Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report
S01 System Check_H2450_250107
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2450.000, 0	6.71	1.81	39.1

Hardware Setup

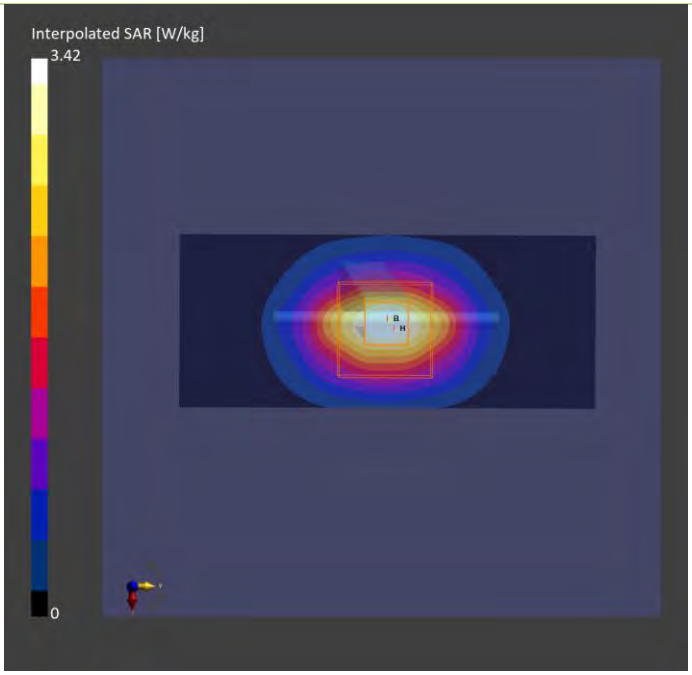
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H19T27N10 , 2025-01-07	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07	2025-01-07
psSAR1g [W/kg]	2.61	2.67
psSAR10g [W/kg]	1.18	1.26
Power Drift [dB]	0.03	0.06



Plots of System Verification

Measurement Report
S02 System Check_H5250_250108
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5250.000, 0	5.16	4.50	34.8

Hardware Setup

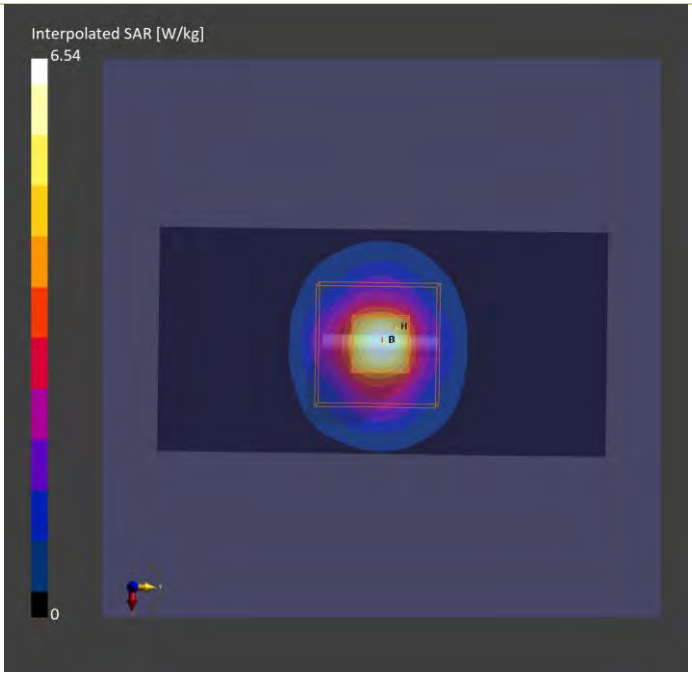
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	4.07	4.21
psSAR10g [W/kg]	1.18	1.23
Power Drift [dB]	-0.02	0.05



Plots of System Verification

Measurement Report
S03 System Check_H5600_250108
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5600.000, 0	4.49	4.87	34.2

Hardware Setup

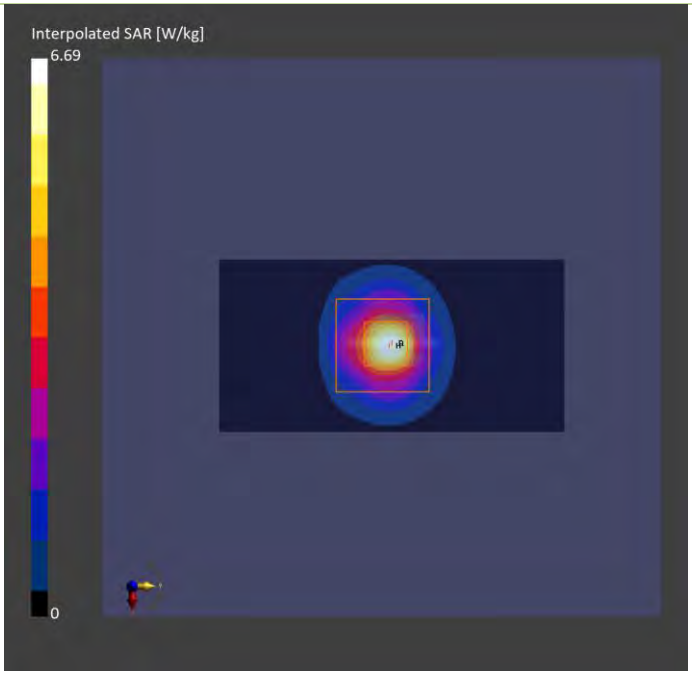
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	4.16	4.41
psSAR10g [W/kg]	1.18	1.24
Power Drift [dB]	0.03	0.01



Plots of System Verification

Measurement Report
S05 System Check_H5800_250108
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5800.000, 0	4.31	5.10	33.8

Hardware Setup

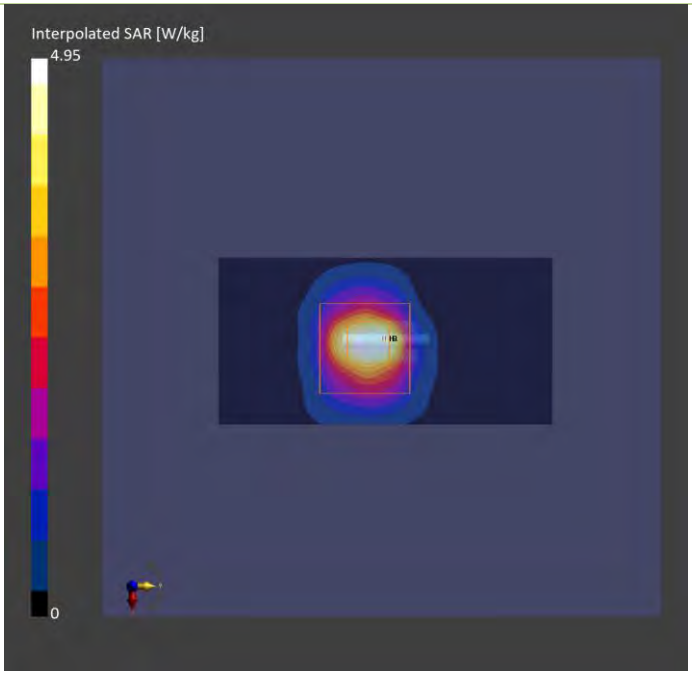
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	3.94	4.05
psSAR10g [W/kg]	1.12	1.18
Power Drift [dB]	-0.00	0.03



Plots of System Verification

Measurement Report
S06 System Check_H5800_250108
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5800.000, 0	4.31	5.10	33.8

Hardware Setup

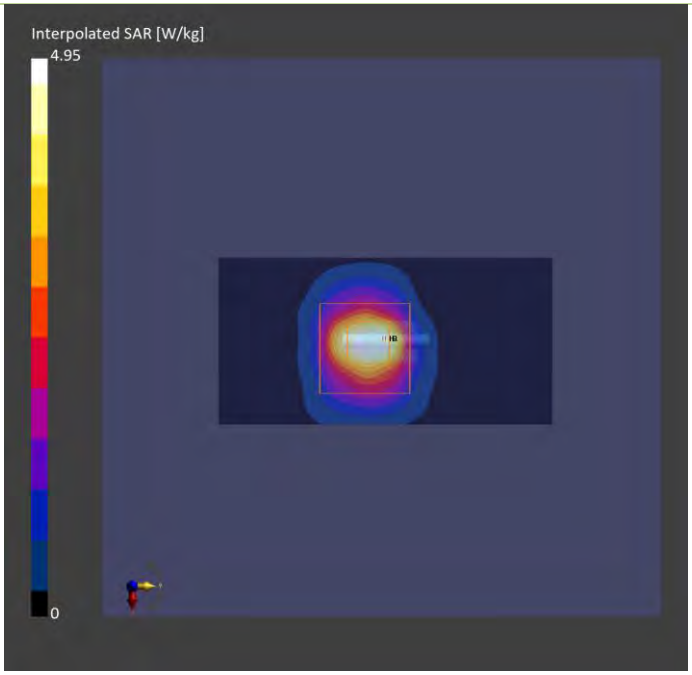
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	3.94	4.05
psSAR10g [W/kg]	1.12	1.18
Power Drift [dB]	-0.00	0.03



Plots of System Verification

Measurement Report
S07 System Check_H2450_250118
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2450.000, 0	6.71	1.80	39.0

Hardware Setup

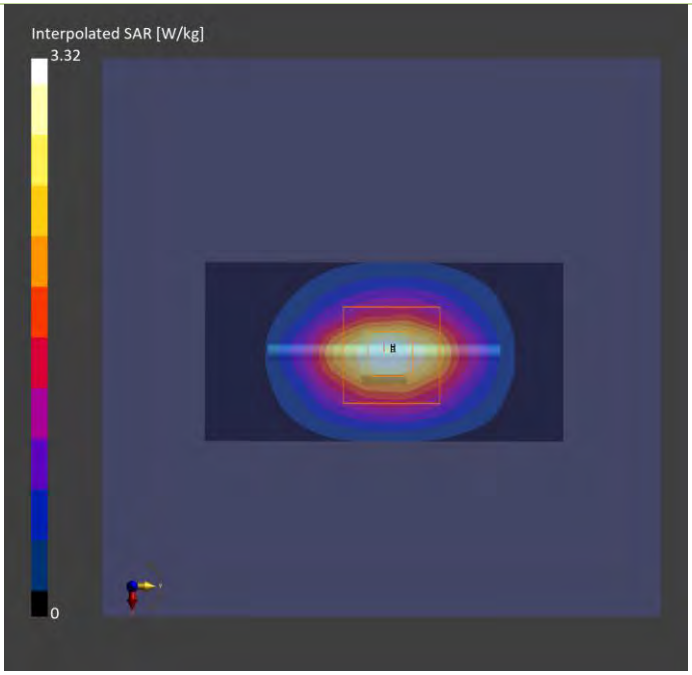
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H19T27N10 , 2025-01-18	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-18	2025-01-18
psSAR1g [W/kg]	2.52	2.44
psSAR10g [W/kg]	1.16	1.13
Power Drift [dB]	-0.00	0.01



Plots of System Verification

Measurement Report
S08 System Check_H6500_250107
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D6.5GHzV2,	10.0 x 10.0 x 296.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	6500.000, 0	4.99	5.82	34.1

Hardware Setup

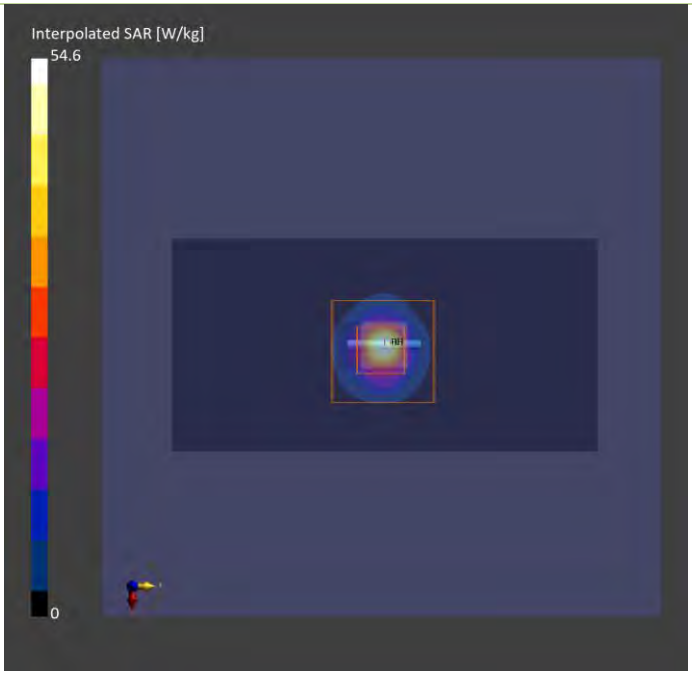
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H60T72N10 , 2025-01-07	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07	2025-01-07
psSAR1g [W/kg]	28.1	30.5
psSAR10g [W/kg]	5.39	5.67
psAPD (1.0cm2, sq) [W/m2]		307
psAPD (4.0cm2, sq) [W/m2]		138
Power Drift [dB]	0.04	0.02



Plots of System Verification

Measurement Report
S08 PD_System Check_10 GHz_250107
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 10 GHz	100.0 x 100.0 x 170.0	SN: 1025	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Front Face 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

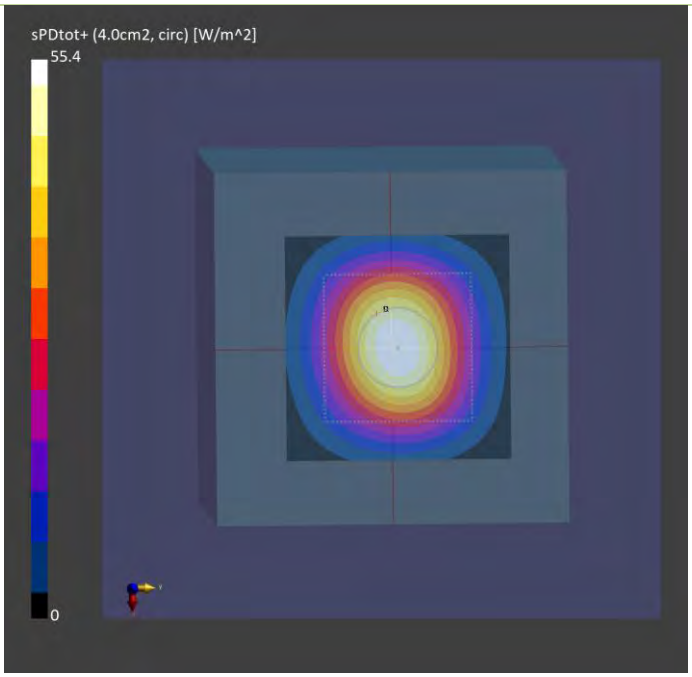
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1035	---Air	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1585, 2024-05-16

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

	5G Scan
Date	2025-01-07
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	55.1
psPDtot+ [W/m^2]	55.4
psPDmod+ [W/m^2]	55.7
E_{max} [V/m]	150
Power Drift [dB]	-0.05



Appendix B. Plots of Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

Plots of Measurement

Measurement Report
P01 WLAN2.4G_802.11b_Bottom of Laptop_0mm_Ch11_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110618,	312.0 x 224.0 x 15.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom of Laptop, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2462.000, 11	6.71	1.82	39.0

Hardware Setup

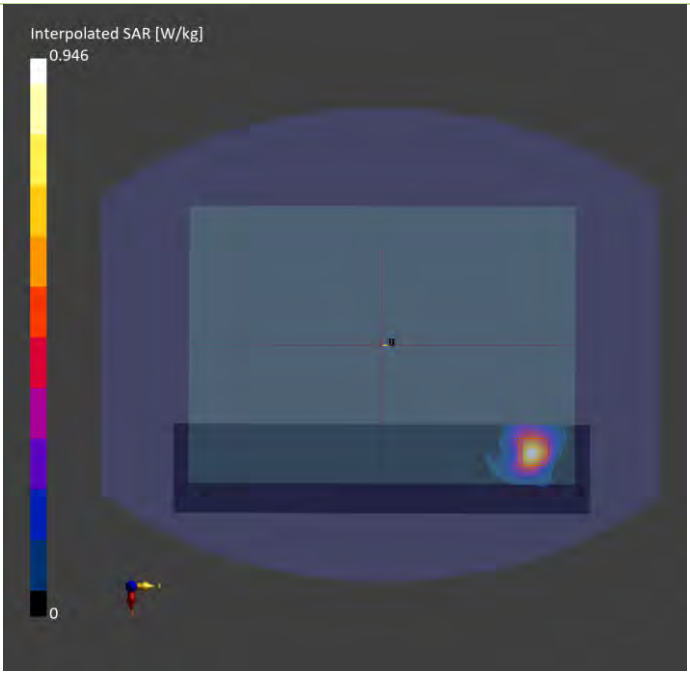
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H19T27N10 , 2025-01-07	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 336.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07	2025-01-07
psSAR1g [W/kg]	0.695	0.733
psSAR10g [W/kg]	0.321	0.332
Power Drift [dB]	0.02	0.13
M2/M1 [%]		46.5
Dist 3dB Peak [mm]		8.1



Measurement Report
P02 WLAN5.3G_802.11ac VHT160_Bottom of Laptop_0mm_Ch50_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110618,	312.0 x 224.0 x 15.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom of Laptop, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5250.000, 50	5.16	4.50	34.8

Hardware Setup

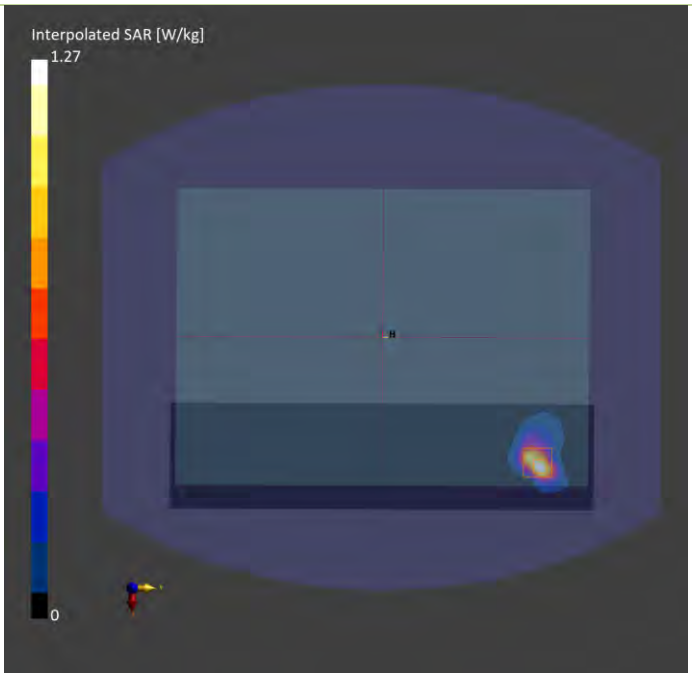
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 320.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	0.850	0.817
psSAR10g [W/kg]	0.301	0.254
Power Drift [dB]	0.01	0.04
M2/M1 [%]		67.0
Dist 3dB Peak [mm]		6.8



