2.83 10061 CAB IEEE 802.11b WiFl 2.4 GHz (DSSS, S. SNbpsi) WILAN 3.50 10061 CAB IEEE 802.11b WiFl 2.4 GHz (DSSS, S. SNbpsi) WILAN 3.50 10062 CAE IEEE 802.11b WiFl 5.4 GHz (DSSS, S. SNbpsi) WILAN 3.50 10063 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 8 Mbpsi) WILAN 8.63 10064 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 18 Mbpsi) WILAN 9.09 10065 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 18 Mbpsi) WILAN 9.09 10066 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 38 Mbpsi) WILAN 9.09 10067 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 38 Mbpsi) WILAN 9.09 10068 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 38 Mbpsi) WILAN 9.09 10069 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 38 Mbpsi) WILAN 10.24 10069 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 38 Mbpsi) WILAN 10.24 10069 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 38 Mbpsi) WILAN 10.24 10060 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 48 Mbpsi) WILAN 10.24 10060 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 48 Mbpsi) WILAN 10.24 10060 CAE IEEE 802.11ah WiFl 5.6 GHz (OFDM, 48 Mbpsi) WILAN 10.26 10071 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/GFOM, 18 Mbpsi) WILAN 9.84 10072 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/GFOM, 18 Mbpsi) WILAN 9.84 10073 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/GFOM, 18 Mbpsi) WILAN 9.84 10074 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/GFOM, 18 Mbpsi) WILAN 9.84 10075 CAB IEEE 802.11g WiFl 2.4 GHz (DSSS/GFOM, 18 Mbpsi) WILAN 10.30 10076 CAB IEEE 802.11g WiFl 2.4		177.77	and prescription and the contract of the contr	AMPS	7.78	±9.6
10.049 CAA DECT (TOD, TDMA/FDM, GFSK, Double Stot, 12) DECT 10.79				AMPS	0.00	±9.6
TO-SCDMA		175	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13,80	±9.6
10055 DAC EDGE-FDD (TDMA, SPSK, TN 0-1-2-3) GSM 6-52 10059 GAB IEEE 802.11b WIF) 2.4 GHz (DSSS, 2 Mbps) WLAN 2.12 10050 CAB IEEE 802.11b WIF) 2.4 GHz (DSSS, 5-5Mbps) WLAN 2.83 10061 GAB IEEE 802.11b WIF) 2.4 GHz (DSSS, 5-5Mbps) WLAN 3.50 10062 GAE IEEE 802.11b WIF) 2.4 GHz (DSSS, 11 Mbps) WLAN 8.56 10063 CAE IEEE 802.11ah WIF) 5 GHz (OFDM, 6 Mbps) WLAN 8.63 10064 CAE IEEE 802.11ah WIF) 5 GHz (OFDM, 9 Mbps) WLAN 9.09 10065 CAE IEEE 802.11ah WIF) 6 GHz (OFDM, 18 Mbps) WLAN 9.09 10065 CAE IEEE 802.11ah WIF) 6 GHz (OFDM, 18 Mbps) WLAN 9.38 10067 CAE IEEE 802.11ah WIF) 6 GHz (OFDM, 36 Mbps) WLAN 9.38 10067 CAE IEEE 802.11ah WIF) 6 GHz (OFDM, 48 Mbps) WLAN 10.12 10068 CAE IEEE 802.11ah WIF) 6 GHz (OFDM, 48 Mbps) WLAN 10.24 10069 CAE IEEE 802.11ah WIF) 6 GHz (OFDM, 48 Mbps) WLAN 10.24 10070 CAB IEEE 802.11ah WIF) 6 GHz (OFDM, 48 Mbps) WLAN 10.56 10071 CAB IEEE 802.11ah WIF) 6 GHz (OFDM, 48 Mbps) WLAN 9.83 10072 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 18 Mbps) WLAN 9.83 10073 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 18 Mbps) WLAN 9.62 10073 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 24 Mbps) WLAN 9.83 10075 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 9.84 10076 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 9.85 10077 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 9.87 10079 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 9.87 10070 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 9.87 10070 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 9.87 10070 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 9.87 10070 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 9.87 10070 CAB IEEE 802.11g WIF) 2.4 GHz (DSSS/OFDM, 54 Mbps) WLAN 9.87 1007	10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Dauble Slot, 12)	DECT	10.79	#9.6
10059 GAB IEEE 802.11b WIF 2.4 GHz (DSSS, 2 Mbps) WLAN 2.12	0.056	CAA	UMTS-TDD (TD-SCOMA, 1,28 Mcps)	TD-SCDMA	11.01	±9.6
10099 CAB	0055	DAC	EDGE-FDD (TOMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
CORD CAB IEEE 802.11b WFI 2.4 GHz (DSSS, 5.5 Mbps)	0.059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	0.70777	±9.6
GAB REEE 802.11a WIFE 2.4 GHz (DSSS, 11 Meps) WILAN 3.50	0000	CAB				±9.6
10082 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 6 Mbps) WILAN 8.68 10083 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps) WILAN 8.63 10084 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 12 Mbps) WILAN 9.09 10085 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 12 Mbps) WILAN 9.09 10086 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps) WILAN 9.88 10087 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 98 Mbps) WILAN 9.88 10087 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 98 Mbps) WILAN 10.12 10088 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 98 Mbps) WILAN 10.24 10089 CAE IEEE 802.11a/h WiFl 5 GHz (OFDM, 98 Mbps) WILAN 10.56 10071 CAB IEEE 802.11a/h WiFl 5 GHz (OFDM, 98 Mbps) WILAN 9.83 10072 CAB IEEE 802.11g WiFl 2 4 GHz (OSSS/OFDM, 12 Mbps) WILAN 9.62 10073 CAB IEEE 802.11g WiFl 2 4 GHz (OSSS/OFDM, 12 Mbps) WILAN 9.62 10074 CAB IEEE 802.11g WiFl 2 4 GHz (OSSS/OFDM, 12 Mbps) WILAN 9.94 10075 CAB IEEE 802.11g WiFl 2 4 GHz (OSSS/OFDM, 14 Mbps) WILAN 9.94 10076 CAB IEEE 802.11g WiFl 2 4 GHz (OSSS/OFDM, 36 Mbps) WILAN 10.30 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 48 Mbps) WILAN 10.77 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 48 Mbps) WILAN 10.77 10078 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 10077 CAB IEEE 802.11g WiFl 2 4 GHz (DSSS/OFDM, 54 Mbps) WILAN 10.94 1	0.081	CAB		The state of the s	375.000	19.6
CAE IEEE 802.11a/h WIFLSGHz (OFDM, 9Mbps) WILAN 8.63	0.082	CAE		1,129712	100000000000000000000000000000000000000	19.6
CAE IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps) WLAN 9.09						±9.6
Company Comp				The state of the s	1-00-0	±9.6
10066 CAE			The state of the s	The state of the s	1,777,075	
10.087 CAE IEEE 802.11a/h WIFL 5 GHz (OFDM, 36 Mbps) WILAN 10.12	the Park Street, said				100000000000000000000000000000000000000	19.6
Topic Topi		100				19.6
DOSS CAE IEEE 802.11a WFI 5 GHz (OFDM, 54 Mbps) WILAN 10.56	7.77	177	The state of the s	A COLUMN TO THE PARTY OF THE PA		±9.6
10071 CAB IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 9 Mbps) WLAN 9.83 10072 CAB IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 12 Mbps) WLAN 9.62 WLAN 9.62 WLAN 9.62 WLAN 9.64 WLAN 9.65 WLAN 9.66 WLAN 9.67 WLAN	Plantuckers	- balance		and the same of th		±9.6
CAB REEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 12 Mbps) WLAN 9.62						±9.0
CAB REEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 18 Mbps) WLAN 9.94						±9.8
10074 CAB IEEE 802.11g WIFI 2.4 GHz (DSSS/OFOM, 24 Mbps) WLAN 10.30 10076 CAB IEEE 802.11g WIFI 2.4 GHz (DSSS/OFOM, 36 Mbps) WLAN 10.77 10076 CAB IEEE 802.11g WIFI 2.4 GHz (DSSS/OFOM, 36 Mbps) WLAN 10.94 10077 CAB IEEE 802.11g WIFI 2.4 GHz (DSSS/OFOM, 46 Mbps) WLAN 10.94 10077 CAB IEEE 802.11g WIFI 2.4 GHz (DSSS/OFOM, 54 Mbps) WLAN 11.00 10081 CAB COMA2000 (1xRTT, RC3) CDMA2000 3.97 10082 DAB IS-54 / IS-136 FDD (TDMA/FDM, PL4-DQPSK, Fullsate) AMPS 4.77 10080 DAC GPRIS-FDD (TDMA, GMSK, TN 0-4) GSM 6.56 10087 CAC UMTS-FDD (HSDPA) WCDMA 3.98 10088 CAC UMTS-FDD (HSDPA) WCDMA 3.98 10089 DAC EDGE-FDD (TDMA, SPSK, TN 0-4) GSM 9.55 10100 CAF LTE-FDD (SC-FOMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD 5.67 10101 CAF LTE-FDD (SC-FOMA, 100% RB, 20 MHz, GPSK) LTE-FDD 6.60 10103 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, GPSK) LTE-FDD 9.29 10104 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, GPSK) LTE-TDD 9.29 10105 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, GPSK) LTE-FDD 5.80 10106 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, GPSK) LTE-FDD 5.80 10107 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, GPSK) LTE-FDD 5.80 10108 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, GPSK) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 50 MHz, 64-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 50 MHz, 64-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 50 MHz, 64-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FOMA, 100% RB, 50 MH	1000000	1000			1000000	±9.6
10075 CAB REEE 802.11g WFI 2.4 GHz (DSSS/OFOM, 36 Mbps) WLAN 10.77 10076 CAB REEE 802.11g WFI 2.4 GHz (DSSS/OFOM, 46 Mbps) WLAN 10.94 10077 CAB REEE 802.11g WFI 2.4 GHz (DSSS/OFOM, 46 Mbps) WLAN 11.00 10081 CAB COMAZGOO (TARTT, RC3) CDMAZGOO CDMAZGOO S.97 10082 CAB IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Fulleste) AMPS 4.77 10082 CAB IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Fulleste) AMPS 4.77 10099 CAC UMTS-FDD (HSDPA) WCDMA S.98 10099 DAC EDGE-FDD (TDMA, 8PSK, TN 0-4 GSM 9.55 10100 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD 5.67 10101 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD S.80 10103 CAH LTE-FDD (SC-FDMA, 100% RB, 20 MHz, GPSK) LTE-FDD 9.29 10104 CAH LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 9.29 10105 CAH LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 9.29 10106 CAH LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 9.29 10107 CAH LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD 9.29 10108 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD 5.76 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD				The state of the s	5.00.00	±9.6
10076 CAB EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 10.94				The second secon		±9.fi
10077 CAB EEE 802 11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) W.AN 11.00 10081 CAB COMA/2000 (1+RTT, RC3) CDMA/2000 3.87 10082 CAB IS-54 / IS-38 FDD (TDMA/FDM, PI4-DQPSK, Fullesia) AMPS 4.77 10090 DAC GPRIS-FDD (TDMA, MSK, TN 0-4) GSM 6.58 10097 CAC UMTS-FDD (HSDPA) WCDMA 3.98 10098 CAC UMTS-FDD (HSDPA) WCDMA 3.98 10098 CAC UMTS-FDD (HSDPA) WCDMA 3.98 10099 DAC EDGE-FDD (TDMA, 8PSK, TN 0-4) GSM 9.55 10100 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 0PSK) LTE-FDD 5.67 10101 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 6.50 10102 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 9.29 10103 CAH LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 9.29 10104 CAH LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 9.29 10105 CAH LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 9.29 10106 CAH LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 5.80 10107 CAH LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 5.80 10108 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.80 10109 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 10 PSK) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 10 PSK) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 10 PSK) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 10 PSK) LTE-FDD 5.76 10100 CAH LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 10 PSK) LTE-FDD 5.				WLAN	10.77	±9.6
CAB COMA2000 (TWRTT, RC3) CDMA2000 S.97					10.94	±9.6
OBS2 CAB IS-54 / IS-136 FDD (TDMA/FDM, PI4-DQPSK, Fulkers) AMPS 4.77				WLAN	11.00	±9.8
DAC GPRS-FDD (TDMA, QMSK, TN 0-4) GSM 6.59		400000		CDMA2000	3.97	±9.6
0097 CAC UMTS-FDD (HSDPA) WCDMA 3.98				AMPS	4.77	±9.6
D088 CAC		-		GSM	6.58	±9.6
ODBS CAC LMTS-FDD HSLIPR, Subtest 2 WCDMA 3.98		100.00	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
DAC EDGE-FDD (TDMA, 8PSK, TN 0-4 GSM 9.55			UMTS-FDD (HSUPA, Subtest 2)		- Contraction	19.6
0100 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD 5.67	0.099		EDGE-FDD (TDMA, 8PSK, TN 0-4)			±9.6
0.101 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	0100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	Contract Con	1.000 (1.00)	±9.6
0.102 CAF LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	0101	CAF	LTE-FDD (SG-FDMA, 100% RB, 20 MHz, 16-QAM)			19.6
0108 CAH LTE-TDD 19G-FOMA 100% RB 20 MHz OPSK) LTE-TDD 9.29 0104 CAH LTE-TDD 19G-FOMA 100% RB 20 MHz 16-GAM0 LTE-TDD 10.07 0106 CAH LTE-FDD (SC-FOMA 100% RB 20 MHz GAM0 LTE-FDD 10.07 0108 CAH LTE-FDD (SC-FOMA 100% RB 10 MHz 10 MH	0102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)			19.6
0104 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, 15-QAM) LTE-TDD 9.97 0105 CAH LTE-TDD (SC-FOMA, 100% RB, 20 MHz, 64 QAM) LTE-TDD 10.01 0106 CAH LTE-FDD (SC-FOMA, 100% RB, 10 MHz, 64 QAM) LTE-FDD 5.80 0109 CAH LTE-FDD (SC-FOMA, 100% RB, 10 MHz, 16 QAM) LTE-FDD 6.43 0110 CAH LTE-FDD (SC-FOMA, 100% RB, 10 MHz, 10 QAM) LTE-FDD 5.76	0103	CAH		CONTRACTOR OF THE PARTY OF THE		19.6
0.105 CAH LITE-TDD ISC-FDMA, 100% RB, 20.MHz, 64-QAM) LITE-TDD 10.01 0.108 CAH LITE-FDD ISC-FDMA, 100% RB, 10.MHz, QPSK) LITE-FDD 5.80 0.109 CAH LITE-FDD (SC-FDMA, 100% RB, 10.MHz, 18-QAM) LITE-FDD 6.43 0.110 CAH LITE-FDD (SC-FDMA, 100% RB, 5.MHz, QPSK) LITE-FDD 5.76	-	-		The second secon		
0108 CAH LTE-FDD (SC-FOMA, 100% RB, 103M-bz, QPSK) LTE-FDD 5.80 0109 CAH LTE-FDD (SC-FOMA, 100% RB, 103M-bz, 16-QAM) LTE-FDD 0.43 0110 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 5.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD 0.76 CAH LTE-FDD (SC-FOMA, 100% RB, 5MHz, QPSK) LTE-FDD (SC			The state of the s	350,000,000		±9.6
10109 CAH LTE-FDD (SC-FOMA, 100% RB, 10MHz, 18-QAM) LTE-FDD 6-43 10110 CAH LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-FDD 5-76	2000	175000	The state of the s			±9.6
0110 CAH LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-FDD 5.76	100000					±9.6
						±9.6
0111 CAH LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-FDD 6.44						±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-F00	6.69	±9.6
0113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-F00	6.62	±9.6
0.114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.fi
0115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.48	±9.6
0116	CAE	IEEE 802:11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.0
0117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
0118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
0118	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
0.140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FD0	6.49	±9.6
0141	CAF.	LTE-FDD (SC-FDMA, 180% RB, 15 MHz, 64-QAM)	LTE-FD0	6.53	39.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
0.143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	8.35	±9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	8,65	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE FDD	5.76	2,9,6
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	3,9.8
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-FDD	6.42	4,9.6
0150	CAF	LTE-FDD (SC-FDMA, 60% RB, 20 MHz, 64-QAM)	LTE-FDD	8.60	±9.6
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
0152	CAH	LTE-TDD (SC-FDMA, 58% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
0154	CAH	LTE-FDD (SC-FDMA, 60% 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-FDD	5.79	±9.6
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 18-QAM)	LTE-FDD	8.49	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
0159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	8.58	±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-FOD	6.43	±9.6
1162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FOD	6.58	£9.6
7166	CAG	LTE-FOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FOD	5.46	±9.6
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDO	8.21	±9.6
0168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE FOO	6.79	±9.6
0169	CAF	LTE-FDD (SC-FDMA, 1 AB, 20MHz, QPSK)	LTE-FDD	5.73	±9.6
0170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FOD	6.52	±9.6
0171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
0172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
3173	CAH	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 84-QAM)	LTE-TDD	10.25	±9.6
1175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
1176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 15-QAM)	LTE-FDD	6.52	±9.6
177	CAI	LTE-FDD (SC-FDMA, 1 RB, 6 MHz, QPSK)	LTE-FDD	5.73	±9.6
2178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 15-QAM)	L3E-FDD	6.52	±9.6
179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 84-QAM)	LTE-FDD	6.50	±9.6
180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FOD	5.72	19.6
182	CAF	LTE-FDO (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FD0	8.52	19.6
183	AAE	LTE-FDD (SC-FDMA, 1 RB, 18 MHz, 64-QAM)	LTE-FDO	5.50	±9.6
184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDO	5.73	±9.6
185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDO	6.50	±9.8
187	CAG	LTE-FDD (SC-FOMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDO	5.73	±9.6
188	CAG	LTE-FDD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±8.6
189.	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
193	CAE	EEE 802.11n (HT Greenfield, 8.5 Mbps, BPSK)	WLAN	8.09	±9.6
194	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps. 16-QAM)	WLAN	8.12	±9.6
195	CAE	IEEE 802.11n (HT Greenfield, 55 Mbps. 64-QAM)	WLAN	8.21	±9.6
	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	#9.6
	CAE	IEEE 802 11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
	CAE	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
2000	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	.8.13	±9.6
	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
and the base of the last	CAE	IEEE 802:11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.0

