

Appendix F. – Probe Calibration Data

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Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

ilac MRA



S Schweizerischer Kalibrierdienst
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Accreditation No.: SCS 0108

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Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7370_Aug23

CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7370

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

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date August 24, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1018	20-Oct-22 (OCP-DAK12-1916 Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-680, Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3813, Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power mater E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	5N: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Calibrated by Sven Kühin Laboratory Technician

Approved by Sven Kühin Technical Manager S

Issued: August 25, 2023

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

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Glossary

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

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

Polarization φ φ rotation around probe axis

Potarization 8 8 rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., 8 = 0 is

normal to probe axis

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz; R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z, Bx,y,z, Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of
 power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum
 calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- . Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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Parameters of Probe: EX3DV4 - SN:7370

Basic Calibration Parameters

HATIN	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) ^A	0,45	0,49	0.42	±10,1%
DCP (mV) B	97.0	108.4	98,5	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	159.4	±3.3%	±4.7%
		Y	0.00	0.00	1.00		157.2		
		Z	0.00	0.00	1.00		169.9		
10352	Pulse Waveform (200Hz, 10%)	X	2.59	65.69	10.04	10.00	60.0	±3.0%	±9.6%
		Y	2.59	65.66	9.76		60.0		
		Z	3.65	69.74	11.98		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	2.17	66.62	9.58	6:99	80.0	±2.0%	±9.6%
		Y	1.26	83.29	7.67		80.0		
		Z	9.57	79.88	14.21		80.0	f	
10354	Pulse Waveform (200Hz, 40%)	X	20.00	83.68	13.69	3.98	95.0	±1.4%	+9.6%
	0 0 0	Y	0.42	60.34	5,10		95.0		
		Z	20.00	86.65	14.86		95.0	ĺ	
10355	Pulse Waveform (200Hz, 60%)	X	20.00	86.29	13.93	2.22	120.0	±1.2%	±9.69
		Y	0.23	60.00	3.76		120.0		12000
		Z	20,00	87.77	14.30		120.0		
10387	QPSK Waveform, 1 MHz	X	1,94	69.75	17.07	1.00	150.0	±3.0%	±9,69
		Y	1.51	67.63	14.85	150.0	40000	2500	
		Z	1.65	67.19	15.31		150.0	1	
10388	QPSK Waveform, 10 MHz	X	2.56	71.05	17.60	0.00	150.0	±0.9%	±9.69
		Y	2.00	67.93	15.58	2.500.000	150.0	-T1601	2000
		Z.	2.18	68.23	15.98		150.0	1	
10396	64-QAM Waveform, 100 kHz	X	2.41	68.43	18.51	3.01	150.0	±1.7%	±9.6%
		Y	2.40	69.00	18.05		150.0		
		Z	2.17	67.49	18.56		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.64	88.05	16.54	0.00	150.0	±1.8%	±9.6%
		Y	3,34	87.14	15.68	1111111111111	150.0	11/1/2007	1.560170
		Z	3.47	67.12	15.88		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.87	65.93	15.92	0.00	150.0	±3.7%	±9.6%
		Y	4,60	65.84	15.53	17.000	150.0	223000	1120000
		2	4.77	65.64	15.63		150.0		

Note: For details on UID parameters see Appendix

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

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A The snoestainties of Norm X,Y,Z do not affect the E^E-field uncertainty inside TSL (see Pages 5 and 6).

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



EX3DV4 - SN:7370

August 24, 2023

Parameters of Probe: EX3DV4 - SN:7370

Sensor Model Parameters

	C1 IF	C2 fF	α V ⁻¹	T1 msV⁻ [≵]	T2 ms V ⁻¹	T3 ms	T4 V-2	T5 V-1	Т6
×	42.6	321.74	36,53	11,35	0.00	5.00	0.00	0.31	1.01
y	30.5	221.03	33.80	3.65	0.00	5.02	0.84	0.15	1,01
Z	38.3	289.50	36.43	7.26	0.00	5.02	0.00	0,17	1,01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-83.8°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1,4 mm

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



August 24, 2023 EX3DV4 - SN:7370

Parameters of Probe: EX3DV4 - SN:7370

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity [#] (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	10.38	10.38	10.38	0.51	0.80	±12.0%
835	41.5	0.90	10.01	10.01	10.01	0.44	0.80	±12.0%
900	41.5	0.97	9.77	9.77	9.77	0.46	0.82	±12.0%
1750	40.1	1,37	8.66	8.66	8.66	0.29	0.90	±12.0%
1900	40.0	1.40	8.29	8.29	8.29	0.25	0.90	±12.0%
2450	39.2	1.80	7.71	7,71	7.71	0.31	0.86	±12.0%
2600	39.0	1.96	7.57	7.57	7.57	0.30	0.86	±12.0%
3300	38.2	2.71	6.85	6.85	6.85	0.30	1.35	±14.0%
3500	37.9	2.91	6.78	6.78	6.78	0.40	1.35	±14.0%
3700	37.7	3.12	6,80	6.80	6.80	0.40	5.40	±14.0%
3900	37.5	3,32	6.35	6.35	6.35	0.35	1.50	±14.0%
4100	37.2	3,53	6.29	6,29	6.29	0.35	1,50	±14.0%
4400	36.9	3,84	6.03	6.03	6.03	0,40	1.60	±14.0%
4600	36.7	4.04	6,00	6.00	6.00	0.35	1.70	±14.0%
4800	36.4	4.25	5.99	5.99	5.99	0.40	1.80	±14.0%
4950	36.3	4.40	5.75	5.75	5.75	0.40	1.80	±14.0%
5250	35.9	4.71	5.24	5.24	5.24	0.40	1.80	±14.0%
5600	35.5	5.07	4.63	4.63	4.63	0.40	1,80	±14.0%
5750	35.4	5.22	4.81	4,81	4,81	0.40	1.80	±14.0%
5800	35,3	5.27	4.76	4.76	4,76	0.40	1.80	±14.0%

C. Frequency wildity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF seasesements at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 5 MHz is ±-19 MHz, and ConvF assessed at 13 MHz is ±-19 MHz. Above 5 GHz frequency validity can be extended in ±10 MHz.

The problems are calibrated using fisher semi-lating fighting (RL); that deviations for only less than ±5% from the target values (typically before than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 3 - 8 GHz.

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



EX3EV4 - SN:7370

August 24, 2023

Parameters of Probe: EX3DV4 - SN:7370

Calibration Parameter Determined in Head Tissue Simulating Media

† (MHz) [□]	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	5.60	5,60	5.60	0.20	2.50	±18.6%

[©] Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the Corn/F uncertainty at cellbration frequency and the uncertainty for the indicated frequency band.

F The probes are calibrated using fissue simulating figures (TSL) that deviate for ε and ε by less than ±10% from the target values hypically better than ±6% and are valid for ESL with deviations of up to ±10%.

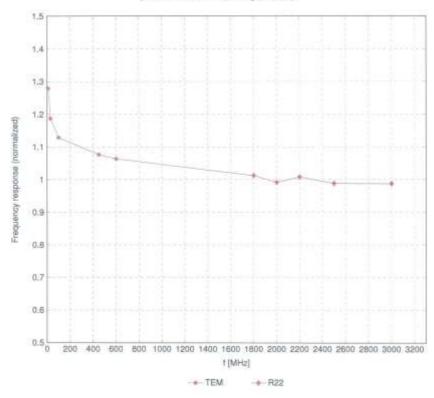
Alpha/Depth are determined during calibration. SPEAQ warrants that the remaining deviation due to the boundary effect after compensation is always less.

than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.



Frequency Response of E-Field

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



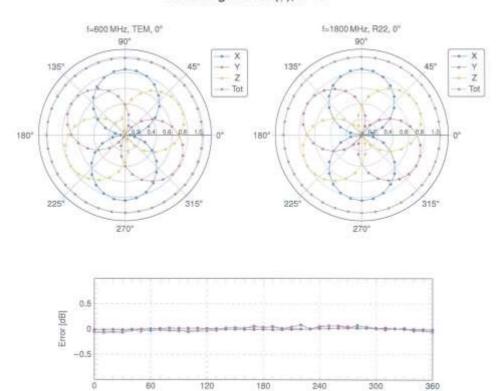
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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



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

-- 600 MHz

Rall [°]

1800 MHz

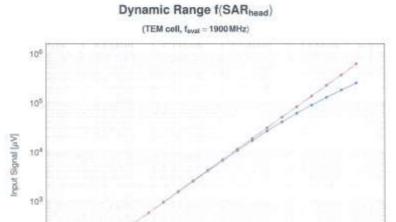
-- 2500 MHz

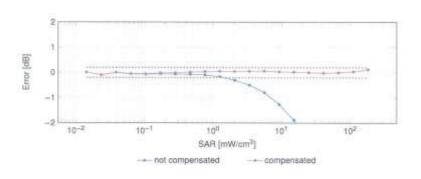
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100

-+ not compensated

SAR [mW/cm³]

+ compensated

10-2

10-1

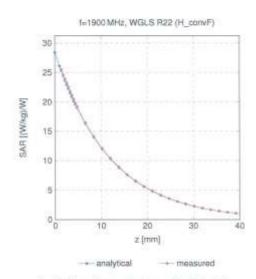
Uncertainty of Linearity Assessment: ±0.6% (k=2)

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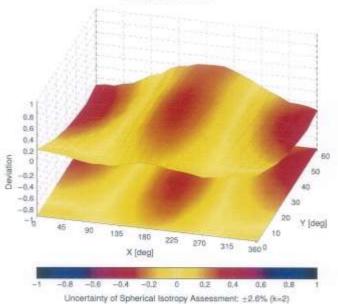


Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ) , f = 900 MHz



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Appendix: Modulation Calibration Parameters

UtD	Rev	Communication System Name	Group	PAR (dB)	Une ^E k =
. 0	en esta	CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA.	2.01	9.0
10012	CAB	IEEE 802.11b WIFL2.4 GHz (DSSS, 1 Mbps)	WLAN	1.07	19.6
0013	CAH	IEEE 802.11g WIFI 2.4 GHz (DGSS-OFDM, 6 Mbps)	WLAN	9.46	±9,6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	19.6
10024	DAD	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10.025	DAC	EDGE-FDD (TDMA, 8PSK, TN II)	GSM	12.62	±9.6
10028	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GBM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	OSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DHT)	Bluetooth	5.30	19.6
0031	CAA	IEEE 802,15.1 Bluelooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Blumooth IGFSK, DH5)	Bluetooth	1,16	±9.8
100002	CAA	IEEE 802,15.1 Blumooth (PV4-DQPSK, DH1)	Bluetooth	7.74	1,9,8
			Bluetooth	4.53	19.6
10034	CAA	IEEE 902.15.1 Bluetooth (PV4-DQPSK, DH3)	A CONTRACTOR OF THE PARTY OF TH		and the second second second second
10035	CAA	IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH5)	Bluetooth	3,83	19.6
10036	CAA	IEEE 802,15,1 Bluetooth (8-DPSK, DH1)	Bluetooth	8,81	19.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DHG)	Bluetooth	4,77	19.6
10038	CAA	IEEE 802,15,1 Bluetooth (8-DPSK, DHS)	Bluetooth	4.10	19.6
10 039	CAB	COMA2000 (1xRTT, RQ1)	CDMA2000	4.57	±9.6
10042	CAB	IS-64 / IS-138 FDD (TDMA/FDM, PV4-DQPSK, Halfrate)	AMPS	7,78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDO (FDMA, FM)	AMPS	0.00	19.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slet, 12)	DEGT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCOMA, 1.28 Migra)	TD-SCDMA	11.01	8,61
10058	DAC	EDGE-FD0 (TDMA, 8P8K, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbpii)	WLAN	2.83	19.6
10061	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	+9.6
10062	CAD	IEEE 802.11a/h WIFLS GHz (OFOM, 6 Mbps)	WLAN	8.88	±9.6
10063	CAD	IEEE 802 11a/h WIFI 5 DHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	DAD	IEEE 802.11ah WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11s/h WIFLS GHz (OFDM, 18 Mbps)	WLAN	9.00	+9.6
10008	CAD	IEEE 802.11a/h WIFI 5 OHz (OFDM, 24 Mbps)	WLAN	9.38	±0.0
10067	CAD	IEEE 802.11a/h WIFLS GHz (OFOM, 36 Mbps)	WLAN	10.12	19.6
10068	CAD	IEEE 802 11a/h WIFI 5 GHz (OFOM, 48 Mbps)	WLAN	10.24	19.6
10069	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	49.6
10072	CAB				-
		IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±11.6
10074	CAB	IEEE 802 11g WFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	29.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.0
10077	GAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9,6
10001	CAB	GDMA2000 (1xRTT, RC3)	CDMA2900	3.97	±9.6
10002	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Fullrate)	AMPS	4.77	±8.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDFA)	WCDMA	3.98	±0,6
0,098	GAG	UMTB-FDD (HSUPA, Subrest 2)	WCDMA	3.98	±8,6
0.088	DAG	EDGE-FDD (TDMA, BPSK, TN 0-4)	GSM	9.55	±9.6
0.100	CAF	LTE-F00 (SC-F0MA, 100% RB, 20 MHz, QPSK)	LTE-FOD	5.67	39.5
10101	CAF	LTE-F00 (SC-F0MA, 100% RB, 20 MHz, 16-QAM)	LTE-FD0	6.42	±9,6
10102	CAF	LTE-FDO (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FOD	6.60	69.6
0100	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOO	9.29	£9.6
10104	CAH	LTE-TOD (BC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOO	9.97	19.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TOD	10.01	±9,6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	19.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FOO	5.43	±9.6
10110	CAH	LTE-FOD (SC-FDMA, 189%, RS, 5 MHz, QPSR)	LTE-FDD	5.75	±8.6
1.00	CAH	LTE-FOD (SC-FOMA, 100% AB, 5 MHz, 16-QAM)	LTE-FOD	6.44	58.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^{ti} k =
0112	CAH	LTE-FOD (SC-FDMA, 190% RB, 15MHz, 84-QAM)	LTE-F00	6.59	±9.6
0110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	8.62	±9.6
0114	CAD	IEEE 802.11n (HT Greenfield, 13,5 Mbps, 8PSK)	WLAN	8.10	£9.8
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8,46	1.9.6
0118	CAD	IEEE 802.11n (HT Greenfield, 136 Mbps, 64-QAM)	WLAN	0.15	19.8
0117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
0118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 18-QAM)	WLAN	8.59	主集長
0119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 84-QAM)	WLAN	0.13	±9.6
0.140	CAF	LTE-F0D (SC-F0MA, 100% RB, 15 MHz, 16-QAM)	LTE-F00	6,40	±9.6
0141	CAF	LTE-FDD (9C-FDMA: 100% RB; 15 MHz; 64-QAM)	LTE-F00	6.53	±9.6
0148	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FOO	5.73	±6.6
0143	CAF	LTE-FDD (SC-FDMA, 190% RB, 3 MHz, 16-QAM)	LTE-FOO	6.35	±9.5
0144	CAF	LTE-FDD (SC-FDMA, 190% RB, 3 MHz, 64-QAM)	LTE-FOO	ft.85	19.6
0145	CAG	LTE-FDD (BC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-F00	5.76	±9,6
0146	CAG	LTE-FDD (SC-FDMA, 190% RB, 1.4 MHz, 16-QAM)	LTE-FOO	0.41	±8.6
0147	CAG	LTE-FDD (SC-FDMA, 100% AB, 1.4 MHz, 64-QAM)	LTE-FOO	0.72	±9.0
0148	CAF	LTE-FDD (SC-FDMA, SIN, RB, 20 MHz, 16-QAM)	LTE-FOO	fi.42	±9.8
0.550	CAF	LTE-FOD (ISC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FOO	6.60	69.6
0151	CAH	LTE-TOD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-T00	0.28	±9.6
0152	DAH	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOO	0.92	±9.6
0153	CAH	LTE-TDD (BC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOO	10.05	±9.6
0154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FD0	5.75	±9.6
0155	CAH	LTE-FOD (SC-FDMA, 50% RB, 10 MHz. 10-QAM)	LTE-F00	6.43	49:8
0106	CAH	LTE-FOD (SC-FDMA, 58% RB, 5 MHz, QPSK)	LTE-F00	5.79	±9.6
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-F00	6.49	±9.6
0156	CAH	LTE-FDC (9C-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FD0	6.62	±9.6
0.559	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDO	8.56	±9.6
0.160	CAF	LTE-FOD (SC-FDMA: 50% RB, 15 MHz, QPSK).	LTE-F00	5.82	±9.6
1810	CAF	LTE-FOD (SC-FDMA, 56% RB, 15 MHz, 16-QAM)	LTE-F00	6.43	±9.6
162	CAF	LTE-FOO (SC-FOMA, 50% RB, 15 MHz, 64-QAM)	LTE-F00	6.58	±9.6
0.765	CAG	LTE-FDD (SG-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FD0	5.46	±9.6
0167	CAG	LTE-FOD (SC-FDMA, 50% R8, 1.4 MHz, 16-QAM)	LTE-F00	0.21	±9.6
0168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAW)	LTE-F00	6.79	±9.0
0169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-F00	5.73	19.6
0170	CAF	LTE-FOO (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FOD	0.52	±8.8
0171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	E.49	±9.6
0172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TOO	9.21	±9.6
0173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
0174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz; 64-QAM)	LTE-TOD	10.25	±0.6
175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.82	±9.6
177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.79	±9.6
1178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	±0.6
179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0180	DAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	±9.6
1810	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDD	6.50	±9.6
184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, OPSK)	LTE-FDD	5.73	±9.0
185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	1.9.6
186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	8,50	±9.6
187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK)	LTE-FDD	5.73	19.0
188	CAG	LTE-FDD (BC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.8
189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	+9.6
193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	19.6
196	CAD	IEEE 802.11n (HT Greenfield, 95 Mbps, 64-QAM)	WLAN	0.21	19.6
198	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	19.6
197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	19.6
198	CAD	IEEE 802,11n (HT Mised, 65 Mbps, 64-QAM)	W.AN	8.27	±9.6
218	CAD	IEEE 802.11n (htT Mised, 7.2 Mbps, BPSK)	WLAN	8.03	19.6
1220	CAD	IEEE 802.11n (HT Mired, 43.3 Mbps, 16-QAM)	WLAN	8.13	19.8
	CAD	IEEE 802,11n (HT Mixed, 72,2 Mbps, 84-GAM)	WLAN	8.13	±9.6
1221					
	CAD	TEEE 802,11n (HT Mised, 15 Mbps, RPSK)	7, 150, 441	10.750	
1222	CAD	IEEE 802,11n (HT Mixed, 15 Mbps, BPSK) IEEE 802,11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	19.6
10228	CAC	LTE-TDD (BC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TOO	9,49	±9.6
10227	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOO	10.26	±9.6
0558	CAC	I,TE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-TDD	9.22	1.9.6
0229	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9,48	±9.6
0230	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 54-QAM)	LTE-TOD	10.25	±9.0
10231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9.19	£9.8
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	19.6
0233	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TOD	10.25	±8.0
0234	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, GP5K)	LTE-TDD	9,21	2,9.0
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	19.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE:TDD	10.25	19.6
0237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9.6
0.238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	£9.0
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9,6
0240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
0241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.82	±9.6
0.242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM)	LTE-TDD	9.88	±9.6
0243	CAC	LTE-TDD (SG-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	19.6
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	29.6
0245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	±8.6
0246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	#9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOD	10.08	±0.6
0249	CAH	LTE-TDD (BC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TD0	9.29	±9.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TOD	9.81	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOD	10.17	+9.6
0.252	CAH	LTE/TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	±9.6
0253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9.90	±9.6
0.254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOD	10.14	19.6
0255	CAG	LTE-TDD (BC-FDMA, 90% RB, 15 MHz, QPSK)	LTE-TOO	9.20	±9,6
0.256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1,4MHz, 16-QAM)	LTE-TOD	9.96	±9.6
0257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9,6
0258	CAC	LTE TDD (BC-FDMA, 190% RB, 1,4MHz, QPSK)	LTE-TOO	9.34	±9.6
0259	DAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 15-QAM)	LTE-TOD	9.98	±8.6
0360	CAE	LTE-TDD (BC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOD	9.97	±9.6
0261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TOD	9.24	#9.6
0262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-GAM)	LTE-TOD	9.83	±9.6
0263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TOD	10.18	±9.6
0254	CAH	LTE-TDD (BC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TOD	9.23	±9.6
0265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0.286	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
0267	CAH	LTE-TDD (SC-FDMA, 100% RB, 18 MHz, QPSK)	LTE-TDD	9.30	±9.6
0266	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	19.6
0269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOD	10.13	±9.6
0.270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHJ, QPSK)	LTE-TDD	9.58	±9.0
0274	CAC	LMTS-F00 (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	£9.6
0275	DAG	UMTS-FDD (HSUPA, Subtest 5: 3GPP Rel8.4)	WCDMA	3.96	±9.6
0277	CAA	PHS (QPSK)	PHS	11.81	±9.0
0278	CAA	PHS (QPSK, BW 884 MHz, Relieft 0.5)	PHS	11.81	£9.6
0279	CAA	PHS (QPSK, BW 884 MHz, Rotott 0.38)	PHS	12.18	±9.6
0.290	AAB	COMAZODO, RC1, SQ55, Full Rate	CDMA2000	3.91	19.0
0291	AAB	COMAZGOO, RCG, SOSS, Full Rate	COMAZG00	3.46	1.9.8
0292	AAB	CDMA2000, RC3, 5032, Full Rate	COMA2000	3.39	19.6
1293	AAB	CDMA2000, RC3, SG3, Full Rate	CDMA2000	3.50	19.6
1295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 tr.	COMA2000	12.49	19.6
1297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.01	19.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, OPSK)	LTE-FDD	5.72	19.6
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	19.6
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	+9.6
0301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	19.6
0.000	AAA	IEEE 800,16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTHL symbols)	WMAX	12.57	19.6
0303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WMAX	12.52	±9.6
0304	AAA	EEE 802,16e WMAX (29:18, 5 ns., 10 MHz, 640 AM, PUSC)	WMAX	11.86	
	4 17 77				+9.5
0305	AAA	IEEE 802.16e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	XAMWAY	15.24	±9.6