Plots of Measurement

Measurement Report
P03 WLAN5.6G_802.11ac VHT160_Bottom of Laptop_0mm_Ch114_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110618,	312.0 x 224.0 x 15.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom of Laptop, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5570.000, 114	4.49	4.84	34.2

Hardware Setup

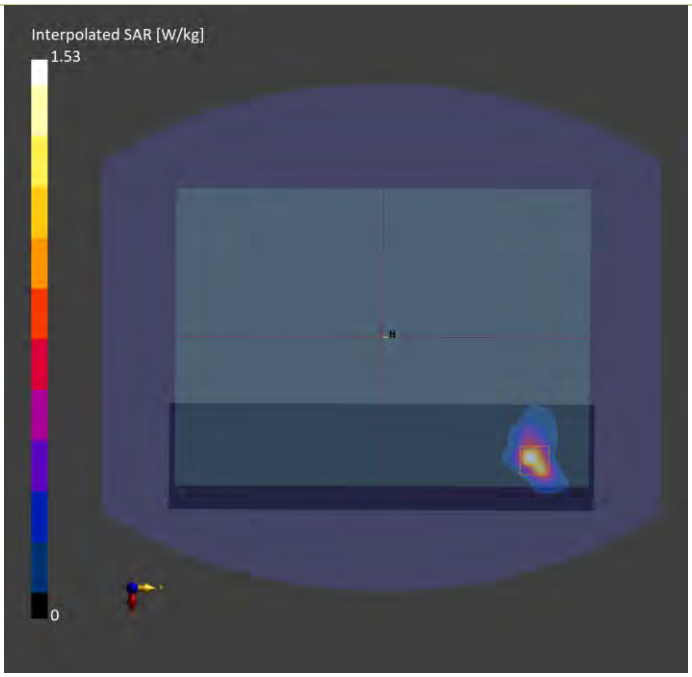
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 320.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	1.01	0.954
psSAR10g [W/kg]	0.346	0.301
Power Drift [dB]	-0.02	0.04
M2/M1 [%]		61.6
Dist 3dB Peak [mm]		7.2



Measurement Report
P05 WLAN5.8G_802.11ac VHT80_Bottom of Laptop_0mm_Ch155_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110618,	312.0 x 224.0 x 15.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom of Laptop, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.31	5.07	33.9

Hardware Setup

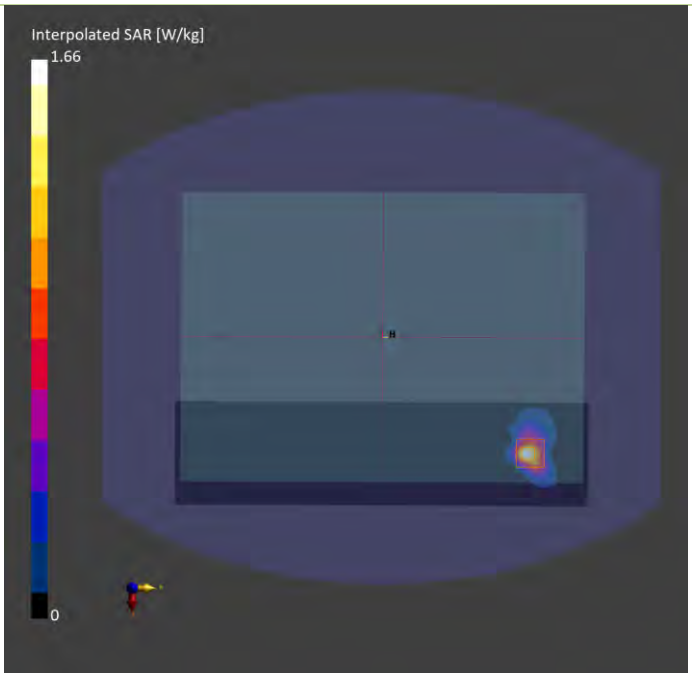
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 320.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	1.11	0.958
psSAR10g [W/kg]	0.363	0.286
Power Drift [dB]	0.03	-0.08
M2/M1 [%]		62.0
Dist 3dB Peak [mm]		7.6



Plots of Measurement

Measurement Report
P06 WLAN5.9G_802.11ac VHT160_Bottom of Laptop_0mm_Ch163_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110618,	312.0 x 224.0 x 15.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom of Laptop, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5815.000, 163	4.31	5.12	33.8

Hardware Setup

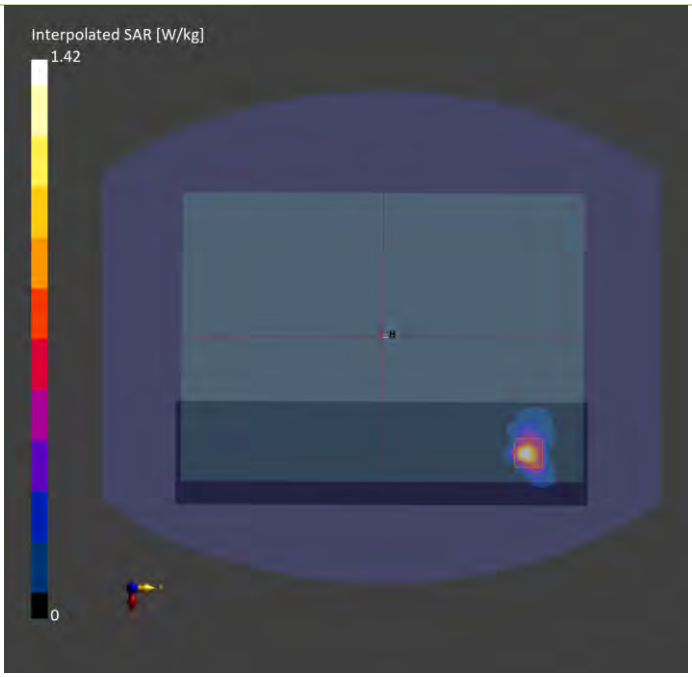
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T60N10 , 2025-01-08	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 320.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-08	2025-01-08
psSAR1g [W/kg]	0.943	0.813
psSAR10g [W/kg]	0.303	0.247
Power Drift [dB]	-0.17	0.15
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		7.4



Plots of Measurement

Measurement Report
P07 BT_BDR_Bottom of Laptop_0mm_Ch0_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110619,	312.0 x 224.0 x 24.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom of Laptop, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 0	6.71	1.77	39.1

Hardware Setup

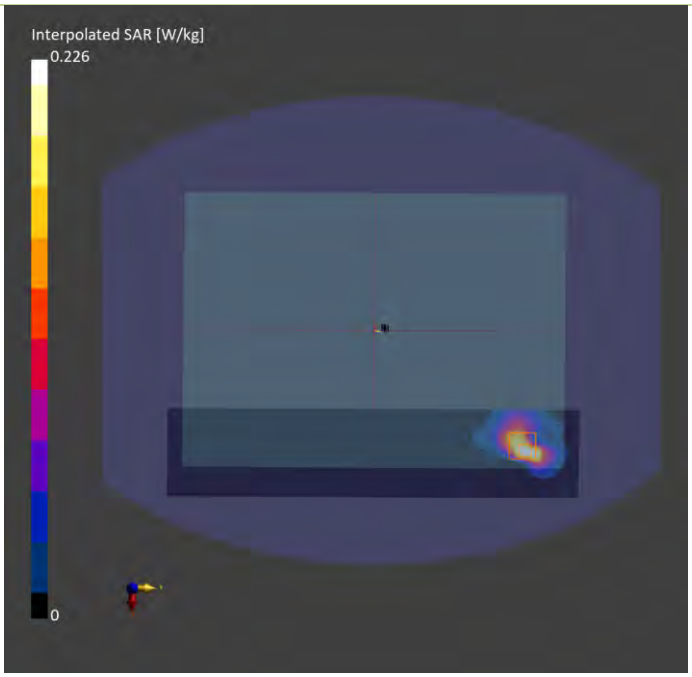
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H19T27N10 , 2025-01-18	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 336.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-18	2025-01-18
psSAR1g [W/kg]	0.173	0.177
psSAR10g [W/kg]	0.080	0.075
Power Drift [dB]	0.09	-0.03
M2/M1 [%]		51.7
Dist 3dB Peak [mm]		7.1



Plots of Measurement

Measurement Report
P08 UNII-5_802.11ax HE160_Bottom of Laptop_0mm_Ch15_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110618,	312.0 x 224.0 x 15.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom of Laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6025.000, 15	4.99	5.29	34.8

Hardware Setup

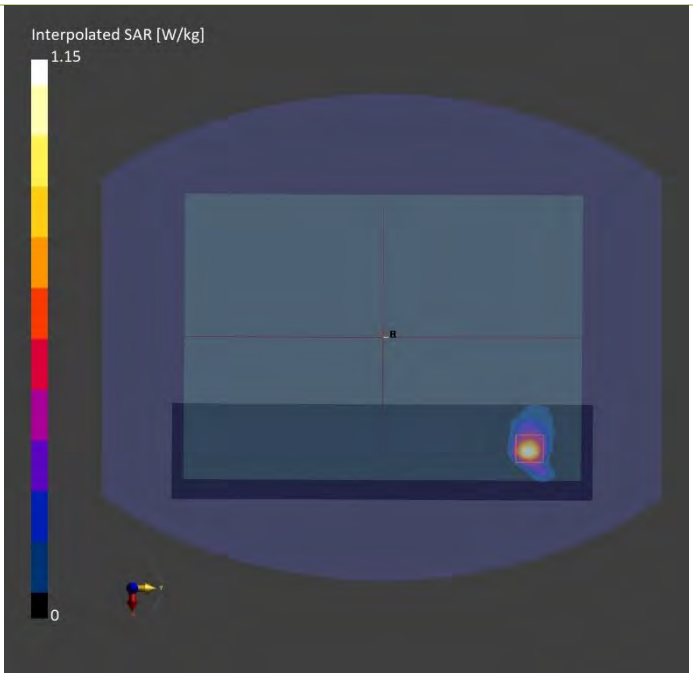
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H60T72N10 , 2025-01-07	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1590, 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 330.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-07	2025-01-07
psSAR1g [W/kg]	0.779	0.684
psSAR10g [W/kg]	0.247	0.209
psAPD (1.0cm2, sq) [W/m2]		6.84
psAPD (4.0cm2, sq) [W/m2]		4.86
Power Drift [dB]	0.19	0.17
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		7.1



Measurement Report
P08 UNII-5_802.11ax HE160_Bottom of Laptop_0mm_Ch15_HB_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, P24110623	312.0 x 224.0 x 15.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of Laptop, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

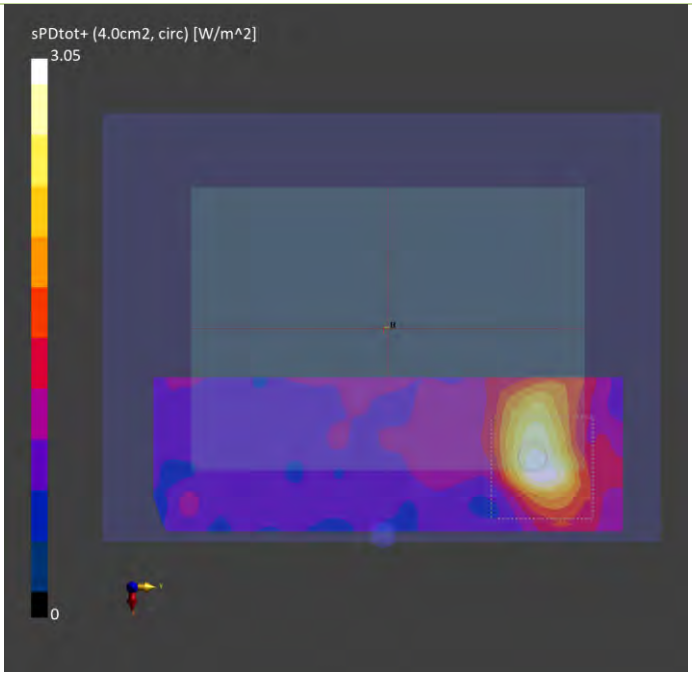
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1277, 2024-05-14

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.0502 x 0.0502
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2025-01-07
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.60
psPDtot+ [W/m^2]	3.05
psPDmod+ [W/m^2]	3.43
E_{max} [V/m]	43.1
Power Drift [dB]	-0.14



Appendix C. Tissue & System Verification

The measuring results for tissue simulating liquid and system check are shown as below.

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within ±10 % of the target values. Liquid temperature during the SAR testing has kept within ±2 ℃.

2. For Section 4.4, The SAR measurement system was validated according to procedures in FCC KDB 865664 D0. The validation status in tabulated summary is as below.

3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Appendix A of this report.

Tissue Verification									Validation for CW			Validation for Modulation				System Check					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (℃)	Conductivity (σ)	Permittivity (εr)	Targeted Conductivity (σ)	Targeted Permittivity (εr)	Deviation Conductivity (σ)	Deviation Permittivity (εr)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 1g SAR (W/kg)	Measured 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dBm)
S01	2450	21.6	1.81	39.1	1.80	39.2	0.56	-0.26	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 07, 2025	2450	52.90	2.67	53.27	0.71	737	7736	1590	17
S02	5250	21.5	4.50	34.8	4.71	35.9	-4.46	-3.06	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 08, 2025	5250	80.20	4.21	84.00	4.74	1019	7736	1590	17
S03	5600	21.5	4.87	34.2	5.07	35.5	-3.94	-3.66	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 08, 2025	5600	82.90	4.41	87.99	6.14	1019	7736	1590	17
S05	5800	21.5	5.10	33.8	5.27	35.3	-3.23	-4.25	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 08, 2025	5800	80.30	4.05	80.81	0.63	1019	7736	1590	17
S06	5800	21.5	5.10	33.8	5.27	35.3	-3.23	-4.25	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 08, 2025	5800	80.30	4.05	80.81	0.63	1019	7736	1590	17
S07	2450	21.6	1.80	39.0	1.80	39.2	0.00	-0.51	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 18, 2025	2450	52.90	2.44	48.68	-7.97	737	7736	1590	17
S08	6500	21.6	5.82	34.1	6.07	34.5	-4.12	-1.16	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 07, 2025	6500	303.00	30.5	305.00	0.66	1008	7736	1590	20

System Performance Check for Incident Power Density Measurement									
Plot No.	Test Date	Frequency [GHz]	mmWave Probe S/N	Verification Source S/N	Averaging Area [cm^2]	Distance [mm]	Target Power Density [W/m^2]	Measured Power Density [W/m^2]	Deviation [%]
S08	Jan. 07, 2025	10	9438	1025	4	10.0	56.2	55.4	-1.42%

Appendix D. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

Tune-up Power (Full)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	16.0	16.0	16.0	16.0	19.0
	13	2472	16.0	16.0	16.0	16.0	19.0
802.11g	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	16.0	16.0	16.0	16.0	19.0
	13	2472	16.0	16.0	16.0	16.0	19.0
802.11n HT20	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	16.0	16.0	16.0	16.0	19.0
	13	2472	16.0	16.0	16.0	16.0	19.0
802.11n HT40	3	2422	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	16.0	16.0	16.0	16.0	19.0
	10	2457	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
802.11ax HE20	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	16.0	16.0	16.0	16.0	19.0
	13	2472	16.0	16.0	16.0	16.0	19.0
802.11ax HE40	3	2422	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	16.0	16.0	16.0	16.0	19.0
	10	2457	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
802.11be EHT20	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	16.0	16.0	16.0	16.0	19.0
	13	2472	16.0	16.0	16.0	16.0	19.0
802.11be EHT40	3	2422	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	16.0	16.0	16.0	16.0	19.0
	10	2457	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0

Tune-up Power (Full)					
Bluetooth					
Mode	Channel	Frequency	[redacted]	Ant 1 Max Tune-up	[redacted]
BR / EDR	0	2402		11.5	
	39	2441		11.5	
	78	2480		11.5	
LE	0	2402		11.5	
	19	2440		11.5	
	39	2480		11.5	

Tune-up Power (Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	13.0	13.0	13.0	13.0	16.0
	40	5200	13.0	13.0	13.0	13.0	16.0
	44	5220	13.0	13.0	13.0	13.0	16.0
	48	5240	13.0	13.0	13.0	13.0	16.0
802.11n HT20	36	5180	13.0	13.0	13.0	13.0	16.0
	40	5200	13.0	13.0	13.0	13.0	16.0
	44	5220	13.0	13.0	13.0	13.0	16.0
	48	5240	13.0	13.0	13.0	13.0	16.0
802.11n HT40	38	5190	13.0	13.0	13.0	13.0	16.0
	46	5230	13.0	13.0	13.0	13.0	16.0
802.11ac VHT20	36	5180	13.0	13.0	13.0	13.0	16.0
	40	5200	13.0	13.0	13.0	13.0	16.0
	44	5220	13.0	13.0	13.0	13.0	16.0
	48	5240	13.0	13.0	13.0	13.0	16.0
802.11ac VHT40	38	5190	13.0	13.0	13.0	13.0	16.0
	46	5230	13.0	13.0	13.0	13.0	16.0
802.11ac VHT80	42	5210	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	36	5180	13.0	13.0	13.0	13.0	16.0
	40	5200	13.0	13.0	13.0	13.0	16.0
	44	5220	13.0	13.0	13.0	13.0	16.0
	48	5240	13.0	13.0	13.0	13.0	16.0
802.11ax HE40	38	5190	13.0	13.0	13.0	13.0	16.0
	46	5230	13.0	13.0	13.0	13.0	16.0
802.11ax HE80	42	5210	13.0	13.0	13.0	13.0	16.0
802.11be EHT20	36	5180	13.0	13.0	13.0	13.0	16.0
	40	5200	13.0	13.0	13.0	13.0	16.0
	44	5220	13.0	13.0	13.0	13.0	16.0
	48	5240	13.0	13.0	13.0	13.0	16.0
802.11be EHT40	38	5190	13.0	13.0	13.0	13.0	16.0
	46	5230	13.0	13.0	13.0	13.0	16.0
802.11be EHT80	42	5210	13.0	13.0	13.0	13.0	16.0

