

Appendix A.5 Probe Calibration certificate (EX3DV4 SN7770)

Calibration Laboratory of
Schmid & Partner
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Accreditation No.: **SCS 0108**

Client: **Eurofins KCTL**
Gyeonggi-do, Republic of Korea

Certificate No. **EX-7770_Nov24**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:7770**

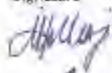
Calibration procedure(s): **QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,
QA CAL-25.v8
Calibration procedure for dosimetric E-field probes**

Calibration date: **November 22, 2024**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.
All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 1)°C and humidity < 70%.
Calibration Equipment used (M&E critical for calibration)

Primary Standards	ID	Cal. Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-251	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-3.5 (weighted)	SN: 1249	23-Sep-24 (OCP-DAK3.5-1249_Sep24)	Sep-25
OCP DAK-12	SN: 1016	24-Sep-24 (OCP-DAK12-1016_Sep24)	Sep-25
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04048)	Mar-25
DAF4	SN: 860	25-Feb-24 (No. DAE4-860_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7348	03-Jun-24 (No. EX3-7348_Jun24)	Jun-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41233874	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41488067	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Sep-24)	In house check: Sep-26

	Name	Function	Signature
Calibrated by	Jasmina Lieschaj	Laboratory Technician	
Approved by	Sven Köhn	Technical Manager	
Issued: November 22, 2024			
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			

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Glossary

TSL	tissue simulating liquid
NORM _{x,y,z}	sensitivity in free space
ConvF	sensitivity in TSL / NORM _{x,y,z}
DCP	diode compression point
CF	crest factor (1/4 duty cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865884, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}: Assessed for E-field polarization $\theta = 0$ ($f \leq 800$ MHz in TEM-cell; $f > 800$ MHz: R22 waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM_{eff,x,y,z} = NORM_{x,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.
- DCP_{x,y,z}: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signals; 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.
- A_{x,y,z}; B_{x,y,z}; C_{x,y,z}; D_{x,y,z}; VR_{x,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 $f \leq 800$ 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 NORM_{x,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 NORM_x (no uncertainty required).

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Parameters of Probe: EX3DV4 - SN:7770

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.47	0.52	0.55	$\pm 0.1\%$
DCP (mV) ^B	105.3	104.8	102.6	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{\mu V}$	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	119.1	$\pm 2.1\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		137.8		
		Z	0.00	0.00	1.00		130.2		
10352	Pulse Waveform (200Hz, 10%)	X	1.39	60.00	6.14	10.00	60.0	$\pm 2.7\%$	$\pm 9.6\%$
		Y	1.65	61.35	6.90		60.0		
		Z	1.65	61.32	6.83		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.79	60.00	4.98	6.99	60.0	$\pm 2.1\%$	$\pm 9.6\%$
		Y	0.79	60.00	5.13		60.0		
		Z	0.75	60.00	5.02		60.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.02	124.94	0.56	3.98	95.0	$\pm 2.6\%$	$\pm 9.6\%$
		Y	0.00	123.94	2.19		95.0		
		Z	0.22	144.59	0.01		95.0		
10355	Pulse Waveform (200Hz, 80%)	X	9.10	115.56	1.38	2.22	120.0	$\pm 1.4\%$	$\pm 9.6\%$
		Y	0.40	60.00	2.77		120.0		
		Z	8.66	130.69	9.75		120.0		
10387	QPSK Waveform, 1 MHz	X	0.61	67.18	15.04	1.00	150.0	$\pm 3.0\%$	$\pm 9.6\%$
		Y	0.58	63.50	12.52		150.0		
		Z	0.69	67.54	15.19		150.0		
10388	QPSK Waveform, 10 MHz	X	1.49	68.69	15.18	0.00	150.0	$\pm 0.9\%$	$\pm 9.6\%$
		Y	1.36	65.56	15.98		150.0		
		Z	1.54	68.27	15.37		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.61	63.95	15.70	3.01	150.0	$\pm 1.1\%$	$\pm 9.6\%$
		Y	1.56	63.13	15.24		150.0		
		Z	1.69	64.53	16.01		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.79	66.81	15.47	0.00	150.0	$\pm 1.2\%$	$\pm 9.6\%$
		Y	2.82	65.99	15.02		150.0		
		Z	2.93	67.02	15.68		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.80	66.80	15.69	0.00	150.0	$\pm 2.0\%$	$\pm 9.6\%$
		Y	3.99	66.40	15.54		150.0		
		Z	3.88	66.49	15.66		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%.

^A The uncertainties of Norm X,Y,Z do not affect the E² field uncertainty inside 1BL (see Pages 5 and 6).

^B Uncertainty parameter uncertainty for maximum specified field strength.

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

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Sensor Model Parameters

	C1 IF	C2 IF	n V^{-1}	T1 $ms V^{-2}$	T2 $ms V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	7.8	55.99	33.20	2.34	0.00	4.90	0.38	0.00	1.00
y	10.6	76.06	33.72	2.58	0.00	4.91	0.22	0.00	1.00
z	9.2	67.03	34.22	1.72	0.00	4.90	0.42	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	15.7°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Oversail Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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Parameters of Probe: EX3DV4 - SN:7770

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^E	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
750	41.9	0.89	8.27	8.37	8.89	0.37	1.27	±11.0%
850	41.5	0.92	7.93	8.03	8.52	0.36	1.27	±11.0%
900	41.5	0.97	7.77	7.96	8.35	0.36	1.27	±11.0%
1750	40.1	1.37	7.05	7.14	7.58	0.35	1.27	±11.0%
1900	40.0	1.40	6.81	6.90	7.32	0.35	1.27	±11.0%
2300	39.5	1.67	6.66	6.74	7.16	0.35	1.27	±11.0%
2450	39.2	1.80	6.48	6.55	6.96	0.34	1.27	±11.0%
2800	39.0	1.96	6.37	6.45	6.85	0.34	1.27	±11.0%
5250	35.9	4.71	5.19	5.25	5.57	0.30	1.27	±13.1%
5600	35.5	5.07	4.70	4.76	5.05	0.28	1.27	±13.1%
5800	35.3	5.27	4.67	4.73	5.02	0.26	1.27	±13.1%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DAS-V4.3 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

^E The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ' and σ by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

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

^H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol OF in

Table 9 of IEC/IEEE 62209-1:2020.

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Parameters of Probe: EX3DV4 - SN:7770

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^H (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (K=2)
6500	34.5	6.07	4.86	5.02	5.33	0.20	1.27	±15.6%

^C Frequency validity at 6.5 GHz is: ~6000~7000 MHz and ~7000 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than $\pm 1.0\%$ from the target values (typically water (than $\pm 8\%$)) and are valid for TSL with deviations of up to $\pm 10\%$.

^G Alpha/Depth are determined during calibration. SPFA3 warns that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz, below 12% for frequencies between 3~6 GHz, and below 14% for frequencies between 6~10 GHz at any distance larger than half the probe tip diameter from the boundary.

^H The stated uncertainty is the total calibration uncertainty (K=2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF1.

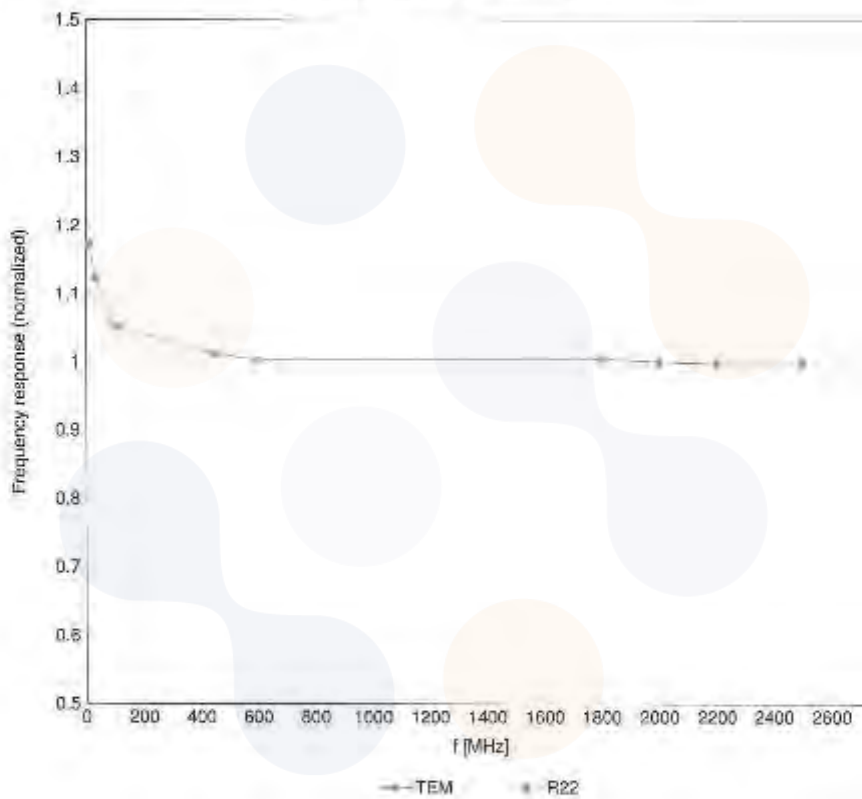
Table 6 of IEC/IEEE 62209-1628:2020.

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Frequency Response of E-Field

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

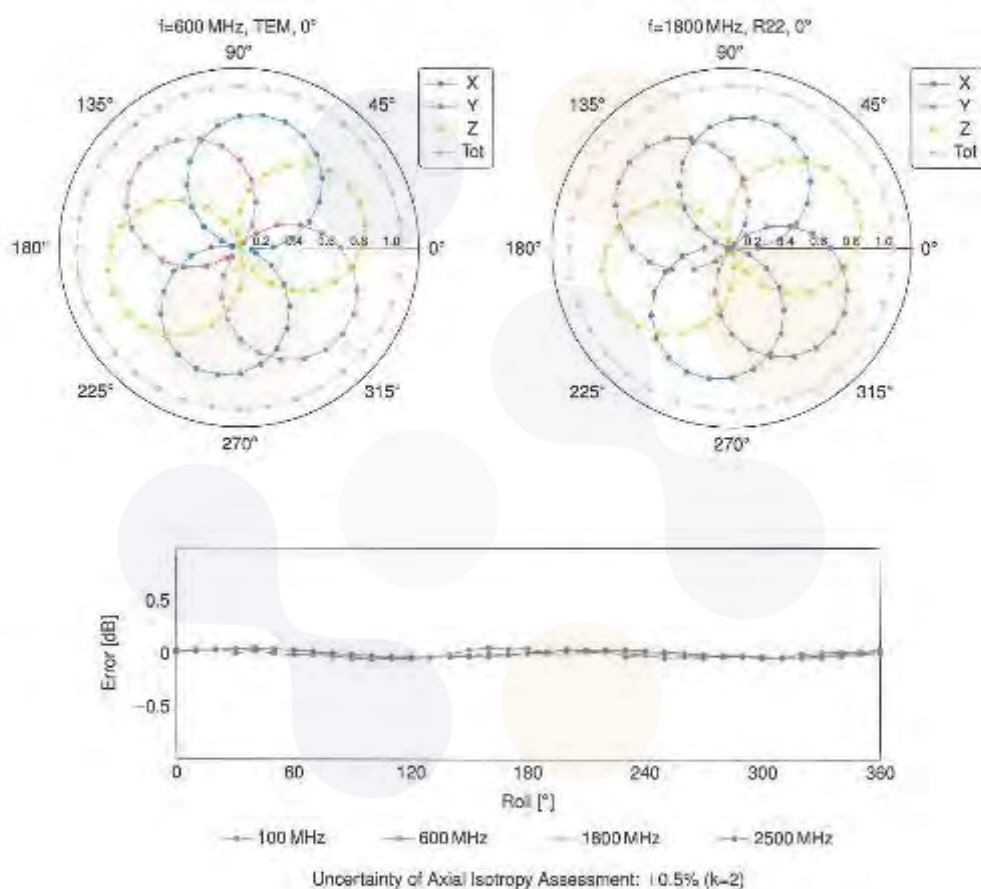


Uncertainty of Frequency Response of E-field: $\pm 5.3\%$ (k=2)

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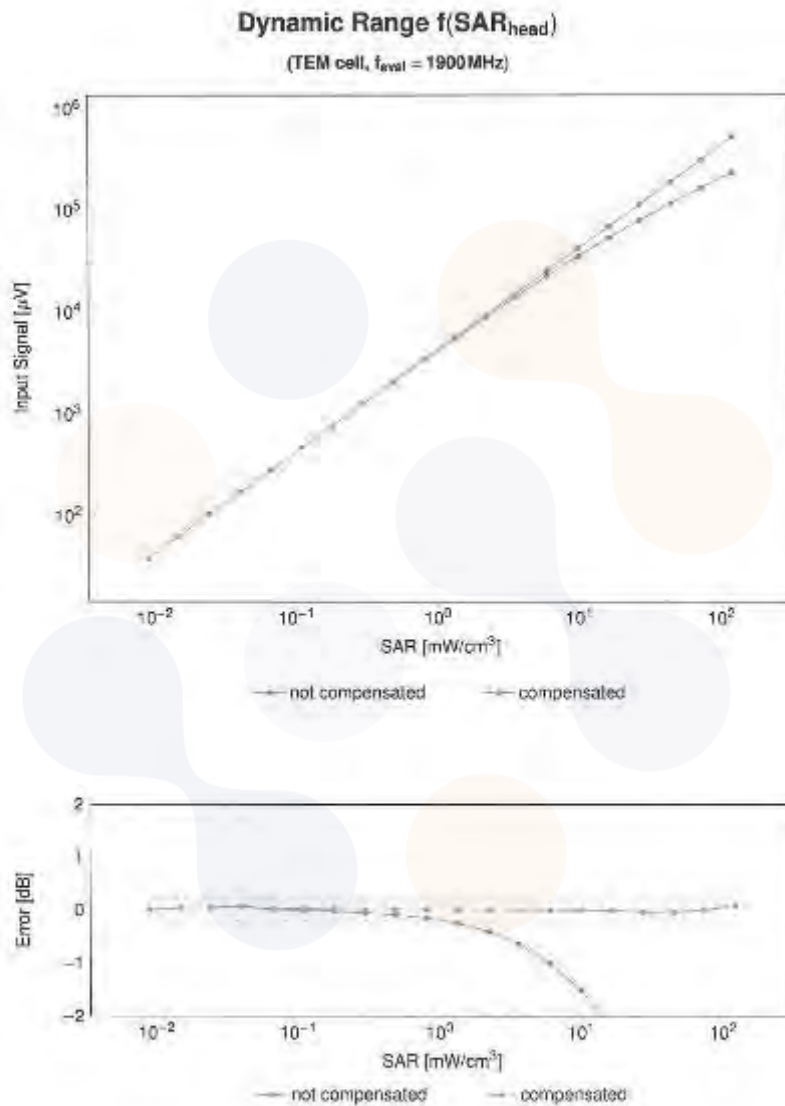
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Receiving Pattern (ϕ), $\theta = 0^\circ$



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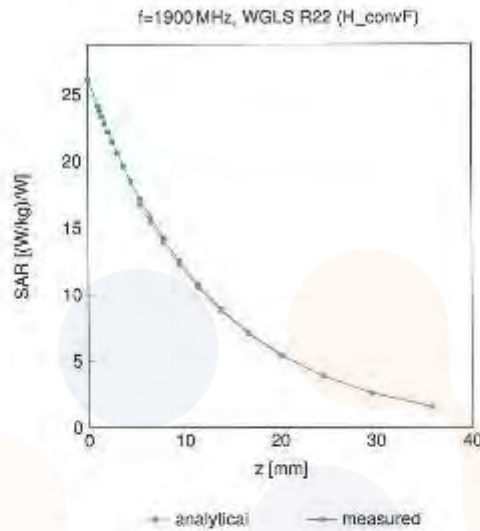


Uncertainty of Linearity Assessment: $\pm 0.6\%$ ($k=2$)