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UID	Rav	Communication System Name	Group	PAR (dB)	Linch k =
10307	AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	#9.6
10,306	AAA	IEEE BOX.16# WIMAX (29:18, 10 ms, 10 MHz, 16 QAM, PUSC)	WIMAX	14,46	±9,6
10,309	AAA	IEEE 802.16e WIMAX (29:18, 10:ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
0310	AAA	IEEE 802,15e WIMAX (29.18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	19,6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MRz, GPSK)	LTE-FDD	6.06	±9.6
0313	AAA	DEN 13	IDEN	10.51	±9.6
0314	AAA	IDEN 1:6	IDEN	13.48	±5,6
0315	AAB	(EEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mops, 96pc duty cycle)	WLAN	1,71	±9.6
0315	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 8 Mops: 96pc duty cycle)	WLAN	8.36	±9.6
0317	AAD	IEEE 802.11a WFI 5 GHz (OFDM: 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
0352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
0.353	AAA.	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
0354	AAA.	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
0.355	AAA.	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
0.356	AAA.	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
0.387	AAA	QPSK Wayatorm, 1 MHz	Generic	5.10	±9.6
0388	-AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
0398	AAA	84-QAM Wayelorm, 100kHz	Generic	6.27	±9.0
0399	AAA	64-QAM Wavelorm, 40 MHz	Generic	8.27	±9.6
0.400	AAE	IEEE B02.11ac WIFI (20 MHz, 64-QAM, 95pc duty cycle)	WLAN	8.37	19.6
0401	AAE	IEEE 802 11ap WFI (40 MHz, 64-QAM, 99pp duty cycle)	WLAN	8.60	±9,6
0402	AAE	IEEE 802 11ac WiFi (80 MHz, 84-QAM, 99cc duty cycle)	WLAN	0.53	±9.6
0403	AAB	CDMA2000 (fxEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
0404	AAB	GDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±8.6
0406	AAB	CDMA2000, RC3, SC92, SCH0, Full Rate	CDMA2000	5.22	±9.6
0410	AAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8.9, Subframe Cont-4)	LTE-TDD	7.82	+97
0414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
0415	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.54	±9.6
0410	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	19.6
0417	AAC	IEEE 802,11a/h WFI 5 GHz (OFDM, 6 Mbps, 89pc duty cycle)	WLAN	8.23	+9.6
0418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 98pc duty cycle, Long preambule)	WLAN	8.14	+9.0
0419	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mops, 98pc duty cycle, Short preambule)	WLAN	8,19	±9.0
0422	AAC	IEEE 802.11n (HT Greenfeld, 7.2 Mbps, BPSK)	WLAN	8.32	19.6
0423	AAC	IEEE 802.11n (HT Greenfeld, 43.3 Mbps, 16-GAM)	WLAN	8.47	±9.6
0.424	AAC	IEEE 802.11n (HT Greenleid, 72.2 Mbps, 64-QAM)	WLAN	8.40	±8.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	- ±9.6
10427	AAC	IEEE 802.11ri (HT Greenfield, 150 Mbps, 84-DAM)	WLAN	8.41	±9.0
10430	AAE	LTE-FDD (OFDMA, BMHz, E-TM 0.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FOD (OFOMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	19.6
0.432	AAD	LTE-FDD (DFDMA, 15MHz, E-TM 3.1)	LTE-FOD	8.34	±9.0
0.433	AAD	LTE-FDD (DFDMA, 20MHz, E-TM 3.1)	LTE-FDD	8.34	±9.
0434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	+5.
	AAG	LTE-TDD (BC-FDMA, 1 R8, 20MHz, QPSK, UL Subframe 2.3.4,7.6.9)	LTE-TOD	7.82	±9.0
10435	Annual Street		LTE-FOD	7.56	±9.
10.447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Olipping 44%)	LTE-FOD	7.53	
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Olippin 44%)	Committee of the Commit		± β./
0.449	(1AA	LTE-FOD (OFOMA, 15MHz, E-TM 3.1, Oliping 44%)	LTE-FDD	7.51	±9.
0.450	AAD	LTE-FDD (OFDMA, 26MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±0.0
0.451	AAB	W-COMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±90
0453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	497
10.458	AAC	IEEE 802.11sc WFI (190 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±8.
10457	AAB	UMTS-FDD (DC-HSDPA)	WCOMA	0.62	±8.
0.458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	8.55	±9/
0459	AAA	CDMA2000 (1xEV-DO, Rev. B. 3 carriers)	CDMA2000	8.25	±5.
0.460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9
0481	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK, UL Subhame=2,3.4,7,8,9)	LTE-TOO	7.82	±9,
0465	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL Subframe=3,3,4,7,8,8)	LTE-TOO	8.30	±8.
0.460	AAC	LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	1,7E-T00	8.56	±9.
11464	AAD	LTE-TDD (BC-FDMA, 1 BB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	7.82	±9.
0.460	CAA	I.TE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.32	±9.
0.466	AAD	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Suttrame=2,3,4,7,8,9)	LTE-TOO	0.57	493
10487	AAG	LTE-TOD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TOD	7.82	±9.
mad Advert	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe+2,3,4,7,8.9)	LTE-TOO	8.32	±9,
					1.66
10469	AAG	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	
10468 10469 10470 10471	AAG AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-DAM, U. Subriame-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK, UL Subriame-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-DAM, U. Subriame-2,3,4,7,8,9)	LTE-TOD LTE-TOD	8.56 7.82 8.32	±9.1

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10472	AAG	LTE-TOB (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subhama+2,3,4,7,8,9)	LTE-TDD	8.57	±0.6
10473	AAF	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8.9)	LTE-TDD	7,82	19,6
10474	AAF	LTE-T00 (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.5
10475	AAF	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe+2,3,4,7,8.9)	LTE-TOD	8.57	£9.ff
10477	AAG	LTE-TOD (SC-FOMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	£9.6
10470	AAG	LTE-T00 (SC-F0MA, 1 RB, 20 MHz, 64-GAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, S0% RB, 1.4 MHz, QPSK, UL Subhame+2,3.4,7,8.9)	LTE-TDD	7.74	±8.6
10480	AAC	LTE-TDD (SC-FDMA, 58% RB, 1,4 MHz, 18-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.18	:0.6
10481	AAC	LTE-TDD (SC-FOMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3.4,7,8,9)	LTE-TDD	8.45	£0.6
10482	AAD	LTE-TDD (8C-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	69.8
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subverte=2,3.4,7.8,9)	LTE-TOD	8.39	19.6
10484	AAD	LTE-TOD (SC-FDMA, 50% RR, 3 MHz, 64-QAM, UL Subtrame=2,3.4,7,8.9)	LTE-TDD	8.47	49.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.69	19.6
10.486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subfame-2,3,4,7,6,9)	LTE-TDD	8.38	19.6
10-487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM, UL Subhame+2,3.4,7,8.9)	LTE-TOD	8.60	±9.6
10.488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz; QPSK, UL Subframe/2,3,4,7,8,9)	LTE-TDD	7.70	+9.0
10489	AAG	LTE-TDD (SC-FDMA, 50% RE. 10 MHz, 16-QAM, UL Subhame=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 Subframe=2,3,4,7,6.9)	LTE-TDD	8.54	±9.6
	And the second	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,8)	LTE-TOD	7.74	69.6
10.492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-GAM, UL Sutshame-2,3,4,7,8,9)	LTE-TOD	8.55	49.6
10494	DAA	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe-2.3,4,7,8,9)	LTE-TOD	7,74	69.6
10 498	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subhame 2,3,4,7,8,9)	LTE-TOD	8.37	8.9,0
	AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 54-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TDD	8.54	2.0%
10497	AAC	LTE-TDD (5C-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3.4,7.8.9)	LTE-TOD	7.67	±8.6
	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subtrame-2.3,4,7.8.9)	LTE-TDD	8,40	÷9.6
10499	AAD	LTE-TDD (SC-FDMA, 100% RB, 1,4 MHz, 64-GAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.0
10501	AAD	LTE-TDD (SG-FDMA, 100% RB, 3 MHz, QPSK, UI, Subframe=2,3,4,7,8,9) LTE-TDD (SG-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.67	6,9,6
10:502	AAD		LTE-TOD	8,44	49.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe-2,3.4.7.8.9)	LTE-TDD	8.52	±8.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	≥9.6
10.505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subtrame-2,3,4,7,8,9)	LTE-TOD	8.31	10.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, GPSK, UL Subtrame=2,3.4,7,8,9)	LTE-TDD	8.54	19.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subhame=2.3,4,7,8,9)	LTE-TOD	8.55	19.5
10 509	AAF	LTE-TDD (SC-FDMA, 100% RB. 15 MHz, QPSK, UL Subtrame=2,3.4,7,8,9)	LTE-TOD	7.99	69.6 69.0
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subtrames 2.3,4,7,8,9)	LTE-TOD	8,49	19.6
10511	AAF	LTE-TDD (8C-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe-2.3,4,7,8,9)	LTE-TOD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subtrame=2,3.4.7,8.9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, U.S. Subframe-2,3,4,7,8,9)	LTE-TDD	8.42	19.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subtrame+2,3,4.7,8,9)	LTE-TOD	8.45	±9.6
10515	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	19.6
10510	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	19.0
10517	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps, 99pp duty cycle)	WLAN	1,58	19.8
10518	AAC	IEEE 802.11a/h WIFI S GHz (OFDM, 9 Mbps. 99pc duty cycle)	WLAN	0.23	1.9.6
10519	AAC	IEEE 802.11ah WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	19.6
10520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	19.6
10521	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	+9.6
10522	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pp duty cycle)	WLAN	8.08	49.8
10324	AAC	IEEE 802.11a/h WIFI S QHz (OFOM, 54 Mbps, 89pc duty cycle)	WLAN	8.27	19.8
10525	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 99pc duty cycle)	WLAN	0.26	±6.6
10526	AAC	IEEE 802 11sc WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10827	AAG	IEEE 802,11ac WiFi (20 MHz, MGS2, 99pc duty cycle)	WLAN	8.21	+9.6
10528	AAC	IEEE 802,11so W/FI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9,6
10829	AAC	IEEE 802.11ac WFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	#11.6
10531	AAC	IEEE 802.11ac WIFI (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ec Will's (20 MHz, MGS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WiFI (40 MHz, MGS0, 99pc duty cycle)	WLAN	8.45	19.6
10535	AAC	IEEE 802.11 no W/FI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±0.6
10536	AAC	IEEE 802.11ec WFI (40 MHz, MGS2, 99pc duty cycle)	WLAN	8.32	+0.6
10537	MC	IEEE 802.11ac WFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAC	(EEE 802,11ac WiF) (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
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0541	AAC	IEEE 802.11 so WIFI (40 MHz, MCS7; 99pc duty cycle)	WLAN	8.46	±9.6
0542	AAC	IEEE 802.11 ac WiF1 (40 MHz, MCS8, 99pc duty cycle)	WLAN	8,85	±9:6
3543	AAC	IEEE fl02.11ac WiFi (40 MHz, MGS9, 99pc duty cycle)	WLAN	8:65	±9.5
5544	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8:47	±9.6
5545	AAC	IEEE 802, I tao WIFI (80 MHz, MCS1, 98pc duty cycle)	WLAN	8.55	±9.6
0945	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 9lipc duly sycle)	WLAN	8,35	±9.6
0547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8,49	19.6
0548	AAC	IEEE 802.11ac WIFI (80 MHz, MCS4; 99pc duty cycle)	WLAN	8.37	±9.6
0550	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, (6pc duty cycle)	WLAN	8.38	±9.6
0551	AAG	IEEE 802,11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
5880	AAG	IEEE 808,11ac WIFI (80 MHz, MOS8, 96pc duty cycle)	WLAN	8.42	19.6
1683	AAC	IEEE 802.11ac WiFi (80 MHz, MCSB, 99pc duty cycle)	WLAN	8.45	±9,6
0554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
0558	AAD	IEEE 802.11ac WiFi (160 MHz, MGS1, 96pc duty cycle)	WLAN	8.47	#9.6
0555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	#9.6
0557	AAD	IEEE 802,11ac WIFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
0558	AAD	IEEE 802.11ac Willi (160 MHz, MCS4, 99pc duty cycle)	WLAN	73.8	±9.6
0560	AAD	IEEE 802.11ac WFI (180 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
0561	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 98pc duty cycle)	WLAN	8.56	±9.8
0562	AAO	IEEE 802,11au Willi (160 Minz, MCS8, 98pc duty cycle)	WLAN	0.69	±9.8
0563	AAD	IEEE 802.11sc WiFi (160 MHz, MCS9, 98pc duty cycle)	WLAN	8.77	19.6
0564	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFOM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
0566	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFOM, 12 Mbps, 99pn duty cycle)	WLAN	8.45	±9.6
0.566	AAA	IEEE 802.11g WIFI 2.4 GHz (OSSS-OFDM, 18 Mbps, USpc duty cycle)	WLAN.	8.13	±9.6
0567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	19.6
0.568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
0569	AAA	IEEE 802.11g WiFi 2.4 GHz (OSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSBS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.36	±9.6
0571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.96	±8.6
0572	AAA	IEEE 802,11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0873	AAA	IEEE 802 11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WEAN	1.98	+9.6
0575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
0578	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-DFDM, 9Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0577	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
0578	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.0
0.579	AAA	IEEE 802 11g WIFI 2 4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0.580	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	+9.6
0581	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	0.35	±9.6
0582	AAA.	IEEE 802,11g WFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	19.6
0.583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 8 Mbps, 90pc duty cycle)	WLAN	8,59	+9.6
0584	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	6.60	±8.6
0.585	AAC	IEEE 802,11a/h WIFI 5 BHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	+9.0
0.586	AAC	IEEE 802,11 a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duly cycle)	WLAN	8.40	+9.6
10587	AAC	IEEE 802,11 wh WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±8.6
10588	AAC	IEEE 802.11 Ah WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0589	AAC	IEEE 802, I La/h WIFL 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10990	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 54 Mbps; 90pc duty cycle)	WLAN	8.67	±9.6
0591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	6.63	±9.6
0992	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.0
0983	AAC	IEEE 802,11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
0594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty rydle)	WLAN	8.74	+9.6
0.585	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 96pc duty cycle)	WLAN	8.74	±9.4
0585	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±93
0597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MC98, 90pc duty cycle)	WLAN	8.72	±9.6
0.088	AAC	IEEE 802,11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9/
0599	AAC	IEEE 802.11n (HT Mised, 40 MHz, MGS0, 90pc duty cycle)	WLAN	8.79	±9.6
0600	AAC	IEEE 802.1 in (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	6.88	±9.6
0601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±93
10000	AAC	IEEE 802.11n (HT Mised, 40 MHz, MCS3, 90pc duty cycle)	WAN	8.94	±9.8
10603	AAC	IEEE 802.11in (HT Mixed, 40 MHz, MCS4, 90pc duty cyclo)	WLAN	9.03	±93
10604	TAAC	IEEE 802.11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.76	1.9.1
0.005	AAC	IEEE 802,11n (HT Mixed, 40 MHz, MCS8, 90pc duty cycle)	WLAN	8.97	±9.1
10666	AAG	IEEE 802.11n (HT Misad, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	+9.1
10607	AAC	IEEE 802.11ac WIFI (20 MHz. MCS0, 90pc duty cycle)	WLAN	8.64	±9.8
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	49.8