Tune-up Power (Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	13.0	13.0	13.0	13.0	16.0
	56	5280	13.0	13.0	13.0	13.0	16.0
	60	5300	13.0	13.0	13.0	13.0	16.0
	64	5320	13.0	13.0	13.0	13.0	16.0
802.11n HT20	52	5260	13.0	13.0	13.0	13.0	16.0
	56	5280	13.0	13.0	13.0	13.0	16.0
	60	5300	13.0	13.0	13.0	13.0	16.0
	64	5320	13.0	13.0	13.0	13.0	16.0
802.11n HT40	54	5270	13.0	13.0	13.0	13.0	16.0
	62	5310	13.0	13.0	13.0	13.0	16.0
802.11ac VHT20	52	5260	13.0	13.0	13.0	13.0	16.0
	56	5280	13.0	13.0	13.0	13.0	16.0
	60	5300	13.0	13.0	13.0	13.0	16.0
	64	5320	13.0	13.0	13.0	13.0	16.0
802.11ac VHT40	54	5270	13.0	13.0	13.0	13.0	16.0
	62	5310	13.0	13.0	13.0	13.0	16.0
802.11ac VHT80	58	5290	13.0	13.0	13.0	13.0	16.0
802.11ac VHT160	50	5250	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	52	5260	13.0	13.0	13.0	13.0	16.0
	56	5280	13.0	13.0	13.0	13.0	16.0
	60	5300	13.0	13.0	13.0	13.0	16.0
	64	5320	13.0	13.0	13.0	13.0	16.0
802.11ax HE40	54	5270	13.0	13.0	13.0	13.0	16.0
	62	5310	13.0	13.0	13.0	13.0	16.0
802.11ax HE80	58	5290	13.0	13.0	13.0	13.0	16.0
802.11ax HE160	50	5250	13.0	13.0	13.0	13.0	16.0
802.11be EHT20	52	5260	13.0	13.0	13.0	13.0	16.0
	56	5280	13.0	13.0	13.0	13.0	16.0
	60	5300	13.0	13.0	13.0	13.0	16.0
	64	5320	13.0	13.0	13.0	13.0	16.0
802.11be EHT40	54	5270	13.0	13.0	13.0	13.0	16.0
	62	5310	13.0	13.0	13.0	13.0	16.0
802.11be EHT80	58	5290	13.0	13.0	13.0	13.0	16.0
802.11be EHT160	50	5250	13.0	13.0	13.0	13.0	16.0

Tune-up Power (Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	13.0	13.0	13.0	13.0	16.0
	116	5580	13.0	13.0	13.0	13.0	16.0
	120	5600	13.0	13.0	13.0	13.0	16.0
	124	5620	13.0	13.0	13.0	13.0	16.0
	132	5660	13.0	13.0	13.0	13.0	16.0
	140	5700	13.0	13.0	13.0	13.0	16.0
	144	5720	13.0	13.0	13.0	13.0	16.0
802.11n HT20	100	5500	13.0	13.0	13.0	13.0	16.0
	116	5580	13.0	13.0	13.0	13.0	16.0
	120	5600	13.0	13.0	13.0	13.0	16.0
	124	5620	13.0	13.0	13.0	13.0	16.0
	132	5660	13.0	13.0	13.0	13.0	16.0
	140	5700	13.0	13.0	13.0	13.0	16.0
	144	5720	13.0	13.0	13.0	13.0	16.0
802.11n HT40	102	5510	13.0	13.0	13.0	13.0	16.0
	110	5550	13.0	13.0	13.0	13.0	16.0
	118	5590	13.0	13.0	13.0	13.0	16.0
	126	5630	13.0	13.0	13.0	13.0	16.0
	134	5670	13.0	13.0	13.0	13.0	16.0
	142	5710	13.0	13.0	13.0	13.0	16.0
802.11ac VHT20	100	5500	13.0	13.0	13.0	13.0	16.0
	116	5580	13.0	13.0	13.0	13.0	16.0
	120	5600	13.0	13.0	13.0	13.0	16.0
	124	5620	13.0	13.0	13.0	13.0	16.0
	132	5660	13.0	13.0	13.0	13.0	16.0
	140	5700	13.0	13.0	13.0	13.0	16.0
	144	5720	13.0	13.0	13.0	13.0	16.0
802.11ac VHT40	102	5510	13.0	13.0	13.0	13.0	16.0
	110	5550	13.0	13.0	13.0	13.0	16.0
	118	5590	13.0	13.0	13.0	13.0	16.0
	126	5630	13.0	13.0	13.0	13.0	16.0
	134	5670	13.0	13.0	13.0	13.0	16.0
	142	5710	13.0	13.0	13.0	13.0	16.0
802.11ac VHT80	106	5530	13.0	13.0	13.0	13.0	16.0
	122	5610	13.0	13.0	13.0	13.0	16.0
	138	5690	13.0	13.0	13.0	13.0	16.0
802.11ac VHT160	114	5570	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	100	5500	13.0	13.0	13.0	13.0	16.0
	116	5580	13.0	13.0	13.0	13.0	16.0
	120	5600	13.0	13.0	13.0	13.0	16.0
	124	5620	13.0	13.0	13.0	13.0	16.0
	132	5660	13.0	13.0	13.0	13.0	16.0
	140	5700	13.0	13.0	13.0	13.0	16.0
	144	5720	13.0	13.0	13.0	13.0	16.0
802.11ax HE40	102	5510	13.0	13.0	13.0	13.0	16.0
	110	5550	13.0	13.0	13.0	13.0	16.0
	118	5590	13.0	13.0	13.0	13.0	16.0
	126	5630	13.0	13.0	13.0	13.0	16.0
	134	5670	13.0	13.0	13.0	13.0	16.0
	142	5710	13.0	13.0	13.0	13.0	16.0
802.11ax HE80	106	5530	13.0	13.0	13.0	13.0	16.0
	122	5610	13.0	13.0	13.0	13.0	16.0
	138	5690	13.0	13.0	13.0	13.0	16.0
802.11ax HE160	114	5570	13.0	13.0	13.0	13.0	16.0
802.11be EHT20	100	5500	13.0	13.0	13.0	13.0	16.0
	116	5580	13.0	13.0	13.0	13.0	16.0
	120	5600	13.0	13.0	13.0	13.0	16.0
	124	5620	13.0	13.0	13.0	13.0	16.0
	132	5660	13.0	13.0	13.0	13.0	16.0
	140	5700	13.0	13.0	13.0	13.0	16.0
	144	5720	13.0	13.0	13.0	13.0	16.0
802.11be EHT40	102	5510	13.0	13.0	13.0	13.0	16.0
	110	5550	13.0	13.0	13.0	13.0	16.0
	118	5590	13.0	13.0	13.0	13.0	16.0
	126	5630	13.0	13.0	13.0	13.0	16.0
	134	5670	13.0	13.0	13.0	13.0	16.0
	142	5710	13.0	13.0	13.0	13.0	16.0
802.11be EHT80	106	5530	13.0	13.0	13.0	13.0	16.0
	122	5610	13.0	13.0	13.0	13.0	16.0
	138	5690	13.0	13.0	13.0	13.0	16.0
802.11be EHT160	114	5570	13.0	13.0	13.0	13.0	16.0

Tune-up Power (Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11n HT20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11n HT40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5
802.11ac VHT20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11ac VHT40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	155	5775	12.5	12.5	12.5	12.5	15.5
802.11ax HE20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11ax HE40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5
802.11ax HE80	155	5775	12.5	12.5	12.5	12.5	15.5
802.11be EHT20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11be EHT40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5
802.11be EHT80	155	5775	12.5	12.5	12.5	12.5	15.5

Tune-up Power (Full)							
WLAN 5.9GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	169	5845	12.5	12.5	12.5	12.5	15.5
	173	5865	12.5	12.5	12.5	12.5	15.5
	177	5885	12.5	12.5	12.5	12.5	15.5
802.11n HT20	169	5845	12.5	12.5	12.5	12.5	15.5
	173	5865	12.5	12.5	12.5	12.5	15.5
	177	5885	12.5	12.5	12.5	12.5	15.5
802.11n HT40	167	5835	12.5	12.5	12.5	12.5	15.5
	175	5875	12.5	12.5	12.5	12.5	15.5
802.11ac VHT20	169	5845	12.5	12.5	12.5	12.5	15.5
	173	5865	12.5	12.5	12.5	12.5	15.5
	177	5885	12.5	12.5	12.5	12.5	15.5
802.11ac VHT40	167	5835	12.5	12.5	12.5	12.5	15.5
	175	5875	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	171	5855	12.5	12.5	12.5	12.5	15.5
802.11ac VHT160	163	5815	12.5	12.5	12.5	12.5	15.5
802.11ax HE20	169	5845	12.5	12.5	12.5	12.5	15.5
	173	5865	12.5	12.5	12.5	12.5	15.5
	177	5885	12.5	12.5	12.5	12.5	15.5
802.11ax HE40	167	5835	12.5	12.5	12.5	12.5	15.5
	175	5875	12.5	12.5	12.5	12.5	15.5
802.11ax HE80	171	5855	12.5	12.5	12.5	12.5	15.5
802.11ax HE160	163	5815	12.5	12.5	12.5	12.5	15.5
802.11be EHT20	169	5845	12.5	12.5	12.5	12.5	15.5
	173	5865	12.5	12.5	12.5	12.5	15.5
	177	5885	12.5	12.5	12.5	12.5	15.5
802.11be EHT40	167	5835	12.5	12.5	12.5	12.5	15.5
	175	5875	12.5	12.5	12.5	12.5	15.5
802.11be EHT80	171	5855	12.5	12.5	12.5	12.5	15.5
802.11be EHT160	163	5815	12.5	12.5	12.5	12.5	15.5