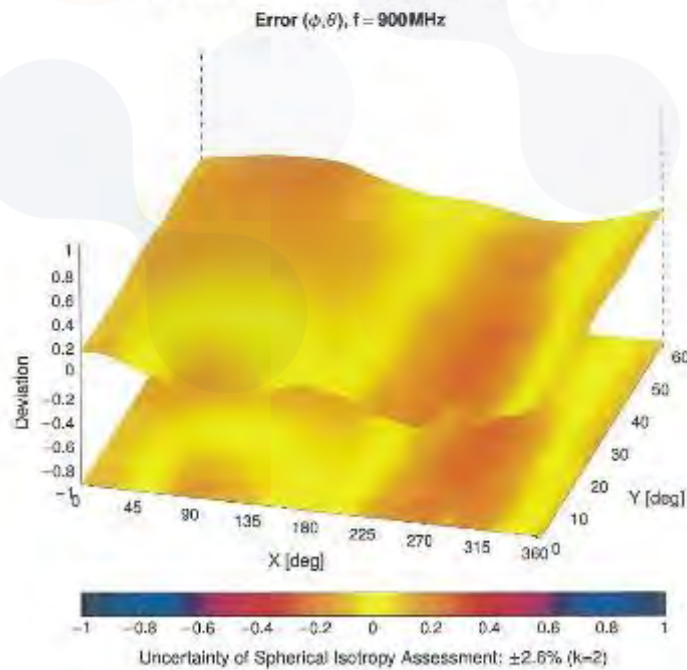
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	FAR (dB)	Unc ^E k = 2
0		CW	CW	0.00	±4.7
10006	CAB	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.5
10007	CAC	UMTS FDD (WCDMA)	WCDMA	2.91	±9.5
10012	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.5
10013	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	3.45	±9.5
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	3.39	±9.5
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	3.57	±9.5
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.5
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.5
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.5
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.5
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.5
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.5
10030	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.5
10031	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.5
10032	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.5
10033	CAB	IEEE 802.15.1 Bluetooth (P4-DQPSK, DH1)	Bluetooth	7.74	±9.5
10034	CAB	IEEE 802.15.1 Bluetooth (P4-DQPSK, DH3)	Bluetooth	4.53	±9.5
10035	CAB	IEEE 802.15.1 Bluetooth (P4-DQPSK, DH5)	Bluetooth	3.83	±9.5
10036	CAB	IEEE 802.15.1 Bluetooth (8-QPSK, DH1)	Bluetooth	3.01	±9.5
10037	CAB	IEEE 802.15.1 Bluetooth (8-QPSK, DH3)	Bluetooth	4.77	±9.5
10038	CAB	IEEE 802.15.1 Bluetooth (8-QPSK, DH5)	Bluetooth	0.10	±9.5
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	1.57	±9.5
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, P4-DQPSK, Fullrate)	AMPS	7.78	±9.5
10044	CAB	IS-97/IS-TIA-553 FDD (TDMA, FM)	AMPS	0.00	±9.5
10048	CAB	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	15.60	±9.5
10049	CAB	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.5
10056	CAB	UMTS FDD (TD-SCDMA, 1.28 Mbps)	TD-SCDMA	11.00	±9.5
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.56	±9.5
10058	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.5
10060	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.5
10061	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.50	±9.5
10062	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.5
10063	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.83	±9.5
10064	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.5
10065	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.5
10066	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.5
10067	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.5
10068	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.5
10069	CAB	IEEE 802.11a WFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.5
10071	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.63	±9.5
10072	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.5
10073	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.54	±9.5
10074	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.5
10075	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.5
10076	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.5
10077	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.5
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.87	±9.5
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, P4-DQPSK, Fullrate)	AMPS	4.77	±9.5
10086	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	5.95	±9.5
10097	DAC	UMTS-FDD (HSPA, 5.76x10 ⁶)	WCDMA	3.98	±9.5
10098	DAC	UMTS-FDD (HSPA, 5.76x10 ⁶)	WCDMA	3.98	±9.5
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.5
10100	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	6.67	±9.5
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.5
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.5
10103	CAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.5
10104	CAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.5
10105	CAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.5
10108	CAB	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.5
10109	CAB	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.5
10110	CAB	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.5
10111	CAB	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	5.39	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.02	±9.6
10114	CAF	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAF	IEEE 802.11n (HT Greenfield, 8 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, 64-QAM)	WLAN	8.13	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 8 Mbps, 16-QAM)	WLAN	8.53	±9.6
10119	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.08	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.86	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.66	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10148	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	3.28	±9.6
10152	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	9.92	±9.6
10153	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.40	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.45	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.62	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.99	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.79	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	5.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	5.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	6.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.50	±9.6
10177	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.02	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.00	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.90	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.75	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAE	IEEE 802.11n (HT Greenfield, 5.5 Mbps, BPSK)	WLAN	8.06	±9.6
10194	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAE	IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAE	IEEE 802.11n (HT Mixed, 5.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 85 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAF	IEEE 802.11n (HT Mixed, 48.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAF	IEEE 802.11n (HT Mixed, 73.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 100 Mbps, 64-QAM)	WLAN	8.06	±9.6

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.5
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	5.48	±9.5
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.5
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.5
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.5
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.5
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.5
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.43	±9.5
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.5
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.5
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.5
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.5
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.5
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.5
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.5
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.5
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.62	±9.5
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.5
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.5
10244	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.5
10245	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.5
10246	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.5
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.5
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.5
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.5
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.5
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.5
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.5
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.5
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.5
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.5
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.98	±9.5
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.5
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.5
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.99	±9.5
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.5
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.5
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.88	±9.5
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.5
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.5
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.5
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.5
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.80	±9.5
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.5
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.5
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.5
10274	CAC	UMTS-FDD (HSPA, Subnet 5, 3GPP Rel. 8)	WCDMA	4.97	±9.5
10275	CAC	UMTS-FDD (HSPA, Subnet 5, 3GPP Rel. 8)	WCDMA	3.95	±9.5
10277	CAA	PHS (QPSK)	PHS	11.81	±9.5
10278	CAA	PHS (QPSK, BW 664 MHz, Pwr 0.5)	PHS	11.81	±9.5
10279	CAA	PHS (QPSK, BW 664 MHz, Pwr 0.36)	PHS	12.18	±9.5
10280	AAB	CDMA2000, RC1, SC06, Full Rate	CDMA2000	9.91	±9.5
10281	AAB	CDMA2000, RC3, SC06, Full Rate	CDMA2000	9.98	±9.5
10282	AAB	CDMA2000, RC3, SC02, Full Rate	CDMA2000	9.98	±9.5
10283	AAB	CDMA2000, RC3, SC03, Full Rate	CDMA2000	9.90	±9.5
10285	AAB	CDMA2000, RC1, SC03, 1/8th Rate 25.1%	CDMA2000	12.49	±9.5
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.51	±9.5
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.5
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	9.39	±9.5
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	9.60	±9.5
10301	AAA	IEEE 802.16e WIMAX (20.18, 5ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.5
10302	AAA	IEEE 802.16e WIMAX (20.18, 5ms, 10 MHz, QPSK, PUSC, 3 CTR symbols)	WIMAX	12.37	±9.5
10303	AAA	IEEE 802.16e WIMAX (31.15, 5ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.5
10304	AAA	IEEE 802.16e WIMAX (29.18, 5ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.5
10305	AAA	IEEE 802.16e WIMAX (31.15, 10ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.5
10306	AAA	IEEE 802.16e WIMAX (29.18, 10ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	14.67	±9.5

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10307	AAA	IEEE 802.16e WMAX (29.16, 10 ms, 10 MHz, QPSK, PUSC, 19 symbols)	WMAX	14.48	±9.6
10308	AAA	IEEE 802.16e WMAX (29.16, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.48	±9.6
10309	AAA	IEEE 802.16e WMAX (29.16, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAX	14.88	±9.6
10310	AAA	IEEE 802.16e WMAX (29.16, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	8.66	±9.6
10312	AAV	IDEN 1.3	IDEN	10.51	±9.6
10314	AAA	IDEN 1.5	IDEN	15.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99% duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.38	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.38	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	9.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	9.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	9.97	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	9.96	±9.6
10357	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10358	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10359	AAA	64-QAM Waveform, 100 kHz	Generic	8.27	±9.6
10359	AAA	64-QAM Waveform, 40 MHz	Generic	8.27	±9.6
10400	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99% duty cycle)	WLAN	8.97	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99% duty cycle)	WLAN	8.97	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99% duty cycle)	WLAN	8.93	±9.6
10403	AAB	CDMA2000 1xEV-DO, Rev. 0	CDMA2000	3.78	±9.6
10404	AAB	CDMA2000 1xEV-DO, Rev. A	CDMA2000	3.77	±9.6
10405	AAB	CDMA2000, RCS, SC62, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99% duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11n WiFi 5 GHz (OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99% duty cycle, Long preamble)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99% duty cycle, Short preamble)	WLAN	8.13	±9.6
10422	AAD	IEEE 802.11n HT Greenfield, 7.8 Mbps, 99% duty cycle	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n HT Greenfield, 43.3 Mbps, 15 QAM	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n HT Greenfield, 78.2 Mbps, 64-QAM	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n HT Greenfield, 16 Mbps, 64-QAM	WLAN	8.41	±9.6
10428	AAD	IEEE 802.11n HT Greenfield, 90 Mbps, 15 QAM	WLAN	8.45	±9.6
10429	AAD	IEEE 802.11n HT Greenfield, 150 Mbps, 64-QAM	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.54	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.54	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCCH)	WCDMA	8.66	±9.6
10435	AAQ	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10417	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 40%)	LTE-FDD	7.56	±9.6
10440	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 40%)	LTE-FDD	7.58	±9.6
10441	AAE	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 40%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 40%)	LTE-FDD	7.46	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCCH, Clipping 40%)	WCDMA	7.58	±9.6
10453	AAE	Validation (Squares, 10 ms, 1 ms)	Test	10.00	±9.6
10458	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99% duty cycle)	WLAN	8.93	±9.6
10457	AAB	UMTS-FDD (GSM-HSPA)	WCDMA	6.82	±9.6
10458	AAA	CDMA2000 1xEV-DO, Rev. B, 3 carriers	CDMA2000	6.35	±9.6
10459	AAA	CDMA2000 1xEV-DO, Rev. B, 3 carriers	CDMA2000	6.35	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAQ	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAQ	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAQ	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAQ	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAQ	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAQ	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAQ	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAQ	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAQ	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

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10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.67	±9.5
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.88	±9.5
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.22	±9.5
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.5
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.5
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.5
10479	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.5
10480	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.5
10481	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.5
10482	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.77	±9.5
10483	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.5
10484	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.5
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.5
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.5
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.50	±9.5
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.5
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.5
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.5
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.5
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.5
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.5
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.5
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.5
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.5
10497	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.5
10498	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.5
10499	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.69	±9.5
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.5
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.5
10502	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.5
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.5
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.5
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.5
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.5
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.5
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.5
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.69	±9.5
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.5
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.5
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.5
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.48	±9.5
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.5
10515	AAA	IEEE 802.11n WiFi 2.4GHz (DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.38	±9.5
10516	AAA	IEEE 802.11n WiFi 2.4GHz (DSSS, 5.5Mbps, 99pc duty cycle)	WLAN	1.57	±9.5
10517	AAA	IEEE 802.11n WiFi 2.4GHz (DSSS, 11Mbps, 99pc duty cycle)	WLAN	1.58	±9.5
10518	AAA	IEEE 802.11a/n WiFi 5GHz (OFDM, 8Mbps, 99pc duty cycle)	WLAN	3.23	±9.5
10519	AAA	IEEE 802.11a/n WiFi 5GHz (OFDM, 12Mbps, 99pc duty cycle)	WLAN	3.30	±9.5
10520	AAA	IEEE 802.11a/n WiFi 5GHz (OFDM, 18Mbps, 99pc duty cycle)	WLAN	3.12	±9.5
10521	AAA	IEEE 802.11a/n WiFi 5GHz (OFDM, 24Mbps, 99pc duty cycle)	WLAN	7.27	±9.5
10522	AAA	IEEE 802.11a/n WiFi 5GHz (OFDM, 36Mbps, 99pc duty cycle)	WLAN	9.45	±9.5
10523	AAA	IEEE 802.11a/n WiFi 5GHz (OFDM, 48Mbps, 99pc duty cycle)	WLAN	9.08	±9.5
10524	AAA	IEEE 802.11a/n WiFi 5GHz (OFDM, 54Mbps, 99pc duty cycle)	WLAN	9.27	±9.5
10525	AAA	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	9.38	±9.5
10526	AAA	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	9.42	±9.5
10527	AAA	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	9.21	±9.5
10528	AAA	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	9.35	±9.5
10529	AAA	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	9.55	±9.5
10530	AAA	IEEE 802.11ac WiFi (20MHz, MCS5, 99pc duty cycle)	WLAN	9.43	±9.5
10531	AAA	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.5
10532	AAA	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	WLAN	8.73	±9.5
10533	AAA	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN	9.39	±9.5
10534	AAA	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN	9.45	±9.5
10535	AAA	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	9.45	±9.5
10536	AAA	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN	9.32	±9.5
10537	AAA	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	9.44	±9.5
10538	AAA	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN	9.54	±9.5
10539	AAA	IEEE 802.11ac WiFi (40MHz, MCS5, 99pc duty cycle)	WLAN	9.59	±9.5

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10541	AAD	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN	8.49	-15.8
10542	AAD	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.65	-15.8
10543	AAD	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	WLAN	8.85	-15.8
10544	AAD	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	WLAN	8.47	-19.8
10545	AAD	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	WLAN	8.55	-19.8
10546	AAD	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	WLAN	8.35	-19.8
10547	AAD	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN	8.49	-19.8
10548	AAD	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	WLAN	8.37	-19.8
10549	AAD	IEEE 802.11ac WiFi (80MHz, MCS5, 99pc duty cycle)	WLAN	8.38	-19.8
10550	AAD	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	WLAN	8.50	-19.8
10551	AAD	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	WLAN	8.42	-19.8
10552	AAD	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8.45	-19.8
10553	AAD	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	WLAN	8.45	-19.8
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	WLAN	8.48	-19.8
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	WLAN	8.47	-19.8
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	WLAN	8.50	-19.8
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	WLAN	8.52	-19.8
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	WLAN	8.51	-19.8
10559	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 99pc duty cycle)	WLAN	8.73	-19.8
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	WLAN	8.58	-19.8
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	WLAN	8.68	-19.8
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	WLAN	8.69	-19.8
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.77	-19.8
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9Mbps, 99pc duty cycle)	WLAN	8.26	-19.8
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12Mbps, 99pc duty cycle)	WLAN	8.45	-19.8
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18Mbps, 99pc duty cycle)	WLAN	8.19	-19.8
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24Mbps, 99pc duty cycle)	WLAN	8.00	-19.8
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36Mbps, 99pc duty cycle)	WLAN	8.37	-19.8
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48Mbps, 99pc duty cycle)	WLAN	8.10	-19.8
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54Mbps, 99pc duty cycle)	WLAN	8.30	-19.8
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1Mbps, 99pc duty cycle)	WLAN	1.95	-19.8
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.99	-19.8
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5Mbps, 99pc duty cycle)	WLAN	1.95	-19.8
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11Mbps, 99pc duty cycle)	WLAN	1.95	-19.8
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3Mbps, 99pc duty cycle)	WLAN	8.39	-19.8
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle)	WLAN	8.50	-19.8
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12Mbps, 99pc duty cycle)	WLAN	8.70	-19.8
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18Mbps, 99pc duty cycle)	WLAN	8.49	-19.8
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24Mbps, 99pc duty cycle)	WLAN	8.35	-19.8
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36Mbps, 99pc duty cycle)	WLAN	8.75	-19.8
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48Mbps, 99pc duty cycle)	WLAN	8.35	-19.8
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54Mbps, 99pc duty cycle)	WLAN	8.67	-19.8
10583	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 6Mbps, 99pc duty cycle)	WLAN	8.69	-19.8
10584	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 9Mbps, 99pc duty cycle)	WLAN	8.50	-19.8
10585	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 12Mbps, 99pc duty cycle)	WLAN	8.70	-19.8
10586	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 18Mbps, 99pc duty cycle)	WLAN	8.40	-19.8
10587	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 24Mbps, 99pc duty cycle)	WLAN	8.35	-19.8
10588	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 36Mbps, 99pc duty cycle)	WLAN	8.75	-19.8
10589	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 48Mbps, 99pc duty cycle)	WLAN	8.35	-19.8
10590	AAD	IEEE 802.11ah WiFi 5GHz (OFDM, 54Mbps, 99pc duty cycle)	WLAN	8.67	-19.8
10591	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle)	WLAN	8.63	-19.8
10592	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 99pc duty cycle)	WLAN	8.70	-19.8
10593	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 99pc duty cycle)	WLAN	8.64	-19.8
10594	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 99pc duty cycle)	WLAN	8.70	-19.8
10595	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 99pc duty cycle)	WLAN	8.70	-19.8
10596	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 99pc duty cycle)	WLAN	8.71	-19.8
10597	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 99pc duty cycle)	WLAN	8.72	-19.8
10598	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 99pc duty cycle)	WLAN	8.50	-19.8
10599	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 99pc duty cycle)	WLAN	8.70	-19.8
10600	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 99pc duty cycle)	WLAN	8.80	-19.8
10601	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 99pc duty cycle)	WLAN	8.62	-19.8
10602	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 99pc duty cycle)	WLAN	8.94	-19.8
10603	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 99pc duty cycle)	WLAN	8.63	-19.8
10604	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 99pc duty cycle)	WLAN	8.76	-19.8
10605	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 99pc duty cycle)	WLAN	8.67	-19.8
10606	AAD	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 99pc duty cycle)	WLAN	8.62	-19.8
10607	AAD	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.64	-19.8
10608	AAD	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.77	-19.8