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10609	AAC	IEEE B02.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802,11ac WIFI (20 MHz, MCS3, 90pc duty cycle)	WLAN	8,78	±9.6
0611	AAC	IEEE 802.11ac WIFL(20 MHz, MCS4, 90pc duty cycle)	WLAN	8,70	±9.6
0612	AAG	IEEE 802.11ac WiFi (20 MHz. MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAC	IEEE 802,11ac WiFi (20 MHz, MC86, 90pc duty cycle)	WLAN	8.94	±9.6
0614	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8,59	±9.6
0615	AAC	IEEE 802,11nc WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0618	AAC	IEEE 802,11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.62	±9.6
0617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9,6
0618	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
0619	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 95pc duty cycle)	WLAN	8.86	±8.6
0.620	AAC	IEEE 802.11sc WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
1580	AAC	IEEE 802.11ac WiFi (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	39.6
0622	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.88	±9.6
0.623	AAC	IEEE 802.11 sc WiFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0624	AAC	(EEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0625	AAC	IEEE 802.11ac WFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	#9.6
9890	AAC	IEEE 802.11ac Wifi (80 MHz, MCSO, 98pc duty cycle)	WLAN	8.83	±9.6
0.627	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	88.8	±9.6
0628	AAC	IEEE 802.11ac W/Ft (80 MHz; MCS2, 90pc duty cycle)	WLAN	8.73	±9.6
0629	AAC	IEEE 802,11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9,6
0630	AAC	IEEE 802,11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WEAN	8.72	±9:0
0631	AAC	IEEE 802.11ac WF1 (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.0
0632	AAC	IEEE 802.11ec WIFI (80 MHz, MCS8, 90pc duty cycle)	WEAN	8.74	19.8
0633	AAC	IEEE 802.11ac WIFI (80 MHz, MCSY, 90pc duty cycle)	WLAN	8.83	19.6
0634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	19.6
0635	AAC	IEEE 802.11ac WiFI (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.81	±9.0
0.636	CAA	IEEE 802,11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0837	AAD	IEEE 802.11sc WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	0.79	±9.6
0638	AAD	IEEE 802,11ac WIFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	+9.6
8590	AAD	IEEE 892,11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	+9.6
0640	AAD	IEEE 802,11ac WiFi (180 MHz, MCS4, 80pc duty cycle)	WLAN	8.98	±9.6
0641	AAD	IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.0
0642	DAA	IEEE 802,11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9,06	±9.6
0643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	+9.6
0644	AAD	IEEE 802.11ac WIFI (180 MHz, MCSS, 90pc duty cycle)	WLAN	9.05	±9.6
0645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	1.9.8
0648	AAH	LTE-TOD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subtrame=2,7)	LTE-TDD	11.96	19.6
0647	AAG	LTE-TOD (SC-FOMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDO	11,96	±9.0
0648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3,45	1,9,8
0650	AAF	LTE-TDD (OFDMA, 5MHs, E-TM 3.1, Clipping 44%)	LTE-TDD	0.91	±9.0
0653	AAF	LTE-TDD (DFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDO	7.42	±9.0
0654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
0655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Glipping 44%)	LTE-TOO	7.21	+9.8
065B	AAB	Pulse Waveform (200Hz, 10%)	Test	10,00	±9.6
0659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
0680	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	19.6
1990	AAB	Pulse Waveform (200Hz, 60%)	Test	8.22	±9.6
5990	AAB	Pulse Wavefurm (200Hz, 80%)	Test	0.97	+9.6
0670	AAA	Bluetooth Low Energy	Bluetooth	2.19	19.6
0671	AAC	IEEE BCZ.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
0672	AAC	IEEE 802.11ax (20 MHz, MGS1, 90pc duty cycle)	WLAN	8.57	±9.6
0673	AAC	IEEE 802.11ex (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	19.5
0574	AAC	IEEE 802.11ax (20 MHz, MC83, 90pc duty cycle)	WLAN	8.74	+9.6
0675	AAC	IEEE 802.11ax (20 MHz, MGS4, 90pc duty cycle)	WLAN	8.90	±9.0
0676	AAC	IEEE 802.11ax (20 MHz, MC85, 90pc duty cycle)	WLAN	8.77	1.9.8
1677	AAC.	IEEE BOZ 11ax (29 MHz, MGSS, 90pc duty cycle)	WLAN	8.73	±9.6
1678	AAC	IEEE 802,11ex (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.8
0679	AAG	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	1.9.1
0880	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8,80	±8.6
0681	AAC	IEEE 802.11mx (20 MHz, MCS10, 90pc duty cycle)	WLAN	9.62	49.0
0880	AAC	IEEE 802.11sx (20 MHz, MGS11, 90pc duty cycle)	WLAN	8.83	±9.6
0680	AAC	IEEE 802,11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
0684	AAC	IEEE 802,11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
	4 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1				
0685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6

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FIID	Bev	Communication System Name	Group	PAR (dB)	Unc ⁸ It =
10887	AAC	IEEE 802.11ax (20 MHz, MCSA, 99pc duty cycle)	WLAN	8.46	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	W.AN	8.29	±8.8
10689	AAG	IEEE 802.11nx (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	- ±9.6
10690	AAC	IEEE 802,11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	19.6
10991	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	19.6
10682	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±0.6
10693	AAC	IEEE 802,11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10894	AAC	IEEE 802.11nx (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	19.6
10696	AAC	IEEE 802.11sx (40 MHz, MCS1, 90pc duty cycle)	WAN	8.91	±8.6
10897	AAC	IEEE 802.11ax (40 MHz. MOS2, 90pc duty cycle)	WLAN	8.61	
	AAC				±9.6
89901	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	H.89	49.6
10689	Andread and the Control	IEEE 802.11ax (40 MHz. MC84, 90pc duty cycle)	WLAN	8.62	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MOSS, 90pc duty cycle)	WLAN	8.73	±9,6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	19.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	11.82	±9.6
10704	AAC	IEEE 802,11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	11.50	±9.6
10705	AAC	IEEE 802.11ax (40 MHz; MCS10, 90pc duty cycle)	WLAN	8.69	19.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
0.707	AAG	IEEE 802,11ax (40 MHz, MCS0, 99pc duty tryole)	WLAN	8.32	±9,6
0708	AAC	IEEE 802,11ax (40 MHz, MCS1, 99cc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802,11ax (40MHz, MCS3, 99pc duty cycle)	W.AN	0.29	±9.6
10711	AAC	IEEE 802.11ex (40 MHz, MCS4, 99pc duty cycle)	WLAN	0.30	
10712	AAC	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	1000000		±9.0
		recent to the property of the control of the contro	WLAN	8.67	19.8
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	69.0
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.0
10715	AAC	IEEE 802.11ex (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.8
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±8.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	69.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	49.6
10718	AAC	IEEE 802.11ax (80MHz, MCS0, 98pc duty cycle)	WLAN	8.81	±9.8
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz; MCS2, 90pc duty cycle)	WLAN	8.76	+9.6
10.722	AAG	IEEE 802.11sx (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz. MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 502.11ax (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCSR, 90pc duty cycle)	WLAN	9.66	±9.6
10728	AAC	IEEE 802,11sx (80 MHz, MCSS, 90pc duty cycle)	WEAN	8.65	±9,6
10729	AAC	IEEE 802.11ax (80 MHz. MCS10, 90pc duty cycle)	WAN	0.64	The second second
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN		±9.6
10731	AAC			8.67	±9,6
and the State of Stat		IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	+0.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±0:6
10734	AACI	IEEE 802,11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	28.8
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10735	AAG	IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	19.6
10739	AAC	IEEE 802.11ax (80 MHz; MCS8, 99pc duty cycle)	WLAN	8.29	19.6
10740	AAC	IEEE 802.11 ax (80 MHz, MCSB, 99pc duty cycle)	WLAN	8.48	±9.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	19.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	6.43	±9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	19.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.18	
10748	AAC	IEEE 802,11ax (160 MHz, MCS2, 90pc duty cycle)			±9.6
10745	AAG		WLAN	8.93	±9.6
	11.7.7.7	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9,11	±9.0
10747	AAC	IEEE 802.11ex (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	1.9.6
10748	AAG	IEEE 802.11aa (160 MHz, MCSS, 90pc duty cycle)	WLAN	6.93	£9.6
	AAC	IEEE 802.11ax (160 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	±9.6
	1				
10749 10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	19.8
	AAG AAG AAG	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.79	1.9.6

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10.753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8,94	±9,6
10755	AAG.	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WCAN	0.64	±9.6
10755	AAC.	IEIEE 832.11ax (160 MHz, MCS1, 99pp duty cycle)	WLAN	8.77	±9.6
10757	AAC.	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8,77	19.0
10758	AAC	IEEE 002.11ax (100 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	19.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	19.6
10760	AAC.	IEEE 802.11ax (160 MHz; MCS5, 99pc duty cycle)	WLAN	8,49	19.6
10761	AAC	IEEE 802,11ax (160 MHz, MCS6, SSpc duty cycle)	WLAN	8,58	1,9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	B.49	±9.6
10783	AAC	IEEE 802:11ux (160 MHz, MCS8, 99pc duty cycle)	WLAN	0.50	±9.8
10764	AAC	IEEE 802.1 tax (160 MHz, MCS9, 96pc duty cycle)	WLAN	8.54	±9.6
10.765	AAC	IEEE 802.11xx (160 MHz, MCS10, 89pc duty cycle)	WLAN	B,54	1.9.6
10.788	AAC	IEEE 862.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	B.51	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, OPSK, 15kHz)	SG NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 16 MHz, QPSK, 15 kHz)	BG NR FR1 TDD	B.01	19.0
10789	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FRT TDD	8.01	+9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	±9.0
10772	AAD	50 NR (CP-CFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10.773	AAD	5G NR (CP-DFDM, 1 RB, 40 MHz, GPSK, 15 kHz)	SG NR FRI TDD	8.03	19.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	19.6
0775	AAD	5G NR (CP-OFDM, 56% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TOD	B.31	±9.8
10.776	AAD	5G NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FRI TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, GPSK, 15 kHz)	SG NA FAI TOD	6,30	±9.6
10778	AAD	56 NR (CP-OFDM, 50% RB, 20 MHz, GPSK, 15 kHz)	SG NR FR1 TDD	8.34	+9.6
0.778	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI TOD	B.42	19.6
0.780	AAD	6G NR (CP-OFDM, 50% RB. 30 MHz, QPSK, 15 kHz)	SG NR FR1 TOD	8.38	±9.6
10781	AAD	50 NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	T8'8
0.782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.43	19.6
0783	AAE.	5G NR (CP-OFDM, 100% RB, 8 MHz, GPSK, 15 NHz)	5G NR FR1 TDD	8.31	19.6
10.784	AAD	5G NR (CP-DFDM, 100% RB. 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.0
0785	CAA	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10780	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, GPSK, 15 kHz)	SG NR FRI TOD	6.35	±9.6
0787	AAD	50 NR (CP-OFDM, 100% RB, 25 MHz, GPSK, 16 kHz)	SG NR FRT TOD	8.44	19.6
0788	CAA	5G NR (CP-0F0M, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FRI TDD	8.39	19.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, GPSK, 15kHz)	5G NR FR1 TDD	B.37	19.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 18 kHz)	56 NR FR1 TDD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 R8, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7,83	±9,6
0788	AAD	5G NR (CP-OFDM, 1 RB, 16MHz, CPSK, 30kHz)	5G NR FRI TDD	7.92	±9.6
0793	AAD	50 NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	5G NR (CP-DFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	7.82	±9.6
0795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.8
0798	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.62	±9.6
0797	AAD	9G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	8.01	+9.6
0798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
0799	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	3,9,6
0801	AAD	5G NR (CP-OFDM, 1 RB, 88 MHz, GPSK, 36 kHz)	5G NR FR1 TDD	7.89	±9.6
0800	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	89.6
0803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.93	±9.5
0805	DAA	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	8.37	±9.0
0809	AAD	5G NR (CP-OFBM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±0.6
0810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	59 MR FRI TOO	8.34	±8.6
0812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	8.35	±9.0
0817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FRI TOO	8.35	±0.6
0.018	AAD	5G NR (CP-OFDM, 108% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8.34	£9.6
0819	AAD	50 NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	9G NR FR1 TGD	8.33	29.6
0820	AAD	5G NR (CR-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	198
0821	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	£9.6
0822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, GPSK, 30 KHz)	5G NR FR1 TOD	8.41	19.0
0823	AAD	5G NR (CP-OFDM: 100% RB, 40 MHz, QPSK; 30 kHz)	5G NA PA1 TOD	8.36	19.6
0.824	AAD.	SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8.39	19.6
THENCH-					
0825	AAD	LISS WHITCH OF DM, TUDS HB, BOMHZ, CAPSK, SIGNHA			
	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TOD SG NR FR1 TOD	8,41 8.42	£9.6

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10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1-TDD	8.40	19.8
10830	AAD	5G NR (CP-DFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FRI TDD	7.63	19.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 16 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.73	±9.6
10832	AAD	5G NR (CP-OFOM, 1 RB, 20 MHz, CPSK, 60 kHz)	SOLNR FRE TOD	7,74	±9.6
10833	AAD	5G NR (CP-CFOM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,70	£9,6
10834	AAD	5G NR (CP-OFOM, 1 RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	7.75	19.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 50 kHz)	5G NA FR1 TDD	7.70	5.6±
10836	DAA	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.86	19.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 60kHz)	5G NR FR1 700	7.88	19.6
10839	AAD.	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 60kHz)	5G NR FR1 TD0	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAD	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 90 kHz)	5G NR FR1 TD0	7.71	±9.6
10.843	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 8DNHz)	59 NR FR1 TDD	8.49	±9.6
10.844	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.34	±9.6
10.84E	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.47	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSX, 60 kHz)	50 NR FR1 TDD	8.34	±9.8
10855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 80kHz)	5G NR FR1 TDD	8.36	±9.5
1085E	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 80kHz)	5G NR FR1 TDD	8.37	±9.0
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 80 kHz)	50 NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAC	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 60NHz)	5G NR FR1 TDD	8.34	±5.6
10860	AAD	5G NR (CP-OFOM, 100% RB, 50 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8,41	±9.6
10861	AAD	5G NR (CP-OFOM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	3.9.6
10883	AAE	5G-NR (CP-CFDM, 100% RB, 80 MHz, QPSK, 80 VHz)	-5G-NR-FR1 TDD	8.41	±9.8
10864	CAA	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 HHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	+9.6
10888	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 MHz)	SG NR FR1 TDD	5.88	1.9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.89	±9.6
10860	AAE	50 NR (DFT-6-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-DFDM, 100% RB, 100 MHz, QPSK, 120 NHz)	BG NR FR2 TDD	5.86	1.9.6
10871	AAE	5G NR (DFT-s-DFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-6-DFDM, 100% RB, 100MHz, 18QAM, 120kHz)	50 NR FR2 TDD	0.52	19.0
10873	AAE	5G NR (DFT-s-DFDM, 1 RB, 100 MHz, 64QAM, 120 MHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	BG NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOO	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	7,78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	10.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDO	7.95	±9.6
10.878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FRE TOO	8.41	±9.6
10.879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOO	8.12	±0.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2.T00	8.38	±9.6
10881	AAE	5G NR (DFT-e-DFDM, 1 RB, 50 MHz, QPSK, 129 NHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-DFDM; 100% RB, 50 MHz, QPSK, 120 WHz)	5G NR FR2 TDD	5.96	±9.0
10883	AAE	5G NR (DFT/s-DFDM, 1 RB, 50 MHz, 19QAM, 120 kHz)	5G NR FR2 TDD	8.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDO	6.53	19.6
10885	AAE	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, 64GAM, 120 kHz)	5G NR FR2 TOD	6.61	±9.6
10886	AAE	5G NR (DFT-s-DFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TOO	6.65	19.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FRE YOU	7.78	±9.6
10.888	AAE	5G NR (CP-OFDM, 180% R8, 50MHz, OPSK, 120 kHz)	5G NR FR2 TOD	8.35	±0.6
10889	AAE	5G NR (GP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	19.6
10890	AAE	5G NR (CP-OFDM, 100% R8, 50MHz, 16QAM, 120kHz)	5G NR FRE TOD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 54QAM, 120 kHz)	50 NR FR2 TDD	8.13	±9.6
1089E	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 64QAM, 120KHz)	5G NR FR2 TDO	8.41	10.6
10897	AAC	5G NR (DFT-e-GFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NA FRI TOO	5.66	19.6
10888	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 90 kHz)	50 NR FR1 TDD	5.87	±8.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.67	19.6
10990	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.68	19,6
10901	AAB	5G NR (DFTs-OFDM, 1 RB, 25MHz, QPSK, 35NHz)	53 NR FR1 TDD	5.88	±9.6
10902	AAB	5G NA (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 36 kHz)	5G NR FR1 TDD	5.88	3,0,6
10903	AAB	50 NR (DFT-II-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.68	±9.6
10905	AAB	5G NR (DFT-e-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10908	AAB	5G NR (DFT-a-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR PRI TDD	5.68	19.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	50 NR FRI TDO	5.78	±9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 30KHz)	5G NR FRI TOD	5.93	±9.6
10909	AAB	5G NR (DFT-e-OFDM, 50% RB, 15 MHz, QPSK, 30 NHz)	5G NR FR1 TDD	5.96	19.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10010		Andrewson and the Transaction of	1.000001000111000	2000	5.00