Tune-up Power (Full)							
UNII-5_SP							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	1	5955	11.5	11.5	11.5	11.5	14.5
	5	5975	11.5	11.5	11.5	11.5	14.5
	9	5995	11.5	11.5	11.5	11.5	14.5
	13	6015	11.5	11.5	11.5	11.5	14.5
	17	6035	11.5	11.5	11.5	11.5	14.5
	21	6055	11.5	11.5	11.5	11.5	14.5
	25	6075	11.5	11.5	11.5	11.5	14.5
	29	6095	11.5	11.5	11.5	11.5	14.5
	33	6115	11.5	11.5	11.5	11.5	14.5
	37	6135	11.5	11.5	11.5	11.5	14.5
	41	6155	11.5	11.5	11.5	11.5	14.5
	45	6175	11.5	11.5	11.5	11.5	14.5
	49	6195	11.5	11.5	11.5	11.5	14.5
	53	6215	11.5	11.5	11.5	11.5	14.5
	57	6235	11.5	11.5	11.5	11.5	14.5
	61	6255	11.5	11.5	11.5	11.5	14.5
	65	6275	11.5	11.5	11.5	11.5	14.5
	69	6295	11.5	11.5	11.5	11.5	14.5
	73	6315	11.5	11.5	11.5	11.5	14.5
	77	6335	11.5	11.5	11.5	11.5	14.5
	81	6355	11.5	11.5	11.5	11.5	14.5
	85	6375	11.5	11.5	11.5	11.5	14.5
	89	6395	11.5	11.5	11.5	11.5	14.5
	93	6415	11.5	11.5	11.5	11.5	14.5
802.11ax HE20	1	5955	11.5	11.5	11.5	11.5	14.5
	5	5975	11.5	11.5	11.5	11.5	14.5
	9	5995	11.5	11.5	11.5	11.5	14.5
	13	6015	11.5	11.5	11.5	11.5	14.5
	17	6035	11.5	11.5	11.5	11.5	14.5
	21	6055	11.5	11.5	11.5	11.5	14.5
	25	6075	11.5	11.5	11.5	11.5	14.5
	29	6095	11.5	11.5	11.5	11.5	14.5
	33	6115	11.5	11.5	11.5	11.5	14.5
	37	6135	11.5	11.5	11.5	11.5	14.5
	41	6155	11.5	11.5	11.5	11.5	14.5
	45	6175	11.5	11.5	11.5	11.5	14.5
	49	6195	11.5	11.5	11.5	11.5	14.5
	53	6215	11.5	11.5	11.5	11.5	14.5
	57	6235	11.5	11.5	11.5	11.5	14.5
	61	6255	11.5	11.5	11.5	11.5	14.5
	65	6275	11.5	11.5	11.5	11.5	14.5
	69	6295	11.5	11.5	11.5	11.5	14.5
	73	6315	11.5	11.5	11.5	11.5	14.5
	77	6335	11.5	11.5	11.5	11.5	14.5
	81	6355	11.5	11.5	11.5	11.5	14.5
	85	6375	11.5	11.5	11.5	11.5	14.5
	89	6395	11.5	11.5	11.5	11.5	14.5
	93	6415	11.5	11.5	11.5	11.5	14.5
802.11ax HE40	3	5965	11.5	11.5	11.5	11.5	14.5
	11	6005	11.5	11.5	11.5	11.5	14.5
	19	6045	11.5	11.5	11.5	11.5	14.5
	27	6085	11.5	11.5	11.5	11.5	14.5
	35	6125	11.5	11.5	11.5	11.5	14.5
	43	6165	11.5	11.5	11.5	11.5	14.5
	51	6205	11.5	11.5	11.5	11.5	14.5
	59	6245	11.5	11.5	11.5	11.5	14.5
	67	6285	11.5	11.5	11.5	11.5	14.5
	75	6325	11.5	11.5	11.5	11.5	14.5
	83	6365	11.5	11.5	11.5	11.5	14.5
	91	6405	11.5	11.5	11.5	11.5	14.5
802.11ax HE80	7	5985	11.5	11.5	11.5	11.5	14.5
	23	6065	11.5	11.5	11.5	11.5	14.5
	39	6145	11.5	11.5	11.5	11.5	14.5
	55	6225	11.5	11.5	11.5	11.5	14.5
	71	6305	11.5	11.5	11.5	11.5	14.5
	87	6385	11.5	11.5	11.5	11.5	14.5
802.11ax HE160	15	6025	11.5	11.5	11.5	11.5	14.5
	47	6185	11.5	11.5	11.5	11.5	14.5
	79	6345	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-5_SP							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	1	5955	11.5	11.5	11.5	11.5	14.5
	5	5975	11.5	11.5	11.5	11.5	14.5
	9	5995	11.5	11.5	11.5	11.5	14.5
	13	6015	11.5	11.5	11.5	11.5	14.5
	17	6035	11.5	11.5	11.5	11.5	14.5
	21	6055	11.5	11.5	11.5	11.5	14.5
	25	6075	11.5	11.5	11.5	11.5	14.5
	29	6095	11.5	11.5	11.5	11.5	14.5
	33	6115	11.5	11.5	11.5	11.5	14.5
	37	6135	11.5	11.5	11.5	11.5	14.5
	41	6155	11.5	11.5	11.5	11.5	14.5
	45	6175	11.5	11.5	11.5	11.5	14.5
	49	6195	11.5	11.5	11.5	11.5	14.5
	53	6215	11.5	11.5	11.5	11.5	14.5
	57	6235	11.5	11.5	11.5	11.5	14.5
	61	6255	11.5	11.5	11.5	11.5	14.5
	65	6275	11.5	11.5	11.5	11.5	14.5
	69	6295	11.5	11.5	11.5	11.5	14.5
	73	6315	11.5	11.5	11.5	11.5	14.5
	77	6335	11.5	11.5	11.5	11.5	14.5
	81	6355	11.5	11.5	11.5	11.5	14.5
	85	6375	11.5	11.5	11.5	11.5	14.5
	89	6395	11.5	11.5	11.5	11.5	14.5
	93	6415	11.5	11.5	11.5	11.5	14.5
802.11be EHT40	3	5965	11.5	11.5	11.5	11.5	14.5
	11	6005	11.5	11.5	11.5	11.5	14.5
	19	6045	11.5	11.5	11.5	11.5	14.5
	27	6085	11.5	11.5	11.5	11.5	14.5
	35	6125	11.5	11.5	11.5	11.5	14.5
	43	6165	11.5	11.5	11.5	11.5	14.5
	51	6205	11.5	11.5	11.5	11.5	14.5
	59	6245	11.5	11.5	11.5	11.5	14.5
	67	6285	11.5	11.5	11.5	11.5	14.5
	75	6325	11.5	11.5	11.5	11.5	14.5
	83	6365	11.5	11.5	11.5	11.5	14.5
	91	6405	11.5	11.5	11.5	11.5	14.5
802.11be EHT80	7	5985	11.5	11.5	11.5	11.5	14.5
	23	6065	11.5	11.5	11.5	11.5	14.5
	39	6145	11.5	11.5	11.5	11.5	14.5
	55	6225	11.5	11.5	11.5	11.5	14.5
	71	6305	11.5	11.5	11.5	11.5	14.5
	87	6385	11.5	11.5	11.5	11.5	14.5
802.11be EHT160	15	6025	11.5	11.5	11.5	11.5	14.5
	47	6185	11.5	11.5	11.5	11.5	14.5
	79	6345	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-6_SP							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	97	6435	11.5	11.5	11.5	11.5	14.5
	101	6455	11.5	11.5	11.5	11.5	14.5
	105	6475	11.5	11.5	11.5	11.5	14.5
	109	6495	11.5	11.5	11.5	11.5	14.5
	113	6515	11.5	11.5	11.5	11.5	14.5
802.11ax HE20	97	6435	11.5	11.5	11.5	11.5	14.5
	101	6455	11.5	11.5	11.5	11.5	14.5
	105	6475	11.5	11.5	11.5	11.5	14.5
	109	6495	11.5	11.5	11.5	11.5	14.5
	113	6515	11.5	11.5	11.5	11.5	14.5
802.11ax HE40	99	6445	11.5	11.5	11.5	11.5	14.5
	107	6485	11.5	11.5	11.5	11.5	14.5
	115	6525	11.5	11.5	11.5	11.5	14.5
802.11ax HE80	103	6465	11.5	11.5	11.5	11.5	14.5
	119	6545	11.5	11.5	11.5	11.5	14.5
802.11ax HE160	111	6505	11.5	11.5	11.5	11.5	14.5
802.11be EHT20	97	6435	11.5	11.5	11.5	11.5	14.5
	101	6455	11.5	11.5	11.5	11.5	14.5
	105	6475	11.5	11.5	11.5	11.5	14.5
	109	6495	11.5	11.5	11.5	11.5	14.5
	113	6515	11.5	11.5	11.5	11.5	14.5
802.11be EHT40	99	6445	11.5	11.5	11.5	11.5	14.5
	107	6485	11.5	11.5	11.5	11.5	14.5
	115	6525	11.5	11.5	11.5	11.5	14.5
802.11be EHT80	103	6465	11.5	11.5	11.5	11.5	14.5
	119	6545	11.5	11.5	11.5	11.5	14.5
802.11be EHT160	111	6505	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-7_SP							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	117	6535	11.5	11.5	11.5	11.5	14.5
	121	6555	11.5	11.5	11.5	11.5	14.5
	125	6575	11.5	11.5	11.5	11.5	14.5
	129	6595	11.5	11.5	11.5	11.5	14.5
	133	6615	11.5	11.5	11.5	11.5	14.5
	137	6635	11.5	11.5	11.5	11.5	14.5
	141	6655	11.5	11.5	11.5	11.5	14.5
	145	6675	11.5	11.5	11.5	11.5	14.5
	149	6695	11.5	11.5	11.5	11.5	14.5
	153	6715	11.5	11.5	11.5	11.5	14.5
	157	6735	11.5	11.5	11.5	11.5	14.5
	161	6755	11.5	11.5	11.5	11.5	14.5
	165	6775	11.5	11.5	11.5	11.5	14.5
	169	6795	11.5	11.5	11.5	11.5	14.5
	173	6815	11.5	11.5	11.5	11.5	14.5
	177	6835	11.5	11.5	11.5	11.5	14.5
	181	6855	11.5	11.5	11.5	11.5	14.5
802.11ax HE20	117	6535	11.5	11.5	11.5	11.5	14.5
	121	6555	11.5	11.5	11.5	11.5	14.5
	125	6575	11.5	11.5	11.5	11.5	14.5
	129	6595	11.5	11.5	11.5	11.5	14.5
	133	6615	11.5	11.5	11.5	11.5	14.5
	137	6635	11.5	11.5	11.5	11.5	14.5
	141	6655	11.5	11.5	11.5	11.5	14.5
	145	6675	11.5	11.5	11.5	11.5	14.5
	149	6695	11.5	11.5	11.5	11.5	14.5
	153	6715	11.5	11.5	11.5	11.5	14.5
	157	6735	11.5	11.5	11.5	11.5	14.5
	161	6755	11.5	11.5	11.5	11.5	14.5
	165	6775	11.5	11.5	11.5	11.5	14.5
	169	6795	11.5	11.5	11.5	11.5	14.5
	173	6815	11.5	11.5	11.5	11.5	14.5
	177	6835	11.5	11.5	11.5	11.5	14.5
	181	6855	11.5	11.5	11.5	11.5	14.5
802.11ax HE40	123	6565	11.5	11.5	11.5	11.5	14.5
	131	6605	11.5	11.5	11.5	11.5	14.5
	139	6645	11.5	11.5	11.5	11.5	14.5
	147	6685	11.5	11.5	11.5	11.5	14.5
	155	6725	11.5	11.5	11.5	11.5	14.5
	163	6765	11.5	11.5	11.5	11.5	14.5
	171	6805	11.5	11.5	11.5	11.5	14.5
	179	6845	11.5	11.5	11.5	11.5	14.5
	187	6885	11.5	11.5	11.5	11.5	14.5
802.11ax HE80	135	6625	11.5	11.5	11.5	11.5	14.5
	151	6705	11.5	11.5	11.5	11.5	14.5
	167	6785	11.5	11.5	11.5	11.5	14.5
	183	6865	11.5	11.5	11.5	11.5	14.5
802.11ax HE160	143	6665	11.5	11.5	11.5	11.5	14.5
	175	6825	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-7_SP							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	117	6535	11.5	11.5	11.5	11.5	14.5
	121	6555	11.5	11.5	11.5	11.5	14.5
	125	6575	11.5	11.5	11.5	11.5	14.5
	129	6595	11.5	11.5	11.5	11.5	14.5
	133	6615	11.5	11.5	11.5	11.5	14.5
	137	6635	11.5	11.5	11.5	11.5	14.5
	141	6655	11.5	11.5	11.5	11.5	14.5
	145	6675	11.5	11.5	11.5	11.5	14.5
	149	6695	11.5	11.5	11.5	11.5	14.5
	153	6715	11.5	11.5	11.5	11.5	14.5
	157	6735	11.5	11.5	11.5	11.5	14.5
	161	6755	11.5	11.5	11.5	11.5	14.5
	165	6775	11.5	11.5	11.5	11.5	14.5
	169	6795	11.5	11.5	11.5	11.5	14.5
	173	6815	11.5	11.5	11.5	11.5	14.5
	177	6835	11.5	11.5	11.5	11.5	14.5
	181	6855	11.5	11.5	11.5	11.5	14.5
802.11be EHT40	123	6565	11.5	11.5	11.5	11.5	14.5
	131	6605	11.5	11.5	11.5	11.5	14.5
	139	6645	11.5	11.5	11.5	11.5	14.5
	147	6685	11.5	11.5	11.5	11.5	14.5
	155	6725	11.5	11.5	11.5	11.5	14.5
	163	6765	11.5	11.5	11.5	11.5	14.5
	171	6805	11.5	11.5	11.5	11.5	14.5
	179	6845	11.5	11.5	11.5	11.5	14.5
	187	6885	11.5	11.5	11.5	11.5	14.5
802.11be EHT80	135	6625	11.5	11.5	11.5	11.5	14.5
	151	6705	11.5	11.5	11.5	11.5	14.5
	167	6785	11.5	11.5	11.5	11.5	14.5
	183	6865	11.5	11.5	11.5	11.5	14.5
802.11be EHT160	143	6665	11.5	11.5	11.5	11.5	14.5
	175	6825	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-5_LPI							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	1	5955	7.5	7.5	1.5	1.5	4.5
	5	5975	7.5	7.5	1.5	1.5	4.5
	9	5995	7.5	7.5	1.5	1.5	4.5
	13	6015	7.5	7.5	1.5	1.5	4.5
	17	6035	7.5	7.5	1.5	1.5	4.5
	21	6055	7.5	7.5	1.5	1.5	4.5
	25	6075	7.5	7.5	1.5	1.5	4.5
	29	6095	7.5	7.5	1.5	1.5	4.5
	33	6115	7.5	7.5	1.5	1.5	4.5
	37	6135	7.5	7.5	1.5	1.5	4.5
	41	6155	7.5	7.5	1.5	1.5	4.5
	45	6175	7.5	7.5	1.5	1.5	4.5
	49	6195	7.5	7.5	1.5	1.5	4.5
	53	6215	7.5	7.5	1.5	1.5	4.5
	57	6235	7.5	7.5	1.5	1.5	4.5
	61	6255	7.5	7.5	1.5	1.5	4.5
	65	6275	7.5	7.5	1.5	1.5	4.5
	69	6295	7.5	7.5	1.5	1.5	4.5
	73	6315	7.5	7.5	1.5	1.5	4.5
	77	6335	7.5	7.5	1.5	1.5	4.5
	81	6355	7.5	7.5	1.5	1.5	4.5
	85	6375	7.5	7.5	1.5	1.5	4.5
	89	6395	7.5	7.5	1.5	1.5	4.5
	93	6415	7.5	7.5	1.5	1.5	4.5
802.11ax HE20	1	5955	7.5	7.5	4.5	4.5	7.5
	5	5975	7.5	7.5	4.5	4.5	7.5
	9	5995	7.5	7.5	4.5	4.5	7.5
	13	6015	7.5	7.5	4.5	4.5	7.5
	17	6035	7.5	7.5	4.5	4.5	7.5
	21	6055	7.5	7.5	4.5	4.5	7.5
	25	6075	7.5	7.5	4.5	4.5	7.5
	29	6095	7.5	7.5	4.5	4.5	7.5
	33	6115	7.5	7.5	4.5	4.5	7.5
	37	6135	7.5	7.5	4.5	4.5	7.5
	41	6155	7.5	7.5	4.5	4.5	7.5
	45	6175	7.5	7.5	4.5	4.5	7.5
	49	6195	7.5	7.5	4.5	4.5	7.5
	53	6215	7.5	7.5	4.5	4.5	7.5
	57	6235	7.5	7.5	4.5	4.5	7.5
	61	6255	7.5	7.5	4.5	4.5	7.5
	65	6275	7.5	7.5	4.5	4.5	7.5
	69	6295	7.5	7.5	4.5	4.5	7.5
	73	6315	7.5	7.5	4.5	4.5	7.5
	77	6335	7.5	7.5	4.5	4.5	7.5
	81	6355	7.5	7.5	4.5	4.5	7.5
	85	6375	7.5	7.5	4.5	4.5	7.5
	89	6395	7.5	7.5	4.5	4.5	7.5
	93	6415	7.5	7.5	4.5	4.5	7.5
802.11ax HE40	3	5965	10.0	10.0	7.5	7.5	10.5
	11	6005	10.0	10.0	7.5	7.5	10.5
	19	6045	10.0	10.0	7.5	7.5	10.5
	27	6085	10.0	10.0	7.5	7.5	10.5
	35	6125	10.0	10.0	7.5	7.5	10.5
	43	6165	10.0	10.0	7.5	7.5	10.5
	51	6205	10.0	10.0	7.5	7.5	10.5
	59	6245	10.0	10.0	7.5	7.5	10.5
	67	6285	10.0	10.0	7.5	7.5	10.5
	75	6325	10.0	10.0	7.5	7.5	10.5
	83	6365	10.0	10.0	7.5	7.5	10.5
	91	6405	10.0	10.0	7.5	7.5	10.5
802.11ax HE80	7	5985	11.5	11.5	10.5	10.5	13.5
	23	6065	11.5	11.5	10.5	10.5	13.5
	39	6145	11.5	11.5	10.5	10.5	13.5
	55	6225	11.5	11.5	10.5	10.5	13.5
	71	6305	11.5	11.5	10.5	10.5	13.5
	87	6385	11.5	11.5	10.5	10.5	13.5
802.11ax HE160	15	6025	11.5	11.5	11.5	11.5	14.5
	47	6185	11.5	11.5	11.5	11.5	14.5
	79	6345	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-5_LPI							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	1	5955	7.5	7.5	4.5	4.5	7.5
	5	5975	7.5	7.5	4.5	4.5	7.5
	9	5995	7.5	7.5	4.5	4.5	7.5
	13	6015	7.5	7.5	4.5	4.5	7.5
	17	6035	7.5	7.5	4.5	4.5	7.5
	21	6055	7.5	7.5	4.5	4.5	7.5
	25	6075	7.5	7.5	4.5	4.5	7.5
	29	6095	7.5	7.5	4.5	4.5	7.5
	33	6115	7.5	7.5	4.5	4.5	7.5
	37	6135	7.5	7.5	4.5	4.5	7.5
	41	6155	7.5	7.5	4.5	4.5	7.5
	45	6175	7.5	7.5	4.5	4.5	7.5
	49	6195	7.5	7.5	4.5	4.5	7.5
	53	6215	7.5	7.5	4.5	4.5	7.5
	57	6235	7.5	7.5	4.5	4.5	7.5
	61	6255	7.5	7.5	4.5	4.5	7.5
	65	6275	7.5	7.5	4.5	4.5	7.5
	69	6295	7.5	7.5	4.5	4.5	7.5
	73	6315	7.5	7.5	4.5	4.5	7.5
	77	6335	7.5	7.5	4.5	4.5	7.5
	81	6355	7.5	7.5	4.5	4.5	7.5
	85	6375	7.5	7.5	4.5	4.5	7.5
	89	6395	7.5	7.5	4.5	4.5	7.5
	93	6415	7.5	7.5	4.5	4.5	7.5
802.11be EHT40	3	5965	10.0	10.0	7.5	7.5	10.5
	11	6005	10.0	10.0	7.5	7.5	10.5
	19	6045	10.0	10.0	7.5	7.5	10.5
	27	6085	10.0	10.0	7.5	7.5	10.5
	35	6125	10.0	10.0	7.5	7.5	10.5
	43	6165	10.0	10.0	7.5	7.5	10.5
	51	6205	10.0	10.0	7.5	7.5	10.5
	59	6245	10.0	10.0	7.5	7.5	10.5
	67	6285	10.0	10.0	7.5	7.5	10.5
	75	6325	10.0	10.0	7.5	7.5	10.5
	83	6365	10.0	10.0	7.5	7.5	10.5
	91	6405	10.0	10.0	7.5	7.5	10.5
802.11be EHT80	7	5985	11.5	11.5	10.5	10.5	13.5
	23	6065	11.5	11.5	10.5	10.5	13.5
	39	6145	11.5	11.5	10.5	10.5	13.5
	55	6225	11.5	11.5	10.5	10.5	13.5
	71	6305	11.5	11.5	10.5	10.5	13.5
	87	6385	11.5	11.5	10.5	10.5	13.5
802.11be EHT160	15	6025	11.5	11.5	11.5	11.5	14.5
	47	6185	11.5	11.5	11.5	11.5	14.5
	79	6345	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-6_LPI							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	97	6435	7.5	7.5	2.0	2.0	5.0
	101	6455	7.5	7.5	2.0	2.0	5.0
	105	6475	7.5	7.5	2.0	2.0	5.0
	109	6495	7.5	7.5	2.0	2.0	5.0
	113	6515	7.5	7.5	2.0	2.0	5.0
802.11ax HE20	97	6435	7.5	7.5	4.5	4.5	7.5
	101	6455	7.5	7.5	4.5	4.5	7.5
	105	6475	7.5	7.5	4.5	4.5	7.5
	109	6495	7.5	7.5	4.5	4.5	7.5
	113	6515	7.5	7.5	4.5	4.5	7.5
802.11ax HE40	99	6445	10.0	10.0	7.5	7.5	7.5
	107	6485	10.0	10.0	7.5	7.5	7.5
	115	6525	10.0	10.0	7.5	7.5	7.5
802.11ax HE80	103	6465	11.5	11.5	10.5	10.5	13.5
	119	6545	11.5	11.5	10.5	10.5	13.5
802.11ax HE160	111	6505	11.5	11.5	11.5	11.5	14.5
802.11be EHT20	97	6435	7.5	7.5	4.5	4.5	7.5
	101	6455	7.5	7.5	4.5	4.5	7.5
	105	6475	7.5	7.5	4.5	4.5	7.5
	109	6495	7.5	7.5	4.5	4.5	7.5
	113	6515	7.5	7.5	4.5	4.5	7.5
802.11be EHT40	99	6445	10.0	10.0	7.5	7.5	7.5
	107	6485	10.0	10.0	7.5	7.5	7.5
	115	6525	10.0	10.0	7.5	7.5	7.5
802.11be EHT80	103	6465	11.5	11.5	10.5	10.5	13.5
	119	6545	11.5	11.5	10.5	10.5	13.5
802.11be EHT160	111	6505	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-7_LPI							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	117	6535	7.5	7.5	1.5	1.5	4.5
	121	6555	7.5	7.5	1.5	1.5	4.5
	125	6575	7.5	7.5	1.5	1.5	4.5
	129	6595	7.5	7.5	1.5	1.5	4.5
	133	6615	7.5	7.5	1.5	1.5	4.5
	137	6635	7.5	7.5	1.5	1.5	4.5
	141	6655	7.5	7.5	1.5	1.5	4.5
	145	6675	7.5	7.5	1.5	1.5	4.5
	149	6695	7.5	7.5	1.5	1.5	4.5
	153	6715	7.5	7.5	1.5	1.5	4.5
	157	6735	7.5	7.5	1.5	1.5	4.5
	161	6755	7.5	7.5	1.5	1.5	4.5
	165	6775	7.5	7.5	1.5	1.5	4.5
	169	6795	7.5	7.5	1.5	1.5	4.5
	173	6815	7.5	7.5	1.5	1.5	4.5
	177	6835	7.5	7.5	1.5	1.5	4.5
	181	6855	7.5	7.5	1.5	1.5	4.5
802.11ax HE20	117	6535	7.5	7.5	4.5	4.5	7.5
	121	6555	7.5	7.5	4.5	4.5	7.5
	125	6575	7.5	7.5	4.5	4.5	7.5
	129	6595	7.5	7.5	4.5	4.5	7.5
	133	6615	7.5	7.5	4.5	4.5	7.5
	137	6635	7.5	7.5	4.5	4.5	7.5
	141	6655	7.5	7.5	4.5	4.5	7.5
	145	6675	7.5	7.5	4.5	4.5	7.5
	149	6695	7.5	7.5	4.5	4.5	7.5
	153	6715	7.5	7.5	4.5	4.5	7.5
	157	6735	7.5	7.5	4.5	4.5	7.5
	161	6755	7.5	7.5	4.5	4.5	7.5
	165	6775	7.5	7.5	4.5	4.5	7.5
	169	6795	7.5	7.5	4.5	4.5	7.5
	173	6815	7.5	7.5	4.5	4.5	7.5
	177	6835	7.5	7.5	4.5	4.5	7.5
	181	6855	7.5	7.5	4.5	4.5	7.5
802.11ax HE40	123	6565	10.0	10.0	7.5	7.5	10.5
	131	6605	10.0	10.0	7.5	7.5	10.5
	139	6645	10.0	10.0	7.5	7.5	10.5
	147	6685	10.0	10.0	7.5	7.5	10.5
	155	6725	10.0	10.0	7.5	7.5	10.5
	163	6765	10.0	10.0	7.5	7.5	10.5
	171	6805	10.0	10.0	7.5	7.5	10.5
	179	6845	10.0	10.0	7.5	7.5	10.5
	187	6885	10.0	10.0	7.5	7.5	10.5
802.11ax HE80	135	6625	11.5	11.5	10.5	10.5	13.5
	151	6705	11.5	11.5	10.5	10.5	13.5
	167	6785	11.5	11.5	10.5	10.5	13.5
	183	6865	11.5	11.5	10.5	10.5	13.5
802.11ax HE160	143	6665	11.5	11.5	11.5	11.5	14.5
	175	6825	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-7_LPI							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	117	6535	7.5	7.5	4.5	4.5	7.5
	121	6555	7.5	7.5	4.5	4.5	7.5
	125	6575	7.5	7.5	4.5	4.5	7.5
	129	6595	7.5	7.5	4.5	4.5	7.5
	133	6615	7.5	7.5	4.5	4.5	7.5
	137	6635	7.5	7.5	4.5	4.5	7.5
	141	6655	7.5	7.5	4.5	4.5	7.5
	145	6675	7.5	7.5	4.5	4.5	7.5
	149	6695	7.5	7.5	4.5	4.5	7.5
	153	6715	7.5	7.5	4.5	4.5	7.5
	157	6735	7.5	7.5	4.5	4.5	7.5
	161	6755	7.5	7.5	4.5	4.5	7.5
	165	6775	7.5	7.5	4.5	4.5	7.5
	169	6795	7.5	7.5	4.5	4.5	7.5
	173	6815	7.5	7.5	4.5	4.5	7.5
	177	6835	7.5	7.5	4.5	4.5	7.5
	181	6855	7.5	7.5	4.5	4.5	7.5
802.11be EHT40	123	6565	10.0	10.0	7.5	7.5	10.5
	131	6605	10.0	10.0	7.5	7.5	10.5
	139	6645	10.0	10.0	7.5	7.5	10.5
	147	6685	10.0	10.0	7.5	7.5	10.5
	155	6725	10.0	10.0	7.5	7.5	10.5
	163	6765	10.0	10.0	7.5	7.5	10.5
	171	6805	10.0	10.0	7.5	7.5	10.5
	179	6845	10.0	10.0	7.5	7.5	10.5
	187	6885	10.0	10.0	7.5	7.5	10.5
802.11be EHT80	135	6625	11.5	11.5	10.5	10.5	13.5
	151	6705	11.5	11.5	10.5	10.5	13.5
	167	6785	11.5	11.5	10.5	10.5	13.5
	183	6865	11.5	11.5	10.5	10.5	13.5
802.11be EHT160	143	6665	11.5	11.5	11.5	11.5	14.5
	175	6825	11.5	11.5	11.5	11.5	14.5