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10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 80pc duty cycle)	WLAN	8.57	±9.5
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 80pc duty cycle)	WLAN	8.76	±9.5
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 80pc duty cycle)	WLAN	8.70	±9.5
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 80pc duty cycle)	WLAN	8.77	±9.5
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 80pc duty cycle)	WLAN	8.94	±9.5
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 80pc duty cycle)	WLAN	8.98	±9.5
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 80pc duty cycle)	WLAN	8.89	±9.5
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 80pc duty cycle)	WLAN	8.82	±9.5
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 80pc duty cycle)	WLAN	8.91	±9.5
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 80pc duty cycle)	WLAN	8.98	±9.5
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 80pc duty cycle)	WLAN	8.86	±9.5
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 80pc duty cycle)	WLAN	8.57	±9.5
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 80pc duty cycle)	WLAN	8.77	±9.5
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 80pc duty cycle)	WLAN	8.88	±9.5
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 80pc duty cycle)	WLAN	8.62	±9.5
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 80pc duty cycle)	WLAN	8.96	±9.5
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 80pc duty cycle)	WLAN	8.96	±9.5
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 80pc duty cycle)	WLAN	8.89	±9.5
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 80pc duty cycle)	WLAN	8.88	±9.5
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 80pc duty cycle)	WLAN	8.71	±9.5
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 80pc duty cycle)	WLAN	8.65	±9.5
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 80pc duty cycle)	WLAN	8.72	±9.5
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 80pc duty cycle)	WLAN	8.51	±9.5
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 80pc duty cycle)	WLAN	8.74	±9.5
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 80pc duty cycle)	WLAN	8.83	±9.5
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 80pc duty cycle)	WLAN	8.60	±9.5
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 80pc duty cycle)	WLAN	8.91	±9.5
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 80pc duty cycle)	WLAN	8.93	±9.5
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 80pc duty cycle)	WLAN	8.79	±9.5
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 80pc duty cycle)	WLAN	8.86	±9.5
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 80pc duty cycle)	WLAN	8.85	±9.5
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 80pc duty cycle)	WLAN	8.66	±9.5
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 80pc duty cycle)	WLAN	8.06	±9.5
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 80pc duty cycle)	WLAN	8.06	±9.5
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 80pc duty cycle)	WLAN	8.85	±9.5
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 80pc duty cycle)	WLAN	8.01	±9.5
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 80pc duty cycle)	WLAN	8.11	±9.5
10646	AAB	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.98	±9.5
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.5
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.5
10649	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Cloning 44%)	LTE-TDD	6.81	±9.5
10650	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Cloning 44%)	LTE-TDD	7.42	±9.5
10651	AAF	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Cloning 44%)	LTE-TDD	5.96	±9.5
10652	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Cloning 44%)	LTE-TDD	7.21	±9.5
10653	AAB	Pulse Waveform (200Hz, 10%)	Test	13.00	±9.5
10654	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.5
10655	AAB	Pulse Waveform (200Hz, 40%)	Test	3.88	±9.5
10656	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.5
10657	AAB	Pulse Waveform (200Hz, 80%)	Test	0.87	±9.5
10658	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.5
10659	AAC	IEEE 802.11ax (20 MHz, MCS0, 80pc duty cycle)	WLAN	8.08	±9.5
10660	AAC	IEEE 802.11ax (20 MHz, MCS1, 80pc duty cycle)	WLAN	8.57	±9.5
10661	AAC	IEEE 802.11ax (20 MHz, MCS2, 80pc duty cycle)	WLAN	6.78	±9.5
10662	AAC	IEEE 802.11ax (20 MHz, MCS3, 80pc duty cycle)	WLAN	8.74	±9.5
10663	AAC	IEEE 802.11ax (20 MHz, MCS4, 80pc duty cycle)	WLAN	8.50	±9.5
10664	AAC	IEEE 802.11ax (20 MHz, MCS5, 80pc duty cycle)	WLAN	8.77	±9.5
10665	AAC	IEEE 802.11ax (20 MHz, MCS6, 80pc duty cycle)	WLAN	8.75	±9.5
10666	AAC	IEEE 802.11ax (20 MHz, MCS7, 80pc duty cycle)	WLAN	8.78	±9.5
10667	AAC	IEEE 802.11ax (20 MHz, MCS8, 80pc duty cycle)	WLAN	8.69	±9.5
10668	AAC	IEEE 802.11ax (20 MHz, MCS9, 80pc duty cycle)	WLAN	8.90	±9.5
10669	AAC	IEEE 802.11ax (20 MHz, MCS10, 80pc duty cycle)	WLAN	8.82	±9.5
10670	AAC	IEEE 802.11ax (20 MHz, MCS11, 80pc duty cycle)	WLAN	8.83	±9.5
10671	AAC	IEEE 802.11ax (20 MHz, MCS12, 80pc duty cycle)	WLAN	8.47	±9.5
10672	AAC	IEEE 802.11ax (20 MHz, MCS13, 80pc duty cycle)	WLAN	8.76	±9.5
10673	AAC	IEEE 802.11ax (20 MHz, MCS14, 80pc duty cycle)	WLAN	8.33	±9.5
10674	AAC	IEEE 802.11ax (20 MHz, MCS15, 80pc duty cycle)	WLAN	8.29	±9.5

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10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±0.8
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±0.8
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±0.8
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±0.8
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±0.8
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±0.8
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±0.8
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±0.8
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.78	±0.8
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.31	±0.8
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.61	±0.8
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.88	±0.8
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.82	±0.8
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.73	±0.8
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.86	±0.8
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.70	±0.8
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.82	±0.8
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.56	±0.8
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.69	±0.8
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.66	±0.8
10707	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±0.8
10708	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±0.8
10709	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±0.8
10710	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±0.8
10711	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±0.8
10712	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.57	±0.8
10713	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±0.8
10714	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±0.8
10715	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±0.8
10716	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±0.8
10717	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±0.8
10718	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±0.8
10719	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.81	±0.8
10720	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.87	±0.8
10721	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.76	±0.8
10722	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.55	±0.8
10723	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.70	±0.8
10724	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.90	±0.8
10725	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.74	±0.8
10726	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.72	±0.8
10727	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.66	±0.8
10728	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±0.8
10729	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.64	±0.8
10730	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.67	±0.8
10731	AAC	IEEE 802.11ax (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±0.8
10732	AAC	IEEE 802.11ax (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±0.8
10733	AAC	IEEE 802.11ax (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±0.8
10734	AAC	IEEE 802.11ax (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±0.8
10735	AAC	IEEE 802.11ax (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±0.8
10736	AAC	IEEE 802.11ax (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±0.8
10737	AAC	IEEE 802.11ax (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±0.8
10738	AAC	IEEE 802.11ax (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±0.8
10739	AAC	IEEE 802.11ax (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±0.8
10740	AAC	IEEE 802.11ax (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±0.8
10741	AAC	IEEE 802.11ax (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±0.8
10742	AAC	IEEE 802.11ax (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±0.8
10743	AAC	IEEE 802.11ax (640 MHz, MCS0, 99pc duty cycle)	WLAN	8.94	±0.8
10744	AAC	IEEE 802.11ax (640 MHz, MCS1, 99pc duty cycle)	WLAN	9.16	±0.8
10745	AAC	IEEE 802.11ax (640 MHz, MCS2, 99pc duty cycle)	WLAN	8.93	±0.8
10746	AAC	IEEE 802.11ax (640 MHz, MCS3, 99pc duty cycle)	WLAN	9.11	±0.8
10747	AAC	IEEE 802.11ax (640 MHz, MCS4, 99pc duty cycle)	WLAN	9.04	±0.8
10748	AAC	IEEE 802.11ax (640 MHz, MCS5, 99pc duty cycle)	WLAN	8.93	±0.8
10749	AAC	IEEE 802.11ax (640 MHz, MCS6, 99pc duty cycle)	WLAN	8.90	±0.8
10750	AAC	IEEE 802.11ax (640 MHz, MCS7, 99pc duty cycle)	WLAN	8.79	±0.8
10751	AAC	IEEE 802.11ax (640 MHz, MCS8, 99pc duty cycle)	WLAN	8.82	±0.8
10752	AAC	IEEE 802.11ax (640 MHz, MCS9, 99pc duty cycle)	WLAN	8.81	±0.8

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10750	AAC	IEEE 802.11ax (180 MHz, MCS10, 90ps duty cycle)	WLAN	8.00	-3.5
10754	AAC	IEEE 802.11ax (180 MHz, MCS11, 90ps duty cycle)	WLAN	8.94	-3.5
10756	AAC	IEEE 802.11ax (180 MHz, MCS0, 90ps duty cycle)	WLAN	8.54	-3.5
10756	AAC	IEEE 802.11ax (180 MHz, MCS1, 90ps duty cycle)	WLAN	8.77	-3.5
10757	AAC	IEEE 802.11ax (180 MHz, MCS2, 90ps duty cycle)	WLAN	8.77	-3.5
10758	AAC	IEEE 802.11ax (180 MHz, MCS3, 90ps duty cycle)	WLAN	9.59	-3.5
10759	AAC	IEEE 802.11ax (180 MHz, MCS4, 90ps duty cycle)	WLAN	9.59	-3.5
10760	AAC	IEEE 802.11ax (180 MHz, MCS5, 90ps duty cycle)	WLAN	8.49	-3.5
10761	AAC	IEEE 802.11ax (180 MHz, MCS6, 90ps duty cycle)	WLAN	8.58	-3.5
10762	AAC	IEEE 802.11ax (180 MHz, MCS7, 90ps duty cycle)	WLAN	8.49	-3.5
10763	AAC	IEEE 802.11ax (180 MHz, MCS8, 90ps duty cycle)	WLAN	8.53	-3.5
10764	AAC	IEEE 802.11ax (180 MHz, MCS9, 90ps duty cycle)	WLAN	8.54	-3.5
10765	AAC	IEEE 802.11ax (180 MHz, MCS10, 90ps duty cycle)	WLAN	8.54	-3.5
10766	AAC	IEEE 802.11ax (180 MHz, MCS11, 90ps duty cycle)	WLAN	8.67	-3.5
10767	AAF	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	-3.5
10768	AAF	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	-3.5
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	-3.5
10770	AAF	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	-3.5
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	-3.5
10772	AAF	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	-3.5
10773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	-3.5
10774	AAF	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	-3.5
10775	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	-3.5
10776	AAF	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	-3.5
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	-3.5
10778	AAF	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.24	-3.5
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	-3.5
10780	AAF	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.28	-3.5
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	-3.5
10782	AAF	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.45	-3.5
10783	AAF	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	-3.5
10784	AAF	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	-3.5
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	-3.5
10786	AAF	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	-3.5
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	-3.5
10788	AAF	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	-3.5
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	-3.5
10790	AAF	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	-3.5
10791	AAF	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	-3.5
10792	AAF	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	-3.5
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	-3.5
10794	AAF	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	-3.5
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	-3.5
10796	AAF	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	-3.5
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.07	-3.5
10798	AAF	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.85	-3.5
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	-3.5
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	-3.5
10802	AAF	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	-3.5
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.90	-3.5
10804	AAF	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	-3.5
10805	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	-3.5
10806	AAF	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	-3.5
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	-3.5
10812	AAF	5G NR (CP-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	-3.5
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	-3.5
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	-3.5
10820	AAF	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	-3.5
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-3.5
10822	AAF	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-3.5
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.38	-3.5
10824	AAF	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	-3.5
10825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-3.5
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	-3.5
10828	AAF	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	-3.5

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10929	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.40	±9.6
10930	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.53	±9.6
10931	AAE	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10932	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10933	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10934	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10935	AAE	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10938	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10937	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.69	±9.6
10938	AAE	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10940	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10941	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10943	AAE	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10944	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10948	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10950	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10955	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10956	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10957	AAE	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10958	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10959	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10960	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10961	AAE	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10963	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10964	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10965	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10966	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
10968	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10969	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10970	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10971	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.70	±9.6
10972	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10973	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10974	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10975	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.76	±9.6
10976	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10977	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.66	±9.6
10978	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10979	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10980	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10981	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10982	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.98	±9.6
10983	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10984	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.63	±9.6
10985	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10986	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10987	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.73	±9.6
10988	AAE	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10989	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10990	AAE	5G NR (CP-OFDM, 100% RB, 60 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10991	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10992	AAE	5G NR (CP-OFDM, 100% RB, 60 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10997	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10998	AAE	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10999	AAE	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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Eurofins KCTL Co.,Ltd.

65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
TEL: 82-70-5008-1021 FAX: 82-505-299-8311

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Report No.:
KR25-SPF0005-C
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KCTL

EX3DV4 - SN:7770

November 22, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.6
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 FDD	5.94	±0.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±0.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±0.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±0.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10918	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±0.6
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±0.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±0.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.92	±0.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±0.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±0.6
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±0.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±0.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.91	±0.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.91	±0.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.91	±0.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.91	±0.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.91	±0.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±0.6
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±0.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±0.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±0.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.88	±0.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±0.6
10944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±0.6
10945	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±0.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±0.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±0.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±0.6
10950	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±0.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±0.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.25	±0.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.16	±0.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.24	±0.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.42	±0.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.14	±0.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.31	±0.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.31	±0.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.23	±0.6
10960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.32	±0.6
10961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.35	±0.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.40	±0.6
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.55	±0.6
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.29	±0.6
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.37	±0.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.55	±0.6
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.42	±0.6
10968	AAD	5G NR UL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.48	±0.6
10972	AAC	5G NR ICP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.59	±0.6
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.06	±0.6
10974	AAD	5G NR ICP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±0.6
10975	AAA	ULLA BDR	ULLA	7.76	±0.6
10979	AAA	ULLA FDR4	ULLA	8.58	±0.6
10980	AAA	ULLA FDR6	ULLA	10.82	±0.6
10981	AAA	ULLA HDRp4	ULLA	3.19	±0.6
10982	AAA	ULLA HDRp6	ULLA	3.43	±0.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² $k=2$
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.31	± 9.5
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.42	± 9.5
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.54	± 9.5
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.60	± 9.5
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.53	± 9.5
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.38	± 9.5
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.33	± 9.5
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.52	± 9.5
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	10.24	± 9.5
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 50MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	10.75	± 9.5
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.70	± 9.5
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.55	± 9.5
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.45	± 9.5
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.51	± 9.5
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	9.78	± 9.5
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.85	± 9.5
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.96	± 9.5
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.68	± 9.5
11013	AAB	IEEE 802.11be (320MHz, MCS1, 80ps duty cycle)	WLAN	8.47	± 9.5
11014	AAB	IEEE 802.11be (320MHz, MCS2, 80ps duty cycle)	WLAN	8.45	± 9.5
11015	AAB	IEEE 802.11be (320MHz, MCS3, 80ps duty cycle)	WLAN	8.41	± 9.5
11016	AAB	IEEE 802.11be (320MHz, MCS4, 80ps duty cycle)	WLAN	8.44	± 9.5
11017	AAB	IEEE 802.11be (320MHz, MCS5, 80ps duty cycle)	WLAN	8.41	± 9.5
11018	AAB	IEEE 802.11be (320MHz, MCS6, 80ps duty cycle)	WLAN	8.40	± 9.5
11019	AAB	IEEE 802.11be (320MHz, MCS7, 80ps duty cycle)	WLAN	8.20	± 9.5
11020	AAB	IEEE 802.11be (320MHz, MCS8, 80ps duty cycle)	WLAN	8.27	± 9.5
11021	AAB	IEEE 802.11be (320MHz, MCS9, 80ps duty cycle)	WLAN	8.45	± 9.5
11022	AAB	IEEE 802.11be (320MHz, MCS10, 80ps duty cycle)	WLAN	8.30	± 9.5
11023	AAB	IEEE 802.11be (320MHz, MCS11, 80ps duty cycle)	WLAN	8.09	± 9.5
11024	AAB	IEEE 802.11be (320MHz, MCS12, 80ps duty cycle)	WLAN	8.42	± 9.5
11025	AAB	IEEE 802.11be (320MHz, MCS13, 80ps duty cycle)	WLAN	8.37	± 9.5
11026	AAB	IEEE 802.11be (320MHz, MCS14, 80ps duty cycle)	WLAN	8.39	± 9.5

² Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Appendix A.6 Probe Calibration certificate (EX3DV4 SN7840)

Calibration Laboratory of
Schmid & Partner
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S 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 **Eurofins KCTL**
Gyeonggi-do, Republic of Korea

Certificate No. **EX-7840_Aug24**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:7840**

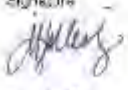
Calibration procedure(s): **QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,
QA CAL-25.v8**
Calibration procedure for dosimetric E-field probes

Calibration date: **August 20, 2024**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.
All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.
Calibration Equipment used (M&E critical for calibration)

Primary Standards	ID	Cal. Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104773	28-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-201	SN: 103844	28-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-8.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK8.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20dB)	26-Mar-24 (No. 217-04016)	Mar-25
DA54	SN: 860	23-Feb-24 (No. JAF-4-660_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX5-7349_Jun24)	Jun-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GP41293874	08-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41436087	08-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	08-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 8348C	SN: US3642UD1700	04-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer E8363A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Joanna Uehns	Laboratory Technician	
Approved by	Sven Böhm	Technical Manager	

Issued: August 20, 2024

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

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

Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
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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**

Glossary

TSL	tissue simulating liquid
$NORM_{x,y,z}$	sensitivity in free space
ConvF	sensitivity in TSL / $NORM_{x,y,z}$
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization ψ	ψ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\psi = 0$ 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 62208-1528, "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, Identification And Procedures (Frequency Range of 4MHz to 10 GHz)", October 2020
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- $NORM_{x,y,z}$: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). $NORM_{x,y,z}$ are only intermediate values, i.e., the uncertainties of $NORM_{x,y,z}$ does not affect the E-field uncertainty inside TSL (see below ConvF).
- $NORM(f)_{x,y,z} = NORM_{x,y,z} \cdot \text{frequency_response}$ (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.
- $DCP_{x,y,z}$: 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.
- $A_{x,y,z}, B_{x,y,z}, C_{x,y,z}, D_{x,y,z}, VR_{x,y,z}$: 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 $f < 900$ MHz) and inside waveguide using analytical field distributions based on power measurements for $f > 900$ 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 $NORM_{x,y,z} \cdot \text{ConvF}$ 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 $NORM_{x,y,z}$ (no uncertainty required).