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UID	Bay	Communication System Name	Group	PAR (dB)	Unc ^{li} k = 2
10911	AAB	SG NR (DFTs-OFDM, 50%, RB, 25 MHz, QPSK, 30 MHz)	SG NR FR1 T00	5,93	19.6
10910	BAA	56 NR (DFT 6-0FDM, 50% RB, 30 MHz, QPSK, 30 MHz)	SG NR FR1 TDD	5.84	±9.6
10918	BAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	50 NR (DFT-s-OFDM, 50%, RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	0.85	±9.6
10615	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 T00	5.03	±9.6
18816	EAA	9G NR (DFT4-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (QFT-a-QFDM, 100% RB, 5 MHz, QPSK, 30304z)	5G NR FR1 T00	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.80	±9.6
10920	AA8	5G NR (DFT+-OFDM, 100% RB, 15 MHz, QPSK, 30HHz)	5G NR FR1 TDD	5.87	±9.6
10991	AAB	5G NR (DFT-6-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	SG WR FRT TOO	5.84	±9.6
0.922	BAA	58 NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.82	19.6
10923	AAB:	SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19.0
10824	AAB	5G-NR-(DFT-s-OFDM, 180% RB, 40MHz, QPSK, 35kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz)	SG NR FR1 TOD	6.95	±9.6
10926	AAB	5B NR (DFT-a-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TD0	5.84	±9.6
10927	AAB	5G NR (DFT-s-DFDM, 100% RB, 80MHz, QPSK, 30MHz)	5G NB FB1 TDD	5.94	19.6
10998	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FRI FDD	5.52	19.6
10929	AAC:	58 NR (DFT-s-OFDM, 1 R8, 10 MHz, QPSK, 15 kHz)	SG NR FR1 F00	5.52	19.6
10930	AAC	9G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.52	±9.6
10931	AAC.	5G NR (DFT s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	±9.6
1093€	AAC	5G NR (DFT-s-OFDM, 1 RB, 49MHz, QPSK, 15MHz)	SG NR FR1 FDD	5.51	±9.6
10935	AAD	50 NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	19.6
10936	AAC	5G NR (DFT-s-DFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	6.90	+9.6
10037	AAC	6G NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.77	±9,6
10938	AAC	50 NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FRI FDD	5.90	±9.8
10939	AAC	5G NR (DFTs-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.62	+9.8
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	19.6
10941	AAC	5G NR (DFT-s-OFOM, 50% RB, 30MHz, QPSK, 15kHz)	SG NR FRI FDD	5.83	19.6
10842	AAC	5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	SQ NR FR1 FDD	5.85	19.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50MHz, DPSK, 15kHz)	5G NR FR1 FDD	5.96	19.6
10944	AAC	5G NR (DFT-s-OFDM, 190% RB, 8MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	19.6
10945	AAD	56 NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FRI FOD	5.85	19.6
10945	AAC	5G NR (DFT-s-OFDM, 190% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	50 NR (DFT-e-OFDM, 100% RB, 20 MHz, QPBK, 15 kHz)	5G NR FR1 FDD	5.87	19.0
10948	AAC	5B NR (DFT-e-OFOM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.87	28.6
10950	AAC	5G NR (DFT-8-OFOM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.94	19.6
10951	AAD	5G NR (DFT-a-CFDM, 100% RB, 50 MHz, QPSK, 15464z)	5G NR FR1 FDD	5,90	
10952	AAA:	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	50 NR FR1 F00	8.25	#0.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz; 64-QAM, 15 kHz)	5G NR FR1 F00	8.15	±9.6
10954	ΑΑΑ	5G NR DL (CP-OFOM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 FDD		±8.6
10.955	AAA	5G NR DL (CP-CFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz)		8.23	±9.6
10958	AAA	5G NR DL (CP-OFOM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 FD0	8.42	19.6
10957	AAA	5G NF DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	The second secon	(6.14	19.0
10958	AAA	5G NR DL (CP-CFOM, TM 3.1, 15MHz, 84-QAM, 30 kHz)	5G NR FR1 F00	8.31	±9.6
10958	AAA		SG NR FR1 FU0	8.61	±9.6
0960	AAC	SG NR DL (CP-OFOM, TM 3.1, 20 MHz, 64-DAM, 30 kHz)	5G NR FR1 FD0	8.33	±9.0
10961	AAB	6G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 8G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	6G NA FAI TOD	9.30	49.6
	AAB		SG NR FR1 TDD	8.36	±9.6
10962	AAA	SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-DAM, 15kHz)	5G NR FR1 TDD	9.40	19.6
	110,460	56 NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	0.55	19.0
0964	AAC	8G NR DL (CP-OFDM, TM 3.1, 5MHz, 84-QAM, 303Hz)	SG NR FR1 TDD	9.29	19.6
0965	BAA	5G NR DL (CP-OFDM, TM 3.1, 18 MHz, 54-QAM, 30 kHz)	5G NR FR1 TDD	9,07	±9.6
0967	AAB	5G NR DL (CP-OFDM, TM 3.1, 18 MHz, 64-QAM, 30 kHz)	8G NR FR1 TDD	9.55	±9.0
100000000000000000000000000000000000000	30.00	SG NR DL (CP-GFDM, TM 3.1, 20 MHz, 04-QAM, 30 kHz)	90 NR FR1 TDD	9.42	±9.fi
0968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 90 kHz)	5G NR FR1 TDD	9,49	±8.6
0972	AAB	SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	9G NR FR1 TDD	11.50	±9.6
0973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	9.06	±9.6
0974	AAB	5G NR (CP-CFDM, 100% RB, 100 MHz, 356-QAM, 30 kHz)	SG NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BOR	ULLA	1.16	±9.8
0979	AAA	ULLA HDR4	ULLA	8.58	29.5
0980	AAA	ULLA HDR8	ULLA	10.32	69.6
10981	AAA.	ULLA HDRp4	ULLA	3.19	69.6
0982	AAA	ULLA HDRp8			

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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)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 KHz)	56 NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FRI TDD	9.54	±9.5
1058E	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,50	±9.6
10887	AAA	5G NR DL (CP-OFDM, TW 3.1, 80 MHz, 54-QAM, 30 kHz)	50 NR FR1 TDD	9,53	±9,6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	50 NR FRI TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FRI TOD	9.33	19.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	.9.52	19.6
11.003	AAA	56 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10,24	±9.6
11004	AAA	SG NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-GAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.0
11005	AAA	5G NR.DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 F00	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 84-QAM, 15 kHz)	5G NR FR1 FD0	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 F00	\$.46	±9.6
11008	AAA	SG NR DL ICP-DFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.0
11009	AAA	6G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11011	AAA	5G NR DL (CP OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.96	±9.6
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	AAA	IEEE 802,11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	0.47	1.9.8
11014	AAA	IEEE 832,11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8,44	±9.8
1101E	AAA	IEEE 802,11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	6,9,8
11017	AAA	IEEE 802,11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±0.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, (l9pc duty cycle)	WLAN	8.40	±9.0
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802 11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCB10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MOS11, 99pc duty cycle)	WLAN	8.09	19.6
11024	AAA	IEEE 802.11be (320 MHz. MC512, 99pc duty cycle)	WLAN	8.42	±9.6
11005	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 862.11ba (320 MHz, MCS0, 99pc duty cycle)	W.AN	8.39	±9.6

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

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





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

Accreditation No.: SCS 0108

Client

HCT Gyeonggi-do, Republic of Korea

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

Certificate No.

EX-3768 Jul23

CALIBRATION CERTIFICATE

Accredited by the Swiss Accreditation Service (SAS)

EX3DV4 - SN:3768

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

July 18, 2023

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (50). 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
DCF DAK-3.5 (weighted)	BN: 1249	20-Oct-22 (OCP-DAK3.5-1248_Oct22)	Opt-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCF-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03899)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660 Mar23)	Mar-24
Reference Probe ES30V2	SN: 3013	06-Jan-23 (No. ES3-3013 "lan23)	Jan-24

Secondary Standards	10	Check Date (in house)	Scheduled Check
Power meter E44198	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41499067	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-24

Function Calibrated by Jethrey Katzman Technical Manager Approved by Sven Köhn Issued: July 19, 2023 This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

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

Glossary

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

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

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

Polarization # ## 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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax.y.z; Bx.y.z; Cx.y.z; Dx.y.z; VRx,y.z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,x,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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EX3DV4 - SN:3768

July 18, 2023

Parameters of Probe: EX3DV4 - SN:3768

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) ²) ^A	0.48	0.48	0.51	±10.1%
DCP (mV) B	111.5	106.5	110.5	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	mV mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	160.4 ±2	±2.5%	±4.7%
	7150	Y	0.00	0.00	1.00	10050	159.4	SVIII (M	
		Z	0.00	0.00	1.00		166.2		
10352	Pulse Waveform (200Hz, 10%)	X	1.65	61.50	7.18	10.00 60.0	60.0	60.0 ±2.9%	±9.6%
	10 10 10	Y	1.57	60.84	6.20		60.0		
		Z	1.72	61.66	7.13		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.89	60.30	5.48	6.99	80.0	±2.7%	±9.6%
		Y	0.85	60.00	4.64		80.0		
		2	0.81	60.00	5.21		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	62.00	78.00	9.00	3.98	95.0	±2.8%	±9.69
		Y	78.00	74.00	7.00	7,747.60	95.0		
		Z	0.04	125.64	0.07		95.0		01.5063
10355	Pulse Waveform (200Hz, 60%)	X	10.17	94.82	0.28	2.22	120.0	±1.6% ±	±9.6%
		Y	10:27	157.74	12.42	20,000	120.0		
		Z	4.37	159.82	13.47		120.0		
10387	QPSK Waveform, 1 MHz	X	0.47	63.35	11.57	1,00	150.0	±4.8%	+9.69
		Y	0.61	63.64	11.60		150.0		100150505
		Z	0.41	61.43	10.42		150.0		
10388	QPSK Waveform, 10 MHz	X	1.25	65.69	13.43	0.00	150.0	±1.1%	±9.69
		Y	1.35	65.21	13.46	300	150.0	- 100	-
		Z	1.15	64.31	12.80		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.90	66.73	16.93	3.01	150.0	±0.9%	±9.69
		Y	1.80	65.50	16.38		150.0		
		Z	1.73	65.25	16.42		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.74	66.27	14.96	0.00	150.0	±2.7%	±9.69
		Y	2.85	66.04	14.87	-	150.0		
	A CONTRACTOR OF THE CONTRACTOR	Z	2.78	66.29	14.95	1000	150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.70	65.95	15.13	0.00	150.0	±4.6%	±9.6%
	INCOME THE RESIDENCE AND THE CONTRACT OF SOMETHINGS	Y	3.90	65.75	15.13		150.0		New York
		2	3.77	66.00	15.17		150.0		

Note: For details on UID parameters see Appendix

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

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A The uncertainties of Norm X,Y,Z do not affect the E^{II} field uncertainty inside TSL (see Pages 5 and 6).

Unrestication parameter uncertainty for maximum specified field strength.

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



Parameters of Probe: EX3DV4 - SN:3768

Sensor Model Parameters

	C1 fF	C2 fF	α γ-1	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
X	9.0	65.16	33.25	5.09	0.00	4.98	0.81	0.00	1.00
y	11.3	82.47	33.76	4.24	0.00	4.90	0.60	0.00	1.00
2	9.6	69.63	33.55	3.92	0.00	4.98	0.59	0.00	1.01

Other Probe Parameters

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Sensor Arrangement	Triangular
Connector Angle	-76.9°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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Parameters of Probe: EX3DV4 - SN:3768

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	9.80	9.80	9.80	0.46	0.80	±12.0%
835	41.5	0.90	9.51	9.51	9.51	0.31	1.12	±12.0%
900	41.5	0.97	9.36	9.36	9.36	0.44	0.80	±12.0%
1450	40.5	1.20	9.07	9.07	9.07	0.22	1.10	±12.0%
1640	40.2	1.31	8.70	8.70	8.70	0.26	0.86	±12.0%
1750	40.1	1.37	8.62	8.62	8.62	0.31	0.86	±12.09
1900	40.0	1.40	8.31	8.31	8.31	0.29	0.86	±12.09
2300	39,5	1.67	8.01	8.01	8.01	0.36	0.90	±12.09
2450	39.2	1.80	7.83	7.83	7.83	0.31	0.90	±12.09
2600	39.0	1.96	7.52	7.52	7.52	0.40	0.90	±12.09
3300	38.2	2.71	7.01	7.01	7.01	0.30	1,35	±14.09
3500	37.9	2.91	6.91	6.91	6.91	0.30	1.35	±14.09
3700	37.7	3.12	6.85	6.85	6.85	0.30	1.35	±14.09
3900	37.5	3.32	6.37	6.37	6.37	0.40	1.60	±14.09
5250	35.9	4.71	5.37	5.37	5.37	0.40	1.80	±14.09
5600	35.5	5.07	4.81	4.81	4.81	0.40	1.80	±14.09
5750	35.4	5.22	4.88	4.88	4.88	0.40	1.80	±14.09
5800	35.3	5.27	4.81	4.81	4.81	0.40	1.80	±14.09

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

The probes are calibrated using tissue simulating liquids (TSL) that deviate for a 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 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

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



Parameters of Probe: EX3DV4 - SN:3768

Certificate No: EX-3768_Jul23

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	5.20	5.20	5.20	0.20	2.50	±18.6%

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^{Cl} Prequency validity at 8.5 GHz is ~500° 700 MHz, and ±708 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at additional frequency and the uncertainty for the indicated frequency band.

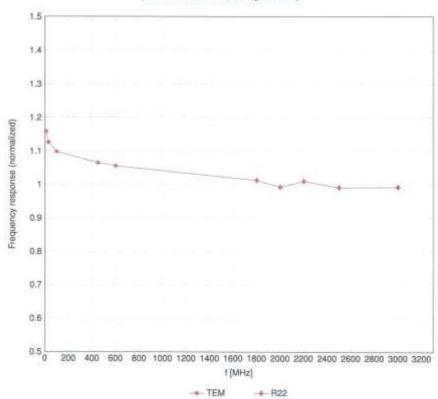
The protest are calcitated using flavore simulating liquids (TSL) that deviate for *x* and *x* by loss than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

Alpha/Depth are determined during calcitation. SPEAG searants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies between 6-10 GHz at any distance thereof the purple of the properties of the properties. larger than half the probe tip diameter from the boundary.