Tune-up Power (Full)							
UNII-8_LPI							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	185	6875	7.5	7.5	2.0	2.0	5.0
	189	6895	7.5	7.5	2.0	2.0	5.0
	193	6915	7.5	7.5	2.0	2.0	5.0
	197	6935	7.5	7.5	2.0	2.0	5.0
	201	6955	7.5	7.5	2.0	2.0	5.0
	205	6975	7.5	7.5	2.0	2.0	5.0
	209	6995	7.5	7.5	2.0	2.0	5.0
	213	7015	7.5	7.5	2.0	2.0	5.0
	217	7035	7.5	7.5	2.0	2.0	5.0
	221	7055	7.5	7.5	2.0	2.0	5.0
	225	7075	7.5	7.5	2.0	2.0	5.0
	229	7095	7.5	7.5	2.0	2.0	5.0
	233	7115	7.5	7.5	2.0	2.0	5.0
802.11ax HE20	185	6875	7.5	7.5	4.5	4.5	7.5
	189	6895	7.5	7.5	4.5	4.5	7.5
	193	6915	7.5	7.5	4.5	4.5	7.5
	197	6935	7.5	7.5	4.5	4.5	7.5
	201	6955	7.5	7.5	4.5	4.5	7.5
	205	6975	7.5	7.5	4.5	4.5	7.5
	209	6995	7.5	7.5	4.5	4.5	7.5
	213	7015	7.5	7.5	4.5	4.5	7.5
	217	7035	7.5	7.5	4.5	4.5	7.5
	221	7055	7.5	7.5	4.5	4.5	7.5
	225	7075	7.5	7.5	4.5	4.5	7.5
	229	7095	7.5	7.5	4.5	4.5	7.5
	233	7115	7.5	7.5	4.5	4.5	7.5
802.11ax HE40	195	6925	10.5	10.5	7.5	7.5	10.5
	203	6965	10.5	10.5	7.5	7.5	10.5
	211	7005	10.5	10.5	7.5	7.5	10.5
	219	7045	10.5	10.5	7.5	7.5	10.5
	227	7085	10.5	10.5	7.5	7.5	10.5
802.11ax HE80	199	6945	12.0	12.0	10.5	10.5	13.5
	215	7025	12.0	12.0	10.5	10.5	13.5
802.11ax HE160	207	6985	12.0	12.0	12.0	12.0	15.0
802.11be EHT20	185	6875	7.5	7.5	4.5	4.5	7.5
	189	6895	7.5	7.5	4.5	4.5	7.5
	193	6915	7.5	7.5	4.5	4.5	7.5
	197	6935	7.5	7.5	4.5	4.5	7.5
	201	6955	7.5	7.5	4.5	4.5	7.5
	205	6975	7.5	7.5	4.5	4.5	7.5
	209	6995	7.5	7.5	4.5	4.5	7.5
	213	7015	7.5	7.5	4.5	4.5	7.5
	217	7035	7.5	7.5	4.5	4.5	7.5
	221	7055	7.5	7.5	4.5	4.5	7.5
	225	7075	7.5	7.5	4.5	4.5	7.5
	229	7095	7.5	7.5	4.5	4.5	7.5
	233	7115	7.5	7.5	4.5	4.5	7.5
802.11be EHT40	195	6925	10.5	10.5	7.5	7.5	10.5
	203	6965	10.5	10.5	7.5	7.5	10.5
	211	7005	10.5	10.5	7.5	7.5	10.5
	219	7045	10.5	10.5	7.5	7.5	10.5
	227	7085	10.5	10.5	7.5	7.5	10.5
802.11be EHT80	199	6945	12.0	12.0	10.5	10.5	13.5
	215	7025	12.0	12.0	10.5	10.5	13.5
802.11be EHT160	207	6985	12.0	12.0	12.0	12.0	15.0

Appendix E. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	15.93
	6	2437	15.82
	11	2462	15.63
	12	2467	15.62
	13	2472	15.6
802.11g	1	2412	15.76
	6	2437	15.8
	11	2462	15.66
	12	2467	15.65
	13	2472	15.63
802.11n HT20	1	2412	15.66
	6	2437	15.77
	11	2462	15.76
	12	2467	15.75
	13	2472	15.73
802.11n HT40	3	2422	15.83
	6	2437	15.65
	9	2452	15.82
	10	2457	15.79
	11	2462	15.78
802.11ax HE20	1	2412	15.85
	6	2437	15.68
	11	2462	15.69
	12	2467	15.67
	13	2472	15.66
802.11ax HE40	3	2422	15.65
	6	2437	15.68
	9	2452	15.81
	10	2457	15.8
	11	2462	15.79
802.11be EHT20	1	2412	15.66
	6	2437	15.74
	11	2462	15.74
	12	2467	15.73
	13	2472	15.72
802.11be EHT40	3	2422	15.77
	6	2437	15.72
	9	2452	15.8
	10	2457	15.75
	11	2462	15.7

Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	15.89
	6	2437	15.74
	11	2462	15.67
	12	2467	15.66
	13	2472	15.64
802.11g	1	2412	15.77
	6	2437	15.67
	11	2462	15.7
	12	2467	15.69
	13	2472	15.68
802.11n HT20	1	2412	15.7
	6	2437	15.71
	11	2462	15.68
	12	2467	15.64
	13	2472	15.62
802.11n HT40	3	2422	15.82
	6	2437	15.72
	9	2452	15.66
	10	2457	15.65
	11	2462	15.64
802.11ax HE20	1	2412	15.79
	6	2437	15.8
	11	2462	15.73
	12	2467	15.72
	13	2472	15.71
802.11ax HE40	3	2422	15.65
	6	2437	15.82
	9	2452	15.65
	10	2457	15.64
	11	2462	15.62
802.11be EHT20	1	2412	15.79
	6	2437	15.74
	11	2462	15.77
	12	2467	15.76
	13	2472	15.74
802.11be EHT40	3	2422	15.85
	6	2437	15.71
	9	2452	15.76
	10	2457	15.75
	11	2462	15.73

Conducted Power (Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412	15.93	15.75	18.85
	6	2437	15.75	15.24	18.51
	11	2462	15.77	15.41	18.60
	12	2467	15.76	15.4	18.59
	13	2472	15.75	15.4	18.59
802.11g	1	2412	15.63	15.62	18.64
	6	2437	15.83	15.82	18.84
	11	2462	15.68	15.65	18.68
	12	2467	15.67	15.66	18.68
	13	2472	15.66	15.62	18.65
802.11n HT20	1	2412	15.53	15.61	18.58
	6	2437	15.8	15.8	18.81
	11	2462	15.83	15.73	18.79
	12	2467	15.82	15.7	18.77
	13	2472	15.8	15.71	18.77
802.11n HT40	3	2422	15.59	15.57	18.59
	6	2437	15.65	15.67	18.67
	9	2452	15.81	15.67	18.75
	10	2457	15.79	15.65	18.73
	11	2462	15.77	15.65	18.72
802.11ax HE20	1	2412	15.47	15.46	18.48
	6	2437	15.74	15.73	18.75
	11	2462	15.76	15.74	18.76
	12	2467	15.74	15.73	18.75
	13	2472	15.75	15.71	18.74
802.11ax HE40	3	2422	15.61	15.58	18.61
	6	2437	15.66	15.66	18.67
	9	2452	15.83	15.72	18.79
	10	2457	15.8	15.7	18.76
	11	2462	15.79	15.69	18.75
802.11be EHT20	1	2412	15.59	15.6	18.61
	6	2437	15.83	15.65	18.75
	11	2462	15.72	15.81	18.78
	12	2467	15.72	15.8	18.77
	13	2472	15.7	15.78	18.75
802.11be EHT40	3	2422	15.64	15.65	18.66
	6	2437	15.73	15.74	18.75
	9	2452	15.75	15.68	18.73
	10	2457	15.74	15.67	18.72
	11	2462	15.74	15.66	18.71

Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	10.43
	39	2441	9.77
	78	2480	9.82
LE	0	2402	9.7
	19	2440	9.68
	39	2480	9.59

Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	12.82
	40	5200	12.65
	44	5220	12.77
	48	5240	12.79
802.11n HT20	36	5180	12.66
	40	5200	12.72
	44	5220	12.72
	48	5240	12.67
802.11n HT40	38	5190	12.83
	46	5230	12.85
802.11ac VHT20	36	5180	12.82
	40	5200	12.74
	44	5220	12.71
	48	5240	12.66
802.11ac VHT40	38	5190	12.78
	46	5230	12.74
802.11ac VHT80	42	5210	12.66
802.11ax HE20	36	5180	12.67
	40	5200	12.66
	44	5220	12.7
	48	5240	12.85
802.11ax HE40	38	5190	12.72
	46	5230	12.78
802.11ax HE80	42	5210	12.78
802.11be EHT20	36	5180	12.75
	40	5200	12.72
	44	5220	12.74
	48	5240	12.75
802.11be EHT40	38	5190	12.66
	46	5230	12.8
802.11be EHT80	42	5210	12.75

Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	12.76
	40	5200	12.75
	44	5220	12.84
	48	5240	12.83
802.11n HT20	36	5180	12.66
	40	5200	12.85
	44	5220	12.7
	48	5240	12.65
802.11n HT40	38	5190	12.66
	46	5230	12.69
802.11ac VHT20	36	5180	12.66
	40	5200	12.73
	44	5220	12.81
	48	5240	12.76
802.11ac VHT40	38	5190	12.85
	46	5230	12.65
802.11ac VHT80	42	5210	12.82
802.11ax HE20	36	5180	12.65
	40	5200	12.78
	44	5220	12.81
	48	5240	12.71
802.11ax HE40	38	5190	12.85
	46	5230	12.73
802.11ax HE80	42	5210	12.81
802.11be EHT20	36	5180	12.72
	40	5200	12.65
	44	5220	12.84
	48	5240	12.66
802.11be EHT40	38	5190	12.75
	46	5230	12.7
802.11be EHT80	42	5210	12.66

Conducted Power (Full)					
WLAN 5.2GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	36	5180	12.79	12.74	15.78
	40	5200	12.75	12.69	15.73
	44	5220	12.77	12.8	15.8
	48	5240	12.77	12.83	15.81
802.11n HT20	36	5180	12.84	12.72	15.79
	40	5200	12.76	12.66	15.72
	44	5220	12.69	12.73	15.72
	48	5240	12.77	12.84	15.81
802.11n HT40	38	5190	12.73	12.72	15.74
	46	5230	12.67	12.82	15.76
802.11ac VHT20	36	5180	12.84	12.71	15.79
	40	5200	12.8	12.79	15.81
	44	5220	12.68	12.78	15.74
	48	5240	12.8	12.73	15.78
802.11ac VHT40	38	5190	12.83	12.71	15.78
	46	5230	12.8	12.74	15.78
802.11ac VHT80	42	5210	12.85	12.72	15.8
802.11ax HE20	36	5180	12.8	12.65	15.74
	40	5200	12.8	12.69	15.76
	44	5220	12.8	12.65	15.74
	48	5240	12.76	12.67	15.73
802.11ax HE40	38	5190	12.83	12.76	15.81
	46	5230	12.67	12.84	15.77
802.11ax HE80	42	5210	12.71	12.83	15.78
802.11be EHT20	36	5180	12.75	12.69	15.73
	40	5200	12.8	12.8	15.81
	44	5220	12.73	12.67	15.71
	48	5240	12.68	12.85	15.78
802.11be EHT40	38	5190	12.66	12.74	15.71
	46	5230	12.69	12.69	15.7
802.11be EHT80	42	5210	12.73	12.77	15.76

Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	12.69
	56	5280	12.7
	60	5300	12.68
	64	5320	12.72
802.11n HT20	52	5260	12.81
	56	5280	12.82
	60	5300	12.77
	64	5320	12.7
802.11n HT40	54	5270	12.75
	62	5310	12.76
802.11ac VHT20	52	5260	12.73
	56	5280	12.81
	60	5300	12.73
	64	5320	12.69
802.11ac VHT40	54	5270	12.67
	62	5310	12.66
802.11ac VHT80	58	5290	12.65
802.11ac VHT160	50	5250	12.86
802.11ax HE20	52	5260	12.82
	56	5280	12.83
	60	5300	12.76
	64	5320	12.75
802.11ax HE40	54	5270	12.65
	62	5310	12.72
802.11ax HE80	58	5290	12.7
802.11ax HE160	50	5250	12.8
802.11be EHT20	52	5260	12.74
	56	5280	12.69
	60	5300	12.75
	64	5320	12.73
802.11be EHT40	54	5270	12.74
	62	5310	12.75
802.11be EHT80	58	5290	12.67
802.11be EHT160	50	5250	12.66

Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	12.78
	56	5280	12.66
	60	5300	12.69
	64	5320	12.7
802.11n HT20	52	5260	12.8
	56	5280	12.83
	60	5300	12.75
	64	5320	12.73
802.11n HT40	54	5270	12.69
	62	5310	12.72
802.11ac VHT20	52	5260	12.82
	56	5280	12.73
	60	5300	12.74
	64	5320	12.72
802.11ac VHT40	54	5270	12.71
	62	5310	12.76
802.11ac VHT80	58	5290	12.85
802.11ac VHT160	50	5250	12.94
802.11ax HE20	52	5260	12.78
	56	5280	12.76
	60	5300	12.75
	64	5320	12.74
802.11ax HE40	54	5270	12.8
	62	5310	12.83
802.11ax HE80	58	5290	12.76
802.11ax HE160	50	5250	12.76
802.11be EHT20	52	5260	12.67
	56	5280	12.83
	60	5300	12.77
	64	5320	12.79
802.11be EHT40	54	5270	12.83
	62	5310	12.66
802.11be EHT80	58	5290	12.72
802.11be EHT160	50	5250	12.68

Conducted Power (Full)					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260	12.7	12.82	15.77
	56	5280	12.68	12.69	15.7
	60	5300	12.73	12.66	15.71
	64	5320	12.83	12.69	15.77
802.11n HT20	52	5260	12.77	12.66	15.73
	56	5280	12.73	12.83	15.79
	60	5300	12.79	12.74	15.78
	64	5320	12.7	12.78	15.75
802.11n HT40	54	5270	12.82	12.67	15.76
	62	5310	12.71	12.81	15.77
802.11ac VHT20	52	5260	12.65	12.71	15.69
	56	5280	12.77	12.71	15.75
	60	5300	12.77	12.66	15.73
	64	5320	12.81	12.7	15.77
802.11ac VHT40	54	5270	12.8	12.8	15.81
	62	5310	12.77	12.77	15.78
802.11ac VHT80	58	5290	12.81	12.78	15.81
802.11ac VHT160	50	5250	12.62	12.99	15.82
802.11ax HE20	52	5260	12.8	12.8	15.81
	56	5280	12.65	12.82	15.75
	60	5300	12.7	12.82	15.77
	64	5320	12.69	12.82	15.77
802.11ax HE40	54	5270	12.8	12.65	15.74
	62	5310	12.68	12.77	15.74
802.11ax HE80	58	5290	12.67	12.72	15.71
802.11ax HE160	50	5250	12.66	12.78	15.73
802.11be EHT20	52	5260	12.82	12.68	15.76
	56	5280	12.82	12.71	15.78
	60	5300	12.7	12.83	15.78
	64	5320	12.69	12.75	15.73
802.11be EHT40	54	5270	12.66	12.69	15.69
	62	5310	12.78	12.78	15.79
802.11be EHT80	58	5290	12.65	12.8	15.74
802.11be EHT160	50	5250	12.81	12.77	15.8

Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	12.8
	116	5580	12.73
	120	5600	12.79
	124	5620	12.85
	132	5660	12.68
	140	5700	12.65
	144	5720	12.71
802.11n HT20	100	5500	12.83
	116	5580	12.71
	120	5600	12.83
	124	5620	12.67
	132	5660	12.71
	140	5700	12.82
	144	5720	12.74
802.11n HT40	102	5510	12.77
	110	5550	12.67
	118	5590	12.77
	126	5630	12.71
	134	5670	12.72
	142	5710	12.76
802.11ac VHT20	100	5500	12.69
	116	5580	12.77
	120	5600	12.74
	124	5620	12.7
	132	5660	12.77
	140	5700	12.78
	144	5720	12.78
802.11ac VHT40	102	5510	12.68
	110	5550	12.8
	118	5590	12.85
	126	5630	12.84
	134	5670	12.69
	142	5710	12.78
802.11ac VHT80	106	5530	12.95
	122	5610	12.64
	138	5690	12.65
802.11ac VHT160	114	5570	12.91
802.11ax HE20	100	5500	12.85
	116	5580	12.77
	120	5600	12.75
	124	5620	12.66
	132	5660	12.65
	140	5700	12.81
	144	5720	12.78
802.11ax HE40	102	5510	12.71
	110	5550	12.71
	118	5590	12.78
	126	5630	12.75
	134	5670	12.85
	142	5710	12.71
802.11ax HE80	106	5530	12.79
	122	5610	12.84
	138	5690	12.74
802.11ax HE160	114	5570	12.79
802.11be EHT20	100	5500	12.7
	116	5580	12.81
	120	5600	12.79
	124	5620	12.8
	132	5660	12.69
	140	5700	12.65
	144	5720	12.84
802.11be EHT40	102	5510	12.82
	110	5550	12.82
	118	5590	12.73
	126	5630	12.71
	134	5670	12.77
	142	5710	12.71
802.11be EHT80	106	5530	12.71
	122	5610	12.77
	138	5690	12.69
802.11be EHT160	114	5570	12.78

Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	12.78
	116	5580	12.76
	120	5600	12.67
	124	5620	12.78
	132	5660	12.8
	140	5700	12.85
	144	5720	12.74
802.11n HT20	100	5500	12.72
	116	5580	12.73
	120	5600	12.78
	124	5620	12.74
	132	5660	12.83
	140	5700	12.74
	144	5720	12.85
802.11n HT40	102	5510	12.8
	110	5550	12.74
	118	5590	12.72
	126	5630	12.72
	134	5670	12.76
	142	5710	12.83
802.11ac VHT20	100	5500	12.79
	116	5580	12.8
	120	5600	12.65
	124	5620	12.84
	132	5660	12.67
	140	5700	12.77
	144	5720	12.82
802.11ac VHT40	102	5510	12.67
	110	5550	12.82
	118	5590	12.67
	126	5630	12.77
	134	5670	12.82
	142	5710	12.66
802.11ac VHT80	106	5530	12.99
	122	5610	12.85
	138	5690	12.94
802.11ac VHT160	114	5570	12.97
802.11ax HE20	100	5500	12.75
	116	5580	12.67
	120	5600	12.67
	124	5620	12.73
	132	5660	12.8
	140	5700	12.77
	144	5720	12.82
802.11ax HE40	102	5510	12.72
	110	5550	12.81
	118	5590	12.83
	126	5630	12.68
	134	5670	12.7
	142	5710	12.73
802.11ax HE80	106	5530	12.7
	122	5610	12.7
	138	5690	12.76
802.11ax HE160	114	5570	12.82
802.11be EHT20	100	5500	12.8
	116	5580	12.74
	120	5600	12.81
	124	5620	12.76
	132	5660	12.79
	140	5700	12.73
	144	5720	12.66
802.11be EHT40	102	5510	12.76
	110	5550	12.76
	118	5590	12.72
	126	5630	12.74
	134	5670	12.67
	142	5710	12.83
802.11be EHT80	106	5530	12.81
	122	5610	12.67
	138	5690	12.78
802.11be EHT160	114	5570	12.81

Conducted Power (Full)					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500	12.76	12.85	15.82
	116	5580	12.73	12.68	15.72
	120	5600	12.67	12.7	15.7
	124	5620	12.77	12.84	15.82
	132	5660	12.85	12.7	15.79
	140	5700	12.7	12.66	15.69
	144	5720	12.85	12.81	15.84
802.11n HT20	100	5500	12.65	12.69	15.68
	116	5580	12.74	12.75	15.76
	120	5600	12.75	12.78	15.78
	124	5620	12.84	12.71	15.79
	132	5660	12.7	12.68	15.7
	140	5700	12.75	12.85	15.81
	144	5720	12.76	12.77	15.78
802.11n HT40	102	5510	12.67	12.77	15.73
	110	5550	12.79	12.78	15.8
	118	5590	12.78	12.8	15.8
	126	5630	12.66	12.71	15.7
	134	5670	12.71	12.69	15.71
	142	5710	12.71	12.74	15.74
802.11ac VHT20	100	5500	12.71	12.75	15.74
	116	5580	12.77	12.84	15.82
	120	5600	12.79	12.81	15.81
	124	5620	12.7	12.65	15.69
	132	5660	12.74	12.72	15.74
	140	5700	12.83	12.7	15.78
	144	5720	12.79	12.76	15.79
802.11ac VHT40	102	5510	12.76	12.65	15.72
	110	5550	12.71	12.78	15.76
	118	5590	12.82	12.78	15.81
	126	5630	12.75	12.72	15.75
	134	5670	12.79	12.72	15.77
	142	5710	12.69	12.75	15.73
802.11ac VHT80	106	5530	12.91	12.97	15.95
	122	5610	12.83	12.81	15.83
	138	5690	12.55	12.73	15.65
802.11ac VHT160	114	5570	12.8	12.86	15.84
802.11ax HE20	100	5500	12.85	12.68	15.78
	116	5580	12.67	12.79	15.74
	120	5600	12.74	12.79	15.78
	124	5620	12.69	12.71	15.71
	132	5660	12.78	12.75	15.78
	140	5700	12.65	12.78	15.73
	144	5720	12.74	12.67	15.72
802.11ax HE40	102	5510	12.8	12.65	15.74
	110	5550	12.74	12.71	15.74
	118	5590	12.84	12.69	15.78
	126	5630	12.73	12.85	15.8
	134	5670	12.77	12.82	15.81
	142	5710	12.81	12.72	15.78
802.11ax HE80	106	5530	12.68	12.76	15.73
	122	5610	12.67	12.67	15.68
	138	5690	12.66	12.71	15.7
802.11ax HE160	114	5570	12.82	12.81	15.83
802.11be EHT20	100	5500	12.77	12.75	15.77
	116	5580	12.66	12.71	15.7
	120	5600	12.7	12.75	15.74
	124	5620	12.68	12.67	15.69
	132	5660	12.68	12.79	15.75
	140	5700	12.74	12.75	15.76
	144	5720	12.85	12.76	15.82
802.11be EHT40	102	5510	12.79	12.66	15.74
	110	5550	12.67	12.73	15.71
	118	5590	12.85	12.85	15.86
	126	5630	12.79	12.69	15.75
	134	5670	12.7	12.69	15.71
	142	5710	12.75	12.65	15.71
802.11be EHT80	106	5530	12.79	12.8	15.81
	122	5610	12.65	12.69	15.68
	138	5690	12.85	12.66	15.77
802.11be EHT160	114	5570	12.78	12.81	15.81

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	12.33
	153	5765	12.2
	157	5785	12.27
	161	5805	12.22
	165	5825	12.21
802.11n HT20	149	5745	12.33
	153	5765	12.31
	157	5785	12.21
	161	5805	12.19
	165	5825	12.26
802.11n HT40	151	5755	12.22
	159	5795	12.27
802.11ac VHT20	149	5745	12.16
	153	5765	12.26
	157	5785	12.3
	161	5805	12.23
	165	5825	12.15
802.11ac VHT40	151	5755	12.15
	159	5795	12.26
802.11ac VHT80	155	5775	12.47
802.11ax HE20	149	5745	12.33
	153	5765	12.29
	157	5785	12.33
	161	5805	12.18
	165	5825	12.23
802.11ax HE40	151	5755	12.24
	159	5795	12.18
802.11ax HE80	155	5775	12.24
802.11be EHT20	149	5745	12.27
	153	5765	12.22
	157	5785	12.15
	161	5805	12.15
	165	5825	12.21
802.11be EHT40	151	5755	12.24
	159	5795	12.22
802.11be EHT80	155	5775	12.35

Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	12.27
	153	5765	12.31
	157	5785	12.18
	161	5805	12.25
	165	5825	12.34
802.11n HT20	149	5745	12.29
	153	5765	12.31
	157	5785	12.27
	161	5805	12.33
	165	5825	12.26
802.11n HT40	151	5755	12.3
	159	5795	12.19
802.11ac VHT20	149	5745	12.32
	153	5765	12.18
	157	5785	12.31
	161	5805	12.17
	165	5825	12.26
802.11ac VHT40	151	5755	12.24
	159	5795	12.32
802.11ac VHT80	155	5775	12.46
802.11ax HE20	149	5745	12.23
	153	5765	12.33
	157	5785	12.27
	161	5805	12.17
	165	5825	12.32
802.11ax HE40	151	5755	12.24
	159	5795	12.22
802.11ax HE80	155	5775	12.24
802.11be EHT20	149	5745	12.17
	153	5765	12.23
	157	5785	12.26
	161	5805	12.18
	165	5825	12.19
802.11be EHT40	151	5755	12.22
	159	5795	12.27
802.11be EHT80	155	5775	12.29

Conducted Power (Full)					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	149	5745	12.29	12.26	15.29
	153	5765	12.28	12.15	15.23
	157	5785	12.35	12.27	15.32
	161	5805	12.29	12.18	15.25
	165	5825	12.34	12.15	15.26
802.11n HT20	149	5745	12.28	12.25	15.28
	153	5765	12.3	12.17	15.25
	157	5785	12.24	12.25	15.26
	161	5805	12.35	12.24	15.31
	165	5825	12.27	12.18	15.24
802.11n HT40	151	5755	12.21	12.25	15.24
	159	5795	12.32	12.3	15.32
802.11ac VHT20	149	5745	12.29	12.3	15.31
	153	5765	12.3	12.3	15.31
	157	5785	12.18	12.24	15.22
	161	5805	12.23	12.31	15.28
	165	5825	12.3	12.17	15.25
802.11ac VHT40	151	5755	12.35	12.17	15.27
	159	5795	12.27	12.17	15.23
802.11ac VHT80	155	5775	12.4	12.4	15.41
802.11ax HE20	149	5745	12.23	12.21	15.23
	153	5765	12.25	12.33	15.3
	157	5785	12.27	12.19	15.24
	161	5805	12.2	12.2	15.21
	165	5825	12.18	12.16	15.18
802.11ax HE40	151	5755	12.35	12.34	15.36
	159	5795	12.16	12.23	15.21
802.11ax HE80	155	5775	12.17	12.24	15.22
802.11be EHT20	149	5745	12.19	12.17	15.19
	153	5765	12.16	12.33	15.26
	157	5785	12.27	12.25	15.27
	161	5805	12.31	12.15	15.24
	165	5825	12.33	12.33	15.34
802.11be EHT40	151	5755	12.25	12.26	15.27
	159	5795	12.34	12.21	15.29
802.11be EHT80	155	5775	12.35	12.26	15.32

Conducted Power (Full)			
WLAN 5.9GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	169	5845	12.17
	173	5865	12.33
	177	5885	12.15
802.11n HT20	169	5845	12.17
	173	5865	12.31
	177	5885	12.34
802.11n HT40	167	5835	12.23
	175	5875	12.29
802.11ac VHT20	169	5845	12.34
	173	5865	12.18
	177	5885	12.2
802.11ac VHT40	167	5835	12.23
	175	5875	12.21
802.11ac VHT80	171	5855	12.2
802.11ac VHT160	163	5815	12.45
802.11ax HE20	169	5845	12.15
	173	5865	12.19
	177	5885	12.25
802.11ax HE40	167	5835	12.19
	175	5875	12.27
802.11ax HE80	171	5855	12.15
802.11ax HE160	163	5815	12.16
802.11be EHT20	169	5845	12.2
	173	5865	12.2
	177	5885	12.34
802.11be EHT40	167	5835	12.26
	175	5875	12.33
802.11be EHT80	171	5855	12.33
802.11be EHT160	163	5815	12.25

Conducted Power (Full)			
WLAN 5.9GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	169	5845	12.17
	173	5865	12.27
	177	5885	12.27
802.11n HT20	169	5845	12.28
	173	5865	12.25
	177	5885	12.2
802.11n HT40	167	5835	12.26
	175	5875	12.29
802.11ac VHT20	169	5845	12.17
	173	5865	12.33
	177	5885	12.17
802.11ac VHT40	167	5835	12.28
	175	5875	12.34
802.11ac VHT80	171	5855	12.3
802.11ac VHT160	163	5815	12.41
802.11ax HE20	169	5845	12.18
	173	5865	12.22
	177	5885	12.15
802.11ax HE40	167	5835	12.16
	175	5875	12.16
802.11ax HE80	171	5855	12.3
802.11ax HE160	163	5815	12.33
802.11be EHT20	169	5845	12.19
	173	5865	12.18
	177	5885	12.15
802.11be EHT40	167	5835	12.31
	175	5875	12.21
802.11be EHT80	171	5855	12.26
802.11be EHT160	163	5815	12.17

Conducted Power (Full)					
WLAN 5.9GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	169	5845	12.22	12.31	15.28
	173	5865	12.32	12.2	15.27
	177	5885	12.19	12.17	15.19
802.11n HT20	169	5845	12.32	12.22	15.28
	173	5865	12.22	12.25	15.25
	177	5885	12.29	12.15	15.23
802.11n HT40	167	5835	12.22	12.2	15.22
	175	5875	12.25	12.21	15.24
802.11ac VHT20	169	5845	12.31	12.27	15.3
	173	5865	12.28	12.15	15.23
	177	5885	12.2	12.16	15.19
802.11ac VHT40	167	5835	12.22	12.24	15.24
	175	5875	12.32	12.27	15.31
802.11ac VHT80	171	5855	12.27	12.22	15.26
802.11ac VHT160	163	5815	12.43	12.37	15.41
802.11ax HE20	169	5845	12.15	12.34	15.26
	173	5865	12.18	12.29	15.25
	177	5885	12.29	12.23	15.27
802.11ax HE40	167	5835	12.28	12.32	15.31
	175	5875	12.3	12.16	15.24
802.11ax HE80	171	5855	12.29	12.27	15.29
802.11ax HE160	163	5815	12.29	12.31	15.31
802.11be EHT20	169	5845	12.22	12.17	15.21
	173	5865	12.25	12.34	15.31
	177	5885	12.17	12.28	15.24
802.11be EHT40	167	5835	12.2	12.33	15.28
	175	5875	12.15	12.26	15.22
802.11be EHT80	171	5855	12.18	12.18	15.19
802.11be EHT160	163	5815	12.18	12.2	15.2

Conducted Power (Full)			
UNII-5 Ant 0_SP			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	11.22
	5	5975	11.35
	9	5995	11.28
	13	6015	11.34
	17	6035	11.15
	21	6055	11.35
	25	6075	11.24
	29	6095	11.27
	33	6115	11.15
	37	6135	11.16
	41	6155	11.25
	45	6175	11.29
	49	6195	11.32
	53	6215	11.23
	57	6235	11.21
	61	6255	11.34
	65	6275	11.32
	69	6295	11.27
	73	6315	11.31
	77	6335	11.26
	81	6355	11.18
	85	6375	11.3
	89	6395	11.18
	93	6415	11.23
802.11ax HE20	1	5955	11.19
	5	5975	11.26
	9	5995	11.32
	13	6015	11.2
	17	6035	11.25
	21	6055	11.16
	25	6075	11.26
	29	6095	11.2
	33	6115	11.29
	37	6135	11.34
	41	6155	11.21
	45	6175	11.19
	49	6195	11.34
	53	6215	11.26
	57	6235	11.15
	61	6255	11.3
	65	6275	11.19
	69	6295	11.15
	73	6315	11.19
	77	6335	11.22
	81	6355	11.25
	85	6375	11.19
	89	6395	11.16
	93	6415	11.16
802.11ax HE40	3	5965	11.16
	11	6005	11.27
	19	6045	11.31
	27	6085	11.32
	35	6125	11.35
	43	6165	11.16
	51	6205	11.16
	59	6245	11.26
	67	6285	11.28
	75	6325	11.25
	83	6365	11.3
	91	6405	11.29
802.11ax HE80	7	5985	11.19
	23	6065	11.31
	39	6145	11.24
	55	6225	11.15
	71	6305	11.15
	87	6385	11.35
802.11ax HE160	15	6025	11.48
	47	6185	11.37
	79	6345	11.44

Conducted Power (Full)			
UNII-5 Ant 0_SP			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11be EHT20	1	5955	11.18
	5	5975	11.27
	9	5995	11.3
	13	6015	11.34
	17	6035	11.17
	21	6055	11.21
	25	6075	11.24
	29	6095	11.2
	33	6115	11.33
	37	6135	11.2
	41	6155	11.31
	45	6175	11.21
	49	6195	11.32
	53	6215	11.29
	57	6235	11.17
	61	6255	11.16
	65	6275	11.17
	69	6295	11.3
	73	6315	11.27
	77	6335	11.18
	81	6355	11.34
	85	6375	11.28
	89	6395	11.25
	93	6415	11.33
802.11be EHT40	3	5965	11.26
	11	6005	11.21
	19	6045	11.17
	27	6085	11.15
	35	6125	11.2
	43	6165	11.25
	51	6205	11.3
	59	6245	11.17
	67	6285	11.26
	75	6325	11.25
	83	6365	11.17
	91	6405	11.35
802.11be EHT80	7	5985	11.35
	23	6065	11.25
	39	6145	11.24
	55	6225	11.17
	71	6305	11.16
	87	6385	11.23
802.11be EHT160	15	6025	11.27
	47	6185	11.21
	79	6345	11.25

Conducted Power (Full)			
UNII-5 Ant 1_SP			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	11.27
	5	5975	11.2
	9	5995	11.21
	13	6015	11.35
	17	6035	11.18
	21	6055	11.3
	25	6075	11.26
	29	6095	11.26
	33	6115	11.18
	37	6135	11.17
	41	6155	11.34
	45	6175	11.23
	49	6195	11.27
	53	6215	11.31
	57	6235	11.16
	61	6255	11.17
	65	6275	11.25
	69	6295	11.34
	73	6315	11.18
	77	6335	11.23
	81	6355	11.32
	85	6375	11.15
	89	6395	11.33
	93	6415	11.3
802.11ax HE20	1	5955	11.25
	5	5975	11.18
	9	5995	11.33
	13	6015	11.2
	17	6035	11.25
	21	6055	11.28
	25	6075	11.26
	29	6095	11.27
	33	6115	11.21
	37	6135	11.3
	41	6155	11.31
	45	6175	11.22
	49	6195	11.32
	53	6215	11.15
	57	6235	11.34
	61	6255	11.3
	65	6275	11.19
	69	6295	11.2
	73	6315	11.23
	77	6335	11.15
	81	6355	11.15
	85	6375	11.21
	89	6395	11.17
	93	6415	11.28
802.11ax HE40	3	5965	11.34
	11	6005	11.24
	19	6045	11.18
	27	6085	11.24
	35	6125	11.35
	43	6165	11.29
	51	6205	11.15
	59	6245	11.18
	67	6285	11.19
	75	6325	11.21
	83	6365	11.16
	91	6405	11.33
802.11ax HE80	7	5985	11.25
	23	6065	11.3
	39	6145	11.24
	55	6225	11.17
	71	6305	11.19
	87	6385	11.22
802.11ax HE160	15	6025	11.49
	47	6185	11.35
	79	6345	11.31