EX3DV4 - SN:7840

August 20, 2024

Parameters of Probe: EX3DV4 - SN:7840

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.71	0.61	0.66	$\pm 10.1\%$
DCP (mV) ^B	106.9	107.1	107.4	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{\mu V}$	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	121.1	$\pm 1.8\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		132.2		
		Z	0.00	0.00	1.00		149.1		
10352	Pulse Waveform (200Hz, 10%)	X	1.71	61.32	6.73	10.00	60.0	$\pm 3.2\%$	$\pm 9.6\%$
		Y	1.49	60.38	6.31		60.0		
		Z	1.48	60.41	6.30		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	4.00	70.00	9.00	6.99	80.0	$\pm 2.2\%$	$\pm 9.6\%$
		Y	22.00	74.00	9.00		80.0		
		Z	0.80	60.00	4.94		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.05	129.54	0.24	3.98	95.0	$\pm 2.6\%$	$\pm 9.6\%$
		Y	0.04	128.96	0.65		95.0		
		Z	0.01	123.11	0.51		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	6.45	160.00	26.02	2.22	120.0	$\pm 1.4\%$	$\pm 9.6\%$
		Y	6.41	159.97	17.48		120.0		
		Z	8.35	159.68	3.89		120.0		
10387	QPSK Waveform, 1 MHz	X	0.63	65.88	13.86	1.00	150.0	$\pm 3.2\%$	$\pm 9.6\%$
		Y	0.42	61.69	11.62		150.0		
		Z	0.52	62.35	11.66		150.0		
10388	QPSK Waveform, 10 MHz	X	1.45	67.26	14.74	0.00	150.0	$\pm 0.9\%$	$\pm 9.6\%$
		Y	1.13	64.96	12.91		150.0		
		Z	1.28	64.90	13.41		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.89	64.64	15.95	3.01	150.0	$\pm 1.1\%$	$\pm 9.6\%$
		Y	1.59	63.55	15.35		150.0		
		Z	1.55	63.00	15.18		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.90	66.83	15.43	0.00	150.0	$\pm 1.5\%$	$\pm 9.6\%$
		Y	2.65	66.05	14.86		150.0		
		Z	2.77	65.81	14.82		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.86	66.34	15.48	0.00	150.0	$\pm 2.4\%$	$\pm 9.6\%$
		Y	3.66	66.48	15.26		150.0		
		Z	3.74	65.54	15.02		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%.

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

^B Linearization parameter uncertainty for maximum specified field strength.

^C 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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KR25-SPF0005-C
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EX3DV4 - SN:7840

August 20, 2024

Parameters of Probe: EX3DV4 - SN:7840**Sensor Model Parameters**

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
x	9.6	68.55	32.96	1.22	0.00	4.90	0.43	0.00	1.00
y	7.2	51.96	32.94	1.44	0.00	4.90	0.32	0.00	1.00
z	9.9	71.19	33.34	2.36	0.00	4.90	0.11	0.01	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-75.2°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

EX3DV4 - SN:7840

August 20, 2024

Parameters of Probe: EX3DV4 - SN:7840**Calibration Parameter Determined in Head Tissue Simulating Media**

f (MHz) ^C	Relative Permittivity ^E	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
750	41.9	0.89	8.95	8.96	8.85	0.36	1.27	±11.0%
850	41.5	0.92	8.57	8.58	8.47	0.36	1.27	±11.0%
900	41.5	0.97	8.41	8.41	8.31	0.36	1.27	±11.0%
1750	40.1	1.37	7.38	7.38	7.29	0.35	1.27	±11.0%
1900	40.0	1.40	7.20	7.20	7.11	0.35	1.27	±11.0%
2300	39.5	1.67	6.99	6.99	6.90	0.34	1.27	±11.0%
2450	39.2	1.80	6.81	6.82	6.73	0.34	1.27	±11.0%
2600	39.0	1.96	6.71	6.72	6.63	0.34	1.27	±11.0%
5250	35.9	4.71	5.50	5.50	5.43	0.30	1.27	±13.1%
5600	35.5	5.07	5.08	5.08	5.02	0.27	1.27	±13.1%
5800	35.3	5.27	5.07	5.07	5.01	0.26	1.27	±13.1%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 5 MHz is 4-6 MHz, and ConvF assessed at 13 MHz is 8-19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

^E The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than 15% from the target values (typically better than 13%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

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

^H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 82209-1529:2020.

EX3DV4 - SN:7840

August 20, 2024

Parameters of Probe: EX3DV4 - SN:7840

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 ^H (K = 2)
6500	34.5	6.07	5.15	5.15	5.09	0.20	1.27	±18.6%

^C Frequency validity at 6.5GHz is -500/+700 MHz, and +700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than $\pm 10\%$ from the target values (typically better than $\pm 6\%$) and are valid for TSL with deviations of up to $\pm 10\%$.

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

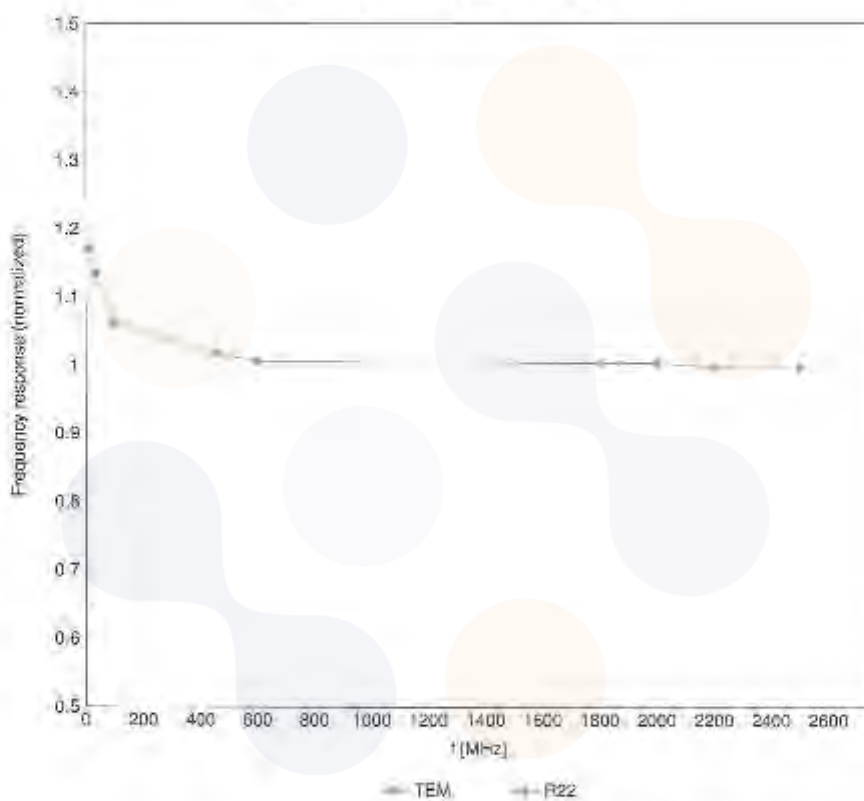
^H The stated uncertainty is the total calibration uncertainty (K = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1529:2020.

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Frequency Response of E-Field

(TEM-Cell:IF110 EXX, Waveguide:R22)

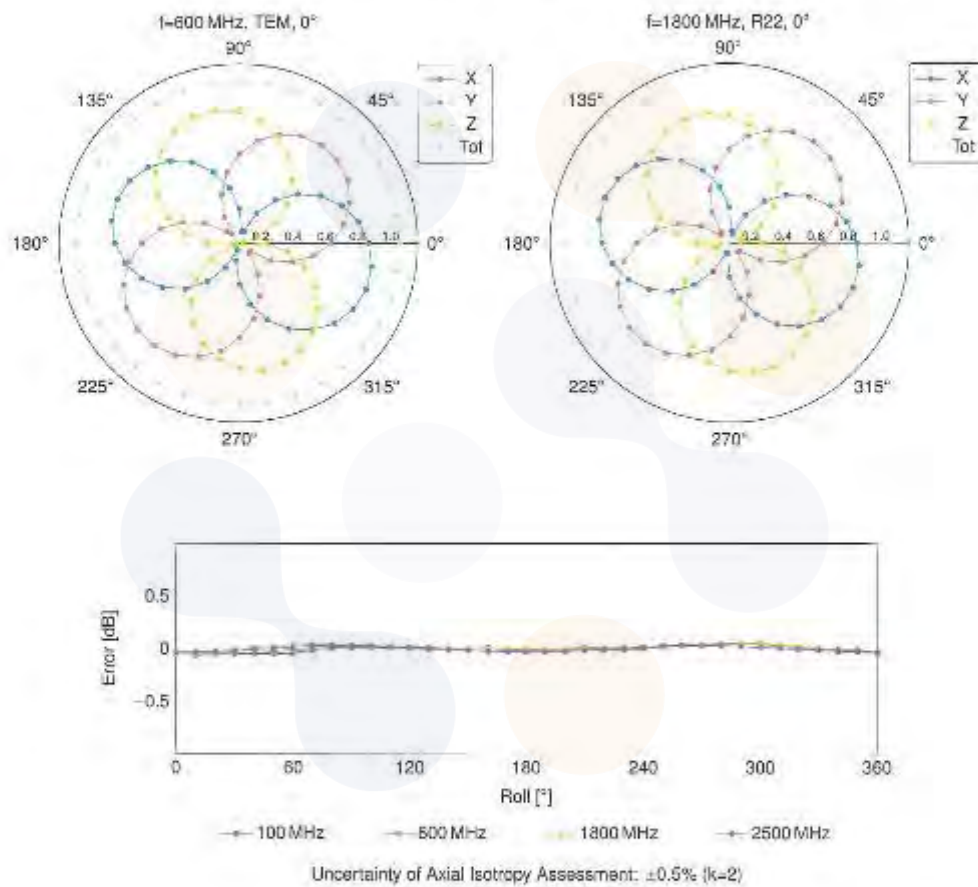


Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ ($k=2$)

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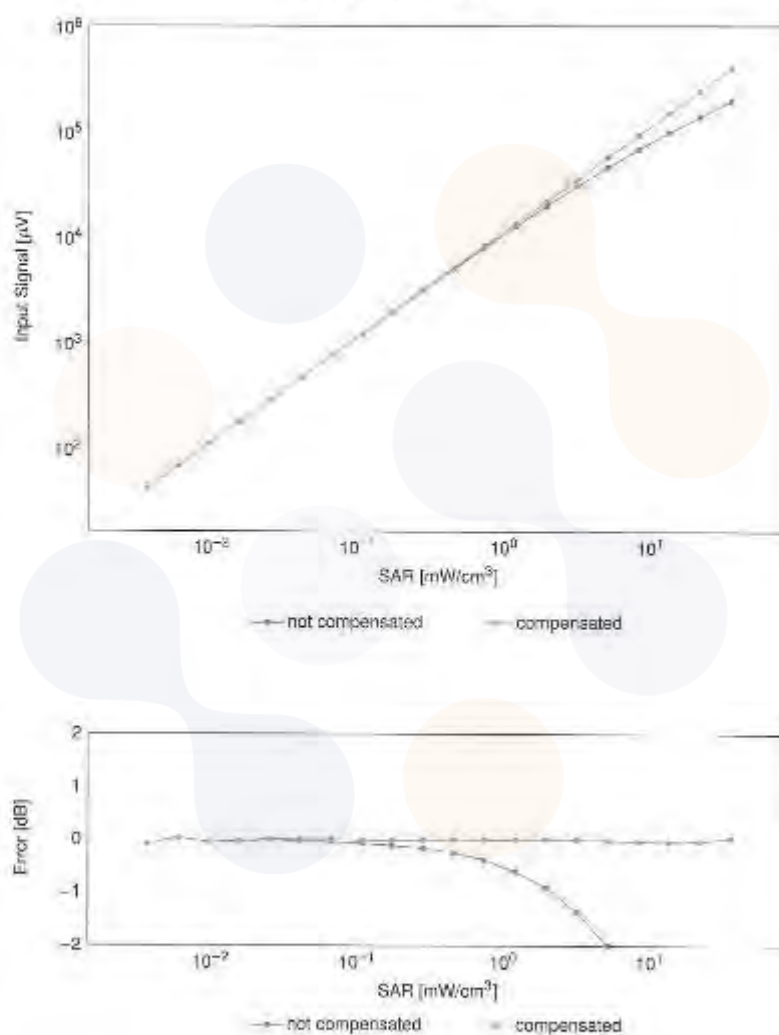
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Receiving Pattern (ϕ), $\theta = 0^\circ$



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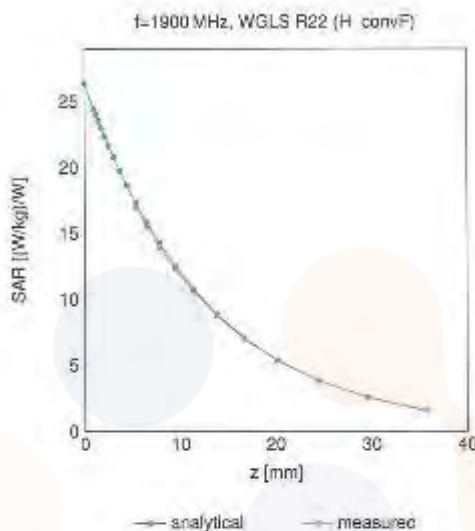
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Dynamic Range f(SAR_{head})(TEM cell, $f_{\text{eval}} = 1900\text{MHz}$)Uncertainty of Linearity Assessment: $\pm 0.6\%$ ($k=2$)

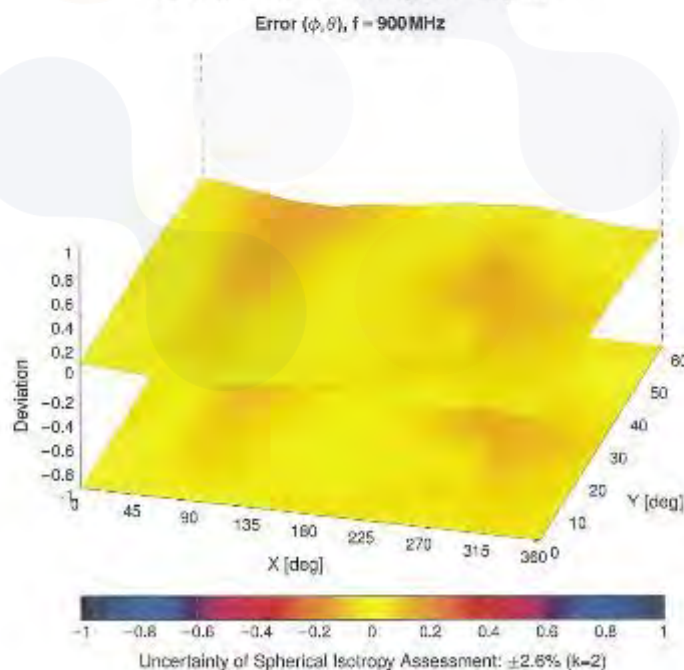
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
0		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	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-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	8.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.18	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (Pi/4 DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (Pi/4 DQPSK, DH2)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (Pi/4 DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA-FDM, Pi/4-DQPSK, Fullrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA-FDM, GFSK, Full Slot, 24)	DECT	18.80	±9.6
10049	CAA	DECT (TDD, TDMA-FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10050	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.50	±9.6
10062	CAE	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.88	±9.6
10063	CAE	IEEE 802.11a/n WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.83	±9.6
10064	CAE	IEEE 802.11a/n WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	8.09	±9.6
10065	CAE	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/n WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.28	±9.6
10067	CAE	IEEE 802.11a/n WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/n 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	9.63	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA-FDM, Pi/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10086	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subset 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	8.55	±9.6
10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	5.67	±9.6
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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August 20, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	8.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	8.82	±9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	9.10	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	9.40	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	9.15	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	9.07	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	9.50	±9.6
10119	CAF	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	9.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	8.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	8.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.78	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.66	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 8 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAQ	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10190	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAE	IEEE 802.11n (HT Greenfield, 36 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAE	IEEE 802.11n (HT Greenfield, 66 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAF	IEEE 802.11n (HT Mixed, 36 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 66 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAE	IEEE 802.11n (HT Mixed, 43.8 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 80 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.06	±9.6