Frequency Response of E-Field

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



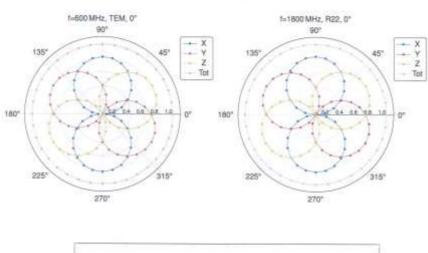
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

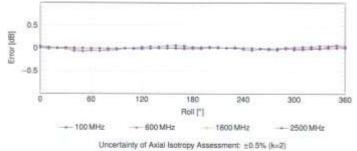
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Receiving Pattern (ϕ), $\theta = 0^{\circ}$

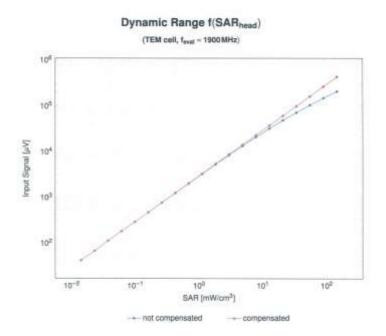


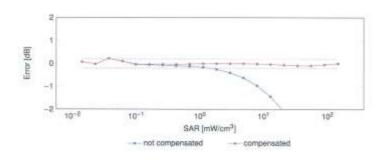


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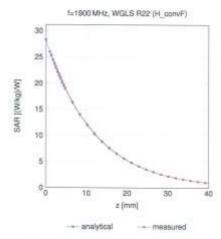
Uncertainty of Linearity Assessment: ±0.5% (k=2)

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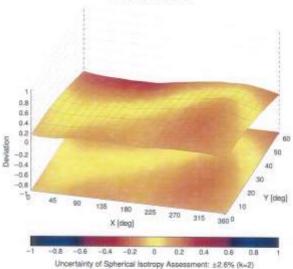


Conversion Factor Assessment



Deviation from Isotropy in Liquid





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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc [®] k = 2
G		CW	-CW	0.00	g4.7
0.010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10,00	37.0
0011	CAC	UMTS-FOD (WCDMA)	WCDMA	2.91	±9.6
0012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0013	CAB	IEEE 802,11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.40	±9.0
0021	DAC	GSM-FDO (TDMA, GMSK)	GSM	9.39	±8.fi
0.023	DAG	GPRS-FDD (TDMA, GMSK, TN ti)	GSM	9.57	±9.0
0.024	DAC	QPRS-FDD (TOMA, GMSK, TN 0-1)	GSM	6.56	±9.6
0.050	DAC	EDGE-FOD (TOMA, BPSK, TN 0)	GSM	12.62	29.6
0.056	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9:55	±9.6
0027	DAG	GPRS-FDD (TOMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
0.058	DAC	GPRS FDD (TDMA, GMSK, TN 0-1-2-3)	BSM	3.55	49.6
0029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	£9.6
10000	GAA.	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
0031	CAA	IEEE 802 15.1 Blustooth (GFSK, DH3)	Bluetpath	1.87	19.6
0.035	GAA	IEEE 802.15.1 Bluetooth (OFSK, DHS)	Bluetooth	1,15	±9.6
0003	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DHT)	Bluetoath	7.74	±9.6
0034	CAA	EEE 802.15 1 Bluebooth (PV4-DQPSK, DH3)	Bluetooth	4.53	±9.6
0035		IEEE 802 15.1 Bluetooth (PI4-DQPSK, DH5)	Bluetooth	3.83	49.6
0038	GAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1) IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth Bluetooth	8.01 4.77	£9.6
0038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DHS)			-
0038	CAB	COMA2000 (1xRTT, RC1)	Bluetooth CDMA2900	4.10	±9.6
0042	CAB	IS-54/IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrete)	AMPS	7.78	±9.6
10044	CAA	18-91/EIA/TIA-553 FOD (FOMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TOMA/FDM, GFSK, Full Skit, 24)	DECT	13.80	19.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Skir, 12)	DECY	10.79	±9.0
10056	CAA	LMTS-TDD (TD-SCDMA, 1.28 Mose)	TD-SCOMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, BPSK, TN 0-1-2-3)	GSM	6.52	19.6
0.059	CAB	IEEE 802.116 WIFI 2.4 GHz (DSSS, 2 Mbps)	WLW	2.12	49.6
0000	CAB	IEEE 802,11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	29.0
10061	CAB	IEEE 802.11b WIFI 2.4 GHz (0SSS, 11 Mbps)	WLAN	3.60	19.6
10062	CAD	IEEE 802,11a/h WIFI 5 GHz (OFDM, 6Mbps)	WLAN	8.68	49.6
0063	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 9Mbps)	WLAN	8.63	±9.8
10064	CAD	IEEE 802 11a/h WIFI 5 GHz (OFOM, 12 Mbps)	WLAN	9.09	±9.0
10066	CAD	IEEE 802.11a/h WIFLS GHz (OFOM, 18 Mbps)	WLAN	0.00	±9.6
10086	CAD	JEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.30	19.6
10097	CAD	(EEE 802.11a/h WIFi 5 GHz (OFOM, 38 Mbps)	WLAN	10.18	19.6
6900	CAD	IEEE 802.11a/n WFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10066	CAD	IEEE 802.11ah WFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	49.6
10071	CAB	IEEE 802.11g WFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/DFDW, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 OHz (DS\$S/OFDM, 18 Mops)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	29.6
10075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/DFDM, 36Mbps)	WLAN	10.77	#8.6
10076	CAB	JEEE 802,11g WFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	49.6
10077	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/DFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (txRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-138 FOD (TOMA/FOM, PU4-DQPSK, Fullruta)	AMPS	4.77	±9.0
10.090	DAG	GPRS-F00 (TDMA, GMSK, TN 0-4)	GSM	0.56	±8.0
10.097	CAG	UMTS-F00 (HSDPA)	WCDMA	3.98	19.6
10098	CAC	UMTS-F00 (HSUPA, Subtest 2)	WCDMA	3.98	±8.6
10,099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9,55	±9.6
0100	CAF	LTE-FOD (SC-FBMA, 100% RB, 20 MHz, QPSK)	LTE-FOD	5.67	28.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	#9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz; 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	z9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOD	9,97	±9.6
10105	CAH	LTE-TOD (SC-FOMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOD	18,01	20.0
10108	CAH	LTE-FOD (SC-FOMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	£0.6
10109	CAH	LTE-FOD (SC-FOMA, 100% RB, 10 MHz, 16 QAM)	LTE-FOD	6.43	±9.6
10110	CAH	LTE-FOD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
	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)	Uno* R = 2
10112 CAH		LTE-FDD	6.59	±9.6
10113 CAH		LTE-FOD	6.62	±9.6
0114 CAD		WLAN	8.10	±9.6
0115 CAD		WLAN	8.46	19.6
0116 CAD		WLAN	B,16	19,6
	I Description of the Action of the Control of the C	WLAN	8.07	±9.6
0118 CAD		WLAN	8.59	19.6
0119 GAD		WLAN	8.13	19.6
0140 GAF	(TE-FDD (SC-FDMA, 100% RB, 18 MHz, 16-QAM)	LTE FOD	6.49	±9.6
10141 CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FOD	6.53	±9.6
	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FOD	5.73	±9.6
0148 CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 18-QAM) LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FOD	6.35	ASB
D148 CAG		LTE-FOD	6.65 5.76	19.6
0146 CAD		LYE-FOD	8.41	±9.6
0146 CAB		LTE-F00	6.72	±9.6
				±9.6
		LTE-F00	6,42	#9.8
0180 CAF	LTE-FDD (SC-FDMA, 50% PB, 20 MHz, 64-QAM)	LTE-FOD	6.60 9.26	±9.6
		LTE-TOO	The state of the s	±9.6
0152 CAH		LTE-TDO	9.92	±0.6
0158 CAH		LTE-FDD	5.75	±9.6
0158 CAH		LTE-FDO	6.43	±9.6
0156 CAH		LTE-FD0	5.79	19.6
0156 CAH		LTE-FDO	6.49	19.6
0158 CAH		LTE-FDD	6.62	19.6
10158 CAH		LTE-FOO	6.56	±9.6
10160 CAF		LTE-F00	5.82	19.6
G161 CAF		LTE-F00	6.43	19.6
DIST CAF		LTE-FOD	6.58	19.6
0166 CAD		LTE-FOD	5.46	19.6
0167 CAS		LTE-FOD	6.21	19.6
0168 CAC		LTEFOD	6.79	19.6
10169 CAP		LTE-F00	5.73	19.6
10170 CAF		LYE-FOD	6.52	±9.6
10171 AAF		LTE-FOD	6.49	19.6
10172 CAH		LTE-TOD	9.21	19.6
G 173 CAN		LTE-TOD	9.48	19.6
10174 CAH		LTE-TOD	10.25	19.6
10 175 CAH		LTE-FOD	5.70	19.6
10178 CAN		LTE-FOD	8.52	18.6
10577 CAJ		LTE-FOD	5.73	±9.6
0178 CAH		DEFOD	6.52	19.6
0178 CAR		LTE-FOD	6.50	19.6
10180 CAH		LTE-FDD	6.50	19.6
0181 CAP		LTE-FOD	5.70	19.6
10182 CAF		LTE-FDD	6.52	19.6
10183 AAE		LTE-FOD	6.50	19.6
10184 CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FOD	5.73	±9.6
0185 CAF		LTE-FOD	6.51	19.5
10.186 AAF		LYE-FOD	6.50	19.6
0187 CAD		LTE-FOD	5.73	19.6
0188 CAD		LTE-FOO	6.52	19.6
0189 AAG		LTE-FOD	6.50	±9.6
0193 CAD		WLAN	8.09	49.6
0194 CAD		WLAN	8.12	29.6
0195 CAD		WLAN	8.21	19.6
0196 CAD	IEEE 802,11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
0197 CAD		WLAN	8.13	±9.6
0198 CAL		WLAN	8.27	±9.6
0219 CAD		WLAN	6.03	±9.6
0220 CAD		WLAN	6.13	49.6
10221 CAD		WLAN	8.27	19.6
0222 CAD		WLAN	8.06	19.6
10223 CAD		WLAN	6.48	±9.6
10224 CAD		WLAN	6.08	±9.6

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UID	Bev	Communication System Name	Group	PAR (dR)	Linch & -
10225	CAC	UMTS-F00 (HSPA+)	WCOMA	5.67	49.5
5226	CAC	LTE-T00 (SC-FDMA, 1 RB, 1,4 MHz, 16 QAM).	LTE-100	9.49	+9.5
0227	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	176-700	10.26	+9.6
D228	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MRz, QPSK)	71E-100	9.22	±9.6
0229	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 16 QAM)	17E-700	9.48	±9.6
0230	GNE	LTE-TOD (SC FDMA, 1 RB, 3 MHz, 64 QAM)	17E-700	10.25	19.6
0231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK)	175-700	9.19	3.0.6
0.232	GAH.		176-700	9.48	±9.6
0233	GAH.	LTE-TOD (SC-FDMA, 1 RB. 5MHz, 64-QAM)	LTE-TOO	10.29	19.6
0234	CAH	LTE TOD (SC FDMA, 1 RB, 5MHz, QPSK)	LTE-TOO	9.21	19.0
0235	CAH	LTE-TOD (SC-FDMA, 1 RB, 10MH), 16-DAM)	LTE-T00	0.48	49.0
0236	CAH	LTE-TOD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-TOD	10.26	±9.0
0237	CAH	LTE-TOD (SC-FDMA, 1 RE, 10MHz, GPSK)		8.81	
	CAB	LTE-TOD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-TOD		19.0
6630			LTE-TOD	9.48	19.0
0.239	CAD	LTE-TOD (SC-FDWA, 1 RB, 15MHz, 64-DAM)	LTE-TOD	10.25	1,0%
0.040	GAG	LTE-TOD (SC-FDMA, 1 RB, 18 MHz, QPSK)	LTR-TOD	9.21	29.6
0.241	CAC	LTE-TDD (SC-FDMA, BOX PS. 1 AMHL 16-QAM)	LTE-TOD	9.62	13.6
0.242	CAG	LTE-TOD (SC FDMA, 50% RB. 1.4 MHz. 84-QAM)	LTE-TOD	9.80	60.0
0243	CAC		LTE-TOD	9.40	3,0,0
0244	CAL	LTE-TDD (SC-FDMA, 50% RB, 3MHz), 18-QAM)	LTE-TOD	10.08	19.6
0.245	CAE	LTE-TDD (SC-FDMA, 50% FIR. 3 MHz, 64-QAM)	LITE-TOD :	10.06	18.6
0246	CAE	LTE-TDD (90-FDMA, 90% RB, 3 MHz, QPSK)	LTE-TOD	9.30	49.6
0247	CAH	LYE TOO (SC-FOMA, 50% RB, 5MHz, 16 QAM)	LTE-YDD	9.91	19.5
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TDD	10.09	19.6
0949	CAH	LTE-TDD (SC-FDWA, 50% RB, 5MHz, QPSiO	LTE-TOD	9.39	19.6
6980	CAH	LTE-TOD ISC-FOMA, 50% RB, 10 MHz, 16-QAMI	LTE-TDD	9.81	19.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE:700	10.17	19.6
0252	CAH	LTE TOO (BC-FOMA, 50% RB, 10MHs, QPSK)	LTE-TOD	9.24	±0.6
0250	CAG		LTE-TOD	9.90	±9.6
0254	CAG		LTE-TOO	10.14	19.6
0255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-700	9.20	19.6
	CAC				
0256		LTE-TDD (8C-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOO	9.96	±9.0
0257	CAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 NHz, 64-QAM)	LTE-TOO	10,06	±9.6
0258	CAC	LTE-TOD (SC-PDMA, 100% RB, 1.4 MHz, QPSK)	FLE-100	9.34	±9.8
0.259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	1TE-T00	9.98	19.8
0.260	CAE	LTE-TDD (SC FDMA, 100% PB, 3MHz, 84 QAM)	LTE-TOO	9.97	±9.0
0.251	CAE	LTE-TOD (SC FDMA, 100% RB, 3MHz, GPBK)	1TE-TOD	9.24	±9.6
0.262	CAH	LTE-TDD (SC-FDMA, 100% FIB, SMHz; 16-QAM)	LTE-TOD	9.83	±9.8
10,263	CAH	LTE-TDD (SC-FDMA, 100% RB, SMHz, 64-QAM)	LTE-TOO	10.16	±9.8
10264	CAH	LTE-TOD (SC-FDMA, 100% RB, SMHz, GPSK)	LTE-T00	9.25	.19.8
0.562	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16 QAM)	LTE-TOO	9.92	49.8
0266	GAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 84-GAM)	LTE-TDD	19.07	±9.6
0267	CAH	LTE-TOD (SC-FDMA, 100% FIB, 10 MHz, OPSK)	LTE-TDD	9.90	±9.6
0.268	CAG	LTE-TOD (SC-FDMA, 100% PIS, 15MHz, 16-QAM)	LTE-T00	10.06	±9.6
0.269	CAG	LTE-TOD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TD0	10.15	19.6
0.270	GAG	LTE-TOD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TDD	9.58	+9.6
0274	GAC	LIMTS FDD (HBUPA, Subsect S, 3GPP Rull), 101	WCDMA	4.87	±9.6
0275	CAC	LIMTS-FDD (HBLIPA, Subtreet S. 3GPP RelE-4)	WCDWA	3.36	19.6
0277	CAA	PHS (QPSIC)	PHS	11.81	19.6
0.278	GAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	69.6
0279	CAA	PHS (QPSK, SW 884 MHz, Autor 0.38)	PHS	12.18	:9.6
0290	AAB	CDMAIDDO, RC1, SOSS, Full Rate	GDMA2000	3.91	
0200	AAB	COMMUDIO, NOT, SOSS, Full Rate		3.48	19.6
			GDMA2000		±9.6
0282	AAII	CDMA2000, PC3, SC83, Full Rate	C0MA2000	3.58	19.6
0283	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	89.5
0296	WAB	COMA2000, RC1, BD8, 1/8th Rate 25 h	CDMARDIO	12.48	±9.6
0297	AAE	LTE-FOD (SC-FDMA, 50% RB, 20MHz, QFBK)	TLE-1,00	5.81	±9.6
0298	AAE	LTE-FOD (SC-FDMA, 50% RB, 3MHs, QPSK)	LTE-FD0	5.72	19.6
0299	AAE	LTE-FOD (SC-FDMA, 50% PID, 3MFIE, 18-GAM)	L7E-F00	6,38	49.8
0.300	AAE	LTE-FOD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FD0	6.60	49.8
0301	AAA	IEEE 802 16e WMAX (29 18, 5 ms, 10 MHz, GPBK, PUBC)	WWAX	12.00	±9.6
0302	AAA	IEEE 802.16e WIMAX (20:18, 5 ms, 10 MHs, GPSK, PUSC, 3 CYPL symbols)	WINDOX	18.57	±9.6
10503	AAA	IEEE 802 16s WMAX (31.15, 5 ms, 10 MHz, 64GAM, PUSC)	WMAX	12.58	19.6
10204	AAA	IEEE 802 16s WMAX (29.18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.86	198
0305	AAA	IDDE 802 169 WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WWWX	15.24	±9.6
10300	AAA	IEEE 802 16a WMAX (29.18, 10 ms, 10 MHz, 64QAM, PUSG 18 ayrrbox)	WWAX	14.67	19.6
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UID	Plant	Communication System Name	Group	PAR (dB)	Una* k = 1
10307	AAA.	IEEE 802,16e WIMAX (28:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WWWX	14.48	±9.6
10308	AAA.	IEEE 802.166 WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14,46	49.6
10309	AAA.	IEEE 802 16e WIMAX (29:18, 10 ms, 10 MHz, 16 QAM, AMC 2x3, 18 symbols)	WINNE	14.58	±9.6
10310	AAA.	IEEE 802,16e WIMAX (29/18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±8.6
10311	AAE	LTE-FOD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTEFOD	6.06	±9.6
10313	AAA	IDEN 1:3	IDEN	10.51	19.6
10314	AAA.	IDEN 1.6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WF) Z 4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±8.6
10318	AAB	IEEE 802.11g WIFi 2.4 GHz (EPIP-OPDM, 6 Mbps, 96pc duty cycle)	WLAN	0.30	±9.6.
10317	AAD	IEEE 882.11a WIFLSGHz (OFDM, 6Mbps, 96pc duty cycle)	WLAN	6,36	±9.6
10362	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10383	AAA,	Pulse Waveform (200Hz, 20%)	Generic	6.90	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.08	±9.0
10365	AAA.	Pulse Wasslam (200Hz, 50%)	Generic	2,22	49.6
10355	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	GPSK Waveform, 1 MHz	Gerreno	5.10	±8.6
10388	WW	GPSK Waveform, 16 MHz	Generio	5.22	19.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	84-QAM Waveform, 40 MHz	Generic	6.27	±2.€
10400	AAE	IEEE 802.11ac WFI (20MHz, 84-QAM, Itilgo duty cycle)	WCAN	8,37	19.6
10401	AAE	IEEE 802,11uc Wiff (ACMHz, 64-GAM, 98pc duty cycle)	WLAN	8.60	±0.0
10402	AAE	IEEE 802.11ac WFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8,53	±9.6
10400	AAB	CDMA2008 (1sEV-DO, Rev. 0)	GDMA2000	3.76	±9.6
10404	AAB	GDMA2000 (1xEV-DD, Res. A)	CDMA2000	3.77	1,0,6
10400	AAB	CDMA2000, RC3, SC82, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame=2.3.4,7.8.9. Subtrame Conf=4)	LTE-TOD	7.82	49.6
10414	AAA	WLAN GCDF, 64-QAM, 40MHz	Generic	0.54	±9.0
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, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	MAC	EEE BIIZ.11wh WIFI 5 GHz (OFDM, 6 Mbps. 98pc duty cycle)	WLAN	6.23	10.0
10418	AAA	IEEE 802-11g WIFI 2.4 GHz (DSSS-DFDM, 6 Mbps, 96pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 CHz (DSSS-OFDM, 6 Mbps, 98pc duty cycle, Short preembule)	WLAN	0.19	±8.0
10423	AAC	EEE 802.11# (HT Greenfield, 7.2 Mbps. BPSK)	WEAR	8.32	1.0.6
10423	AAC	IIIIII 002.11n (HT Greenfeld, 43.3 Mbps, 16-QAM)	WLAN	8.67	±9.6
10424	AAC	EEE 802.11n (HT Greenfield, 72.2 Mbps, 64-GAM)	WLAN	8.40	10.0
10425	AAC	IIIIII 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	0.41	±8.6
10426	AAC	IEEE 802.1111 (HT Greenfield, 90 Mbps, 15-QAM)	WLAN	8.45	89.6
10427	AAC	EEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±6.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-F00	8.28	±9.5
10431	ME	LTE-FDD (OFOMA, 10 MHz, E-TM 3.1)	LTE-FOD	8.38	+9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, 6-TM 3.1)	LTE-FOD	8.34	+9.6
10433	AAO	LTE-FDD (QFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	19.6
10434	AA8	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 26MHz, QPSK, UL Subtrame+2,3,4,7,8,9)	LTE-TOD	7.82	±9.ft
10447	AAE	LYE-FOD (OFDMA, SMHz, E-TM 3.1, Gloping 44%)	LTE-FOD	7.56	±9.6
10448	AAE	LTE FDD (OFDMA, 10 MHz, E-TM S.1, Clippin 44%)	LTE-FOD	7.50	£8.6
10440	AAD	LTE-PDD (OFDMA, 18 MHz, E-TM S.1, Cliping 44%)	LTE-FOD	7.81	±9.6
10450	AAD	LTE-FDD (OFDMA, 20MHz, E-TM 3.1, Clipping 64%)	LTE-FOD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Glipping 44%)	MCDWV	7.50	±0.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±8.6
10456	AAC	IEEE 802.11ac WiFI (160 MHz, 64-QAM, 99pc duty rydle)	WLAN	8.63	19.8
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	19.6
10459	AAA.	GDMA2000 (1xEV-DO, Rev. B, 2 carriers)	C0MA2000	6.55	±9.5
10459	AAA,	GDMAX000 (1xEV-DO, Rev. B, 3 carriers)	CIDMA2000	8.25	±9.€
10460	AAB	UMTS FD0 (WCDMA, AMR)	MICDIMA	2.30	1.0.6
10461	AAC	LTE-TOD (SC-FDWA, 1 RR, 1.4MHz, QPSK, UL Subhame=2.3,4,7,8,9)	LTE-TOD	7.80	±9.6
10462	AAC	LTE-TOD (SC-FDMA, 1 RB, 1 4MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TOD	8.30	£9.6
10483	AAC	LTE-TOD (SC-FDMA, 1 RE, 1.4MHz, 64-GAM, U. Subhame+2,3.4,7.8,9)	LTE-TOD	8.56	±9.6
10464	AAD	LTE-TOD (SC-FDMA, 1 RB, 3MHz, QPSK, UL Subframe-2.3.4,7.8.9)	LTE-TOD	7,62	±9.6
10465	AAD	LTE-TOD (9C-FDMA, 1 RB, 3MHz, 16-QAM, UL Subhame=2,3.4,7 g/g)	LTE-TOD	6.32	19.6
10466	AAD	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 64-QAM, U. Subtrame=2.3,4.7.8.9)	LTE-TD0	8.57	19.6
10467	AAG	The same the same and the same	LTE-TOO	7,62	45.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8,32	19.6
10488	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64 QAM, UL Subhamev2,3,4,7,8,9)	LTE-TOO	8.50	19.6
10470	AAG	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	7.82	19.6
10471	AAG	LTE-T00 (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subharre-2.3.4.7.8.9)	LTE-TD0	8.52	19.6