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1922 CAC L'IE-TDD SC-PEMA, 1 RR, 1 AMPZ, 16 GAM0 LIE-TDD 19.2		munication System Name	Group	PAR (dB)	Unc ^E k = 3
1922 CAC TE-TDD (SC-FDMA, 1 RB. 1.4 Mez, G-PSF) ITE-TDD 19.2				5.97	±9.6
19229 CAC			LTE-TDD	9.49	19.6
19290 CAE INF-TOD ISC-POMA, 1 RB, 3 MHz, 16-QAM)			LTE-TOD	10.26	±9.6
19220 CAE TIR-TOD SC-PDMA, 1 RB, 3 MM2, 6 CAMO CHETOD 192 1923 CAE TIR-TOD SC-PDMA, 1 RB, 3 MM2, 6 CPBN CHETOD 192 CAE TIR-TOD SC-PDMA, 1 RB, 5 MM2, 1 C-AMO CHETOD 3 A			LTE-TOD	9.22	±9.6
10232 CAF TR-TDD (SC-PDMA, 1 RB, SMM; DOPS)			LTE-TOD	9.48	±9.6
19225 CAH	-		LTE-TDD	10.25	±9.6
1923				9.19	±9.6
10295 CAM LTE-TDD (SC-PEMA, 1 RB, 19MHz, GPSK) LTE-TDD SC-PEMA, 1 RB, 19MHz, 64-CAMI) LTE-TDD SC-PEMA, 1 RB, 19MHz, 1 RB, 19MH			LTE-TDD	9.48	±9.6
19255 CAH			LTE-TDD	10.25	±9.6
10225 CAPL LTE-TDD (SG-FDMA, 1 RB, 10MHz, GPSK) LTE-TDD 10.2			LTE-TDO	9.21	±9.6
1923 CAM LTE-TDD (SC-FDMA, 1 FR. 10MHz, 0PSK)	-	A DESCRIPTION OF THE PROPERTY	LTE-TOD	9.48	±9,6
19238 CAG LTE-TOD (SC-FDMA, 1 PR, 15MHz, 16-QAM) LTE-TOD S. 6			LTE-TD0	10.25	±9.6
10295 CAD			LTE-TDO	9.21	±9.6
10940 CAC				9.48	#9.6
19941 CAC			LTE-TOO	10.25	±9.6
10245 CAC LTE-TDD (SC-FDMA, 50% RB, 1.4 MPL, QFSK) LTE-TDD 9.8				9.21	±9.6
10245			The second secon	9.82	±9.6
10245 CAF LTE-TDD (SC-FOMA, 50% RB, 3MHz, 6-QAM) LTE-TDD (SC-FOMA, 50% RB, 5MHz, 6-QAM) LTE-TDD (SC-FOMA, 50% RB, 10MHz, 6-PAM) LTE-TDD (SC-FOMA, 50% RB, 11MHz, 6-PAM) LTE-TDD (SC-FOMA, 50% RB, 5MHz, 6-PAM)				9.86	±9.6
10245 CAR	-	The state of the s		9.46	±9.6
10246	-	The state of the s		10.06	±9.6
10245 CAH				10.06	±9.6
10249 CAP			LTE-TD0	9.30	±9.6
10240 CAH LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK) LTE-TDD S.2				9.91	±9:6
10250 CAH				10.09	±9.6
10251 CAN				9.29	±9.6
10258 CAH				9.81	#9.6
10253 CAO				10.17	±9.6
10254 CAG				9.24	±9.6
10255 CAG				9.90	±9.6
10256 CAC				10.14	±9.6
10257 CAC				9.20	±9.6
10258 CAC			LTE-TOD	9.96	±9.6
10209 CAE				10.08	±9.6
10260 CAE				9.34	±9.6
10281 CAE				9.98	±9.6
10282 CAH LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16 GAM) LTE-TDD 9.8				9.97	±9.6
10263 CAH				9.24	±9.6
10264 CAH				9.83	±9.6
19265 CAH				10.16	±9.6
10296 CAH				9.23	±9.8
10267 CAH			The second secon	9.92	±9.6
10266 CAG				10.07	±9.6
10269 CAG				9.30	±9.6
10270 CAG			LTE-TDO	10.06	±9.6
10274				10.13	±9.6
10275 CAC UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA				9.58	±9.6
10277 CAA PHS (QPSK)				4.87	±9.6
10278 CAA				3.96	±9.6
10295 CAA				11.81	≡9.6
10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.9				11.81	±9.6
10291 AAB CDMA2000, RC3, SO36, Full Rate CDMA2000 3.4 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.5 10293 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.5 10295 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.5 10297 AAE LTE-FDD (SC-FDMA, 50%, RB, 20MHz, QPSK) LTE-FDD 5.8 10298 AAE LTE-FDD (SC-FDMA, 50%, RB, 3MHz, QPSK) LTE-FDD 5.7 10298 AAE LTE-FDD (SC-FDMA, 50%, RB, 3MHz, GPSK) LTE-FDD 6.9 10309 AAE LTE-FDD (SC-FDMA, 50%, RB, 3MHz, GPSK, PUSC) LTE-FDD 6.9 10301 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, QPSK, PUSC) WIMAX 12.6 10302 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, GPSK, PUSC) WIMAX 12.6 10303 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 12.6 10304 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10305 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10306 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10307 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10308 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX 11.86 10309 AAA IEEE 802.166 WIMAX (25:18, 5ms, 10MHz, 6QAM, PUSC) WIMAX WIMAX WIMAX WIMAX WIMAX WIMAX WIMAX WIMAX WIMAX WIM				12.18	±9.6
10282 AAB CDMA2000, RC3, SQ32, Full Rate CDMA2000 3.31 10285 AAB CDMA2000, RC3, SQ3, Full Rate CDMA2000 3.51 10285 AAB CDMA2000, RC3, SQ3, Full Rate CDMA2000 3.51 10285 AAB CDMA2000, RC3, SQ3, Full Rate Str. CDMA2000 12.45 10287 AAE LTE-FDD (SC-FDMA, SQ3, RB, 20MHz, QPSK) LTE-FDD 5.71 10288 AAE LTE-FDD (SC-FDMA, SQ3, RB, 3MHz, QPSK) LTE-FDD 5.72 10289 AAE LTE-FDD (SC-FDMA, SQ3, RB, 3MHz, GPSK) LTE-FDD 6.31 10390 AAE LTE-FDD (SC-FDMA, SQ3, RB, 3MHz, GPGMA) LTE-FDD 6.66 10301 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, QPSK, PUSC) WIMAX 12.51 10302 AAA IEEE SQ2, 166 WIMAX (21:18, 5ms, 10 MHz, GPGMA, PUSC) WIMAX 12.51 10303 AAA IEEE SQ2, 166 WIMAX (21:18, 5ms, 10 MHz, 64QAM, PUSC) WIMAX 12.51 10304 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC) WIMAX 12.51 10305 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC) WIMAX 11.86 10305 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 11.86 10305 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 11.86 10305 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 11.86 10305 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 11.86 10305 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.51 10306 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.52 10307 AAA IEEE SQ2, 166 WIMAX (25:18, 5ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.52 10308 AAA IEEE SQ2, 166 WIMAX (25:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.52 10309 AAA IEEE SQ2, 166 WIMAX (25:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.52 10309 AAA IEEE SQ2, 166 WIMAX (25:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.52 10309 AAA IEEE SQ2, 166 WIMAX (25:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 sym	-			3.91	±9.6
10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.5. 10295 AAB CDMA2000, RC3, SC3, Full Rate SFM. CDMA2000 12.45 10297 AAE LTE-FDD (SC-FDMA, SO3, RB, 20 MHz, QPSK) LTE-FDD 5.8. 10298 AAE LTE-FDD (SC-FDMA, SO3, RB, 3 MHz, QPSK) LTE-FDD 5.7. 10299 AAE LTE-FDD (SC-FDMA, SO3, RB, 3 MHz, QPSK) LTE-FDD 6.30 10300 AAE LTE-FDD (SC-FDMA, SO3, RB, 3 MHz, G-QAM) LTE-FDD 6.30 10301 AAA IEEE 802, 16e WIMAX (29:18, Sms, 10 MHz, QPSK, PUSC) WIMAX 12.60 10302 AAA IEEE 802, 16e WIMAX (29:18, Sms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) WIMAX 12.60 10303 AAA IEEE 802, 16e WIMAX (31:15, 5 ms, 10 MHz, GPSK, PUSC, 3 CTRL symbols) WIMAX 12.50 10304 AAA IEEE 802, 16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 11.88 10305 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 11.88 10306 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10307 WIMAX 15.60 WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10308 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA IEEE 802, 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.60 10309 AAA				3.46	19.6
10295 AAB CDMA2000, RG1, SD3, 1/8th Rate 25 fr. CDMA2000 12.4/10297 AAE LTE-PDD (SC-FDMA, 50%, RB, 20 MHz, QPSK) LTE-FDD 5.8/10298 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GPSK) LTE-FDD 5.7/10298 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GPSK) LTE-FDD 8.0/10090 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GF-QAM) LTE-FDD 8.0/10090 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GF-QAM) LTE-FDD 8.0/10090 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GF-QAM) LTE-FDD 8.0/10090 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GF-QAM) LTE-FDD 8.0/10090 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GF-QAM) LTE-FDD 8.0/10090 AAE LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, GF-QAM) LTE-FDD 8.0/10090 AAA IEEE 802.16e WIMAX (29.18, 5 ms, 10 MHz, GPSK, PUSC) CTRL symbols) WIMAX 12.6/10090 AAA IEEE 802.16e WIMAX (29.18, 5 ms, 10 MHz, 64QAM, PUSC) WIMAX 11.86 W			CDMA2000	3.39	±9.6
10297 AAE LTE-FDD (SC-FDMA, 50% RB, 20MPx, QPSK) LTE-FDD 5.81			THE PERSON NAMED IN COLUMN 2 I	3.50	±9.6
10298 AAE LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.73	-			12.49	±9.6
10398 AAE LTE-FDD (8C-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-FDD 6.30				5.81	±9.6
10300 AAE LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-FDD 6.86 10301 AAA IEEE 802.16e WIMAX (25:18, 5 ms, 10 MHz, QPSX, PUSC) WIMAX 12.06 10302 AAA IEEE 802.16e WIMAX (25:18, 5 ms, 10 MHz, QPSX, PUSC, 3 CTRL symbols) WIMAX 12.56 10303 AAA IEEE 802.16e WIMAX (31:16, 5 ms, 10 MHz, 64QAM, PUSC) WIMAX 12.56 10304 AAA IEEE 802.16e WIMAX (32:18, 5 ms, 10 MHz, 64QAM, PUSC) WIMAX 11.86 10305 AAA IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC) WIMAX 11.86 10305 AAA IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.24				5,72	±9.6
10301 AAA IEEE 802.166 WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC) WIMAX 12:00 10302 AAA IEEE 802.166 WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) WIMAX 12:50 10303 AAA IEEE 802.166 WIMAX (31:16, 5ms, 10 MHz, 64QAM, PUSC) WIMAX 12:50 10304 AAA IEEE 802.166 WIMAX (31:18, 10 MHz, 64QAM, PUSC) WIMAX 11:86 10:305 AAA IEEE 802.166 WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 11:86			The second policy of the second	6.39	±9.6
10302 AAA IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, QPSX, PUSC, 3 CTRL symbols) WIMAX 12.61 10303 AAA IEEE 802.16e WIMAX (31:15, 5ms, 10 MHz, 64QAM, PUSC) WIMAX 12.51 10304 AAA IEEE 802.16e WIMAX (31:15, 5ms, 10 MHz, 64QAM, PUSC) WIMAX 11.88 10305 AAA IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.24				6.60	±9.6
10303 AAA IEEE 802.16e WMAX (31:15, 5 ms, 10 MHz, 54QAM, PUSC) WMAX 12.55 10304 AAA IEEE 802.16e WMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC) WMAX 11.88 10305 AAA IEEE 802.16e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WMAX 15.24				12.03	±9.6
10304 AAA IEEE 802.16e WMAX (29:18, 5ms, 10 MHz, 64QAM, PUSC) WMAX 11.88 10305 AAA IEEE 802.16e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WMAX 15.24				12.57	±9.6
10305 AAA IEEE 802.16e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WMAX 15.24			- Control of the Cont	12.52	±9.6
10300 AAA IEEE 802:15e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WMAX 15:24	K	302.15e WMAX (29:18, 5ma, 10 MHz, 64QAM, PUSC)	151000 501	11,86	±9.6
	8	902.16e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)		15.24	±9.6
10306 AAA IEEE 802.16e WMAX (28:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols) WMAX 14.67	şĺ	102.15e WIMAX (29:15, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.57	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10307	AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAX	14,49	±9.0
10308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.46	±9.6
18309	AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	XAMW	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	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	BAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.fi
10316	BAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	IEEE B02.11a WIFI 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	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
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	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN.	8.60	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DC, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DC, Rev. A)	CDMA2000	3.77	±9.8
10408	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5,22	±9.6
10410	AAH	LTE-YOO (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf-4)	LTE-TDD	7,82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WFI 2.4 GHz (OSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 8 Mbps, 98pc duty cycle)	WLAN	8.23	±9.8
10417	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WFI 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 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15Mbps, BPSK)	WLAN	8.41	±9.6
10.43%	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	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	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FOD	8.38	±9.6
10.430	AAD	LTE-FDD (OFOMA, 18MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFOMA, 20 MHz, E-TM 3.1)	LTE-FDO	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 OPCH)	WCDMA	8.60	19.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-F0D (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, 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%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	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-DD, Rev. B, 2 carriers)	CDMA2000	6.55	19.6
10459	AAA	CDMA2000 (1xEV-DQ, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	MCDWV	2.39	±9.6
10.461	AAC	LTE-T0D (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10.462		LTE-TOO (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3.4,7,8,9)	LTE-TOD	8.30	±9.6
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.58	±9.6
10.464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10.465	AAD	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10.466	AAD	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 54 QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
0467	AAG	LTE-TDD (SC-FDMA, 1 RB; 5 MHz, QPSK, UL Subframe=2.3,4,7.8.9)	LTE-TOO	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-TOO	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sutiframe=2,3,4,7,8,9)	LTE-TDD	7,82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 15-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.32	±9.6