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10225	CAC	UMTS-FDD (HS-PA4)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.80	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.09	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel3.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel3.4)	WCDMA	3.88	±9.6
10277	GAA	PHS (QPSK)	PHS	11.81	±9.6
10278	GAA	PHS (QPSK, BW 884 MHz, Roll-off 0.5)	PHS	11.81	±9.6
10279	GAA	PHS (QPSK, BW 884 MHz, Roll-off 0.38)	PHS	12.18	±9.6
10280	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10281	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10282	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10283	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10286	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 ft	CDMA2000	12.49	±9.6
10287	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10288	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10289	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.80	±9.6
10301	AAA	IEEE 802.16e WIMAX (20:18, 5 ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WIMAX (20:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6
10304	AAA	IEEE 802.16e WIMAX (20:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.66	±9.6
10305	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WIMAX (20:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WIMAX (20:16, 10 ms, 10MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.48	±9.6
10308	AAA	IEEE 802.16e WIMAX (20:16, 10 ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WIMAX (20:16, 10 ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WIMAX (20:16, 10 ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 1:3	IDEN	10.51	±9.6
10314	AAA	IDEN 1:5	IDEN	13.46	±9.6
10315	AAS	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.71	±9.6
10316	AAS	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	6.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.36	±9.6
10362	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10363	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10364	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.96	±9.6
10365	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10366	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10367	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10368	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10369	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10369	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	6.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	6.60	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	6.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAS	CDMA2000, RCH, SCH, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS OFDM, 6 Mbps, 99pc duty cycle, Long preamble)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS OFDM, 6 Mbps, 99pc duty cycle, Short preamble)	WLAN	8.18	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	6.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	6.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 30 Mbps, 16-QAM)	WLAN	8.46	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	6.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	6.36	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	6.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	6.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 80 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.55	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	6.83	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.66	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	9.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.80	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.88	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.87	±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	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.35	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.35	±9.6
10530	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.43	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.29	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.39	±9.6

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10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.5
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.5
10543	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.5
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.47	±9.5
10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.66	±9.5
10546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.85	±9.5
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.5
10548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.5
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.5
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.5
10552	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	9.42	±9.5
10553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.5
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.5
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.5
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.5
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.5
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.5
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.73	±9.5
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.5
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.5
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.5
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.5
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.5
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.5
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.5
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.5
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.5
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.5
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.98	±9.5
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.99	±9.5
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.98	±9.5
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.98	±9.5
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 5 Mbps, 99pc duty cycle)	WLAN	8.58	±9.5
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.60	±9.5
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.70	±9.5
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.49	±9.5
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.35	±9.5
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.75	±9.5
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.35	±9.5
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.67	±9.5
10583	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.59	±9.5
10584	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.60	±9.5
10585	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.70	±9.5
10586	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.48	±9.5
10587	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.96	±9.5
10588	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.76	±9.5
10589	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.35	±9.5
10590	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.67	±9.5
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 99pc duty cycle)	WLAN	8.63	±9.5
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 99pc duty cycle)	WLAN	8.79	±9.5
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 99pc duty cycle)	WLAN	8.64	±9.5
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 99pc duty cycle)	WLAN	8.74	±9.5
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 99pc duty cycle)	WLAN	8.74	±9.5
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 99pc duty cycle)	WLAN	8.71	±9.5
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 99pc duty cycle)	WLAN	8.72	±9.5
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.5
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 99pc duty cycle)	WLAN	8.79	±9.5
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 99pc duty cycle)	WLAN	8.88	±9.5
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 99pc duty cycle)	WLAN	8.82	±9.5
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 99pc duty cycle)	WLAN	8.94	±9.5
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 99pc duty cycle)	WLAN	9.03	±9.5
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 99pc duty cycle)	WLAN	8.76	±9.5
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 99pc duty cycle)	WLAN	8.97	±9.5
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 99pc duty cycle)	WLAN	8.82	±9.5
10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.84	±9.5
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.5

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10509	AAD	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±0.6
10510	AAD	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±0.6
10511	AAD	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±0.6
10512	AAD	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±0.6
10513	AAD	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±0.6
10514	AAD	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±0.6
10515	AAD	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±0.6
10516	AAD	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.82	±0.6
10517	AAD	IEEE 802.11ac WiFi (40MHz, MCS10, 90pc duty cycle)	WLAN	8.81	±0.6
10518	AAD	IEEE 802.11ac WiFi (40MHz, MCS11, 90pc duty cycle)	WLAN	8.58	±0.6
10519	AAD	IEEE 802.11ac WiFi (40MHz, MCS12, 90pc duty cycle)	WLAN	8.86	±0.6
10520	AAD	IEEE 802.11ac WiFi (40MHz, MCS13, 90pc duty cycle)	WLAN	8.57	±0.6
10521	AAD	IEEE 802.11ac WiFi (40MHz, MCS14, 90pc duty cycle)	WLAN	8.77	±0.6
10522	AAD	IEEE 802.11ac WiFi (40MHz, MCS15, 90pc duty cycle)	WLAN	8.88	±0.6
10523	AAD	IEEE 802.11ac WiFi (40MHz, MCS16, 90pc duty cycle)	WLAN	8.82	±0.6
10524	AAD	IEEE 802.11ac WiFi (40MHz, MCS17, 90pc duty cycle)	WLAN	8.98	±0.6
10525	AAD	IEEE 802.11ac WiFi (40MHz, MCS18, 90pc duty cycle)	WLAN	8.96	±0.6
10526	AAD	IEEE 802.11ac WiFi (80MHz, MCS19, 90pc duty cycle)	WLAN	8.83	±0.6
10527	AAD	IEEE 802.11ac WiFi (80MHz, MCS20, 90pc duty cycle)	WLAN	8.88	±0.6
10528	AAD	IEEE 802.11ac WiFi (80MHz, MCS21, 90pc duty cycle)	WLAN	8.71	±0.6
10529	AAD	IEEE 802.11ac WiFi (80MHz, MCS22, 90pc duty cycle)	WLAN	8.65	±0.6
10530	AAD	IEEE 802.11ac WiFi (80MHz, MCS23, 90pc duty cycle)	WLAN	8.72	±0.6
10531	AAD	IEEE 802.11ac WiFi (80MHz, MCS24, 90pc duty cycle)	WLAN	8.81	±0.6
10532	AAD	IEEE 802.11ac WiFi (80MHz, MCS25, 90pc duty cycle)	WLAN	8.74	±0.6
10533	AAD	IEEE 802.11ac WiFi (80MHz, MCS26, 90pc duty cycle)	WLAN	8.83	±0.6
10534	AAD	IEEE 802.11ac WiFi (80MHz, MCS27, 90pc duty cycle)	WLAN	8.80	±0.6
10535	AAD	IEEE 802.11ac WiFi (80MHz, MCS28, 90pc duty cycle)	WLAN	8.81	±0.6
10536	AAD	IEEE 802.11ac WiFi (160MHz, MCS29, 90pc duty cycle)	WLAN	8.83	±0.6
10537	AAD	IEEE 802.11ac WiFi (160MHz, MCS30, 90pc duty cycle)	WLAN	8.79	±0.6
10538	AAD	IEEE 802.11ac WiFi (160MHz, MCS31, 90pc duty cycle)	WLAN	8.85	±0.6
10539	AAD	IEEE 802.11ac WiFi (160MHz, MCS32, 90pc duty cycle)	WLAN	8.85	±0.6
10540	AAD	IEEE 802.11ac WiFi (160MHz, MCS33, 90pc duty cycle)	WLAN	8.88	±0.6
10541	AAD	IEEE 802.11ac WiFi (160MHz, MCS34, 90pc duty cycle)	WLAN	8.08	±0.6
10542	AAL	IEEE 802.11ac WiFi (160MHz, MCS35, 90pc duty cycle)	WLAN	8.06	±0.6
10543	AAD	IEEE 802.11ac WiFi (160MHz, MCS36, 90pc duty cycle)	WLAN	8.89	±0.6
10544	AAD	IEEE 802.11ac WiFi (160MHz, MCS37, 90pc duty cycle)	WLAN	9.06	±0.6
10545	AAD	IEEE 802.11ac WiFi (160MHz, MCS38, 90pc duty cycle)	WLAN	9.11	±0.6
10546	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, CPB, UL Subframe=2,7)	LTE-TDD	11.96	±0.6
10547	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, CPB, UL Subframe=2,7)	LTE-TDD	11.96	±0.6
10548	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±0.6
10549	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±0.6
10550	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±0.6
10551	AAF	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.98	±0.6
10552	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±0.6
10553	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±0.6
10554	AAB	Pulse Waveform (200Hz, 20%)	Test	6.89	±0.6
10555	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±0.6
10556	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±0.6
10557	AAB	Pulse Waveform (200Hz, 80%)	Test	0.57	±0.6
10558	AAA	Bluetooth Low Energy	Bluetooth	2.19	±0.6
10559	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±0.6
10560	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±0.6
10561	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±0.6
10562	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±0.6
10563	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±0.6
10564	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±0.6
10565	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±0.6
10566	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±0.6
10567	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±0.6
10568	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±0.6
10569	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±0.6
10570	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.65	±0.6
10571	AAC	IEEE 802.11ax (20MHz, MCS12, 90pc duty cycle)	WLAN	8.42	±0.6
10572	AAC	IEEE 802.11ax (20MHz, MCS13, 90pc duty cycle)	WLAN	8.26	±0.6
10573	AAC	IEEE 802.11ax (20MHz, MCS14, 90pc duty cycle)	WLAN	8.33	±0.6
10574	AAC	IEEE 802.11ax (20MHz, MCS15, 90pc duty cycle)	WLAN	8.28	±0.6

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10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.5
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.5
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.5
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.5
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.5
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.5
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.5
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.5
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.5
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.5
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.81	±9.5
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.99	±9.5
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.5
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.5
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.66	±9.5
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.5
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.5
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.5
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.5
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.5
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.5
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.5
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.5
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.5
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.5
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.5
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.5
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.5
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.5
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.5
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.5
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.5
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.5
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.67	±9.5
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.75	±9.5
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.5
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.5
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.30	±9.5
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.5
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.5
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.68	±9.5
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.5
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.5
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.5
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.5
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.5
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.5
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.5
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.5
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.5
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.5
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.5
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.5
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.49	±9.5
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.5
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.5
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.5
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.5
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.63	±9.5
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.5
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.5
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.35	±9.5
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.5
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.5
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.92	±9.5
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.5

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10753	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle)	WLAN	8.03	+9.6
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)	WLAN	8.04	+9.6
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.84	+9.6
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)	WLAN	8.77	+9.6
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)	WLAN	8.77	+9.6
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)	WLAN	8.69	+9.6
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)	WLAN	8.58	+9.6
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)	WLAN	8.48	+9.6
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle)	WLAN	8.58	+9.6
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8.48	+9.6
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	8.53	+9.6
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle)	WLAN	8.54	+9.6
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle)	WLAN	8.54	+9.6
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)	WLAN	8.51	+9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.90	+9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	+9.6
10769	AAE	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	+9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6
10771	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	+9.6
10773	AAE	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	+9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6
10775	AAE	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	+9.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	+9.6
10777	AAE	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	+9.6
10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	+9.6
10779	AAE	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	+9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	+9.6
10781	AAE	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	+9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	+9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	+9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	+9.6
10785	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	+9.6
10786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	+9.6
10787	AAE	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	+9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	+9.6
10789	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	+9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	+9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	+9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	+9.6
10793	AAE	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	+9.6
10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	+9.6
10795	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.94	+9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	+9.6
10797	AAE	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	+9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	+9.6
10799	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	+9.6
10800	AAE	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	+9.6
10801	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	+9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	+9.6
10803	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	+9.6
10804	AAE	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	+9.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	+9.6
10806	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	+9.6
10807	AAE	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	+9.6
10808	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	+9.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	+9.6
10810	AAE	5G NR (CP-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	+9.6
10811	AAE	5G NR (CP-OFDM, 50% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	+9.6
10812	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	+9.6
10813	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	+9.6
10814	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	+9.6
10815	AAE	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	+9.6
10816	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	+9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	+9.6
10818	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	+9.6
10819	AAE	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	+9.6
10820	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	+9.6
10821	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	+9.6

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10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.40	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.93	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAF	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.79	±9.6
10834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.88	±9.6
10837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.80	±9.6
10838	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.48	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.41	±9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	9.38	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	9.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.81	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.85	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.67	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.81	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.85	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.79	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.41	±9.6
10897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10899	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10902	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.59	±9.6
10904	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.58	±9.6
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
10907	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.92	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^k k = 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.52	±9.5
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.54	±9.5
10913	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.54	±9.5
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.55	±9.5
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.53	±9.5
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.57	±9.5
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.5
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.5
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.5
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.5
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.5
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.5
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.5
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.5
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.5
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.5
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.5
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.5
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.5
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.5
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.5
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.5
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.5
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.5
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.5
10936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.50	±9.5
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.5
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.5
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.5
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.5
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.5
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.5
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.5
10944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.5
10945	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.55	±9.5
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.53	±9.5
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.5
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.5
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.5
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.5
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.5
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.5
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.5
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.22	±9.5
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.5
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.5
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.5
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.5
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.5
10960	AAF	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.5
10961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.35	±9.5
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.5
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.5
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.5
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.5
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.5
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.5
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.5
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.5
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.05	±9.5
10974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.5
10978	AAA	ULLA BDR	ULLA	1.15	±9.5
10979	AAA	ULLA HDR4	ULLA	8.58	±9.5
10980	AAA	ULLA HDR8	ULLA	10.32	±9.5
10981	AAA	ULLA HDRp4	ULLA	3.19	±9.5
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.5

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**KCTL**

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August 20, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10993	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	+9.6
10994	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	+9.6
10995	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	+9.6
10996	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	+9.6
10997	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	+9.6
10998	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.30	+9.6
10999	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	+9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	+9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	+9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	+9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	+9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	+9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	+9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	+9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	+9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	+9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 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	8.98	+9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	+9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	+9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	+9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	+9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	+9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	+9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	+9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	+9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	+9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	+9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	+9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	+9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	+9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	+9.6

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

Appendix A.7 Probe Calibration certificate (EX3DV4_SN7851)

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



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S 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 **Eurofins KCTL**
Gyeonggi-do, Republic of Korea

Certificate No. **EX-7851_Jul24**

CALIBRATION CERTIFICATE

Object **EX3DV4 - SN:7851**

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 17, 2024**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.
All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.
Calibration Equipment used (MSTE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-291	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
CCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (CCP-DAK3.5-1249 Oct23)	Oct-24
CCP DAK-12	SN: 1016	05-Oct-23 (CCP-DAK12-1016 Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-660 Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7348	03-Jun-24 (No. EX3-7348_Jun24)	Jun-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41292674	06-Apr-16 (in house check Jun-24)	In house check: Jun-28
Power sensor E4412A	SN: MY41480387	06-Apr-16 (in house check Jun-24)	In house check: Jun-28
Power sensor E4412A	SN: 000110210	06-Apr-18 (in house check Jun-24)	In house check: Jun-28
RF generator HP 8640C	SN: US3642001700	04-Aug-89 (in house check Jun-24)	In house check: Jun-28
Network Analyzer E6356A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Jouna Uusheja	Laboratory Technician	
Approved by	Sven Köhn	Technical Manager	
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			
Issued: July 17, 2024			

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



S Schweizerischer Kalibrierdienst
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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**

Glossary

TSL	issue-simulating liquid
$NORM_{x,y,z}$	sensitivity in free space
ConvF	sensitivity in TSL / $NORM_{x,y,z}$
DCP	diode compression point
CF	crest factor (1/duty cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020
- KDB 865654, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- $NORM_{x,y,z}$: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). $NORM_{x,y,z}$ are only intermediate values, i.e., the uncertainties of $NORM_{x,y,z}$ does not affect the E-field uncertainty inside TSL (see below ConvF).
- $NORM(f)_{x,y,z} = NORM_{x,y,z} \cdot \text{frequency response}$ (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.
- $DCP_{x,y,z}$: 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.
- $A_{x,y,z}$; $B_{x,y,z}$; $C_{x,y,z}$; $D_{x,y,z}$; $VR_{x,y,z}$: 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 for Temperature Transfer Standard for ($f \leq 800$ 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 $NORM_{x,y,z} \cdot \text{ConvF}$ 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 $NORM_{x,y,z}$ (no uncertainty required).