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0472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 94-QAM, UL Subhame=2,3,4,7,8,9)	ETE-T00	8.57	19.8
0.473	AAF	LTE-TDB (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subfame+2,3,4,7,8,8)	LTE-TDD	7,82	±9,8
0.474	WAF	LTE-TDO (9C-FDMA, 1 R8, 15MHz, 16 QAM, UL Subhama: 2,3,4,7,8,9)	LTE-TD0	8.32	19.6
0475	AAF	LTE-TDD (9C-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subtume=2,3,4,7,8,9)	LTE-TDD	8.57	29.6
0.477	AAG	LTE-TDD (9C-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TDD	8.32	19.6
0478	MG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subhame=2,3.4,7,8,9)	LTE-TDD	8.57	19.6
5479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
0480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,8)	LITE-TOD	8.18	49.6
0481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, LR, Subframe-2,3.4,7,8,9)	LTE-TDD	9.45	49.6
0482	AAO	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GPSK, UL Sutrivamen2; 3,4,7,8,0)	LTE-TOD	7.71	±9.5
D483	AAD	LTE-TDD (SC-FDMA, 50% PB, 3 MHz, 16-QAM, LX, Subframe=2,3,4,7,8.9)	LTE-TOD	8.00	£9.6
0484	AAD	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, LB, Subframe=2.3.4.7.8.9)	LTE-TOD	8.47	±9.6
0.485	AAG	LTE TOD (BC FDMA, 50% RB, 5MHz, OPSK, UL Subhame=2,3,4,7,8,0)	LTE-TDD	7.50	±9.8
D486	AAG	LTE-TDD (SC-FDMA, 50% PB, 5MHz, 16-QAM, UL Subharne-2.3.4.7.8.9)	LTE-TOD	8.38	19.6
D487	AAG	LTE-TOD (SC FDMA, 50% PIB. 5MHz, 64-QAM, UL Subframe=2,3.4,7,8.9)	LTE-TOD	8.60	±9.6
0488	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHu, OPSK, LA. Subframe-2,3,4,7,8,9)	LTE-TOD	7.20	±9.6
0.489	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 16 QAM, UL Subhame+2.3 A.7.8,9)	LTE-TOD	8.31	±9.6
D 490	AAG	LTE-TOD (SC-FDMA, 50% RB, 10MHz, 64-QAM, UL Subhame=2.3.4.7.8.8)	LTE-TOD	8.54	19.6
0.491	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe-2,3.4,7.6.9)	LTE-TOD	7.74	19.6
D492	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, LL Subhamer2.3.4.7.8.9)	LTE-TOD	8.41	±0.6
0490	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 54-QAM, UL Subhame-2.3.4.7.8.9)	LTE-TOD	8.55	19.6
0.694	AAG	LTE-TDD (SG-FDMA, 50% PRI, 30 MHz, QPSK, UL Subframe=2,3.4,7,8,9)	LTE-TOD	7,74	-
0495	AAG	LTE-TOD (SC-FOMA, 50% RB, 20 MHz, 16-QAM, LL Subframe 2.3.4.7.8.9)	LTE-TOD		19.6
0.495	AAG			8.37	±9.0
	Addition of the last	LTE-TDD (SC-FDMA, 50% RB, 30 MHz, 64-QAM, UL Subhamo-2,3,4,7,8,9)	LTE-TOD	8.54	±0.0
0497	AAC	LYE-TOO (SC-FOMA, 100% RB, 1.4 MHz, QPSK, Ut. Subtrame=2,3,4,7,8,8)	LTE-TOD	7.67	19.6
10.488	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subtrame=2.3.4,7,8,9)	LTII-TOD	5.40	±9.6
0.498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3.4,7,8,9)	LTE-TOD	8.88	40.0
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.0
0.002	AAD	LTE-TOD (SC-FDMA, 100% RB, 3MHz, 64 QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.52	1,9,6
0500	AAG	LTE-TOD (SC-FDMA, 100% RB, 5 MHz, QPSK, UI, Subhame=2,3,4,7,8,9)	LTE-TDD	7.72	+9,6
10504	AAG	LTE TDO (SC-FDMA, 100% RB, 5MHz, 18-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	0.31	±9.6
19505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 54-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	1,9.5
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UI, Subhame+2.3.4.7.8.9)	LTE-TOO	7.74	±9,6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subhame-2,0.4,7.6.9)	LTE-TDD	8.36	19.0
10908	AAG	LTE-TDD (9C-FDMA, 100% RB, 10 MHz, 84-GAM, UL Subhame+2,3,4,7,8,9)	LTE-TDD	8.55	19.0
10500	AAF	LTE-TOD (SC-FDWA, 100% RB, 15MHz, QPSK, Ut. Subtrame=2.3,4,7,8,8)	LTE-TDD	7.89	19.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subtrame-2,3,4,7,8,8)	LTE-YDD	0.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subharte=2,3,4,7,8,9)	LTE-TOO	8.51	19.6
10512	AAG	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-T00	7.74	:±9.6
10518	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subtrame+2.3.4,7.8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA: 100% RB: 20MHz; 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.45	19.6
10515	AAA	IEEE 802.11b WIF1 2.4 GHz (OSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.98	#9.6
10516	AAA	(EEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WEAN	1.67	±9.6
10517	AAA	HEEE 800,11b WIFI 8.4 GHz (DSSS, 11 Maps, 99pc duty cycle)	WLAN	1.56	19.5
10518	AAG	IEEE 800.11wh WIFLS GHz (OFDM, SMope, 98pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	REEE 802.11ah WIFI 6 GHz (OFDM, 12 Mbps, Mbpc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/n WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	19.6
10521	AAC	IEEE 802.11ah WIFI 6 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	19.6
10522	MC	IEEE 802 11ah WIFI 6 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0.5023	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 steps, steps duty cycle)	WLAN	8.06	411
10504	AAC	III.III 802.11ah WFI 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.00	+9.6
10525	AAC	IEEE 802.11ac WiFI (20 MHz, MCS0, Miss duty cycle)	WLAN	8.27	19.6
0.524	AAC	IEEE 802.11ac WIFI (20 MHz, MCS1, Bigo duty cycle)			49.6
10525	AAG		WLAN	8.42	±9.6
10528	AAC	IEEE 802.1 kpc WiFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	H.21	±9.6
		IEEE 802,11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WEAN	8.36	29.6
0529	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duty cycle)	WEAN	8.36	±0.6
0531	AAC	IEEE 802.11ac WiF1 (20 MHz, MC56, 88pc duty cycle)	WLAN	8,43	±9.€
0532	AAC	4EEE 802.11ac WIFI (20 MHz, MCS7, 98pc duty cycle)	WEAN	11.29	±9.6
0.033	AAC	IEEE 808 11ac WIFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.36	±9.1
10534	AAC	IEEE 802.11ac WIF1 (40 MHz, MCS0, 88pc duty cycle)	WEAN	8.45	#9.6
10535	AAC	IEEE 802.11as WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAG	IEEE 802.1 fac WF1 (40 MHz, MCB2, 98pc duty cycle)	WLAN	8.32	±9.6
10537	AAC	IEEE 802.11ac WiFI (40 MHz, MOS3, 98pc duty cycle)	WLAN	8.44	19.6
10538	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
	AAC	IEEE 802.11ac WIFI (45 MHz, MCS6, 99pc duty cycle)	WLAN	0.39	±9.6

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MD	Rev	Communication System Name	Group	PAR (dB)	Unc ^R k =
10541	AAC	IEEE 802.11ac WFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
0543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
0544	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0546	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 99cc duty cycle)	WLAN	8.35	±9.6
0547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
0548	AAC	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0552	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0553	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 99cc duty cycle)	WLAN	8.45	±9.6
0554	AAD	IEEE 802.11ac WIFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
0.555	AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
0556	AAD	IEEE 802.11ac WIFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
0557	AAD	IEEE 802.11ac WIFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
0558	AAD	IEEE 802 11ac WIF: (160 MHz, MCS4, 98pc duty cycle)	WLAN	8.61	±9.6
0550	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	6.73	±9.6
10561	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
0562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
0563	AAD	IEEE 802.11ap WIFI (160 MHz, MCS9, 99pp duty cycle)	WLAN	8.77	19.6
0564	AAA	IEEE 802 11g WFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	
0565	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 9 Mops, 99pc duty cycle)	WLAN	8.45	±9.6
0586	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.13	
0587	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 18 Mops, 99pc duty cycle)	WLAN	8.13	±9.6
0588	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 24-Nops, 99pc duty cycle)	The state of the s	8.37	177.7
0569	AAA		WLAN		±9.6
0570	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mops, 99pc duty cycle)		8.10	+9.6
	Acres de la constante de la co	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 95pc duty cycle)	WLAN	8.30	19.6
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9,6
0573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
0574	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
0575	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9,6
10577	AAA	IEEE 902.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802 11g WIF 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	19.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFOM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFOM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WIF 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	B.67	19.6
10883	AAC	IEEE 802.11a/h W/Fi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAC	IEEE 802.11a/h W/Fi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0585	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9,6
0586	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	19.6
10587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	19.6
0590	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	19.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
0.592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0583	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	19.6
0594	WVC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	19.6
0585	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	B.74	19.6
0596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	19.6
0597	AAC	IEEE 802 1 In (HT Mixed, 20 MHz, MCS8, 90pc duty cycle)	WLAN	8.72	±9.6
0598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	19.6
0000	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
0602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
0603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
0804	AAC	IEEE 902.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
THE PERSON	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
0605	A contract of the last	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0605	AAC				
	AAC	IEEE 802.11ap WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc [®] k =
0609	AAC	IEEE 802.11sc WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	19.6
0610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	19.6
0011	AAC	IEEE 802.11sc WiFi (20 MHz, MCS4, 90pc duly cycle)	WLAN	8.70	±9.6
0612	AAC	IEEE 802,11ac WIFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0813	AAC	IEEE 802.11ac WFI (20 MHz, MCSE, 90pc duty cycle)	WLAN	8.94	#9.6
0614	AAC	IEEE 802.11ac WFI (20 MHz, MCS7, R0pc duly cycle)	WLAN	8.50	±9.8
0615	AAC	IEEE 802.11ac WIFI (20MHz, MCS8, 90pc duly cycle)	WLAN	8.82	1,9.6
0616	AAC	IEEE 802,11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	19.6
10817	AAC .	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WIFI (40 MHz, MCSS, 90pc duly cycle)	WLAN	8.58	±9.8
10610	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10-620	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10821	AAC	IEEE 802.11ac WIFI (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	≡3.6
10622	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.8
10623	AAC	IEEE B02.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE B02.11ac WIF (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10/626	AAC	HEEE 802.11ac WIFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	0.03	49.0
10627	AAC	IEEE 802.11ac WIFI (88 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10626	AAC	IEEE 800.11ac WIF (80 MHz, MCS2, 90pc duty cycle)	WEAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.85	±9.8
10-630	AAC	IEEE 802 11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (86 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10635	AAC	IEEE 802.11ac WFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WFI (80 MHz, MCS7, 90pc duty cycle)	WEAN	8.83	±9,6
10634	AAC	IEEE 802,11ac W.Fi (80 MHz, MCS8, 90pc duty cycle)	WEAN	8.80	±9,6
10635	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WEAN.	8.81	±9.6
10636	AAD	IEEE 800-11ac WIFI (180 MHz, MCS0, 90pc duty cycle)	WEAN.	8.83	±9,6
10637	AAD	IEEE 802.11ac WFI (180 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	19.6
10638	AAD	IEEE 800.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9,6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8,98	±9.6
10641	(AAD	HEEE NO2.11ac W/FI (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.08	#9.6
10642	AAD	IEEE 802.11ac Wilfi (160 MHz, MCS6, 90pc duty cycle)	WEAN	9.08	#9.6
10643	AAD	IEEE 802.11ac Will (160 MHz, MOS7, 90pc duty cycle)	WLAN	8.89	#9.6
10644	AAD	IEEE 902 T1ac WIFI (185 MHz, MCS8, ROpe duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac Will (180 MHz, MCS8, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RR, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TOO	11.96	#9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subhame-2,7)	CDMA2000	11.98	±9.6
10648	AAA	COMAZGOO (1x Advanced)		8.91	19.6
10652	AAF	LTE-TOD (OFDMA, 5 MHz, E-TM 3.1, Capping 44%)	LTE-TD0	7.42	19.6
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	8.86	19.6
10665	AAF	LTE-TOD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	19.6
10:658	BAA	Pulsa Waveform (200Hz, 10%)	Test	10.00	19.6
-	BAA	Pulse Waveform (200Hz, 10%)	Test	6.99	19.6
10659	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	19.6
10861	AAB	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%)	Test	2.22	19.5
10662	AAH	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10662	AAA	Blueboth Low Energy	Bustooth	2.19	19.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 80pc duty cycle)	WLAN	9.09	19.6
10671	AAC	BIFE 802 11ax (20 MHz, MCSt, 90pt duty cycle)	WLAN	8.57	19.6
10072	AAC	BEEL BOX 1188 (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	EEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	19.6
10675	AAC	EEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	19.6
10676	AAC	SEEF 802.11as (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	19.6
10877	AAC	BEEF 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	19.6
10678	AAC	REEF 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN.	8.78	19.6
10679	AAC	EEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	19.6
10660	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	19.6
10681	AAC	IEEE 800.11as (20 MHz, MCS10, 90pc duty cycle)	WEAN	8.62	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.63	19.6
			WLAN	8.42	19.5
10882	660				
10682	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)			
10882	AAC AAC	IEEE 802.11as (20 MHz, MCS1, 89pc duly cycle) IEEE 802.11as (20 MHz, MCS1, 89pc duly cycle) IEEE 802.11as (20 MHz, MCS2, 99pc duly cycle)	WLAN WLAN	8.26	±9.6