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10.170	Rev	Communication System Name	Group	PAR (dB)	Unc [®] k = 2
10472	AAG AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 R8, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 15 QAM, UL Subframe=2.3,4,7,8.9) LTE-TDD (SC-FDMA, 1 RB, 15MHz, 54 QAM, UL Subframe=2.3,4,7.8.9)	LTE-TDD	8.32	±9.6
10477	AAG	LTE-TDD (SC-PDMA, 1 RB, 20MHz, 16-QAM, UL Subtrama-2,3,4,7,8,9)	LTE-TOD	8.57	19.6
10478	AAG	LTE-TDD (SC-FDMA, 1 R8, 20MHz, 64-GAM, UL Subframe=2.3,4,7,6.9)	LTE-TOD	8.32	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2.3.4,7,8.9)	LTE-TOD	8.57 7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 15 QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.18	±9.5
10481	AAC	LTE-TDD (SC-FOMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	19.6
10482	CAA	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3.4.7.8.9)	LTE-TOD	7.71	19.6
10.483	AAD	LTE-TDD (SC-FDMA, 50% RB, SMHz, 16-QAM, UL Subframe=2,3,4,7,6,9)	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-TOD	B.47	19.6
10485	- AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.59	:9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDO	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9)	LTE-TD0	7.70	±9.6
10 489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.31	±9.6
10490	AAG	LTE-TDO (SC-FDMA, 50% RB, 10 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.54	±9.6
	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,6,9)	LTE-TDD	7.74	±9.6
0.492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe-2,3.4,7,8.9)	LTE-TDD	8.41	±9.8
0494	AAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.55	19.6
0.495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7,74 8,37	±9.6
0496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subtrame=2.3.4.7,8.9)	LTE-TOD	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-TDD	7.87	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe-2.3.4,7.8.9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 54-QAM, UL Subframe=2.3,4.7.8.9)	LTE-TDD	8.68	19.6
0.500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TOD	7.67	19.6
10501	AAD.	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8.52	±9.6
10:503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subhame=2,3,4,7,8,8)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TOD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2.3,4,7,6,9)	LTE-TOD	8.31	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe+2,3,4,7.8.9)	LTE-TDD	8.54	±9.8
10506	AAG	LTE-TDD (SC-FDMA, 100% R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,74	±8.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.55	±9.6
10510	AAF	LTE-TDD (SC-FOMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7:99 8:49	±9.6
10611	AAF	LTE-TDD (SC-FDMA, 190% RB. 15 MHz. 64-QAM, UL Subtrame=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-TOD	7.74	±9.6
10513	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
10514	AAG	LTE-TDD (SC-FOMA, 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 Mops, 99pc duty cycle)	WLAN	1.58	19.6
10516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/h WIFi B GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
0520	AAD	IEEE 802.11 w/h W/F 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
0522	AAD	IEEE 802.11a/h W/Fi 5 GHz (OFDM, 24 Mops, 99pc duty cycle)	WLAN	7.97	±9.6
0523	AAD	IEEE 802.11a/h WFF 5 GHz (OFDM, 36 Mbps, 95pc duty cycle) IEEE 802.11a/h WFF 5 GHz (OFDM, 48 Mbps, 95pc duty cycle)	WLAN	8.45	±9.6
0.524	AAD	IEEE 808.11ah WIFL5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
0525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.27	±9.8
10526	AAD	IEEE 802.11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802,11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
0528	AAD	IEEE 802.11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
	AAD	IEEE 802,11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±0.6
	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
0631		IEEE 802.11ac WIFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0631	AAD	The same of the sa			
0631 0632 0533	AAD	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10529 10531 10532 10533 10534	AAD AAD	IEEE 802.11ac WIFI (20MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.38 8.45	±9.6
0531 0532 0533 0534 0535	AAD AAD AAD	IEEE 802.11ac WIFI (20MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WIFI (40MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WIFI (40MHz, MCS1, 99pc duty cycle)	WLAN WLAN	8.45 8.45	±9.6
0531 0532 0533 0534 0535 0536	AAD AAD CAA	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN WLAN WLAN	8.45 8.45 8.32	19.6 19.6 19.6
0531 0532 0533 0534 0535	AAD AAD AAD	IEEE 802.11ac WIFI (20MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WIFI (40MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WIFI (40MHz, MCS1, 99pc duty cycle)	WLAN WLAN	8.45 8.45	±9.6