EX3DV4 - SN:7851

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Parameters of Probe: EX3DV4 - SN:7851

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm ($\mu V/(V/m)^2$) ^A	0.65	0.67	0.67	$\pm 10.1\%$
DCF (mV) ^B	108.8	106.5	108.3	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{\mu V}$	C	D dB	VR mV	Max dev.	Max Unc ^E k=2
0	CW	X	0.00	0.00	1.00	0.00	144.6	$\pm 1.2\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		120.0		
		Z	0.00	0.00	1.00		123.9		
10352	Pulse Waveform (200Hz, 10%)	X	1.71	61.35	6.70	10.00	60.0	$\pm 3.0\%$	$\pm 9.6\%$
		Y	1.64	61.01	6.70		60.0		
		Z	1.79	61.72	7.00		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.53	60.00	4.96	6.99	60.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	0.78	60.00	4.99		60.0		
		Z	0.62	60.00	5.08		60.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.09	129.06	0.08	9.98	95.0	$\pm 2.8\%$	$\pm 9.6\%$
		Y	0.13	136.73	0.53		95.0		
		Z	0.14	131.51	0.06		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	8.80	158.38	20.22	2.22	120.0	$\pm 1.5\%$	$\pm 9.6\%$
		Y	7.31	159.97	26.92		120.0		
		Z	9.22	158.25	17.19		120.0		
10357	QPSK Waveform, 1 MHz	X	0.42	61.74	11.34	1.00	150.0	$\pm 3.4\%$	$\pm 9.6\%$
		Y	0.49	63.30	12.60		150.0		
		Z	0.45	62.63	11.84		150.0		
10358	QPSK Waveform, 10 MHz	X	1.15	64.94	13.05	0.00	150.0	$\pm 1.0\%$	$\pm 9.6\%$
		Y	1.28	66.17	13.77		150.0		
		Z	1.25	65.43	13.53		150.0		
10398	64-QAM Waveform, 100 kHz	X	1.66	64.30	15.71	3.01	150.0	$\pm 0.9\%$	$\pm 9.6\%$
		Y	1.72	64.73	15.94		150.0		
		Z	1.74	64.89	15.82		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.67	65.99	14.78	0.00	150.0	$\pm 1.5\%$	$\pm 9.6\%$
		Y	2.76	66.47	15.12		150.0		
		Z	2.74	66.12	14.91		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.73	66.45	15.27	0.03	150.0	$\pm 2.7\%$	$\pm 9.6\%$
		Y	3.84	66.09	15.16		150.0		
		Z	3.85	66.53	15.41		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%.

^A The uncertainties of Norm X, Y, Z do not show the C^2 field uncertainty (see TSI) (see Pages 5 and 6).

^B DCF parameter uncertainty for maximum specified field strength.

^E Uncertainty is determined using the one deviation from three responses applying rectangular distribution and is expressed for the square of the field values.

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Parameters of Probe: EX3DV4 - SN:7851

Sensor Model Parameters

	C1 tF	C2 tF	α V^{-1}	T1 $ms V^{-2}$	T2 $ms V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	8.1	56.96	31.89	3.61	0.00	4.91	0.46	0.00	1.00
y	7.9	55.82	32.40	0.92	0.00	4.90	0.50	0.00	1.00
z	9.0	63.27	32.03	3.48	0.00	4.92	0.69	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-45.8°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	837 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 mode.

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Parameters of Probe: EX3DV4 - SN:7851

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^G	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k=2)
750	41.8	0.89	9.71	9.54	9.06	0.35	1.27	±11.0%
850	41.5	0.92	9.54	9.36	8.80	0.35	1.27	±11.0%
900	41.5	0.97	9.36	9.18	8.73	0.35	1.27	±11.0%
1750	40.1	1.37	8.13	7.96	7.59	0.35	1.27	±11.0%
1900	40.0	1.40	7.87	7.72	7.34	0.36	1.27	±11.0%
2300	39.5	1.67	7.72	7.58	7.20	0.36	1.27	±11.0%
2450	39.2	1.80	7.44	7.30	6.94	0.36	1.27	±11.0%
2600	39.0	1.96	7.52	7.38	7.01	0.36	1.27	±11.0%
3300	38.2	2.71	6.66	6.53	6.21	0.36	1.27	±13.1%
3500	37.9	2.91	6.74	6.61	6.29	0.36	1.27	±13.1%
3700	37.7	3.12	6.75	6.63	6.30	0.37	1.27	±13.1%
3900	37.5	3.32	6.80	6.48	6.16	0.37	1.27	±13.1%
4100	37.2	3.53	6.48	6.36	6.04	0.37	1.27	±13.1%
4400	36.9	3.84	6.31	6.19	5.89	0.37	1.27	±13.1%
4600	36.7	4.04	6.15	6.04	5.74	0.37	1.27	±13.1%
4800	36.4	4.25	6.16	6.04	5.74	0.37	1.27	±13.1%
4950	36.3	4.40	6.05	5.93	5.64	0.36	1.27	±13.1%
5250	35.9	4.71	5.47	5.36	5.10	0.33	1.27	±13.1%
5600	35.5	5.07	4.63	4.74	4.51	0.29	1.27	±13.1%
5800	35.3	5.27	4.93	4.84	4.60	0.27	1.27	±13.1%

^G Frequency validity above 300 MHz or ±100 MHz only applies for DAS-VI 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 ±8 MHz and ConvF assessed at 13 MHz is 5–13 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±5% from the target values (typically lower than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

^G Alpha/Depth are determined during calibration. SPSS43 warns 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 3–5 GHz at any distance larger than half the probe tip diameter from the boundary.

^H The stated uncertainty is the total calibration uncertainty (k=2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol, CP F, Table 9 of IEC/IEEE 62209-1328:2020.

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Parameters of Probe: EX3DV4 - SN:7851

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 ^H (k = 2)
6500	34.5	6.07	5.48	5.38	5.11	0.20	1.27	±18.6%
7000	33.9	6.65	5.59	5.48	5.21	0.20	1.27	±18.6%

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

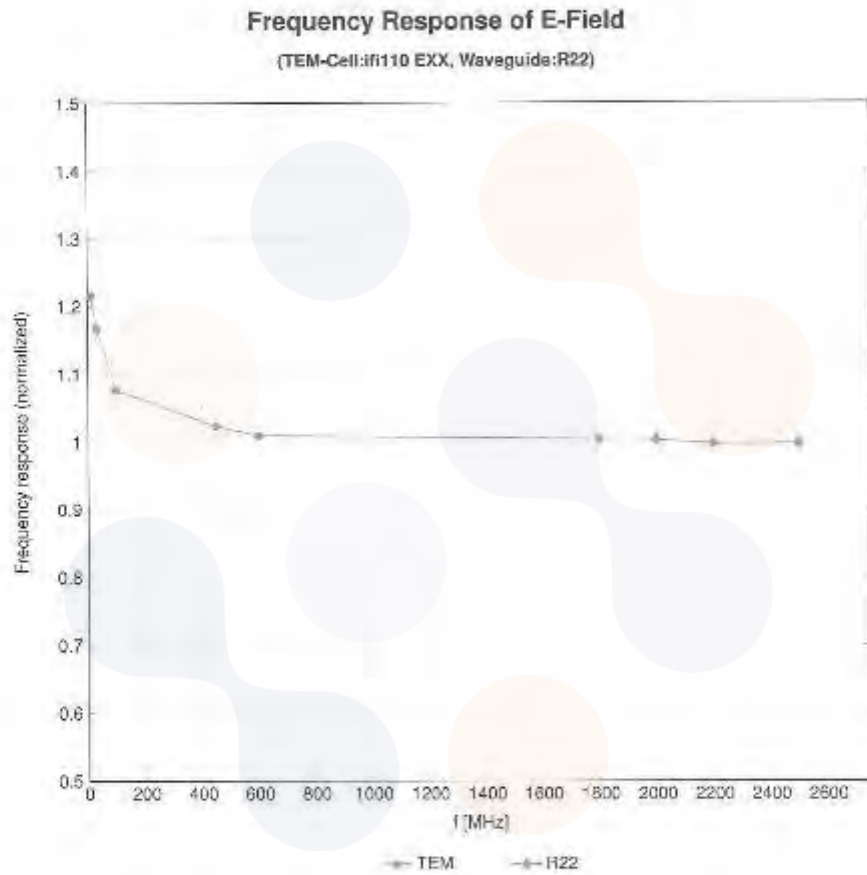
^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after 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.

^H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-CalvK. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

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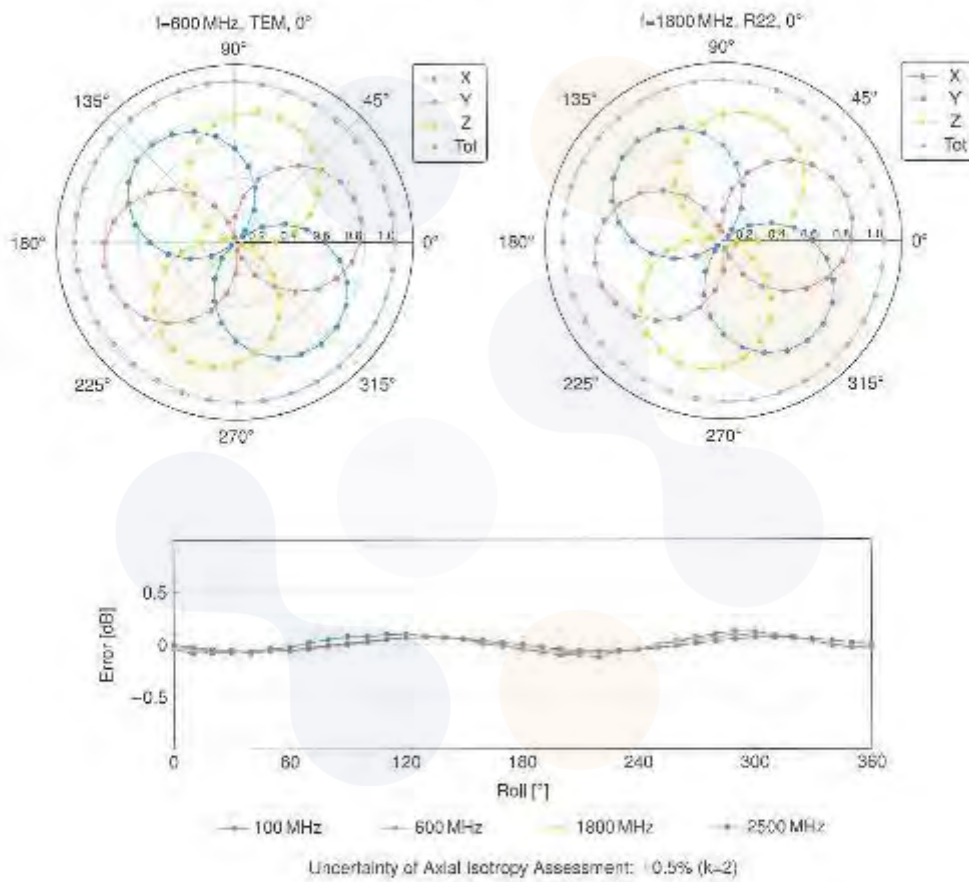


Uncertainty of Frequency Response of E field: $\pm 6.3\%$ (k=2)

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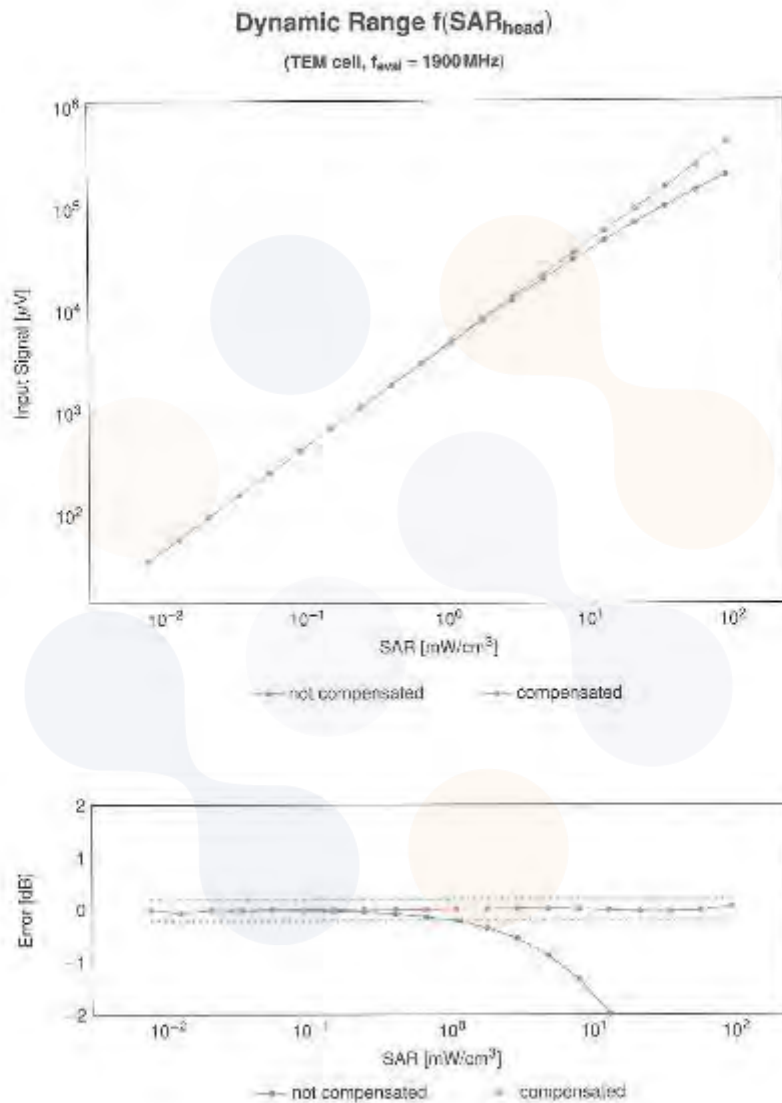
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Receiving Pattern (ϕ), $\theta = 0^\circ$



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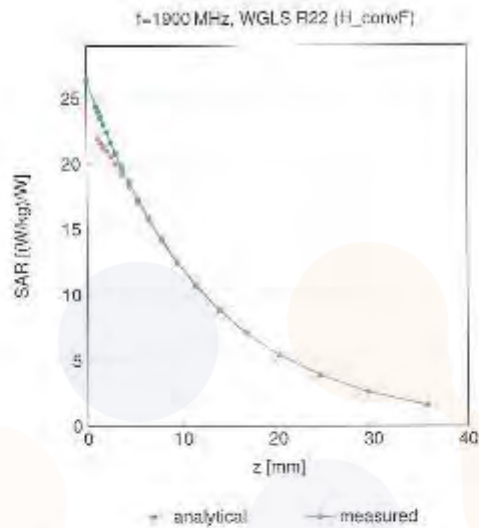


Uncertainty of Linearity Assessment: ±0.6% (k=2)

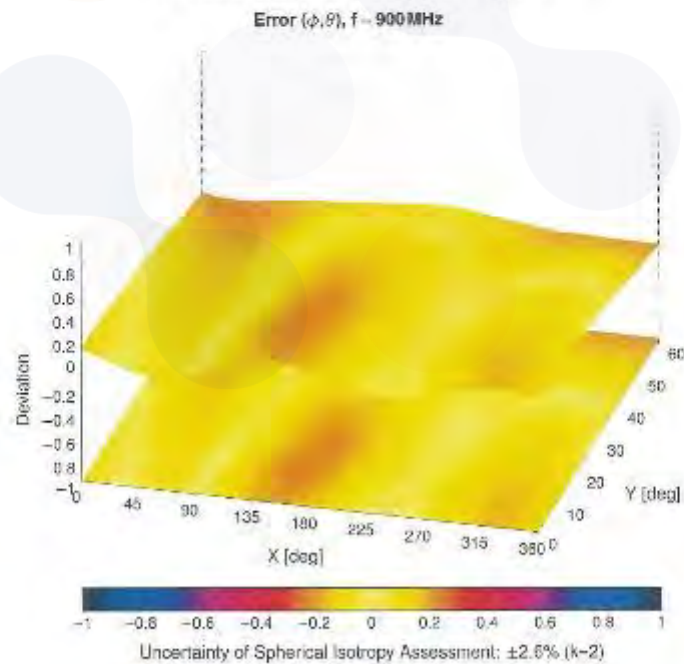
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



Eurofins KCTL Co.,Ltd.