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0687	AAC	IEEE 802.11ax (20 MHz, MCSA, 89pc duty cycle)	WLAN	8.45	19.6
0688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	19.6
0688	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802 11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0691	AAC	IEEE 802 11ax (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.25	±9.6
0692	AAC	IEEE 802,11ax (20 MHz, MCS9, 95pc duty cycle)	WLAN	8.29	±9.6
0693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0694	AAC	IEEE 802 11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	10.0
5695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
9696	AAC	IEEE 802 11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
0897	AAC	IEEE B02.11as (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.81	19.6
0698	AAC	IEEE 802,11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	
0.698	AAC	IEEE 802 11as (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	19.6
0.700	AAC	IEEE 800, 11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.73	19.6
0.701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)		8.86	
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN		19.6
0700	AAC		WLAN	8.70	(10.6
	77.70	IEEE 852.11ax (40 MHz, MCS8, 95pc duty cycle)	WLAN	8.82	19.8
0704	AAG	IEEE 802.11av (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	19.6
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.60	±8.6
706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
707	AAC	IEEE 902,11ax (40 MHz, MCSd, 99pc duty cycle)	WLAN	0.32	±9.fi
9070	AAC	IEEE 802.11ax (40 MHz, MCS1, 98pc duty cycle)	WLAN	8.55	±8.0
0.708	AAC	IEEE 802.11ax (40 MHz, MCSZ, 99pc duty cycle)	WLAN	8.33	±9.6
3750	AAC .	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.0
0711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.0
0712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±0.6
0713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.30	±9.6
0714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 802,11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	+9.6
0716	AAC	IEEE 802,11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
0.717	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
0718	AAC	IEEE 802,11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±8.6
0720	AND	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.67	±9.6
6721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
0722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±8.6
0729	AAC.	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	+9.6
0724	AAC	IEEE 802:11ax (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	±9.0
0725	AAC	IEEE 802 11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	19.0
0726	AAG	IEEE 802.11ax (90 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	19.6
0727	AAC	IEEE 800,11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	800,000	
0728	AAC	IEEE 802,11ax (80 MHz, MCS9, 90pc duty cycle)		8,66	#9.6
0729	AAC	IEEE IIO2,11ax (90 MHz, MCS10, 90pc duty cycle)	WLAN	9.65	±9.6
0730	AAC	IEEE 807.11ax (80 MHz, MCS11, 90pc duty cycle)		8.64	±9.6
	AAC		WLAN	8.67	±9.6
0731		IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	土8.6
0732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty (yole)	WLAN	8.46	+9.6
0733	AAC	(EEE 802.11ax (60 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
0.734	AAC	IEEE 902.11ax (90 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.0
736	AAG	IEEE B02.11ax (B0 MHz, MCS4, 90pc duty cycle)	WLAN	8.33	±0.6
0736	AAC:	IEEE 802.11ax (80 MHz, MCSS, 9thpc duty cycle)	WLAN	8.27	±0.0
0757	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
0738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	19.8
0729	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	6.29	±9.6
0740	AAC	IFFE BOQ.11ax (80 MHz, MCSS, 99pc duty cycle)	WLAN	8.48	18.6
0.741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
743	AAC	IEEE 902.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.0
744	AAC	IEEE 802.11ax (160MHz, MGS1, 90pc duty cycle)	WLAN	9.18	±0.6
0745	AAC	IEEE 902 11ax (160 MHz, MCS2, 50pc duty cycle)	WLAN	8.93	19.6
5746	AAC	IEEE BOX 11ax (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.11	±9.6
0747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
0.748	AAC	IEEE 802.11ax (160 MHz, MCSS, 90pc duty cycle)	WLAN	8.93	19.6
0749	AAC	IEEE 802.11av (160MHz, MCS6, 90pc duty cycle)	WLAN	8.90	19.5
0750	AAC	IEEE 902.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	19.6
	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.6
0751	AAC				

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UID	Rev	Communication Bystem Name	Group	PAR (dB)	Uno A-2
10753	AAC	EEE 802,11ax (160 MHz, MCS10, 90pc duty sycle)	WLAN	9.00	49.6
10754	AAC	EEE 802.11ax (160 MHz, MCS11, 80pc duty cycle)	WUAN	5.94	60.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 95pc duty cycle)	WLAN	8.64	60.6
10756	AAC	EEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±0.6
10757	AAC	EEE 802.11ax (160 MHz, MCS2, 95pc duty cycle)	WLAN	6.77	+0.6
10758	AAC	EEE 802.11ax (160 MHz, MCS3, 98pc duty cycle)	WLAN	8.09	2.0.5
10759	AAC	EEE 802.11ax (160 MHz, MCS4, 98pc duty cycle)	WLAN	8.58	+0.6
10760	AAC	EEE 002.11 un (160 MHz, MGSS, 98pc duty cycle)	WLAN	0.49	+0.6
107E1	AAC	EEE 802.11 ax (160 MHz, MCS6, 98pc duty cycle)	WLAN :	8.58	±0.6
10762	AAC	EEE 802.11ax (160 MHz, MGS7, 98pc duty cycle)	WLAN	5.49	+0.5
10763	AAC	EEE 802.11ax (160 MHz, MCSB, 98pc duty cycle)	WLAN	8.53	±0.6
10.764	AAC	EEE 802.11ax (160 MHz, MCSR, 90pc duty cycle)	WLAN	8.54	±0.6
10765	AAC	EEE 802.11as (180 MHz, MC810, 85pc duty sycle)	WLAN	8.54	±0.6
10.766	AAC	REEE 902.11as (160 MHz, MCS11, RRpc duty sycks)	WLAN	8.51	±9.6
10.767	AAE	50 NR (CP-OFDM, 1 RB, 5MHL; QPSK, 15 H/b)	50 NR FR: TDD	7/99	±9.6
10.768	AAD	SQ NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15MHz)	90 MR FR: TDD	8.01	±9.6
10769	AAD	50 NR (CP-OFDM, 1 RB, 15MHz, GPSK, 15kHz)	90 MR FR: TDD	8.01	29.6
10770	AAD	SG NY (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	29.5
10771	AAD	SO NR (OP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	SO NR FR1 TOD	8.00	29.8
10772	AAD	SQ NR (CP-CYCM, 1 RB, 30 MHz, CPSK, 15 kHz)	SO NR FR1 TOD	6.23	19.6
10773	AAD	50 NR (CP-OFDM, 1 RB, 40 MHz, GPSK, 15 kHz)	SO NR FR1 TOD	8.00	29.6
10774	AAD	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.00	19.0
10775	AAD	SO NR (CP-CPOM, SO% RB, SMH), QPSK, 15 kHz)	50/NR FR1 700	8.81	19.6
10776	AAD	50 NFI (CP-OFDM, 50% RB, 10MHz, OPSK, 154Hz)	SG NR FR1 7DD	8.30	19.6
10777	AAC	SQ MF (CP-OFDM, SO% RB, 15 MHz, QPSK, 154Hz)	SG NR FR1 TDD	6.30	19.0
10778	AAD	50 MF (CP-OFDM, 50% RB, 20 MHz, CPSK, 154/b)	SG NR FR1 TDD	8.34	19.6
10.770	AAD	50 MN (CP-OFDM, 50% RB, 25 MHz, QPSK, 154Hb)	50 NR FR1 100	8.42	19.0
10.790	AAD	50 NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 154Hz)	90 NR FR1 700	6.36	19.6
16781	AAD	50 MF (CP-CFOM, 50% RB, 40 MHz, CPSK, 15 kHz)	SG/NR FR1 TDD	6.36	19.0
10782	AAD	50 NR (CP-CFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 TDO	6.43	29.6
10793	AAE	5G MR (CP-CFDM, 100% RB, 5 MHz, CPBK, 15 kHz)	SG NR FR1 TDD	6.31	19.0
10784	AAD	50 NR (CP-CFDM, 100% RB, 10 MHz, GPSK, 15 MHz)	SG NR FR1 TDD	8.29	19.0
10785	AAD	5G MF (CP-CFCM, 100% RB, 15 MHz, GPSK, 15 kHz)	80 NR FR1 TDD	8.40	29.0
10798	AAD	50 NR (CP-CFDM, 100% RB, 20 NRb, GPSK, 15 NRb)	SG NR FR1 TDD	8.35	19.0
10787	AAD	5G NA (CP-CFOM, 100% AB, 25 MHz, GPSK; 15 kHz)	SG NR FR1 TDO	8.44	19.0
10.788	AAD	50 NA (CP-CFDM, 100% AW, 30 MHz, GPSK, 15 kHz)	90 NR FR1 TDD	8,38	19.6
10799	AAD	5G NA (CP-CFOM, 100% RE, 40 MHz, CIPSK, 15 WHz)	SG NR FR1 TDD	8.37	19.0
10790	AAD	5G NR ICP OFON, 100% RB, SOMHE, QPSK, 15WHZ	30 NR FR1 TDD	8.39	19.0
10.791	AAE	BG NR (CP-OFOW, 1 RB, 5 MHL, QPSK, 90 MHL)	SG NR FRE TOO	7.88	29.0
10792	AAD	BG NR (CP-OFOM, 1 RB, 10 MHz, QPSK, 30 NHz)	SQ NR FR1 TDD	7.92	19.0
10793	AAD	5G NR (CP-CFOM, 1 RB. 15 MHz, QPSK, 30 NHz)	SG/NR FR1 TDD	7.86	29.0
10794	AAD	5G NR (CP-OFOW, 1 RB, 20 MHz, QPSK, 30 MHz)	SGAR FRI 100	7.82	19.0
10795	AAD	SG NR (CP-OFOM, 1 RB, 25 MHz, QPSK, 30 NHz)	SG AR FRI TDD	7,84	29.0
10799	-AAD	SG NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 30 NHz)	50 NR FRI TDD	7.82	29.6
10797	DAA	SG NR (CP-GFOM, 1 RB, 40 MHz, GPSK, 30 MHz)	SG NR FR: TDD	8.01	29.0
10798	AAD	5G NR (CP OFOM, 1 RB, 50 MHz, QPSK, 30 NHs)	90 NR FR: TDD	7.88	29.6
10798	AAD	SG NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 90 kHz)	90 NR FR: TDD	7.93	20.6
10801	MAD	SG NR (CP OFDM, 1 RB, 80 MHz, QPSK, 90 kHz)	90 MR FR: TDD	7.86	19.6
10.003	-AAD	SG NR (CP-CFDM, 1 RB, 90 MHz, GPSK, 36 NHs)	90 NR FR: TDD	7,67	29.6
10.003	DAA	SG NR (CP-OFOM, 1 RB. 100 MHz, GPBK, 30 MHz)	50 NR FR: TDD	7.93	29.6
10.60%	AAD	SG NR (CP-CFOW, 50% R8, 10 MHz, CPSK, 30 MHz)	50 NR FR: TDD	8.84	29.6
10.606	AAD	SG NR (CP-CFDM, 50% R8, 15 MHz, CPSK, 30 MHz)	90 NR FR1 TDD	8.07	20.6
10.609	AAD	SG NR (CP-OFDM, 50% RB, 30 MHz, GPSK, 30 MHz)	90 NR FR: TDD	6.34	29.6
10910	AAD	SG NR (CP-OFOW, 50% RB, 40 MHz, GPSK, 30 MHz)	90 NR FR1 TDD	5.34	19.6
10.012	AAD.	55 NR (CP-OFDM, 50% R8, 46 MHz, GPSK, 36 MHz)	90 NR FRS TDD	6.35	29.6
0817	AAE	5G NR (CP-CFDM, 100% RB, 5MHz, GPSK, 30MHz)	90 NR FR1 TDD:	8.35	29.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SO NH FHI TOO	8.34	29.6
10819	AAD	505 NR (CP-OFDM, 100% RB, 15 MHz, GPBK, 30%Hz)	SO, NH PHI TDO	8.33	19.6
10.620	AAD	5G NR (CP-OPDM, 100% RB, 30 MHz, QPSK, 30 kHz)	SO NH FHI TDD	8.30	29.6
0821	AAD	5G NR (CP-OFOM, 100% RR, 25 MHz, QPSK, 36 kHz)	50 NR PRI TOD	8.43	20.6
10:622	AAD	5G NR (CP-CPCM, 100% RB, 30 MHz, GPSK, 36 kHz)	50.98 (81 700	8.61	±9.6
10623	AAII	5G NR (CP-OFDM, 100% RB, 40 MHz; QPSK, 36 kHz)	50 NW PW1 TDD	8-36	±0.6
10624	AAD	50 NR (CP-OFOM, 100% RR, 50 MHz, GPSK, 30 NHz)	SG NR FRETDO	8.39	±0.6
10625	AAD	5G NR (CP-OFOM, 100% RB, \$6 MHz; GPSK, 36 MHz)	50 NR PRI 700	8.41	2.0.6
TEBOT	AAD:	5G NR (CP-CIFOM, 100% RR, 80 MHz, CPSK, 30 KHz)	50 MR FRETOD	8.42	19.6
		SG NR (CP-CIFOM, 100% RB. 90 MHz. CPSK, 30 KHz.)	50 MR FRI TOD		