Conducted Power (Full)			
UNII-5 Ant 1_SP			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11be EHT20	1	5955	11.33
	5	5975	11.25
	9	5995	11.29
	13	6015	11.28
	17	6035	11.27
	21	6055	11.3
	25	6075	11.18
	29	6095	11.24
	33	6115	11.35
	37	6135	11.34
	41	6155	11.22
	45	6175	11.21
	49	6195	11.2
	53	6215	11.15
	57	6235	11.23
	61	6255	11.16
	65	6275	11.22
	69	6295	11.15
	73	6315	11.24
	77	6335	11.16
	81	6355	11.25
	85	6375	11.18
	89	6395	11.22
	93	6415	11.35
802.11be EHT40	3	5965	11.27
	11	6005	11.19
	19	6045	11.26
	27	6085	11.27
	35	6125	11.29
	43	6165	11.21
	51	6205	11.16
	59	6245	11.31
	67	6285	11.2
	75	6325	11.15
	83	6365	11.18
	91	6405	11.24
802.11be EHT80	7	5985	11.24
	23	6065	11.29
	39	6145	11.25
	55	6225	11.3
	71	6305	11.33
	87	6385	11.35
802.11be EHT160	15	6025	11.16
	47	6185	11.26
	79	6345	11.2

Conducted Power (Full)					
UNII-5 Ant 0+1_SP					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	1	5955	11.15	11.16	14.17
	5	5975	11.17	11.17	14.18
	9	5995	11.28	11.29	14.3
	13	6015	11.35	11.24	14.31
	17	6035	11.27	11.19	14.24
	21	6055	11.29	11.3	14.31
	25	6075	11.16	11.34	14.26
	29	6095	11.28	11.32	14.31
	33	6115	11.26	11.35	14.32
	37	6135	11.21	11.32	14.28
	41	6155	11.2	11.3	14.26
	45	6175	11.24	11.16	14.21
	49	6195	11.16	11.34	14.26
	53	6215	11.26	11.24	14.26
	57	6235	11.22	11.19	14.22
	61	6255	11.17	11.2	14.2
	65	6275	11.17	11.24	14.22
	69	6295	11.33	11.25	14.3
	73	6315	11.16	11.26	14.22
	77	6335	11.28	11.15	14.23
	81	6355	11.33	11.28	14.32
	85	6375	11.23	11.33	14.29
	89	6395	11.24	11.15	14.21
	93	6415	11.2	11.18	14.2
802.11ax HE20	1	5955	11.16	11.15	14.17
	5	5975	11.19	11.27	14.24
	9	5995	11.22	11.29	14.27
	13	6015	11.19	11.15	14.18
	17	6035	11.32	11.33	14.34
	21	6055	11.16	11.21	14.2
	25	6075	11.3	11.35	14.34
	29	6095	11.33	11.32	14.34
	33	6115	11.3	11.25	14.29
	37	6135	11.18	11.19	14.2
	41	6155	11.3	11.18	14.25
	45	6175	11.15	11.26	14.22
	49	6195	11.34	11.16	14.26
	53	6215	11.34	11.29	14.33
	57	6235	11.21	11.32	14.28
	61	6255	11.25	11.35	14.31
	65	6275	11.17	11.23	14.21
	69	6295	11.3	11.16	14.24
	73	6315	11.26	11.25	14.27
	77	6335	11.25	11.16	14.22
	81	6355	11.21	11.3	14.27
	85	6375	11.27	11.3	14.3
	89	6395	11.22	11.16	14.2
	93	6415	11.23	11.17	14.21
802.11ax HE40	3	5965	11.28	11.21	14.26
	11	6005	11.25	11.35	14.31
	19	6045	11.32	11.28	14.31
	27	6085	11.27	11.26	14.28
	35	6125	11.23	11.28	14.27
	43	6165	11.34	11.2	14.28
	51	6205	11.19	11.2	14.21
	59	6245	11.26	11.24	14.26
	67	6285	11.18	11.16	14.18
	75	6325	11.23	11.16	14.21
	83	6365	11.26	11.31	14.3
	91	6405	11.31	11.31	14.32
802.11ax HE80	7	5985	11.25	11.17	14.22
	23	6065	11.25	11.27	14.27
	39	6145	11.29	11.35	14.33
	55	6225	11.29	11.17	14.24
	71	6305	11.15	11.22	14.2
	87	6385	11.35	11.27	14.32
802.11ax HE160	15	6025	11.48	11.21	14.36
	47	6185	11.41	11.23	14.33
	79	6345	11.39	11.2	14.31

Conducted Power (Full)					
UNII-5 Ant 0+1_SP					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	1	5955	11.3	11.24	14.28
	5	5975	11.22	11.26	14.25
	9	5995	11.16	11.15	14.17
	13	6015	11.27	11.27	14.28
	17	6035	11.15	11.25	14.21
	21	6055	11.26	11.19	14.24
	25	6075	11.16	11.2	14.19
	29	6095	11.28	11.18	14.24
	33	6115	11.3	11.35	14.34
	37	6135	11.31	11.34	14.34
	41	6155	11.22	11.16	14.2
	45	6175	11.25	11.34	14.31
	49	6195	11.22	11.23	14.24
	53	6215	11.19	11.15	14.18
	57	6235	11.33	11.22	14.29
	61	6255	11.29	11.22	14.27
	65	6275	11.26	11.33	14.31
	69	6295	11.29	11.31	14.31
	73	6315	11.2	11.18	14.2
	77	6335	11.25	11.17	14.22
	81	6355	11.2	11.19	14.21
	85	6375	11.34	11.16	14.26
	89	6395	11.17	11.32	14.26
	93	6415	11.26	11.25	14.27
802.11be EHT40	3	5965	11.26	11.29	14.29
	11	6005	11.23	11.32	14.29
	19	6045	11.17	11.31	14.25
	27	6085	11.22	11.25	14.25
	35	6125	11.26	11.26	14.27
	43	6165	11.33	11.27	14.31
	51	6205	11.25	11.26	14.27
	59	6245	11.26	11.35	14.32
	67	6285	11.23	11.28	14.27
	75	6325	11.16	11.2	14.19
	83	6365	11.18	11.17	14.19
	91	6405	11.31	11.19	14.26
802.11be EHT80	7	5985	11.33	11.23	14.29
	23	6065	11.31	11.31	14.32
	39	6145	11.3	11.22	14.27
	55	6225	11.22	11.35	14.3
	71	6305	11.18	11.23	14.22
	87	6385	11.16	11.32	14.25
802.11be EHT160	15	6025	11.29	11.33	14.32
	47	6185	11.16	11.26	14.22
	79	6345	11.2	11.26	14.24

Conducted Power (Full)			
UNII-6 Ant 0_SP			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	97	6435	11.22
	101	6455	11.15
	105	6475	11.16
	109	6495	11.29
	113	6515	11.31
802.11ax HE20	97	6435	11.16
	101	6455	11.26
	105	6475	11.18
	109	6495	11.31
	113	6515	11.18
802.11ax HE40	99	6445	11.34
	107	6485	11.35
	115	6525	11.23
802.11ax HE80	103	6465	11.27
	119	6545	11.2
802.11ax HE160	111	6505	11.4
802.11be EHT20	97	6435	11.2
	101	6455	11.2
	105	6475	11.24
	109	6495	11.27
	113	6515	11.34
802.11be EHT40	99	6445	11.34
	107	6485	11.34
	115	6525	11.32
802.11be EHT80	103	6465	11.32
	119	6545	11.27
802.11be EHT160	111	6505	11.18

Conducted Power (Full)			
UNII-6 Ant 1_SP			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	97	6435	11.18
	101	6455	11.3
	105	6475	11.31
	109	6495	11.29
	113	6515	11.17
802.11ax HE20	97	6435	11.28
	101	6455	11.23
	105	6475	11.15
	109	6495	11.21
	113	6515	11.21
802.11ax HE40	99	6445	11.25
	107	6485	11.28
	115	6525	11.25
802.11ax HE80	103	6465	11.18
	119	6545	11.3
802.11ax HE160	111	6505	11.49
802.11be EHT20	97	6435	11.21
	101	6455	11.31
	105	6475	11.34
	109	6495	11.33
	113	6515	11.26
802.11be EHT40	99	6445	11.3
	107	6485	11.16
	115	6525	11.22
802.11be EHT80	103	6465	11.28
	119	6545	11.31
802.11be EHT160	111	6505	11.32

Conducted Power (Full)					
UNII-6 Ant 0+1_SP					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	97	6435	11.16	11.27	14.23
	101	6455	11.19	11.23	14.22
	105	6475	11.28	11.28	14.29
	109	6495	11.25	11.31	14.29
	113	6515	11.25	11.23	14.25
802.11ax HE20	97	6435	11.23	11.32	14.29
	101	6455	11.29	11.34	14.33
	105	6475	11.29	11.24	14.28
	109	6495	11.34	11.34	14.35
	113	6515	11.3	11.15	14.24
802.11ax HE40	99	6445	11.31	11.32	14.33
	107	6485	11.2	11.27	14.25
	115	6525	11.22	11.16	14.2
802.11ax HE80	103	6465	11.32	11.28	14.31
	119	6545	11.24	11.2	14.23
802.11ax HE160	111	6505	11.21	11.49	14.36
802.11be EHT20	97	6435	11.33	11.25	14.3
	101	6455	11.32	11.34	14.34
	105	6475	11.29	11.16	14.24
	109	6495	11.21	11.29	14.26
	113	6515	11.25	11.27	14.27
802.11be EHT40	99	6445	11.21	11.21	14.22
	107	6485	11.2	11.32	14.27
	115	6525	11.28	11.15	14.23
802.11be EHT80	103	6465	11.21	11.35	14.29
	119	6545	11.24	11.26	14.26
802.11be EHT160	111	6505	11.35	11.24	14.31

Conducted Power (Full)			
UNII-7 Ant 0_SP			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	117	6535	11.27
	121	6555	11.31
	125	6575	11.35
	129	6595	11.35
	133	6615	11.19
	137	6635	11.25
	141	6655	11.19
	145	6675	11.33
	149	6695	11.21
	153	6715	11.23
	157	6735	11.23
	161	6755	11.16
	165	6775	11.33
	169	6795	11.18
	173	6815	11.19
	177	6835	11.28
	181	6855	11.31
802.11ax HE20	117	6535	11.19
	121	6555	11.35
	125	6575	11.28
	129	6595	11.15
	133	6615	11.26
	137	6635	11.31
	141	6655	11.2
	145	6675	11.28
	149	6695	11.24
	153	6715	11.23
	157	6735	11.21
	161	6755	11.19
	165	6775	11.33
	169	6795	11.22
	173	6815	11.31
	177	6835	11.21
	181	6855	11.15
802.11ax HE40	123	6565	11.25
	131	6605	11.21
	139	6645	11.15
	147	6685	11.31
	155	6725	11.2
	163	6765	11.31
	171	6805	11.28
	179	6845	11.32
	187	6885	11.3
802.11ax HE80	135	6625	11.32
	151	6705	11.17
	167	6785	11.33
	183	6865	11.25
802.11ax HE160	143	6665	11.41
	175	6825	11.32

Conducted Power (Full)			
UNII-7 Ant 0_SP			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11be EHT20	117	6535	11.3
	121	6555	11.35
	125	6575	11.18
	129	6595	11.25
	133	6615	11.22
	137	6635	11.22
	141	6655	11.17
	145	6675	11.34
	149	6695	11.22
	153	6715	11.15
	157	6735	11.3
	161	6755	11.23
	165	6775	11.33
	169	6795	11.26
	173	6815	11.33
	177	6835	11.33
	181	6855	11.21
802.11be EHT40	123	6565	11.3
	131	6605	11.3
	139	6645	11.19
	147	6685	11.32
	155	6725	11.22
	163	6765	11.24
	171	6805	11.2
	179	6845	11.35
	187	6885	11.3
802.11be EHT80	135	6625	11.31
	151	6705	11.34
	167	6785	11.28
	183	6865	11.16
802.11be EHT160	143	6665	11.32
	175	6825	11.18

Conducted Power (Full)			
UNII-7 Ant 1_SP			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	117	6535	11.31
	121	6555	11.29
	125	6575	11.21
	129	6595	11.26
	133	6615	11.16
	137	6635	11.26
	141	6655	11.19
	145	6675	11.16
	149	6695	11.29
	153	6715	11.35
	157	6735	11.17
	161	6755	11.26
	165	6775	11.15
	169	6795	11.34
	173	6815	11.28
	177	6835	11.27
	181	6855	11.25
802.11ax HE20	117	6535	11.3
	121	6555	11.31
	125	6575	11.27
	129	6595	11.18
	133	6615	11.19
	137	6635	11.18
	141	6655	11.15
	145	6675	11.32
	149	6695	11.17
	153	6715	11.32
	157	6735	11.35
	161	6755	11.17
	165	6775	11.33
	169	6795	11.25
	173	6815	11.15
	177	6835	11.19
	181	6855	11.23
802.11ax HE40	123	6565	11.2
	131	6605	11.19
	139	6645	11.32
	147	6685	11.16
	155	6725	11.16
	163	6765	11.23
	171	6805	11.34
	179	6845	11.19
	187	6885	11.29
802.11ax HE80	135	6625	11.26
	151	6705	11.19
	167	6785	11.31
	183	6865	11.21
802.11ax HE160	143	6665	11.46
	175	6825	11.28

Conducted Power (Full)			
UNII-7 Ant 1_SP			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11be EHT20	117	6535	11.21
	121	6555	11.32
	125	6575	11.34
	129	6595	11.2
	133	6615	11.21
	137	6635	11.34
	141	6655	11.2
	145	6675	11.23
	149	6695	11.24
	153	6715	11.23
	157	6735	11.15
	161	6755	11.33
	165	6775	11.29
	169	6795	11.17
	173	6815	11.18
	177	6835	11.3
	181	6855	11.28
802.11be EHT40	123	6565	11.19
	131	6605	11.31
	139	6645	11.21
	147	6685	11.32
	155	6725	11.23
	163	6765	11.24
	171	6805	11.25
	179	6845	11.2
	187	6885	11.27
802.11be EHT80	135	6625	11.3
	151	6705	11.32
	167	6785	11.18
	183	6865	11.33
802.11be EHT160	143	6665	11.26
	175	6825	11.23

Conducted Power (Full)					
UNII-7 Ant 0+1_SP					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	117	6535	11.26	11.24	14.26
	121	6555	11.26	11.16	14.22
	125	6575	11.16	11.25	14.22
	129	6595	11.18	11.26	14.23
	133	6615	11.16	11.27	14.23
	137	6635	11.27	11.23	14.26
	141	6655	11.29	11.34	14.33
	145	6675	11.21	11.23	14.23
	149	6695	11.34	11.31	14.34
	153	6715	11.2	11.18	14.2
	157	6735	11.26	11.26	14.27
	161	6755	11.15	11.3	14.24
	165	6775	11.35	11.32	14.35
	169	6795	11.34	11.17	14.27
	173	6815	11.2	11.33	14.28
	177	6835	11.27	11.18	14.24
	181	6855	11.19	11.15	14.18
802.11ax HE20	117	6535	11.3	11.3	14.31
	121	6555	11.27	11.31	14.3
	125	6575	11.24	11.25	14.26
	129	6595	11.25	11.15	14.21
	133	6615	11.2	11.19	14.21
	137	6635	11.21	11.33	14.28
	141	6655	11.29	11.23	14.27
	145	6675	11.31	11.25	14.29
	149	6695	11.32	11.17	14.26
	153	6715	11.24	11.18	14.22
	157	6735	11.16	11.15	14.17
	161	6755	11.16	11.3	14.24
	165	6775	11.2	11.29	14.26
	169	6795	11.27	11.15	14.22
	173	6815	11.18	11.18	14.19
	177	6835	11.25	11.29	14.28
	181	6855	11.23	11.2	14.23
802.11ax HE40	123	6565	11.17	11.2	14.2
	131	6605	11.33	11.3	14.33
	139	6645	11.24	11.19	14.23
	147	6685	11.28	11.32	14.31
	155	6725	11.27	11.23	14.26
	163	6765	11.34	11.15	14.26
	171	6805	11.15	11.2	14.19
	179	6845	11.17	11.34	14.27
	187	6885	11.22	11.2	14.22
802.11ax HE80	135	6625	11.28	11.2	14.25
	151	6705	11.34	11.31	14.34
	167	6785	11.31	11.2	14.27
	183	6865	11.32	11.18	14.26
802.11ax HE160	143	6665	11.28	11.49	14.4
	175	6825	11.1	11.34	14.23

Conducted Power (Full)					
UNII-7 Ant 0+1_SP					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	117	6535	11.25	11.2	14.24
	121	6555	11.3	11.22	14.27
	125	6575	11.29	11.18	14.25
	129	6595	11.27	11.25	14.27
	133	6615	11.25	11.27	14.27
	137	6635	11.26	11.16	14.22
	141	6655	11.26	11.34	14.31
	145	6675	11.29	11.35	14.33
	149	6695	11.2	11.2	14.21
	153	6715	11.21	11.24	14.24
	157	6735	11.28	11.22	14.26
	161	6755	11.35	11.29	14.33
	165	6775	11.22	11.28	14.26
	169	6795	11.2	11.29	14.26
	173	6815	11.32	11.24	14.29
	177	6835	11.35	11.21	14.29
	181	6855	11.25	11.31	14.29
802.11be EHT40	123	6565	11.34	11.15	14.26
	131	6605	11.32	11.35	14.35
	139	6645	11.2	11.21	14.22
	147	6685	11.24	11.31	14.29
	155	6725	11.26	11.35	14.32
	163	6765	11.35	11.31	14.34
	171	6805	11.24	11.19	14.23
	179	6845	11.23	11.33	14.29
	187	6885	11.28	11.28	14.29
802.11be EHT80	135	6625	11.3	11.3	14.31
	151	6705	11.3	11.3	14.31
	167	6785	11.15	11.22	14.2
	183	6865	11.21	11.33	14.28
802.11be EHT160	143	6665	11.2	11.24	14.23
	175	6825	11.17	11.24	14.22