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10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty-cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WIFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802,11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	19.6
10545	CAA	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10548	AAD	IEEE 802.11ac WIFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WIF: (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	888
10548	AAD	IEEE 802.11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WIFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802,11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	19.6
10555	AAE	IEEE 802.11ac WIFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10556	AAE	IEEE 802,11ac WIFI (160 MHz, MCS1, 98pc duty cycle) IEEE 802,11ac WIFI (160 MHz, MCS2, 98pc duty cycle)	WLAN	8.47 8.60	±9.6
10567	AAE	IEEE 802.11ac WiFI (160 WHz, MCS3, 98pc duty cycle)	WLAN	8.52	10000
10558	AAE	IEEE 802.11ac WIFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WIF (160 MHz, MCS6, 98pc duty cycle)	WLAN	8.73	19.6
10561	AAE	IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	19.6
10562	AAE	IEEE 802.11ac WIFI (180 MHz, MCS8, 98pc duty cycle)	WLAN	8.69	19.6
10663	AAE	IEEE 802.11ac WIF (180 MHz, MCS9, 98pc duty cycle)	WLAN	8.77	19.6
10564	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pb duty cycle)	WLAN	8.25	19.6
10565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 98pc duty cycle)	WLAN	8.45	19.6
10566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 98pc duty cycle)	WLAN	8.00	±9.0
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	19.6
10069	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	19.6
10572	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1,98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle).	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mops, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duly cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN.	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WIF: 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (OSSS-OFDM, 54 Mbps, 80pc duty cycle)	WLAN	8.67	29.6
10583	AAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAD	IEEE 902.11a/n WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	19.6
10586	AAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	5.49	±9.6
10587	AAD	IEEE 802.11ah WFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±8.6
10588	AAD	IEEE 802:11a/h WFi 5 GHz (OFOM, 36 Mbps, 30pc duty cycle)	WLAN.	8.76	≥9.6
10590	AAD	IEEE 802.11a/h WIFI S GHz (OFOM, 48 Mbps, 90pc duty cycle) IEEE 802.11a/h WIFI S GHz (OFOM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	19.8
18591	AAD	IEEE 802:11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.67	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.63	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.79	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8,64	19.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	77.000	8.74	#9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8.74 8.71	±9.0
10597	AAD	IEEE 802 11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	19.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MGS1, 90pc duty cycle)	WLAN	8.88	19.6
10801	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	9.82	19.6
10802	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	19.6
10603	AAD	IEEE 802 11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10808	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAD	IEEE 802 11ac WIFI (20 MHz, MCS0, Ripe duty cycle)	WLAN	B.64	±9.5
10608	AAD	IEEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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10609	AAD	IEEE 802.11ac WIFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.87	±9.6
0610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
0611	AAD	IEEE 802.11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0812	AAD	IEEE 802.11ac WiFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.0
0813	AAD	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.94	±9.0
0814	AAD	IEEE 802:11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
0815	AAD	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	19.6
0617	AAD	IEEE 802,11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	19.6
10818	AAD	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAD	IEEE 802.11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10820	AAD	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle).	WLAN	8.87	±9.6
10821	AAD	IEEE 802.11ac WIFI (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10822	AAD	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.0
10623	AAD	IEEE 802.11ac WiF (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	19.6
0624	AAD	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0625	AAO	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0828	CAA	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	19.6
0628	AAD	IEEE 802.11ac WIFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
0629	AAD	IEEE 802 11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0830	AAD	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.0
0631	AAD	IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
0.635	AAD	IEEE 802.11ac WiFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9.6
0833	AAD	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
0634	AAD	IEEE 802.11ac WIF (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
0.635	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	19.6
0.636	AAE	IEEE 802.11ac WIFI (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0637	AAE	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0.638	AAE	IEEE 802.11sc W/A (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0.638	AAE	IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8,85	±9.5
0540	AAE	IEEE 802.11ac WIFI (180 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
0641	AAE	IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.08	±9.6
10642	AAE	IEEE 802 11ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
0.643	AAE	IEEE 802:11ac WIFI (169 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10:644	AAE	IEEE 802 11ac WIFI (180 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
0645	AAE	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
0646	AAH	LTE-TOD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE TDD	11.98	±9.6
0.647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	±9.6
0.648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	29.6
0.652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	29.5
0.653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Olipping 44%)	LTE-TOD	7.42	±9.6
0654	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Olipping 44%)	LTE-TOD	6.96	±9.6
0655	AAF	LTE-TOD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	49.6
0.658	AAB	Polse Waveform (200Hz, 10%)	Test	10.00	±9.6
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 Waveform (200Hz, 60%)	Test	2.22	±9.6
0662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	19.6
0670	AAA	Bluetooth Low Energy	Bluetcoth	2.19	±9.6
0671	AAC:	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
0672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
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	±9.6
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
0676	AAC	IEEE 902.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0677	AAC	IEEE 902.11 ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	0.73	±9.5
0678	AAC	IEEE 902.11ax (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
0680	AAC	IEEE 802.11ax (20MHz, 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	±9.6
0683	AAC	IEEE 802.11ax (20 MHz, MCS0, 96pc duty cycle)	WLAN	8.42	±9.6
0684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
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0685	AAC	IEEE 802.11 ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6