65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
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Report No.:
KR25-SPF0005-C
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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PMR (dB)	Unc ² A = 2
0		CW	CW	0.00	+4.7
10010	CAR	SAF Validation (Square, 100 Hz, 10 ms)	test	10.00	+9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.54	+9.6
10012	CAR	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.67	+9.6
10013	CAR	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	3.46	+9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	3.35	+9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, 11.2 k)	GSM	3.57	+9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, 11.2 k-1)	GSM	5.55	+9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, 11.2 k)	GSM	12.52	+9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, 11.2 k-1)	GSM	3.55	+9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, 11.2 k-2)	GSM	4.80	+9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, 11.2 k-3)	GSM	3.55	+9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, 11.2 k-2)	GSM	7.78	+9.6
10030	CAA	IEEE 802.15.1 Bluetooth (DPSK, 2M)	Bluetooth	5.36	+9.6
10031	CAA	IEEE 802.15.1 Bluetooth (DPSK, 3M)	Bluetooth	1.67	+9.6
10032	CAA	IEEE 802.15.1 Bluetooth (DPSK, 4M)	Bluetooth	1.16	+9.6
10033	CAA	IEEE 802.15.1 Bluetooth (P4-DQPSK, 2M)	Bluetooth	7.74	+9.6
10034	CAA	IEEE 802.15.1 Bluetooth (P4-DQPSK, 3M)	Bluetooth	4.50	+9.6
10035	CAA	IEEE 802.15.1 Bluetooth (P4-DQPSK, 4M)	Bluetooth	3.80	+9.6
10036	CAA	IEEE 802.15.1 Bluetooth (B-DPSK, 2M)	Bluetooth	3.01	+9.6
10037	CAA	IEEE 802.15.1 Bluetooth (B-DPSK, 3M)	Bluetooth	4.77	+9.6
10038	CAA	IEEE 802.15.1 Bluetooth (B-DPSK, 4M)	Bluetooth	4.10	+9.6
10039	CAB	CDMA2000 (1xRTT, FDD)	CDMA2000	4.57	+9.6
10042	CAB	IS-94 / IS-136 FDD (TDMA/FDM, P4-DQPSK, Fullrate)	AMPS	7.78	+9.6
10044	CAA	IS-94 / IS-136 FDD (TDMA/FDM, P4-DQPSK, Halfrate)	AMPS	0.00	+9.6
10045	CAA	DECT (TSC, TDMA/FDM, GFSK, Full Slot, 2s)	DECT	15.80	+9.6
10049	CAA	DECT (TSC, TDMA/FDM, GFSK, Double Slot, 12s)	DECT	10.75	+9.6
10056	CAA	UMTS-TDD (SCDMA, 12.8 Mbps)	TU SCDMA	11.09	+9.6
10059	DAC	EDGE-FDD (TDMA, 8-PSK, 11.2 k-2-3)	GSM	3.59	+9.6
10059	CAR	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	+9.6
10060	CAR	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.55	+9.6
10061	CAR	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.59	+9.6
10062	CAR	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	9.80	+9.6
10063	CAR	IEEE 802.11a WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	9.53	+9.6
10064	CAR	IEEE 802.11a WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.39	+9.6
10065	CAR	IEEE 802.11a WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.30	+9.6
10066	CAR	IEEE 802.11a WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	+9.6
10067	CAR	IEEE 802.11a WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	+9.6
10068	CAL	ILL 802.11a WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	+9.6
10069	CAL	ILL 802.11a WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	+9.6
10071	CAL	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps)	WLAN	9.83	+9.6
10072	CAR	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps)	WLAN	9.82	+9.6
10073	CAR	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps)	WLAN	9.94	+9.6
10074	CAR	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps)	WLAN	10.30	+9.6
10075	CAR	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps)	WLAN	10.77	+9.6
10076	CAR	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps)	WLAN	10.94	+9.6
10077	CAR	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps)	WLAN	11.00	+9.6
10081	CAR	CDMA2000 (1xRTT, FDD)	CDMA2000	3.57	+9.6
10082	CAR	IS-94 / IS-136 FDD (TDMA/FDM, P4-DQPSK, Fullrate)	AMPS	4.77	+9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, 11.2 k-4)	GSM	3.56	+9.6
10097	CAC	UMTS-FDD (WCDMA)	WCDMA	3.58	+9.6
10098	CAC	UMTS-FDD (WCDMA, Subcar 3)	WCDMA	3.08	+9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, 11.2 k-4)	GSM	3.55	+9.6
10100	CAR	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	9.57	+9.6
10101	CAR	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	9.62	+9.6
10102	CAR	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	9.89	+9.6
10103	CAH	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	9.29	+9.6
10104	CAH	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	9.87	+9.6
10105	CAH	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	0.00	+9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	8.80	+9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	8.43	+9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	+9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	+9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc E = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	8.59	+9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	8.62	+9.6
10114	CAF	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	8.10	+9.6
10115	CAF	IEEE 802.11n (HT Greenfield, 8 Mbps, 64-QAM)	WLAN	8.46	+9.6
10116	CAF	IEEE 802.11n (HT Greenfield, 12.5Mbps, 64-QAM)	WLAN	8.15	+9.6
10117	CAF	IEEE 802.11n (HT Mixed, 13.5Mbps, QPSK)	WLAN	8.07	+9.6
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	+9.6
10119	CAC	IEEE 802.11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.13	+9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	8.48	+9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	8.53	+9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	8.79	+9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	8.25	+9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	8.65	+9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	8.76	+9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	8.4	+9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	8.72	+9.6
10148	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	8.42	+9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	8.50	+9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	8.25	+9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	8.99	+9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	8.99	+9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	10.05	+9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	8.75	+9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	8.43	+9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	8.75	+9.6
10157	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	8.49	+9.6
10158	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	8.68	+9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	8.58	+9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	8.82	+9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	8.43	+9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	8.58	+9.6
10163	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	8.48	+9.6
10164	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	8.21	+9.6
10165	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	8.79	+9.6
10166	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	8.79	+9.6
10167	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	8.52	+9.6
10168	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	8.99	+9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	8.21	+9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	8.48	+9.6
10171	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	8.52	+9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	8.48	+9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	8.25	+9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	8.72	+9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	8.52	+9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	8.52	+9.6
10177	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	8.79	+9.6
10178	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	8.52	+9.6
10179	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	8.50	+9.6
10180	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	8.50	+9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	8.79	+9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	8.52	+9.6
10183	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	8.50	+9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	8.73	+9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	8.51	+9.6
10186	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	8.50	+9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	8.73	+9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	8.52	+9.6
10189	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	8.50	+9.6
10190	CAC	IEEE 802.11n (HT Greenfield, 6.5Mbps, BPSK)	WLAN	8.06	+9.6
10191	CAC	IEEE 802.11n (HT Greenfield, 6.5Mbps, BPSK)	WLAN	8.12	+9.6
10192	CAF	IEEE 802.11n (HT Greenfield, 39Mbps, 16-QAM)	WLAN	8.25	+9.6
10193	CAF	IEEE 802.11n (HT Greenfield, 55Mbps, 64-QAM)	WLAN	8.25	+9.6
10194	CAF	IEEE 802.11n (HT Mixed, 6.5Mbps, BPSK)	WLAN	8.10	+9.6
10195	CAF	IEEE 802.11n (HT Mixed, 39Mbps, 16-QAM)	WLAN	8.13	+9.6
10196	CAF	IEEE 802.11n (HT Mixed, 55Mbps, 64-QAM)	WLAN	8.27	+9.6
10197	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.13	+9.6
10198	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.13	+9.6
10199	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.27	+9.6
10200	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.06	+9.6
10201	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.27	+9.6
10202	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.06	+9.6
10203	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.27	+9.6
10204	CAC	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.06	+9.6

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Report No.:
KR25-SPF0005-C
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**KCTL**

EX3DM - SN:7851

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ k = 2
10307	AAA	IEEE 802.11a WLAN (20 MHz, 10ms, 10 MHz, QPSK, FSSC, 15 symbols)	WLAN	14.43	+5.6
10308	AAA	IEEE 802.11a WLAN (20 MHz, 10ms, 10 MHz, QPSK, FSSC, 15 symbols)	WLAN	14.46	+5.6
10309	AAA	IEEE 802.11a WLAN (20 MHz, 10ms, 10 MHz, QPSK, FSSC, 15 symbols)	WLAN	14.58	+5.6
10310	AAA	IEEE 802.11a WLAN (20 MHz, 10ms, 10 MHz, QPSK, FSSC, 15 symbols)	WLAN	14.67	+5.6
10311	AAA	IEEE 802.11a WLAN (20 MHz, 10ms, 10 MHz, QPSK, FSSC, 15 symbols)	WLAN	14.67	+5.6
10312	AAA	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	8.08	+9.6
10313	AAA	IDEN 1.3	IDEN	10.51	+9.6
10314	AAA	IDEN 1.5	IDEN	10.40	+9.6
10315	AAA	IEEE 802.11b WLAN (2.4 GHz, DSSS, 1 Mbps, 96ps duty cycle)	WLAN	7.7	+9.6
10316	AAA	IEEE 802.11g WLAN (2.4 GHz, ERP-OFDM, 5.4 Mbps, 96ps duty cycle)	WLAN	8.26	+9.6
10317	AAA	IEEE 802.11g WLAN (2.4 GHz, ERP-OFDM, 5.4 Mbps, 96ps duty cycle)	WLAN	8.26	+9.6
10352	AAA	Pulse Waveform (200 Hz, 10%)	Generic	10.00	+9.6
10353	AAA	Pulse Waveform (200 Hz, 20%)	Generic	8.99	+9.6
10354	AAA	Pulse Waveform (200 Hz, 40%)	Generic	7.96	+9.6
10355	AAA	Pulse Waveform (200 Hz, 60%)	Generic	6.92	+9.6
10356	AAA	Pulse Waveform (200 Hz, 80%)	Generic	5.87	+9.6
10357	AAA	QPSK Waveform, 1 MHz	Generic	5.19	+9.6
10358	AAA	QPSK Waveform, 10 MHz	Generic	5.22	+9.6
10359	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	+9.6
10360	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	+9.6
10400	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.37	+9.6
10401	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.60	+9.6
10402	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10403	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10404	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10405	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10406	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10407	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10408	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10409	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10410	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10411	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10412	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10413	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10414	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10415	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10416	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10417	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10418	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10419	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10420	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10421	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10422	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10423	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10424	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10425	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10426	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10427	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10428	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10429	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10430	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10431	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10432	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10433	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10434	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10435	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10436	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10437	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10438	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10439	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10440	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10441	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10442	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10443	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10444	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10445	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10446	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10447	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10448	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10449	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10450	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10451	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10452	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10453	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10454	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10455	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10456	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10457	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10458	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10459	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10460	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10461	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10462	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10463	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10464	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10465	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10466	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10467	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10468	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10469	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10470	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6
10471	AAE	IEEE 802.11ac WLAN (5 GHz, 64-QAM, 30ps duty cycle)	WLAN	8.58	+9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.02	±9.6
10475	AAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.16	±9.6
10481	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.64	±9.6
10491	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.4	±9.6
10493	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.87	±9.6
10498	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.61	±9.6
10500	AAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.87	±9.6
10501	AAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.46	±9.6
10502	AAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.62	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.3	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAD	IEEE 802.11a WLAN (2.4 GHz, DSSS, 2 Mbps, 99% duty cycle)	WLAN	1.58	±9.6
10516	AAD	IEEE 802.11b WLAN (2.4 GHz, DSSS, 5.5 Mbps, 99% duty cycle)	WLAN	1.67	±9.6
10517	AAD	IEEE 802.11g WLAN (2.4 GHz, DSSS, 11 Mbps, 99% duty cycle)	WLAN	1.98	±9.6
10518	AAD	IEEE 802.11a WLAN (5 GHz, OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.25	±9.6
10519	AAD	IEEE 802.11a WLAN (5 GHz, OFDM, 12 Mbps, 99% duty cycle)	WLAN	8.55	±9.6
10520	AAD	IEEE 802.11a WLAN (5 GHz, OFDM, 18 Mbps, 99% duty cycle)	WLAN	9.12	±9.6
10521	AAD	IEEE 802.11a WLAN (5 GHz, OFDM, 24 Mbps, 99% duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a WLAN (5 GHz, OFDM, 36 Mbps, 99% duty cycle)	WLAN	9.45	±9.6
10523	AAD	IEEE 802.11a WLAN (5 GHz, OFDM, 48 Mbps, 99% duty cycle)	WLAN	8.05	±9.6
10524	AAD	IEEE 802.11a WLAN (5 GHz, OFDM, 54 Mbps, 99% duty cycle)	WLAN	9.27	±9.6
10525	AAD	IEEE 802.11b WLAN (20 MHz, MCS0, 99% duty cycle)	WLAN	11.38	±9.6
10526	AAD	IEEE 802.11a WLAN (20 MHz, MCS1, 99% duty cycle)	WLAN	9.42	±9.6
10527	AAD	IEEE 802.11a WLAN (20 MHz, MCS2, 99% duty cycle)	WLAN	9.21	±9.6
10528	AAD	IEEE 802.11a WLAN (20 MHz, MCS3, 99% duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11a WLAN (20 MHz, MCS4, 99% duty cycle)	WLAN	8.36	±9.6
10530	AAD	IEEE 802.11a WLAN (20 MHz, MCS5, 99% duty cycle)	WLAN	8.48	±9.6
10531	AAD	IEEE 802.11a WLAN (20 MHz, MCS6, 99% duty cycle)	WLAN	8.55	±9.6
10532	AAD	IEEE 802.11a WLAN (20 MHz, MCS7, 99% duty cycle)	WLAN	8.55	±9.6
10533	AAD	IEEE 802.11a WLAN (20 MHz, MCS8, 99% duty cycle)	WLAN	8.55	±9.6
10534	AAD	IEEE 802.11a WLAN (40 MHz, MCS0, 99% duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11a WLAN (40 MHz, MCS1, 99% duty cycle)	WLAN	8.45	±9.6
10536	AAD	IEEE 802.11a WLAN (40 MHz, MCS2, 99% duty cycle)	WLAN	8.32	±9.6
10537	AAD	IEEE 802.11a WLAN (40 MHz, MCS3, 99% duty cycle)	WLAN	8.4	±9.6
10538	AAD	IEEE 802.11a WLAN (40 MHz, MCS4, 99% duty cycle)	WLAN	8.54	±9.6
10539	AAD	IEEE 802.11a WLAN (40 MHz, MCS5, 99% duty cycle)	WLAN	8.54	±9.6

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10541	AAD	IEEE 802.11ac WiFi 140 MHz, MCS7, 99pc duty cycle	WLAN	8.46	±0.6
10542	AAD	IEEE 802.11ac WiFi 140 MHz, MCS8, 99pc duty cycle	WLAN	8.85	±0.6
10543	AAD	IEEE 802.11ac WiFi 140 MHz, MCS9, 99pc duty cycle	WLAN	8.65	±0.6
10544	AAD	IEEE 802.11ac WiFi 160 MHz, MCS8, 99pc duty cycle	WLAN	8.77	±0.6
10545	AAD	IEEE 802.11ac WiFi 160 MHz, MCS9, 99pc duty cycle	WLAN	8.55	±0.6
10546	AAD	IEEE 802.11ac WiFi 160 MHz, MCS8, 99pc duty cycle	WLAN	8.35	±0.6
10547	AAD	IEEE 802.11ac WiFi 160 MHz, MCS9, 99pc duty cycle	WLAN	8.49	±0.6
10548	AAD	IEEE 802.11ac WiFi 160 MHz, MCS4, 99pc duty cycle	WLAN	8.37	±0.6
10550	AAD	IEEE 802.11ac WiFi 160 MHz, MCS8, 99pc duty cycle	WLAN	8.28	±0.6
10551	AAD	IEEE 802.11ac WiFi 160 MHz, MCS7, 99pc duty cycle	WLAN	8.54	±0.6
10552	AAD	IEEE 802.11ac WiFi 160 MHz, MCS8, 99pc duty cycle	WLAN	8.48	±0.6
10553	AAD	IEEE 802.11ac WiFi 160 MHz, MCS9, 99pc duty cycle	WLAN	8.45	±0.6
10554	AAD	IEEE 802.11ac WiFi 180 MHz, MCS9, 99pc duty cycle	WLAN	8.45	±0.6
10555	AAD	IEEE 802.11ac WiFi 180 MHz, MCS9, 99pc duty cycle	WLAN	8.47	±0.6
10556	AAD	IEEE 802.11ac WiFi 180 MHz, MCS2, 99pc duty cycle	WLAN	8.50	±0.6
10557	AAD	IEEE 802.11ac WiFi 180 MHz, MCS3, 99pc duty cycle	WLAN	8.52	±0.6
10558	AAD	IEEE 802.11ac WiFi 180 MHz, MCS4, 99pc duty cycle	WLAN	8.51	±0.6
10560	AAD	IEEE 802.11ac WiFi 180 MHz, MCS5, 99pc duty cycle	WLAN	8.72	±0.6
10561	AAD	IEEE 802.11ac WiFi 180 MHz, MCS7, 99pc duty cycle	WLAN	8.56	±0.6
10562	AAD	IEEE 802.11ac WiFi 180 MHz, MCS8, 99pc duty cycle	WLAN	8.69	±0.6
10563	AAD	IEEE 802.11ac WiFi 180 MHz, MCS9, 99pc duty cycle	WLAN	8.77	±0.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 9 Mbps, 99pc duty cycle	WLAN	8.25	±0.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 12 Mbps, 99pc duty cycle	WLAN	8.45	±0.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 18 Mbps, 99pc duty cycle	WLAN	8.13	±0.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 24 Mbps, 99pc duty cycle	WLAN	8.00	±0.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 36 Mbps, 99pc duty cycle	WLAN	8.17	±0.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 48 Mbps, 99pc duty cycle	WLAN	8.10	±0.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 54 Mbps, 99pc duty cycle	WLAN	8.20	±0.6
10571	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS, 1 Mbps, 99pc duty cycle	WLAN	1.89	±0.6
10572	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS, 2 Mbps, 99pc duty cycle	WLAN	1.95	±0.6
10573	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS, 5.5 Mbps, 99pc duty cycle	WLAN	1.98	±0.6
10574	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS, 11 Mbps, 99pc duty cycle	WLAN	1.98	±0.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 6 Mbps, 99pc duty cycle	WLAN	5.59	±0.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 9 Mbps, 99pc duty cycle	WLAN	6.60	±0.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 12 Mbps, 99pc duty cycle	WLAN	6.70	±0.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 18 Mbps, 99pc duty cycle	WLAN	6.49	±0.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 24 Mbps, 99pc duty cycle	WLAN	6.38	±0.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 36 Mbps, 99pc duty cycle	WLAN	6.78	±0.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 48 Mbps, 99pc duty cycle	WLAN	6.35	±0.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz, DSSS-OFDM, 54 Mbps, 99pc duty cycle	WLAN	6.67	±0.6
10583	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 6 Mbps, 99pc duty cycle	WLAN	8.58	±0.6
10584	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 9 Mbps, 99pc duty cycle	WLAN	8.60	±0.6
10585	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 12 Mbps, 99pc duty cycle	WLAN	8.70	±0.6
10586	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 18 Mbps, 99pc duty cycle	WLAN	8.45	±0.6
10587	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 24 Mbps, 99pc duty cycle	WLAN	8.56	±0.6
10588	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 36 Mbps, 99pc duty cycle	WLAN	8.76	±0.6
10589	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 48 Mbps, 99pc duty cycle	WLAN	8.35	±0.6
10590	AAD	IEEE 802.11a WiFi 5 GHz, OFDM, 54 Mbps, 99pc duty cycle	WLAN	8.57	±0.6
10591	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS9, 99pc duty cycle	WLAN	8.53	±0.6
10592	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS9, 99pc duty cycle	WLAN	8.79	±0.6
10593	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS8, 99pc duty cycle	WLAN	8.94	±0.6
10594	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS9, 99pc duty cycle	WLAN	8.74	±0.6
10595	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS4, 99pc duty cycle	WLAN	8.74	±0.6
10596	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS5, 99pc duty cycle	WLAN	8.71	±0.6
10597	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS6, 99pc duty cycle	WLAN	8.72	±0.6
10598	AAD	IEEE 802.11n HT Mixed, 20 MHz, MCS7, 99pc duty cycle	WLAN	8.50	±0.6
10599	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS9, 99pc duty cycle	WLAN	8.79	±0.6
10600	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS7, 99pc duty cycle	WLAN	8.68	±0.6
10601	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS2, 99pc duty cycle	WLAN	8.62	±0.6
10602	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS3, 99pc duty cycle	WLAN	8.84	±0.6
10603	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS4, 99pc duty cycle	WLAN	8.03	±0.6
10604	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS5, 99pc duty cycle	WLAN	8.75	±0.6
10605	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS6, 99pc duty cycle	WLAN	8.97	±0.6
10606	AAD	IEEE 802.11n HT Mixed, 40 MHz, MCS7, 99pc duty cycle	WLAN	8.82	±0.6
10607	AAD	IEEE 802.11ac WiFi 160 MHz, MCS9, 99pc duty cycle	WLAN	8.54	±0.6
10608	AAD	IEEE 802.11ac WiFi 160 MHz, MCS9, 99pc duty cycle	WLAN	8.72	±0.6