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UID	Hev	Communication System Name	Group	PAR (dB)	Unc [®] it = 2
10829	AAO	5G NR (CP OFDM, 100% RB, 100 MHs, CPSK, 30 MHs)	59 NR FR1 TD0	8.40	49.6
15890	AAD	5G NR (CP-GFDM, 1 RB, 10NHsr, GPSK, 60NHsr)	56 NR FR1 100	7.63	±9.6
10801	AAD	5G NR (OF-OFOM, 1 RB, 15MHz, QPSK, 80KHz)	5G NR FR1 T00	7.73	19.6
10800	AAD.	5G NR (CP-OFDM, 1 RB, 20MHz, OPSK, 60kHz)	SG NR FR1 TDO	7.74	5.9.0
10833	AAD	5G NR (CP-OFOM, 1 RB, 25MHz, GPSK, 60KHz)	50 NR FR1 TDD	7.70	49.6
10834	AAD	5G NR (CP-OFOM, 1 RB, 30 MHz, GPSK, 60 kHz)	50 NR FRI TDO	7.75	19.6
10885	AAD	5G NR (CP CFDM, 1 RB, 40 MHz, CPSK, 80 MHz)	66 NR FR1 TDD	7,70	10.0
10836	AAD	50 NR (CP-CFDM, 1 RB, 50 MHz, CPSK, 60 MHz)	50 NR FR1 TDO	7,88	19.0
10807	AAD	5G NR (CP-OFOM, 1 RB, 60 MHz, QPSK, 50 kHz)	50 NR FRI TDD	7,68	±9.6
10809	AAD	SG NR (CP-OFOM, 1 RB, 80 MHz, CPSK, 80 kHz)	SG NR FR1 TDO	7.70	±9.6
10840	AAD	53 NR (CP-OFOM, 1 RB, soweu, OPSK, soxetr)	56 NR FR1 TDD	7.67	4/9/4
30841	AAO	ISS NR (CP-OFOM, 1 RB, 100 MHz, CPSK, 60 NHz)	5G NR FRETDO	7.71	±9.6
10843	AAD	SG NR (OP-OFOM, 50% RB, 15 MHz, QPSK, 60 kHz)	SG NR FRETDO	8.48	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, GPSK, 60 kHz)	36 NR FR1 TDO	8.34	9.00
10846	AAD	SQ NR (CP-OFOM, 50% RB, 30 MHz, QPSK, 90 kHz)	50 NR FR1 TDD	8.41	±9.6
10854	AAD	5G NR (CP-GFDM, 100% R8, 10 MHz, QPSK, 66 kHz)	50 NR FR1 TDD	8.34	19.6
10855	WD	BG NR (CP GFOM, 100% RB, 15MHz, GPSK, 40 kHu)	5G NR FR1 700	8.38	4/8/4
10856	AAD	SG NR (CP-OFOM, 100% RB, 20MHz, GPSK, 65KHz)	56 NR FRI TOO	8.37	19.0
10857	AAD	5G NR (CIP-OFOM, 100% RB, 25 MHz, GPSK, 60 kHz)	5G NR F/II) TDD	8.35	19.6
10858	AAD	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	50 NR FRI TDO	8.36	3/9/6
10859	AAD.	SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	50 NR FRI TOO	5.34	3.0 %
10860	AAD	SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	50 NR FRI TDD	8.41	19.6
10881	AAD	SG NR (CP-OFOM, 100% RB, 60 MHz, QPSK, 66 kHz)	50 NR FRI TDD	6.40	19.6
10863	AAD	SG NR (CP OFOM, 100% RB, 80 MHz, QPSK, 65 kHz)	5G NR FR) TDO	6.41	49.0
10864	AAD	SG NR (CP-OFOM, 100% RB, 90 MHz, QPSH, 60 kHz)	5G NR FRI TDO	8.37	49.6
10888	AAD	SG NR (CP-CFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	50 NR FRI TDO	8.41	19.6
10866	AND	SG NR (DFT-s-GFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FRI TDO	5.66	::9.6
10866	MD	99 NR (OFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	63 NR FR1 TDO	5.89	20.0
10869	AAE	5G NA (DFT-a-OFDM, 1 MB, 100 MHz, GPSK, 120 kHz)	5G NR FRZ TDD	5.75	±9.6
10870	AAE	SG MR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz)	5G NR FRZ TDO	5.86	19.6
10871	AAE	5G NR (OFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FRE TDO	5.75	8,9,8
10872	AAE	5G NR (OFT-s-OFDM, 100% RB, 100MHz, 16GAM, 120 kHz)	9G NR FRZ YDO	6.52	49.6
10873	ME	5G NR (OFT-a-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FRQ TDD	6.61	±9.8
10874	AAE	5G NR (OFT-s-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz)	5G NR FRETDO	9,66	19.6
10875	AAE	5G NR (CP-OFOM, 1 RB, 100 MHz, QPSK, 120 kHz)	6G NR FRETDO	7.76	0.0 a
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TDO	8.30	±9.0
10827	AAE	50 NR (CP-OFOM, 1 RB, 100 MHz, 160 AM, 120 KHz)	50.NR F992 TDD	7.96	±9.6
10878	AAE	5G NR (CP-OFOM, 100% RB, 100MHz, 19QAM, 1204Hz)	5G NR FRE TOO	8.41	19.6
10879	AAE	5G NR (CP-OFOM, 1 RB, 100 MHz, 54QAM, 120 kHz)	SG NR FR2 TDD	8.12	20,000
10880	AAE	5G NR (CP-OFOM, 100% RB, 100MHz; 64QAM, 1304Hz)	5G NR FRZ TDO	8.36	±9.6
10881	AAE	5G NR (DFT-e-DFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	50 NR FYU TDO	5.75	±9.6
100801	AAE	SG NR (DFT-s OFDM, 100% RB, 50 MHz, QPSK, 120 HHz)	5G NR FRE TDO	5.96	8.8.6
10883		5G NR (DFT+: OFDM: 1 RB, 50 MHz; 16QAM, 120 MHz)	5G NR FR2 TDD	8.57	28.6
10884	AAE	5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FRE TOD	6.53	±9.6
		SQ NR (DFT-e-GFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	1.0.0
10886	AAT	SG NR (DFT+) OFDM, 100% RB, 50 MHz, 64QAM, 120 NHz)	5G NA FR2 YDD	6.65	±0.0
10887	AVE	SG NR (CP-OFOM, 1 RB, 50 MHz, GPSK, 130 kHz)	50 NR FR2 TDD	7.78	±9.6
10888	AAE	50 NR (CP-OFOM, 100% RB, 50 MHz, QPSK, 120 kHz)	50 NR FR2 TOD	6.35	19.6
10889	AAE	50 NR (CP-OFDM, 1 RR, 50 MHz, 16GAM, 120 HHz)	5G NR FR2 TOD	8.02	1.0.6
10890	AAF	SG NR (CP-OFDM, 100% R8, 50 MHz; 16QAM, 120 MHz)	BG NR FRE TOD	8.40	±0.€
the state of the s	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 64QAM, 180kHz)	5G NR FR2 TOD	8.13	±9.6
10992	AAC	SG NR (CP-OFDM, 100% RB, 507AHz, 64QAM, 120KHz)	SG NA FRE TOO	8.41	19.6
10897	AAU	90 NR (DFTe-OFDM, 1 RB, SMHz, QPSK, 35 kHz) 90 NR (DFTe-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	86 NR FR1 T00	5.66	10.6
			BG NA FRI TOD	5.67	19.6
0000	AAB	SG NR (DFTOFDM, 1 RB, 15 MHz, QPSK, 30 MHz)	5G NR FR1 TOD	5.67	±9.6
		50 NR (DFT-6-OFDM, 1 PR, 30 MHz, QPSK, 30 kHz)	ag NR FR1 TOD	1.68	19.6
10901	AAB	50 NR (DFT+-OFDM, 1 RR, 25 MHz, QPSK, 36 kHz)	IIG NR FRI TOO	5.68	19.6
10002	AAB	NO NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	5.60	19.6
10903		ISS NR (DFT a OFDIA, 1 RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	5.68	19.6
10904	VVS	50 NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 NHz)	SG NR FR1 TOO	5.68	19.6
10909	AAB	SG NR (DFT-4-DFDM, 1 RB, 60 MHz, QPSK, 30 4Hz)	SG NR FR1 T00	5.68	19.6
101005	AAB	SG NR (DFT-s-DFDM, 1 RR, 80 MHz, QPSK, 30 kHz)	SG NR FR1 TOO	5.68	19.6
10807	AAC:	53 NR (DFT a DFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	SG NR FR1 TDO	5.78	19.6
10908	AAB	50 NR (DFT-a-DFDM, 50% RB, 10 MHz, GPBK, 30 kHz)	9G NR FR1 TDD	5.93	42.5
10009	AAB	5G NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 30MHz)	SG NR FR1 T00	5.96	19.6
10910	AAB :	5G NR (DFT+-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	50 NR FR1 TDO	5.63	12.0

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EX3DV4 - SN:3768

July 18, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unce k = 2
10911	AAB	5G NR (DFT-4-OFOM, 50% RB, 25 MHz, QPSK, 30 HHz)	SG NR FR! TDD	5.93	#9.6
10912	AAB	5G NR (OFT-s-OFDM, 50% R8, 30 MHz, QPSK, 30 kHz)	56 NR FR: TDD	5.84	±0.6
10913	AAB	5G NR (DFT-a-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19.6
10914	AAB	5G NR (OFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	5.85	±8.5
10915	BAA	5G NR (DFT-e-OFOM, 50% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.83	±9.6
10915	AAB	5G NR (OFT-a-OFOM, 50% RB, 80 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.87	±9.6
10917	SAA.	50 NR (DFT+-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-a-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	50 NR FR1 TOD	5.86	±9,6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 MHz)	5G NR FR1 TOD	5.86	±9.6
10920	BAA	5G NR (OFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.87	±9.6
10921	BAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.84	±9.6
10922	BAA	5G NR (DFT-e-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-e-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.84	±9.6
10924	BAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAH	50 NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	BG NR FR1 TDD	5.96	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	BAA	5G NR (DFT-e-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9:6
10928	MAC	5G NR (DFTs-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.52	±9.6
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 MHz)	5G NR FR1 FD0	5.51	±9.6
10932	AAC	5G NR (DFT-e-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5.51	±9.6
10933	AAC	SG NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.8
10934	AAC	SG NR (DFT-b-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDO	5.51	±9.6
10936	AAC	SG NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
10937	MAC	5G NR (DFT ₈ -OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,77	±9.6
10938	AAC	5G NR (DFT+s-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.5
10939	AAC	SG NR (DFT+ OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.82	±9.6
10940	AAC	SG NR (DFT-8-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.89	±9:6
10941	AAC	8G NR (DFT-6-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±9.8
10943	AAD	SG NR (DFT+6-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	50 NR FR1 FDD	5.95	±9.6
10944	AAC	SG NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	50 NR (DFT-e-OFDM, 100% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	SG NR (DFT a OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	SQ NR (DFT-e-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAC	SG NR (DFT:s-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	SG NR (DFT-e-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5:87	±9.6
10950	MAC	SG NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAD	SG NR (DFT-e-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10962	AAA	6G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NA FR1 FDD	8.25	±9.6
10953	AAA	SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64 QAM, 15 kHz)	5G NA FA1 FOD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.42	±9.6
10956	AAA	SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10967	AAA.	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	8G NR FR1 FD0	8.31	±9.6
10958	AAA.	50 NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.61	±9.6
10969	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 F00	8.33	±9.6
10960	AAC	50 NR DL (CP-OFDM, TM 3.1, 5 MHz, 54-QAM, 15×Hz)	5G NR FR1 T00	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 18 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	19.6
10982	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NA FR1 TOD	9.55	±9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 19 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.37	19.6
10966	AAB	SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.8
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	50 NA FR1 TOD	9.42	±9.6
10968	AAB	9G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	BG NR FR1 TDD	9.49	±9:8
10972	BAA	50 NR (CP-OFOM, 1 RB, 20MHz, QPSK, 15KHz)	5G NR FR1 TD0	11.59	±9.6
10973	BAA	5G NR (OFT-6-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	9.06	±9.6
10974	BAA	5G NR (CP-OFOM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	SQ NR FR1 TDD	10.28	±9.6
10976	AAA	ULLA BOR	ULLA	1.18	19.6
10979	AAA	ULLA HOR4	ULLA	8.58	±8.6
10980	AAA.	ULLA HORB	ULLA	10.32	19.6
10981	AAA	ULLA HORp4	ULLA	3.19	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Uno* k = 2
10983	AAA	50 NR DL (CP-OFOM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	50 NR FR1 TOD	9.31	19.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15kHz)	5G NR FR1 TOD	9.42	49.6
10965	AAA	5G NR DL (CP-DFDM, TM 3.1, 40 MHz, 84-QAM, 30 kHz)	5G NR FRI TOD	8.54	±9.8
10006	AAA	50 NR DL (CP-DFDM, TM 8.1, S0 MHz, 64 QAM, S0 NHz)	5G NH FRI TOD	9.50	19.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G MR FR1 TOD	9.53	+0.6
10988	AAA	5G NR DL (CP-OFOM, TM S. 1, 70 MHz, 64-QAM, 30 kHz)	5G NR FRI TOD	9.38	29.6
10009	AAA	5Q NR DL (CP-OFOM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	50 MR FRI TOD	9.33	19.6
10990	AAA	5G NR DL (CP-OFDM, TM 5.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.52	49.6
11003	AMA	5G NR DL (CP-DFDM, TM:3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	10.24	+9.6
11004	AAA	5G NR DL (CP-OFDM, TM:3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	10.73	19.6
11005	AAA	5G NR DL (CP-OFOM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NA FRI FOD	8.70	49.0
11005	AAA	5G NR DL (CP-DFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	49.6
11007	AAA	50 NR DL (CP-OFOM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	50 NR FRI FOD	8.45	±9.6
11008	AAA	5G NR DL (CP-OFOM, TM 3.1, 50 MHz, 54-QAM, 15 kHz)	5G NR FR1 F00	8.51	19.5
11008	AAA	5G NR DL (CP-OFOM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G MR FFRI FDD	8.76	±9.6
11810	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 F0D	0.95	19.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	BG NR FR1 FOD	8.96	19.6
11.012	AAA	5G NR DL (CP-OFDM, TM 5.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FRI FOD	8.66	19.6
11013	AAA	IEEE 802.11bw (320 MHz, MCS1, 98pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 90pc duty cycle)	WLAN	8.45	19.5
11015	AAA	IEEE 802,11be (320 MHz, MCS3, 98pc duty cycle)	WLAN	8.44	19.6
11015	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	49.6
11017	AAA	IEEE 902.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	19.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty dydle)	WLAN	8.40	19.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 98pc duty cycle)	WLAN	8.29	19.6
11.000	AAA	IEEE 800.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	198
11 021	AAA	IEEE 802.11bw (320 MHz, MCSII, 9Rpc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MC810, 99pc duty cycle)	WLAN	8.36	12.6
11023	AAA	HEEE 800,11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	19.6
11024	AAA.	IEEE 802.11be (320 MHz, MCS12, 98pc duty cycle)	WLAN	8.42	+0.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCSD, 98pc duty cycle)	WLAN	8.09	19.6

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

ILAC MRA



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

S 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.

EX-7309 Jun23

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7309

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 19, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03864)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016 Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013 Jan23)	Jan 24

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

Calibrated by Jeton Kastrati Laboratory Technician Signature

Approved by Svan Kúhn Technical Manager

Issued: June 20, 2023

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

Certificate No: EX-7309_Jun23

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

ILAC MRA



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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Glossary

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

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

Polarization φ φ rotation around probe axis

normal to probe axis

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field potarization ∂ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF1.
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvE
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z, Bx,y,z, Cx,y,z, Dx,y,z, VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- · Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Gertificate No: EX-7309 Jun23

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EX3DV4 - SN:7309

June 19, 2023

Parameters of Probe: EX3DV4 - SN:7309

Basic Calibration Parameters

Sec. 10. Sec. 10. Leave	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) ^A	0.51	0.55	0.66	±10.1%
DCP (mV) B	104.4	104.4	108.4	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	$dB\sqrt{\mu V}$	С	dB	mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0:00	1.00	0.00	147.6	±1.5%	±4.7%
		Y	0.00	0.00	1.00		118.4		
		Z	0.00	0.00	1.00	1	138.2		
10352	Pulse Waveform (200Hz, 10%)	X	19.51	88.22	19.10	10:00	60.0	±3.0%	±9.6%
		Y	1.60	60.88	6.28	1	60.0		
		Z	1.66	61,29	6.62		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	88.72	18.01	6.99	80.0	±2.5%	±9.6%
		Y	8.00	72.00	9.00		80.0		
		Z	0.84	60.00	4.88		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	89.36	16.85	3.98	95.0	±2.8%	±9.6%
		Y	0.37	154.81	4.27		95.0	=	
		Z	0.08	132.02	0.02		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	87.33	14.64	2.22	120.0	±1.7%	±9.6%
		Y	8.21	159.67	19.56		120.0	-200	Sec.
		Z	5.54	159.98	13.52		120.0		
10387	QPSK Waveform, 1 MHz	X	1.55	64.47	14.06	1.00	150.0	±4.3%	±9.6%
	CERTIFICATION NUMBER	Y	0.59	63.65	11.85		150.0		
		Z	0.40	60.84	10.03		150.0		
10388	QPSK Waveform, 10 MHz	X	2.22	67.80	15.27	0.00	150.0	±1.1%	±9.6%
		Y	1.35	65.47	13.65	7000	150.0	- 1490000	10.045 V
		2	1.12	63.78	12.47		150.0		
10396	64-QAM Waveform, 100 kHz	1 X	3.18	71.78	19.11	3.01	150.0	±1.0%	±9.6%
		Y	1.73	64.93	16.10	25.0	150.0		(20,30)
		Z	1.70	64.82	16.04		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.52	67.20	15.61	0.00	150.0	±2.5%	±9.6%
	SERVING PROFESSION SOCIAL PROFESSION SERVING S	Y	2.84	66.08	14.94	33.00	150.0	- W. C.	1357.41
		2	2.76	66.07	14.80		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.77	65.15	15.14	0.00	150.0	±4.4%	±9.6%
		Y	3.85	65.74	15.15	5335	150.0	三年代的政	-1110000
		2	3.75	65.84	15.05		150.0		

Note: For details on UID parameters see Appendix

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

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A The uncertainties of Norm X.Y.Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

If Linearization parameter uncertainty for maximum specified field strength.

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



EX3DV4 - SN:7309

June 19, 2023

Parameters of Probe: EX3DV4 - SN:7309

Sensor Model Parameters

	C1 fF	C2 fF	ν-1	T1 msV-2	T2 msV ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
X	53.7	396,98	34.84	11.22	0.29	5.06	1.69	0.23	1.01
y	10:8	78.69	33.88	3.07	0.00	4.90	0,51	0.00	1.00
2	9.6	69.70	33.47	4.69	0.00	4.94	0.64	0.00	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	56.9°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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



EX3DV4 - SN:7309 June 19, 2023

Parameters of Probe: EX3DV4 - SN:7309

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	10.04	9.23	10.32	0.40	1.27	±12.0%
835	41.5	0.90	9.82	8.70	9.76	0.39	1.27	±12:0%
900	41.5	0.97	9.54	8.68	9.57	0.38	1.27	±12.0%
1450	40.5	1.20	8.46	7.67	8.71	0.47	1.27	±12.0%
1750	40.1	1.37	8.36	7,55	8.61	0.25	1.27	±12.0%
1900	40.0	1.40	8.19	7,47	8.43	0.27	1.27	±12.0%
2300	39.5	1.67	7.83	7,16	8.10	0.30	1.27	±12.0%
2450	39.2	1.80	8.06	7.37	8.34	0.28	1,27	±12.0%
2600	39.0	1.96	7.70	7.06	7.97	0.28	1.27	±12.0%
3300	38.2	2.71	7.27	6.65	7.51	0.33	1.27	±14.0%
3500	37.9	2,91	7.35	6.73	7.62	0.32	1,27	±14.0%
3700	37.7	3.12	6.95	6,37	7.22	0.30	1.27	±14.0%
3900	37,5	3.32	7.09	6.50	7.36	0.30	1.27	±14.0%
5250	35.9	4.71	5.74	5.24	5.90	0.37	1.53	±14.0%
5600	35.5	5.07	4.97	4.50	5.17	0.37	1.75	±14.0%
5750	35.4	5.22	5.20	4.68	5.37	0.37	1.84	±14.0%
5800	35.3	5.27	5.01	4.52	5.23	0.39	1.86	±14.0%

Executing validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), clisa it is restricted to ±50 MHz. The uncertainty is the RSS of the Comif 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 Comif assessed at 8 MHz is ±9 MHz, and Comif assessed at 13 MHz is ±9 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

The probes are calibrated using fiscus simulating liquids (TSL) that deviation for a 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 0.7 - 3 GHz and 13.1% 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 to district from the