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0687	AAC	IEEE 802.11ax (20 MHz, MGS4; 99pc duty cycle)	WLAN	8.45	19.6
0688	AAC	IEEE 802.11ax (20 MHz, MGSS, 99pc duty cycle)	WLAN	8.29	£9.6
0883	AAC	IEEE 802.11ax (20 MHz, MC56, 99pc duty cycle)	WLAN	8.55	±9.6
0890	AAC	IEEE 802.11ax (20 MHz, MGS7, 99pc duty cycle)	WLAN	8.29	±9.6
0891	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WEAN	8.25	±9.0
0.692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
0.683	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0.694	AAC	IEEE 802.11ax (20 MHz, MC511, 99pc duty cycle)	WLAN	8.57	±9.6
0695	AAG	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
0696	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
0.688	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
0.699	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, 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	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
0.708	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	8.55	±9.6
0709	AAG	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8,33	±9.0
0710	AAG	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	19.6
0711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
0712	AAC	IEEE 802 11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	±9.6
0713	AAC	EEE 802.11ax (48 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 1 fax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.30	±9.6
0717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±8.6
0718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
0719	AAC	IEEE BOX 11ax (B0 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	#9.6
0720	AAC	IEEE 602.11ax (80 MHz, MCS1, SGpc duty cycle)	WLAN	8.87	±9.6
0721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
0722	AAC	IEEE 802.11ax (80 MHz, MC83, 90pc duty cycle)	WLAN	8.55	±9.6
0723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0724	AAC	IEEE 802.11ex (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	
0725	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.74	±9.6
0726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
0727	AAC	IEEE 802 11ax (80 MHz, MCS8, 90pc duty cycle)			±9.6
0728	AAC	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	19.6
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.64	±9,6
0731	AAC.		WLAN	8.67	19.6
0732	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
0733	AAC		WLAN	8.46	:9.6
0734	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
0734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
7736		IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WLAN	8.27	±9.6
0737	AAC	IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WEAN	8.38	±9.6
0738	AAC	IEEE 802 11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
0739	WC	IEEE 802 11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
740	AAC	IEEE 802 11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	5.48	±9.6
3741	AAC	IEEE 802.11ax (80 MHz, MGS10, 90pc duty cycle)	WLAN	8.40	±9.6
742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
1743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.0
0744	AAC	IEEE 802 Flax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.90	±9.6
746	AAC	IEEE 802.11ax (160 MHz, MGS3, 90pc duty cycle)	WLAN	9.11	±9.6
0747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	19.6
0748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.83	19.6
749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
1760	AAC	IEEE 802.11ax (190 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	29.6
0750					
0751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6