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UID	Rev	Communication System Name	Group	FAR (dB)	Uplink E-2
10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	9.57	±9.8
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	9.79	±9.8
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	9.79	±9.8
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	9.77	±9.8
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	9.94	±9.8
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	9.59	±9.8
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	9.82	±9.8
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	9.82	±9.8
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	9.81	±9.8
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	9.88	±9.8
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	9.86	±9.8
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	9.87	±9.8
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	9.77	±9.8
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	9.82	±9.8
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	9.82	±9.8
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	9.85	±9.8
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	9.86	±9.8
10626	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	9.83	±9.8
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	9.85	±9.8
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	9.71	±9.8
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	9.95	±9.8
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	9.72	±9.8
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	9.91	±9.8
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	9.74	±9.8
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	9.88	±9.8
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	9.80	±9.8
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	9.87	±9.8
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	9.83	±9.8
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.79	±9.8
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.88	±9.8
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.83	±9.8
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.86	±9.8
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.93	±9.8
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.98	±9.8
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	9.93	±9.8
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.95	±9.8
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.8
10646	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	1.98	±9.8
10647	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	1.98	±9.8
10648	AAA	CDMA2000 (1x Advantec)	CDMA2000	9.48	±9.8
10649	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	9.91	±9.8
10650	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.8
10651	AAF	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	9.96	±9.8
10652	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.8
10653	AAD	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.8
10654	AAD	Pulse Waveform (200Hz, 20%)	Test	9.99	±9.8
10655	AAD	Pulse Waveform (200Hz, 40%)	Test	9.98	±9.8
10656	AAD	Pulse Waveform (200Hz, 60%)	Test	9.97	±9.8
10657	AAD	Pulse Waveform (200Hz, 80%)	Test	9.97	±9.8
10658	AAV	Bluetooth Low Energy	Bluetooth	9.18	±9.8
10659	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.69	±9.8
10660	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	9.87	±9.8
10661	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	9.78	±9.8
10662	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	9.74	±9.8
10663	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	9.90	±9.8
10664	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	9.77	±9.8
10665	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	9.73	±9.8
10666	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	9.78	±9.8
10667	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	9.89	±9.8
10668	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	9.89	±9.8
10669	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	9.82	±9.8
10670	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	9.83	±9.8
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.42	±9.8
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	9.98	±9.8
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	9.93	±9.8
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	9.93	±9.8
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	9.93	±9.8
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	9.93	±9.8
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	9.93	±9.8
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	9.93	±9.8
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	9.93	±9.8
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	9.93	±9.8
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	9.93	±9.8
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	9.93	±9.8
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.93	±9.8
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	9.93	±9.8
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	9.93	±9.8
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	9.93	±9.8

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APD	Rev	Communication System Name	Group	PAR (dB)	Line# X = 2
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	9.45	±9.5
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	9.29	±9.5
10689	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	9.50	±9.5
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	9.29	±9.5
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	9.25	±9.5
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	9.29	±9.5
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	9.25	±9.5
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	9.57	±9.5
10695	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	9.79	±9.5
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	9.91	±9.5
10697	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	9.51	±9.5
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	9.89	±9.5
10699	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	9.92	±9.5
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	9.79	±9.5
10701	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	9.95	±9.5
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	9.70	±9.5
10703	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	9.82	±9.5
10704	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	9.66	±9.5
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	9.69	±9.5
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	9.68	±9.5
10707	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.32	±9.5
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	9.55	±9.5
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	9.33	±9.5
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	9.29	±9.5
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	9.39	±9.5
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	9.67	±9.5
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	9.93	±9.5
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	9.28	±9.5
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	9.45	±9.5
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.30	±9.5
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	9.48	±9.5
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	9.24	±9.5
10719	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	9.93	±9.5
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	9.87	±9.5
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	9.76	±9.5
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	9.55	±9.5
10723	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	9.70	±9.5
10724	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	9.93	±9.5
10725	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	9.74	±9.5
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	9.72	±9.5
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	9.85	±9.5
10728	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	9.65	±9.5
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	9.64	±9.5
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	9.67	±9.5
10731	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	9.42	±9.5
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	9.46	±9.5
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	9.40	±9.5
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	9.40	±9.5
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	9.88	±9.5
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	9.27	±9.5
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	9.95	±9.5
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	9.12	±9.5
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	9.99	±9.5
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	9.68	±9.5
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	9.60	±9.5
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	9.49	±9.5
10743	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	9.94	±9.5
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	9.70	±9.5
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	9.93	±9.5
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	9.77	±9.5
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	9.04	±9.5
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	9.95	±9.5
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	9.90	±9.5
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	9.79	±9.5
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	9.82	±9.5
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	9.01	±9.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Use ² A = 0
10753	AAC	IEEE 802.11ax (150 MHz, MCS0, 80ps duty cycle)	WLAN	8.00	+9.6
10754	AAC	IEEE 802.11ax (150 MHz, MCS1, 80ps duty cycle)	WLAN	8.04	+9.6
10755	AAC	IEEE 802.11ax (150 MHz, MCS0, 80ps duty cycle)	WLAN	8.60	+9.6
10756	AAC	IEEE 802.11ax (150 MHz, MCS1, 80ps duty cycle)	WLAN	8.77	+9.6
10757	AAC	IEEE 802.11ax (150 MHz, MCS2, 80ps duty cycle)	WLAN	8.77	+9.6
10758	AAC	IEEE 802.11ax (150 MHz, MCS3, 80ps duty cycle)	WLAN	8.89	+9.6
10759	AAC	IEEE 802.11ax (150 MHz, MCS4, 80ps duty cycle)	WLAN	8.50	+9.6
10760	AAC	IEEE 802.11ax (150 MHz, MCS5, 80ps duty cycle)	WLAN	8.69	+9.6
10761	AAC	IEEE 802.11ax (150 MHz, MCS6, 80ps duty cycle)	WLAN	8.50	+9.6
10762	AAC	IEEE 802.11ax (150 MHz, MCS7, 80ps duty cycle)	WLAN	8.69	+9.6
10763	AAC	IEEE 802.11ax (100 MHz, MCS0, 80ps duty cycle)	WLAN	8.53	+9.6
10764	AAC	IEEE 802.11ax (100 MHz, MCS9, 80ps duty cycle)	WLAN	8.54	+9.6
10765	AAC	IEEE 802.11ax (100 MHz, MCS10, 80ps duty cycle)	WLAN	8.54	+9.6
10766	AAC	IEEE 802.11ax (100 MHz, MCS11, 80ps duty cycle)	WLAN	8.51	+9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15.4-2)	5G NR FRI TDD	7.99	+9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.01	+9.6
10769	AAE	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.01	+9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.02	+9.6
10771	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.02	+9.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.23	+9.6
10773	AAE	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.33	+9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.32	+9.6
10775	AAE	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.21	+9.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.30	+9.6
10777	AAE	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.30	+9.6
10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.34	+9.6
10779	AAE	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.49	+9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.38	+9.6
10781	AAE	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.49	+9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.43	+9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.31	+9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.29	+9.6
10785	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.40	+9.6
10786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.35	+9.6
10787	AAE	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.44	+9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.39	+9.6
10789	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.37	+9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15.4-2)	5G NR FRI TDD	8.39	+9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.83	+9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.99	+9.6
10793	AAE	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.95	+9.6
10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.82	+9.6
10795	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.91	+9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.82	+9.6
10797	AAE	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.01	+9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.99	+9.6
10801	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.93	+9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.89	+9.6
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30.4-2)	5G NR FRI TDD	7.83	+9.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.34	+9.6
10806	AAE	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.27	+9.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.34	+9.6
10810	AAE	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.34	+9.6
10812	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.35	+9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.35	+9.6
10818	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.34	+9.6
10819	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.33	+9.6
10820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.36	+9.6
10821	AAE	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.41	+9.6
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.41	+9.6
10823	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.36	+9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.39	+9.6
10825	AAE	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.41	+9.6
10827	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.42	+9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30.4-2)	5G NR FRI TDD	8.49	+9.6

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10828	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.49	-9.8
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.63	-9.8
10831	AAE	5G NR (CP-OFDM, 1 RB, 15 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.73	-9.8
10832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.76	-9.8
10833	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.79	-9.8
10834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.75	-9.8
10835	AAE	5G NR (CP-OFDM, 1 RB, 40 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-9.8
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.66	-9.8
10837	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.62	-9.8
10838	AAE	5G NR (CP-OFDM, 1 RB, 80 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-9.8
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.67	-9.8
10841	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz QPSK, 30 kHz)	5G NR FR1 TDD	7.71	-9.8
10842	AAE	5G NR (CP-OFDM, 50% RB, 15 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.45	-9.8
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.35	-9.8
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-9.8
10854	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.39	-9.8
10855	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.36	-9.8
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.37	-9.8
10857	AAE	5G NR (CP-OFDM, 100% RB, 25 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.35	-9.8
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.36	-9.8
10859	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.39	-9.8
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-9.8
10861	AAE	5G NR (CP-OFDM, 100% RB, 60 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.40	-9.8
10863	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-9.8
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.37	-9.8
10865	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-9.8
10866	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.65	-9.8
10868	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz QPSK, 30 kHz)	5G NR FR1 TDD	8.68	-9.8
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz QPSK, 120 kHz)	5G NR FR2 TDD	8.75	-9.8
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz QPSK, 120 kHz)	5G NR FR2 TDD	8.86	-9.8
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz 16QAM, 120 kHz)	5G NR FR2 TDD	8.75	-9.8
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz 16QAM, 120 kHz)	5G NR FR2 TDD	8.82	-9.8
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz 64QAM, 120 kHz)	5G NR FR2 TDD	8.81	-9.8
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz 64QAM, 120 kHz)	5G NR FR2 TDD	8.85	-9.8
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz QPSK, 120 kHz)	5G NR FR2 TDD	7.78	-9.8
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz QPSK, 120 kHz)	5G NR FR2 TDD	7.89	-9.8
10877	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz 16QAM, 30 kHz)	5G NR FR2 TDD	7.85	-9.8
10878	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	-9.8
10879	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	-9.8
10891	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz QPSK, 120 kHz)	5G NR FR2 TDD	8.88	-9.8
10892	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz QPSK, 120 kHz)	5G NR FR2 TDD	8.76	-9.8
10893	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz 16QAM, 120 kHz)	5G NR FR2 TDD	8.57	-9.8
10894	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz 16QAM, 120 kHz)	5G NR FR2 TDD	8.58	-9.8
10895	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz 64QAM, 120 kHz)	5G NR FR2 TDD	8.85	-9.8
10896	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz QPSK, 120 kHz)	5G NR FR2 TDD	7.78	-9.8
10898	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz QPSK, 120 kHz)	5G NR FR2 TDD	8.35	-9.8
10899	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz 16QAM, 120 kHz)	5G NR FR2 TDD	8.36	-9.8
10900	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz 64QAM, 120 kHz)	5G NR FR2 TDD	8.37	-9.8
10902	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	-9.8
10907	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.65	-9.8
10909	AAE	5G NR (DFT-s-OFDM, 1 RB, 10 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.67	-9.8
10910	AAE	5G NR (DFT-s-OFDM, 1 RB, 15 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.67	-9.8
10911	AAE	5G NR (DFT-s-OFDM, 1 RB, 20 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8
10912	AAE	5G NR (DFT-s-OFDM, 1 RB, 25 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8
10913	AAE	5G NR (DFT-s-OFDM, 1 RB, 30 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8
10914	AAE	5G NR (DFT-s-OFDM, 1 RB, 40 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8
10915	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8
10916	AAE	5G NR (DFT-s-OFDM, 1 RB, 60 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8
10917	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.70	-9.8
10918	AAE	5G NR (DFT-s-OFDM, 50% RB, 10 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.69	-9.8
10919	AAE	5G NR (DFT-s-OFDM, 50% RB, 15 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8
10910	AAE	5G NR (DFT-s-OFDM, 50% RB, 20 MHz QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-9.8

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ k = 2
0983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15% _{CP})	5G NR FR1 TDD	9.31	±9.6
0984	AAB	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 15% _{CP})	5G NR FR1 TDD	9.42	±9.6
0985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30% _{CP})	5G NR FR1 TDD	9.54	±9.6
0986	AAB	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30% _{CP})	5G NR FR1 TDD	9.59	±9.6
0987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30% _{CP})	5G NR FR1 TDD	9.59	±9.6
0988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30% _{CP})	5G NR FR1 TDD	9.38	±9.6
0989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30% _{CP})	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30% _{CP})	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15% _{CP})	5G NR FR1 TDD	10.44	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30% _{CP})	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15% _{CP})	5G NR FR1 FDD	9.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15% _{CP})	5G NR FR1 FDD	9.35	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15% _{CP})	5G NR FR1 FDD	9.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15% _{CP})	5G NR FR1 FDD	9.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30% _{CP})	5G NR FR1 FDD	9.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30% _{CP})	5G NR FR1 FDD	9.05	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30% _{CP})	5G NR FR1 FDD	9.36	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30% _{CP})	5G NR FR1 FDD	9.93	±9.6
11013	AAB	IEEE 802.11ac (320 MHz, MCS8, 50% duty cycle)	WLAN	9.47	±9.6
11014	AAB	IEEE 802.11ac (320 MHz, MCS8, 50% duty cycle)	WLAN	9.45	±9.6
11015	AAB	IEEE 802.11ac (320 MHz, MCS8, 50% duty cycle)	WLAN	9.44	±9.6
11016	AAB	IEEE 802.11ac (320 MHz, MCS4, 50% duty cycle)	WLAN	9.77	±9.6
11017	AAB	IEEE 802.11ac (320 MHz, MCS8, 50% duty cycle)	WLAN	9.11	±9.6
11018	AAB	IEEE 802.11ac (320 MHz, MCS8, 50% duty cycle)	WLAN	9.60	±9.6
11019	AAB	IEEE 802.11ac (320 MHz, MCS7, 50% duty cycle)	WLAN	9.29	±9.6
11020	AAB	IEEE 802.11ac (320 MHz, MCS8, 50% duty cycle)	WLAN	9.27	±9.6
11021	AAB	IEEE 802.11ac (320 MHz, MCS6, 50% duty cycle)	WLAN	9.46	±9.6
11022	AAB	IEEE 802.11ac (320 MHz, MCS7, 50% duty cycle)	WLAN	9.36	±9.6
11023	AAB	IEEE 802.11ac (320 MHz, MCS7, 50% duty cycle)	WLAN	9.09	±9.6
11024	AAB	IEEE 802.11ac (320 MHz, MCS12, 80% duty cycle)	WLAN	9.67	±9.6
11025	AAB	IEEE 802.11ac (320 MHz, MCS18, 80% duty cycle)	WLAN	9.37	±9.6
11026	AAB	IEEE 802.11ac (320 MHz, MCS9, 80% duty cycle)	WLAN	9.39	±9.6

¹ Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.