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10753	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 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	B.64	±9.6
0756	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
0758	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
0760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8,49	±9.6
10761	AAC	IEEE 802,11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WEAN	8.49	±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)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10.788	AAD	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WEAN	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	50 NR FR1 TDD	7.99	±9.6
10768	AAE	5G NR (CP-OFDM, 1 R8, 10 MHz, QPSK, 15 kHz)	5G NR FRI TDD	8.01	±9.6
0769	AAD	50 NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.02	19.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FRI TDD	8.23	±9.6
10773	AAF	50 NR (CP-0F0M, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,02	±9.6
10775	AAF	5G NR (CP-OFOM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAE	50 NR (CP-OFOM, 50% RB, 10 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	50 NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
0778	AAE	50 NR (CP-0F0M, 50% RB, 20 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8,34	±9.6
10.779	AAC	SG NR (CP-DFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAE	50 NR (CP-0F0M, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9:6
10.781	AAF.	5G NR (CP-OFOM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
0782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.43	±9.8
0783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15NHz)	5G NR FR1 TDD	8.40	±8.6
10786	AAE	5G NR (CP-QFDM, 100% R8, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	50 NR FR1 TDD	8.44	±9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDO	8.39	±9.6
10.789	AAF	SG NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 YOU	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 T00	8.39	±9.6
10791	AAG.	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	7.83	±9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 36 kHz)	5G NR FR1 TOD	7.92	19.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TD0	7.95	±9.6
10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.84	±9.6
0.796	AAE	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	19.6
10799	AAF	5G NR (CP-OFDM, 1 AB, 60 MHz, QPSK, 38 kHz)	5G NR FR1 TDD	7.93	:9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
0.802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
6803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0.805	AAE	5G NR (CP-DFDM, 50% R8, 10MHz, QPSK, 30kHz)	50 NR FR1 T00	8.34	±9.6
0.806	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30kHz)	SG NR FR1 TOD	8.37	±9.6
0.809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8:34	±9.6
0810	AAF	5G NR (CP-OFOM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0812	AAF	SG NR (CP-OFOM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
0817	AAG	SG NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.95	±9.0
0818	AAE	5G NR (CP-OFOM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.34	19.6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.33	±9.6
0820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.30	±9.6
0821	AAD	50 NR (CP-OFOM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	B.41	±9.6
0822	AAE	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.41	±9.6
0823	AAF	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.30	±9.6
0824	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.39	±9.6
0825	AAF	5G NR (CP-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TOO	B.41	#9.6
	AAF	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.42	28.6
0827	Wat.				

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10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.40	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.63	±9.6
10831	GAA	SG NR (CP-OFDM, 1 RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.73	±9.6
0832	AAE	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	SG NR (CP-OFDM, 1 RB, 25MHz, QPSK, 80kHz)	5G NR FR1 TDD	7.70	±9.6
0B34	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
0835	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0836	AAE	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
0837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.68	±9.6
0839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	19.6
0840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
8841	AAF	5G NR (CP-OFOM, 1 RB, 100 MHz, QPSK, 50 kHz)	5G NR FR1 TDD	7.71	±9.6
0B43	AAD	5G NR (CP-OFOM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	5.49	±9.6
0844	AAE	5G NR (CP-OFOM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0846	AAE	5G NR (CP-OFOM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0855	AAD	5G NR (CP-OFOM, 100% RB, 15 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.36	±9.6
0.856	AAE	5G NR (CP-OFOM, 100% RB, 20 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	±9.6
0857	AAD	SG NR (CP-OFOM, 100% RB, 25 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.35	±9.6
0.858	AAE	5G NR (CP-OFOM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
0859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±8.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
0963	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	50 NR FR1 TOO	8.41	±9.6
0866	AAF	5G NR (DFT-e-OFOM, 1 RB, 100 MHz, QPSK, 30 kHz)	53 NR FR1 TDD	5.68	±9.6
0868	AAF	5G NR (DFTs-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	58 NR FR1 T00	5.89	±9.6
0889	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
0870	AAE	5G NR (DFTs-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.88	±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, 100MHz, 16QAM, 120kHz)	5G NR FR2 TDD	6.52	±9.6
0873	AAE	5G NR (DFT-e-OFDM, 1 RB, 100 MHz, 84QAM, 120 kHz)	5G NR FRETOD	5.61	±9.5
0874	AAE	5G NR (DFTs-OFDM, 100% RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TOD	6.65	±9.6
0875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.76	±9.4
0876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
0877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
0.878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
8879	AAE	5G NR (CP-OF0M, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
0880	AAE	5G NR (CP-OFOM, 100% RB, 100 MHz, 64QAM, 128 kHz)	5G NR FR2 TDD	8.38	±9.6
0881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.75	±9.6
0882	AAE	5G NR (DFT-e-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.96	±9.6
0883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDD	6.57	±9.0
0884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50MHz, 16QAM, 120kHz)	SG NR FR2 TDD	6.53	±9.0
0885	AAE	SG NR (DFT-s-OFDM, 1 RB, 50MHz, 64QAM, 120kHz)	5G NR FR2 TDD	6.61	±9.6
0888	AAE	SG NR (DFT-a-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	SG NR FR2 TOD	6.65	19.6
0.887	AAE	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NA FR2 TDD	7.78	19.6
0888	AAE	6G NR (CP-OFOM, 100% RB, 50 MHz, QPSK, 120 MHz)	5G NR FR2 TDD	8.35	±9.6
0889	AAE	SG NR (CP-OFOM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
0890	AAE	5G NR (CP-OFOM, 100% RB, 50 MHz, 15QAM, 120 kHz)	5G NA FR2 TDD	8.40	19.6
0891	AAE	50 NR (CP-OFOM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
0892	AAE	5G NR (CP-OFOM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
0897	AAC	SG NR (DFT-e-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.88	±8.6
0898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
0999	AAC	6G NR (DFT+ OFDM, 1 RB, 15MHz, OPSK, 30MHz)	5G NR FR1 TDD	5.67	19.6
0900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0902	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
	AAC	SG NR (DFTs-OFDM, 1 R8, 50MHz, QPSK, 30KHz)	5G NR FR1 TDD	5.68	±9.6
0904 0905	AAD	5G NR (DF1s-OFDM, 1 R8, 50MHz, QPSK, 30kHz) 5G NR (DFTs-OFDM, 1 R8, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.88	±9.6
_	70.00	the second of th	SG NR FRI TOD	5.68	±9,6
0906	AAD	5G NR (DFT-s-OFDM, 1 RB; 80MHz, QPSK, 30kHz)	SG NR FR1 TOO	5.68	±9.6
0907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30MHz)	5G NR FR1 TOO	5.78	19.6
9908	1000	5G NR (DFT-e-OFDM, 50%, RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TOO	5.93	19.6
0909	AAB	SG NR (DFT+s-OFDM, 50% RB, 15 MHz, QPSK, 36 kHz)	SG NA FRI TOO	5.96	±9.6
0910	AAC	50 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	5.83	±9.6

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10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAC	5G NR (DFT-6-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10514	AAC	5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.0
10915	AAD	5G NR (DFFs-OFDM, 50% RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.8
1091£	AAD	SG NR (DFTs-GFDM, 50% RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.87	±9.6
10917	AAD	5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.94	±9.6
10918	AAE	5G NR (DFT+-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.86	±9.8
10919	AAC	5G NR (DFT-e-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (OFT s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10821	AAC:	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	53 NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-6-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (OFT s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
0926	AAD	5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
0928	AAD	SG NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	50 NR FR1 FDD	5.52	±9.6
0929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
0.830	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
0931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0932	AAC	SG NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0935	AAD:	SG NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0936	AAD	5G NR (DFT-s-OFDM, 50%-RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
0937	AAD	SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
0838	AAC	5G 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)	5G NR FR1 FDD	5.82	±9.6
0940	AAC	5G NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
0941	AAC.	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.4
0942	AAC	SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.96	±9.6
0944	AAD	SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
0945	AAD	5G NR (DFTs-QFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0946	AAC	5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NA FR1 FDD	5.83	19.6
0947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±9.6
0.948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
0.949	AAC	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15kHz)	5G NA FR1 FDD	5.87	±9.6
0960	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.94	±9.6
0951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.92	±9.6
0952	AAA	50 NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	±9.6
0953	AAA	9G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.15	±9.6
0954	AAA	5G NR DL (CP-OFDM, TM 2.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.23	±9.6
0955.	AAA	5G NR DL (CP-DFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	50 NR FR1 FDD	8.42	±9.6
0958	AAA	5G NR DL (CP-DFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	B.14	±9.6
0957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 KHz)	5G NR FR1 FDD	8.31	±9.6
0958	AAA	9G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	SQ NR FR1 FDD	0.61	±9.6
0959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.33	±9.6
0960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 54-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
0961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	9.36	±9.6
0962	AAB	50 NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.40	±9.6
0963	AAC	SG NR DL (CP-DFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FRI TDD	9.55	±9.6
0964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 38 kHz)	SG NR FR1 TDD	9.29	±9.6
0965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
0968	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 30 kHz)	SQ NR FR1 TDD	9.55	±8.6
0967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64 QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
0968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100MHz, 64-QAM, 30kHz)	5G NR FRI TDD	9.49	±9.6
0972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)	SG NR FR1 TDD	11.58	±9.6
0973	AAD	5G NR (DFT-e-OFDM, 1 AB, 100 MHz, QPSK, 30 kHz)	5G NA FRI TOD	9.06	±9.6
0974	AAD	5G NR (CP-DFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	50 NA FRI TOD	10.28	±9.6
0978	AAA	ULLA BDA	ULLA	1.16	±9.6
0975	AAA	ULLA HDR4	ULLA	8.58	±9.6
0980	AAA	ULLA HDR8	ULLA	10.32	±9.8
1990	AAA	ULLA HDRp4	ULLA	3.19	±9.6
0.885	AAA	ULLA HDRp8	ULLA	3.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unch k = 2
10:953	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 84-QAM, 15kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 15 kHz)	SG NR FR1 TDD	9.42	±9.6
10 885	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	SG NR DL (CP-OFDM, TM 3.1, S0 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	19.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	19.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 YDO	9.38	±9.0
10889	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOO	9.33	±9.0
10990	AAB	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-OFOM, TM 3.1, 30 MHz, 84-QAM, 15 kHz)	99 NR FR1 TDO	10.24	19.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TD0	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 84-QAM, 15 kHz)	5G NR FR1 FD0	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 84-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM S.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	19.8
11010	AAA	5G NR.Dt. (CP-OFDM, TM 3.1, 30 MHz, 84-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	±8.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	(EEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	19.6
11014	AAB	IEEE 802 11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8,41	±9.6
11018	AAB	IEEE 902.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	19.6
11019	AAB	IEEE 802,11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9,6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	19.0
11021	AAB	IEEE 802.11be (320 MHz, MCSB, 98pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.0
11024	AAB	(EEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 98pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	69.6

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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Appendix E. - Dipole Calibration Data

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





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

Accreditation No.: SCS 0108

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Multilateral Agreement for the recognition of calibration certificates HCT

Certificate No. D6.5GHzV2-1012 Sep23

Client Gyeonogi-do, Republic of Korea CALIBRATION CERTIFICATE Object D6.5GHzV2 - SN:1012 Calibration procedure(s) QA CAL-22.v7 Calibration Procedure for SAR Validation Sources between 3-10 GHz Calibration date: September 21, 2023 This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The messurements and the uncertainties with confidence probability are given on the following pages and are part of the cartificate. 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 sensor R&S NRP33T SN: 100967 03-Apr-23 (No. 217-03806) Apr-24 Reference 20 dB Attenuator SN: BH9394 (20k) 30-Mar-23 (No. 217-03809) Mar-24 Mismatch combination SN: 84224 / 360D 03-Apr-23 (No. 217-03812) Apr-24 Reference Probe EX3DV4 SN: 7405 12-Jun-23 (No. EX3-7405_Jun23) Jun-24 DAE4 SN: 908 03-Jul-23 (No. DAE4-908_Jul23) Jul-24 Secondary Standards ID # Check Date (In house) Scheduled Check RF generator Anapico APSIN20G SN: 827 18-Dec-18 (in house check Dec-21) In house check: Dec-23 Power sensor NRP-Z23 SN: 100169 10-Jan-19 (in house check Nov-22) In house check: Nov-23 Power sensor NRP-18T SN: 100950 28-Sep-22 (in house check Nov-22) in house check: Nov-23 Network Analyzar Keysight E5983A SN:MY54504221 31-Oct-19 (in house check Oct-22) In house check: Oct-25 Function Calibrated by: Jeton Kasman Laboratory Technicum Approved by: Sven-Kühn Technical Manager This calibration certificate shall not be reproduced except in full without written approval of the laboratory. Certificate No: D8.5GHzV2-1012_Sep23 Page 1 of 6

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Glossary:

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

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.

Additional Documentation:

b) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the
 certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed point
 exactly below the center marking of the flat phantom section, with the arms oriented parallel to the
 body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole positioned under the liquid filled phantom. The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- . SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.
- The absorbed power density (APD): The absorbed power density is evaluated according to Samaras T, Christ A, Kuster N, "Compliance assessment of the epithelial or absorbed power density above 6 GHz using SAR measurement systems", Bioelectromagnetics, 2021 (submitted). The additional evaluation uncertainty of 0.55 dB (rectangular distribution) is considered.

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

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Measurement Conditions

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

DASY Version	DASY6	V16.2
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	5 mm	with Spacer
Zoom Scan Resolution	dx, dy = 3.4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	6500 MHz ± 1 MHz	
T 2 Substantial L	Sever mile 4 3 Miles	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	34,5	6.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	33.3 ± 6 %	6.09 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		_

SAR result with Head TSL

SAR averaged over 1 cm3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	29.4 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	292 W/kg ± 24.7 % (k=2)

SAR averaged over 8 cm ¹ (8 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.63 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	65.7 W/kg ± 24.4 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	5.43 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	53.8 W/kg ± 24.4 % (k=2)



Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	52.3 Ω - 8.4 jΩ	
Return Loss	- 21.5 dB	

APD (Absorbed Power Density)

APD averaged over 1 cm ²	Condition	
APD measured	100 mW input power	291 W/m ²
APD messured	normalized to 1W	2910 W/m2 ± 29.2 % (k=2)

APD averaged over 4 cm ²	condition	
APD measured	100 mW input power	133 W/m²
APD measured	normalized to 1W	1330 W/m ² ± 28.9 % (k=2)

[&]quot;The reported APD values have been derived using the psSAR1g and psSAR8g.

General Antenna Parameters and Design

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

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

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

Additional EUT Data

Manufactured by	SPEAG

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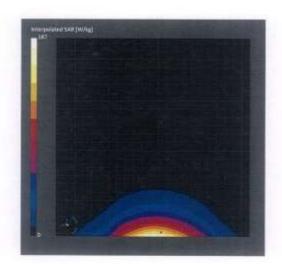
DASY6 Validation Report for Head TSL

Device under Test Properties

Measurement Report for D6.5GHz-1012, UID 0 -, Channel 6500 (6500.0MHz)

Name, Manuf	acturer D	imensions	[mm]	IMEI	DUTTY	pe	
D6.5GHz	1	0.0 x 10.0	× 10.0	SN: 1012			
Exposure Cond	ditions						
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	T5L Cond. [5/m]	TSL Permittivity
Flat, HSL	5.00	Band	CW,	6500	5,50	6.09	33.3

Hardware Setup Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center - 1182	HBBL600-10000V6	EX3DV4 - SN7405, 2023-06-12	DAE4 Sn908, 2023-07-03
Scan Setup		Measurement Results	
	Zoom Scan		Zoom Scan
Grid Extents (mm)	22.0 x 22.0 x 22.0	Date	2023-09-21, 13:10
Grid Steps [mm]	3.4 x 3.4 x 1.4	psSAR1g [W/Kg]	29.4
Sensor Surface [mm]	1.4	psSAR8g [W/Kg]	6.63
Graded Grid	Yes	psSAR10g [W/Kg]	5.43
Grading Ratio	1.4	Power Drift [dB]	-0.02
MAIA	N/A	Power Scaling	Disabled
Surface Detection	VMS + 6p	Scaling Factor [dB]	
Scan Method	Measured	TSL Correction	No correction
		M2/M1 [%]	55.7
		Dist 3dB Peak [mm]	4.7

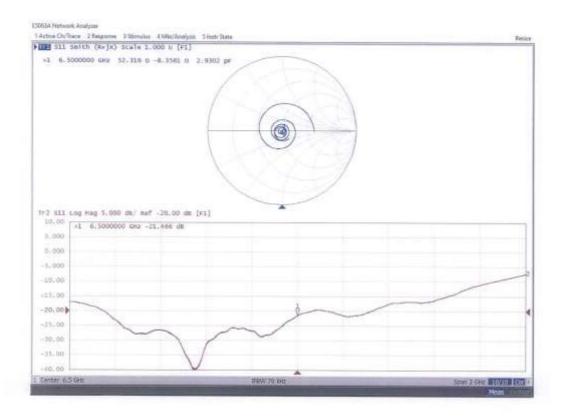


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Impedance Measurement Plot for Head TSL



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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

HCT

Gyeonggi-do, Republic of Korea

Certificate No. 5G-Veri10-1018 Apr24

CALIBRATION CERTIFICATE Object 5G Verification Source 10 GHz - SN: 1018 Calibration procedure(s) QA CAL-45.v5 Calibration procedure for sources in air above 6 GHz Calibration date: April 17, 2024 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 Reference Probe EUmmWV3 SN: 9374 04-Dec-23 (No. Et/mm-9374 Dec23) Dec-24 DAE4ip SN: 1802 08-Nov-23 (No. DAE4ip-1602_Nov23) Nov-24 Secondary Standards 10.# Check Date (in house) Scheduled Check FIF generator RAS SMF100A SN: 100184 29-Nov-23 (in house check Nov-23) In house check: Nov-24 Power sensor R&S NRP185-10 SN: 101258 29-Nov-23 (in house check Nov-23) In house check: Nov-24 Network Analyzer Keysight E5063A SN: MY54504221 31-Oct-19 (in house check Oct-22) In house check: Oct-25 겡 재 Name Function Calibrated by: Lot Klysner Laboratory Technician Approved by: Sven Künn Technical Manager Issued: April 20, 2024 This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: 5G-Veri10-1018_Apr24

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Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
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Glossary

CW

Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

Methods Applied and Interpretation of Parameters

- Coordinate System: z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- Measurement Conditions: (1) 10 GHz: The radiated power is the forward power to the horn
 antenna minus ohmic and mismatch loss. The forward power is measured prior and after
 the measurement with a power sensor. During the measurements, the horn is directly
 connected to the cable and the antenna ohmic and mismatch losses are determined by farfield measurements. (2) 30, 45, 60 and 90 GHz. The verification sources are switched on for
 at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize
 reflections.
- Hom Positioning: The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUmmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- E- field distribution: E field is measured in two x-y-plane (10mm, 10mm + λ/4) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-fieldmaxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- Field polarization: Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

Calibrated Quantity

 Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

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

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Measurement Conditions

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

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
Number of measured planes	2 (10mm, 10mm + \lambda/4)	
Frequency	10 GHz ± 10 MHz	

Calibration Parameters, 10 GHz

Circular Averaging

	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Avg (osP0m+, psi (W	Uncertainty (k = 2)	
				1 cm ²	4 cm ²	
10 mm	93.3	154	1.27 dB	61.4	57.0	1.28 dB

Distance Horn Aperture to Measured Plane	Prad ^f (mW)	Max E-field (V/m)	Uncertainty (k = 2)		(k = 2) psPDn+, psPDtot+, psPDmod+		Uncertainty (k = 2)
			1 cm²	4 cm ²			
10 mm	93.3	154	1.27 dB	61.0, 61.5, 61.7	56.5, 57.1, 57.3	1.28 dB	

Square Averaging

	Prad' (mW)	Max E-field (V/m)	(k = 2)	Avg Pow Avg (paPth+, ps (W	Uncertainty (k = 2)	
				1 cm ²	4 cm ²	
10 mm	93.3	154	1.27 dB	61.4	56.9	1.28 dB

Distance Horn Prad® Aperture to (mW) Measured Plane	100000000000000000000000000000000000000	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m²)		Uncertainty (k = 2)
			1 cm²	4 cm ²		
10 mm	93.3	154	1.27 dB	61.0, 61.5, 61.7	56.4, 57.0, 57.2	1.28 dB

Max Power Density

Distance Hom Aperture to Measured Plane	Prad¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Max Power Density Sn, Stot, Stot (W/m²)	Uncertainty (k = 2)
10 mm	93.3	154	1.27 dB	62.6, 63.1, 63.3	1.28 dB

Assessed ohmic and mismatch loss plus numerical offset; 0,30 dB

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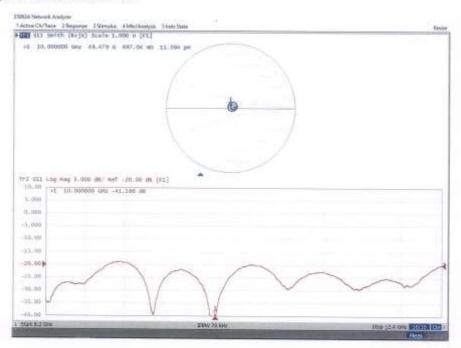


Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	$49.5 \Omega + 0.70 j\Omega$	
Return Loss	- 41.2 dB	

Impedance Measurement Plot



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Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro					
Name, Manufacturer	Dimensions (mm		IMEL	DUT Type	
5G Verification Source 10 G	Hz 100.0 x 100.0 x 1	172.0	SN: 1018	The state of	
Exposure Conditions					
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	30.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup					
Phantom:	Medium		Probe, Calibr	ration Date	DAE, Calibration Date
mmWeve Phantom - 1002	Air		EUmmWV3 - 2023-12-04	5N9374_F1-55GHz,	DAE4lp Sn1602, 2023-11-08
Scan Setup				nent Results	
		9G S			5G Scar
Sensor Surface (mm)			0.0 Oste	0.02	2024-04-17, 09:50
MAIA		MAIA not us	Comment of the Commen	COR-1	3.00
			Avg. Type	1.0	Circular Averaging
			psPDtot+ [V		61.3
			psPDmod+		61.3
			Max(Sn) IV		62.6
			Max(Stot) [63.1
			Max(Stot	1 (W/m²)	63:
			Emax [V/m]		154
			Power Drift	: [dB]	-0.00



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Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro	perties				
Name, Manufacturer	Dimensions [mm]		IMEI DUT Typ		
5G Verification Source 10 Gi	Hz 100.0 x 100.0 x 1	72.0	SN: 1018		
Exposure Conditions					
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
56 -	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup					
Phantom	Medium		Prob	e, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	Air			mWV3 - 5N9374_F1-55GHz, -12-04	DAE4ip Sri1602, 2023-11-08
Scan Setup		nasa.		surement Results	
		5G S			5G Scar
Sensor Surface [mm]			0.0 Dat		2024-04-17, 09:50
MAIA		MAIA not ur		. Aree (cm²)	4.00
				; Type Dn+ (W/m²)	Circular Averaging
				Otot+ [W/m ¹]	56.5 57.1
				Dmod+ (W/m ¹)	57.1
				x(Sn) (W/m²)	62.6
				kiStoti (W/m ⁻)	63.1
				x[[Stot])(W/m ²]	63.1
				DV/mil	154
			Perce	ver Dvih (dB)	-0.00



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Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties Dimensions [mm] Name, Manufacturer Dimensions [mm] 5G Verification Source 10 GHz 100.0 x 100.0 x 172.0 INSE **DUT Type** 5N: 1018 Exposure Conditions Position, Test Distance Band Group, Frequency [MHz], Channel Number [mm] Validation band CW 55 -10.0 mm

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	. Air.	EUmmWV3 - 5N9374_F1-55GHz, 2023-12-04	DAE4ip Sn1602, 2023-11-08

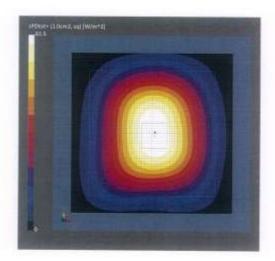
Scan Setup	
	5G Scan
Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results 5G Scan Oste Avg. Area [cm²] Avg. Type µPDv+ [W/m²] µsPDvot+ [W/m²] Max[Sn] [W/m²] Max[Stot] [W/m²] Max[Stot] [W/m²] Max[Stot] [W/m²] 1.00 Square Averaging 61.0 61.5 62.6 63.1 63.3 154 E_{max} [V/m] Fower Drift [d6] -0.00

10000.0, 10000

Conversion Factor

1.0



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Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro	The second second second				
Name, Manufacturer Dimensions [mm			IMEI	DUT Type	
SG Verification Source 10 G	Hz 100.0 x 100.0 x 1	172.0	SN: 1018	4	
Exposure Conditions					
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	cw	10000.0, 10000	1.0
Hardware Setup					
Phantom	Medium		Probe, Calibr	ation Date	DAE, Calibration Date
mmWaye Phantom - 1002	Air		1-2012/06/2011/06	SN9374_F1-55GHz,	DAE4ip 5n1602, 2023-11-08
Scan Setup			Measurem	ent Results	
		SG 56	20		5G Scar
Sensor Surface [mm]			0.0 Date		2024-04-17, 09:50
MAIA		MAIA not us	A STATE OF THE PARTY OF THE PAR	m ² [4.00
			Avg. Type		Square Averaging
			psPDn+ [W)		56.4
			psPDtut+ [V		57.0
			psP0mod+		57.2
			Max(Sn) [W		62.6
			Max(Stot) [63.1
			Max([Stot]) Enu [V/m]	[W/m [*]]	63.3 154



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