Conducted Power (Full)			
UNII-5 Ant 0_LPI			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	7.22
	5	5975	7.35
	9	5995	7.28
	13	6015	7.34
	17	6035	7.15
	21	6055	7.35
	25	6075	7.24
	29	6095	7.27
	33	6115	7.15
	37	6135	7.16
	41	6155	7.25
	45	6175	7.29
	49	6195	7.32
	53	6215	7.23
	57	6235	7.21
	61	6255	7.34
	65	6275	7.32
	69	6295	7.27
	73	6315	7.31
	77	6335	7.26
	81	6355	7.18
	85	6375	7.3
	89	6395	7.18
	93	6415	7.23
802.11ax HE20	1	5955	7.19
	5	5975	7.26
	9	5995	7.32
	13	6015	7.2
	17	6035	7.25
	21	6055	7.16
	25	6075	7.26
	29	6095	7.2
	33	6115	7.29
	37	6135	7.34
	41	6155	7.21
	45	6175	7.19
	49	6195	7.34
	53	6215	7.26
	57	6235	7.15
	61	6255	7.3
	65	6275	7.19
	69	6295	7.15
	73	6315	7.19
	77	6335	7.22
	81	6355	7.25
	85	6375	7.19
	89	6395	7.16
	93	6415	7.16
802.11ax HE40	3	5965	9.66
	11	6005	9.77
	19	6045	9.81
	27	6085	9.82
	35	6125	9.85
	43	6165	9.66
	51	6205	9.66
	59	6245	9.76
	67	6285	9.78
	75	6325	9.75
	83	6365	9.8
	91	6405	9.79
802.11ax HE80	7	5985	11.19
	23	6065	11.31
	39	6145	11.24
	55	6225	11.15
	71	6305	11.15
	87	6385	11.35
802.11ax HE160	15	6025	11.47
	47	6185	11.35
	79	6345	11.41

Conducted Power (Full)			
UNII-5 Ant 0_LPI			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11be EHT20	1	5955	7.18
	5	5975	7.27
	9	5995	7.3
	13	6015	7.34
	17	6035	7.17
	21	6055	7.21
	25	6075	7.24
	29	6095	7.2
	33	6115	7.33
	37	6135	7.2
	41	6155	7.31
	45	6175	7.21
	49	6195	7.32
	53	6215	7.29
	57	6235	7.17
	61	6255	7.16
	65	6275	7.17
	69	6295	7.3
	73	6315	7.27
	77	6335	7.18
	81	6355	7.34
	85	6375	7.28
	89	6395	7.25
	93	6415	7.33
802.11be EHT40	3	5965	9.76
	11	6005	9.71
	19	6045	9.67
	27	6085	9.65
	35	6125	9.7
	43	6165	9.75
	51	6205	9.8
	59	6245	9.67
	67	6285	9.76
	75	6325	9.75
	83	6365	9.67
	91	6405	9.85
802.11be EHT80	7	5985	11.35
	23	6065	11.25
	39	6145	11.24
	55	6225	11.17
	71	6305	11.16
	87	6385	11.23
802.11be EHT160	15	6025	11.27
	47	6185	11.21
	79	6345	11.25

Conducted Power (Full)			
UNII-5 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	7.27
	5	5975	7.2
	9	5995	7.21
	13	6015	7.35
	17	6035	7.18
	21	6055	7.3
	25	6075	7.26
	29	6095	7.26
	33	6115	7.18
	37	6135	7.17
	41	6155	7.34
	45	6175	7.23
	49	6195	7.27
	53	6215	7.31
	57	6235	7.16
	61	6255	7.17
	65	6275	7.25
	69	6295	7.34
	73	6315	7.18
	77	6335	7.23
	81	6355	7.32
	85	6375	7.15
	89	6395	7.33
	93	6415	7.3
802.11ax HE20	1	5955	7.25
	5	5975	7.18
	9	5995	7.33
	13	6015	7.2
	17	6035	7.25
	21	6055	7.28
	25	6075	7.26
	29	6095	7.27
	33	6115	7.21
	37	6135	7.3
	41	6155	7.31
	45	6175	7.22
	49	6195	7.32
	53	6215	7.15
	57	6235	7.34
	61	6255	7.3
	65	6275	7.19
	69	6295	7.2
	73	6315	7.23
	77	6335	7.15
	81	6355	7.15
	85	6375	7.21
	89	6395	7.17
	93	6415	7.28
802.11ax HE40	3	5965	9.84
	11	6005	9.74
	19	6045	9.68
	27	6085	9.74
	35	6125	9.85
	43	6165	9.79
	51	6205	9.65
	59	6245	9.68
	67	6285	9.69
	75	6325	9.71
	83	6365	9.66
	91	6405	9.83
802.11ax HE80	7	5985	11.25
	23	6065	11.3
	39	6145	11.24
	55	6225	11.17
	71	6305	11.19
	87	6385	11.22
802.11ax HE160	15	6025	11.46
	47	6185	11.33
	79	6345	11.29

Conducted Power (Full)			
UNII-5 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11be EHT20	1	5955	7.33
	5	5975	7.25
	9	5995	7.29
	13	6015	7.28
	17	6035	7.27
	21	6055	7.3
	25	6075	7.18
	29	6095	7.24
	33	6115	7.35
	37	6135	7.34
	41	6155	7.22
	45	6175	7.21
	49	6195	7.2
	53	6215	7.15
	57	6235	7.23
	61	6255	7.16
	65	6275	7.22
	69	6295	7.15
	73	6315	7.24
	77	6335	7.16
	81	6355	7.25
	85	6375	7.18
	89	6395	7.22
	93	6415	7.35
802.11be EHT40	3	5965	9.77
	11	6005	9.69
	19	6045	9.76
	27	6085	9.77
	35	6125	9.79
	43	6165	9.71
	51	6205	9.66
	59	6245	9.81
	67	6285	9.7
	75	6325	9.65
	83	6365	9.68
	91	6405	9.74
802.11be EHT80	7	5985	11.24
	23	6065	11.29
	39	6145	11.25
	55	6225	11.3
	71	6305	11.33
	87	6385	11.35
802.11be EHT160	15	6025	11.16
	47	6185	11.26
	79	6345	11.2

Conducted Power (Full)					
UNII-5 Ant 0+1_LPI					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	1	5955	1.15	1.16	4.17
	5	5975	1.17	1.17	4.18
	9	5995	1.28	1.29	4.3
	13	6015	1.35	1.24	4.31
	17	6035	1.27	1.19	4.24
	21	6055	1.29	1.3	4.31
	25	6075	1.16	1.34	4.26
	29	6095	1.28	1.32	4.31
	33	6115	1.26	1.35	4.32
	37	6135	1.21	1.32	4.28
	41	6155	1.2	1.3	4.26
	45	6175	1.24	1.16	4.21
	49	6195	1.16	1.34	4.26
	53	6215	1.26	1.24	4.26
	57	6235	1.22	1.19	4.22
	61	6255	1.17	1.2	4.2
	65	6275	1.17	1.24	4.22
	69	6295	1.33	1.25	4.3
	73	6315	1.16	1.26	4.22
	77	6335	1.28	1.15	4.23
	81	6355	1.33	1.28	4.32
	85	6375	1.23	1.33	4.29
	89	6395	1.24	1.15	4.21
	93	6415	1.2	1.18	4.2
802.11ax HE20	1	5955	4.16	4.15	7.17
	5	5975	4.19	4.27	7.24
	9	5995	4.22	4.29	7.27
	13	6015	4.19	4.15	7.18
	17	6035	4.32	4.33	7.34
	21	6055	4.16	4.21	7.2
	25	6075	4.3	4.35	7.34
	29	6095	4.33	4.32	7.34
	33	6115	4.3	4.25	7.29
	37	6135	4.18	4.19	7.2
	41	6155	4.3	4.18	7.25
	45	6175	4.15	4.26	7.22
	49	6195	4.34	4.16	7.26
	53	6215	4.34	4.29	7.33
	57	6235	4.21	4.32	7.28
	61	6255	4.25	4.35	7.31
	65	6275	4.17	4.23	7.21
	69	6295	4.3	4.16	7.24
	73	6315	4.26	4.25	7.27
	77	6335	4.25	4.16	7.22
	81	6355	4.21	4.3	7.27
	85	6375	4.27	4.3	7.3
	89	6395	4.22	4.16	7.2
	93	6415	4.23	4.17	7.21
802.11ax HE40	3	5965	7.28	7.21	10.26
	11	6005	7.25	7.35	10.31
	19	6045	7.32	7.28	10.31
	27	6085	7.27	7.26	10.28
	35	6125	7.23	7.28	10.27
	43	6165	7.34	7.2	10.28
	51	6205	7.19	7.2	10.21
	59	6245	7.26	7.24	10.26
	67	6285	7.18	7.16	10.18
	75	6325	7.23	7.16	10.21
	83	6365	7.26	7.31	10.3
	91	6405	7.31	7.31	10.32
802.11ax HE80	7	5985	10.25	10.17	13.22
	23	6065	10.25	10.27	13.27
	39	6145	10.29	10.35	13.33
	55	6225	10.29	10.17	13.24
	71	6305	10.15	10.22	13.2
	87	6385	10.35	10.27	13.32
802.11ax HE160	15	6025	11.44	11.19	14.33
	47	6185	11.39	11.21	14.31
	79	6345	11.38	11.17	14.29

Conducted Power (Full)					
UNII-5 Ant 0+1_LPI					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	1	5955	4.3	4.24	7.28
	5	5975	4.22	4.26	7.25
	9	5995	4.16	4.15	7.17
	13	6015	4.27	4.27	7.28
	17	6035	4.15	4.25	7.21
	21	6055	4.26	4.19	7.24
	25	6075	4.16	4.2	7.19
	29	6095	4.28	4.18	7.24
	33	6115	4.3	4.35	7.34
	37	6135	4.31	4.34	7.34
	41	6155	4.22	4.16	7.2
	45	6175	4.25	4.34	7.31
	49	6195	4.22	4.23	7.24
	53	6215	4.19	4.15	7.18
	57	6235	4.33	4.22	7.29
	61	6255	4.29	4.22	7.27
	65	6275	4.26	4.33	7.31
	69	6295	4.29	4.31	7.31
	73	6315	4.2	4.18	7.2
	77	6335	4.25	4.17	7.22
	81	6355	4.2	4.19	7.21
	85	6375	4.34	4.16	7.26
	89	6395	4.17	4.32	7.26
	93	6415	4.26	4.25	7.27
802.11be EHT40	3	5965	7.26	7.29	10.29
	11	6005	7.23	7.32	10.29
	19	6045	7.17	7.31	10.25
	27	6085	7.22	7.25	10.25
	35	6125	7.26	7.26	10.27
	43	6165	7.33	7.27	10.31
	51	6205	7.25	7.26	10.27
	59	6245	7.26	7.35	10.32
	67	6285	7.23	7.28	10.27
	75	6325	7.16	7.2	10.19
	83	6365	7.18	7.17	10.19
	91	6405	7.31	7.19	10.26
802.11be EHT80	7	5985	10.33	10.23	13.29
	23	6065	10.31	10.31	13.32
	39	6145	10.3	10.22	13.27
	55	6225	10.22	10.35	13.3
	71	6305	10.18	10.23	13.22
	87	6385	10.16	10.32	13.25
802.11be EHT160	15	6025	11.29	11.33	14.32
	47	6185	11.16	11.26	14.22
	79	6345	11.2	11.26	14.24

Conducted Power (Full)			
UNII-6 Ant 0_LPI			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	97	6435	7.22
	101	6455	7.15
	105	6475	7.16
	109	6495	7.29
	113	6515	7.31
802.11ax HE20	97	6435	7.16
	101	6455	7.26
	105	6475	7.18
	109	6495	7.31
	113	6515	7.18
802.11ax HE40	99	6445	9.84
	107	6485	9.85
	115	6525	9.73
802.11ax HE80	103	6465	10.27
	119	6545	10.2
802.11ax HE160	111	6505	11.4
802.11be EHT20	97	6435	7.2
	101	6455	7.2
	105	6475	7.24
	109	6495	7.27
	113	6515	7.34
802.11be EHT40	99	6445	9.84
	107	6485	9.84
	115	6525	9.82
802.11be EHT80	103	6465	11.32
	119	6545	11.27
802.11be EHT160	111	6505	11.18

Conducted Power (Full)			
UNII-6 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	97	6435	7.18
	101	6455	7.3
	105	6475	7.31
	109	6495	7.29
	113	6515	7.17
802.11ax HE20	97	6435	7.28
	101	6455	7.23
	105	6475	7.15
	109	6495	7.21
	113	6515	7.21
802.11ax HE40	99	6445	9.75
	107	6485	9.78
	115	6525	9.25
802.11ax HE80	103	6465	10.18
	119	6545	10.3
802.11ax HE160	111	6505	11.49
802.11be EHT20	97	6435	7.21
	101	6455	7.31
	105	6475	7.34
	109	6495	7.33
	113	6515	7.26
802.11be EHT40	99	6445	9.8
	107	6485	9.66
	115	6525	9.72
802.11be EHT80	103	6465	11.28
	119	6545	11.31
802.11be EHT160	111	6505	11.32

Conducted Power (Full)					
UNII-6 Ant 0+1_LPI					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	97	6435	1.66	1.77	4.73
	101	6455	1.69	1.73	4.72
	105	6475	1.78	1.78	4.79
	109	6495	1.75	1.81	4.79
	113	6515	1.75	1.73	4.75
802.11ax HE20	97	6435	4.23	4.32	7.29
	101	6455	4.29	4.34	7.33
	105	6475	4.29	4.24	7.28
	109	6495	4.34	4.34	7.35
	113	6515	4.3	4.15	7.24
802.11ax HE40	99	6445	4.31	4.32	7.33
	107	6485	4.2	4.27	7.25
	115	6525	4.22	4.16	7.2
802.11ax HE80	103	6465	10.32	10.28	13.31
	119	6545	10.24	10.2	13.23
802.11ax HE160	111	6505	11.21	11.49	14.36
802.11be EHT20	97	6435	4.33	4.25	7.3
	101	6455	4.32	4.34	7.34
	105	6475	4.29	4.16	7.24
	109	6495	4.21	4.29	7.26
	113	6515	4.25	4.27	7.27
802.11be EHT40	99	6445	4.21	4.21	7.22
	107	6485	4.2	4.32	7.27
	115	6525	4.28	4.15	7.23
802.11be EHT80	103	6465	10.21	10.35	13.29
	119	6545	10.24	10.26	13.26
802.11be EHT160	111	6505	11.35	11.24	14.31

Conducted Power (Full)			
UNII-7 Ant 0_LPI			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	117	6535	7.27
	121	6555	7.31
	125	6575	7.35
	129	6595	7.35
	133	6615	7.19
	137	6635	7.25
	141	6655	7.19
	145	6675	7.33
	149	6695	7.21
	153	6715	7.23
	157	6735	7.23
	161	6755	7.16
	165	6775	7.33
	169	6795	7.18
	173	6815	7.19
	177	6835	7.28
	181	6855	7.31
802.11ax HE20	117	6535	7.19
	121	6555	7.35
	125	6575	7.28
	129	6595	7.15
	133	6615	7.26
	137	6635	7.31
	141	6655	7.2
	145	6675	7.28
	149	6695	7.24
	153	6715	7.23
	157	6735	7.21
	161	6755	7.19
	165	6775	7.33
	169	6795	7.22
	173	6815	7.31
	177	6835	7.21
	181	6855	7.15
802.11ax HE40	123	6565	9.75
	131	6605	9.71
	139	6645	9.65
	147	6685	9.81
	155	6725	9.7
	163	6765	9.81
	171	6805	9.78
	179	6845	9.82
	187	6885	9.8
802.11ax HE80	135	6625	11.32
	151	6705	11.17
	167	6785	11.33
	183	6865	11.25
802.11ax HE160	143	6665	11.41
	175	6825	11.32

Conducted Power (Full)			
UNII-7 Ant 0_LPI			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11be EHT20	117	6535	7.3
	121	6555	7.35
	125	6575	7.18
	129	6595	7.25
	133	6615	7.22
	137	6635	7.22
	141	6655	7.17
	145	6675	7.34
	149	6695	7.22
	153	6715	7.15
	157	6735	7.3
	161	6755	7.23
	165	6775	7.33
	169	6795	7.26
	173	6815	7.33
	177	6835	7.33
	181	6855	7.21
802.11be EHT40	123	6565	9.8
	131	6605	9.8
	139	6645	9.69
	147	6685	9.82
	155	6725	9.72
	163	6765	9.74
	171	6805	9.7
	179	6845	9.85
	187	6885	9.8
802.11be EHT80	135	6625	11.31
	151	6705	11.34
	167	6785	11.28
	183	6865	11.16
802.11be EHT160	143	6665	11.32
	175	6825	11.18

Conducted Power (Full)			
UNII-7 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	117	6535	7.31
	121	6555	7.29
	125	6575	7.21
	129	6595	7.26
	133	6615	7.16
	137	6635	7.26
	141	6655	7.19
	145	6675	7.16
	149	6695	7.29
	153	6715	7.35
	157	6735	7.17
	161	6755	7.26
	165	6775	7.15
	169	6795	7.34
	173	6815	7.28
	177	6835	7.27
	181	6855	7.25
802.11ax HE20	117	6535	7.3
	121	6555	7.31
	125	6575	7.27
	129	6595	7.18
	133	6615	7.19
	137	6635	7.18
	141	6655	7.15
	145	6675	7.32
	149	6695	7.17
	153	6715	7.32
	157	6735	7.35
	161	6755	7.17
	165	6775	7.33
	169	6795	7.25
	173	6815	7.15
	177	6835	7.19
	181	6855	7.23
802.11ax HE40	123	6565	9.7
	131	6605	9.69
	139	6645	9.82
	147	6685	9.66
	155	6725	9.66
	163	6765	9.73
	171	6805	9.84
	179	6845	9.69
	187	6885	9.79
802.11ax HE80	135	6625	11.26
	151	6705	11.19
	167	6785	11.31
	183	6865	11.21
802.11ax HE160	143	6665	11.46
	175	6825	11.28

Conducted Power (Full)			
UNII-7 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11be EHT20	117	6535	7.21
	121	6555	7.32
	125	6575	7.34
	129	6595	7.2
	133	6615	7.21
	137	6635	7.34
	141	6655	7.2
	145	6675	7.23
	149	6695	7.24
	153	6715	7.23
	157	6735	7.15
	161	6755	7.33
	165	6775	7.29
	169	6795	7.17
	173	6815	7.18
	177	6835	7.3
	181	6855	7.28
802.11be EHT40	123	6565	9.69
	131	6605	9.81
	139	6645	9.71
	147	6685	9.82
	155	6725	9.73
	163	6765	9.74
	171	6805	9.75
	179	6845	9.7
	187	6885	9.77
802.11be EHT80	135	6625	11.3
	151	6705	11.32
	167	6785	11.18
	183	6865	11.33
802.11be EHT160	143	6665	11.26
	175	6825	11.23

Conducted Power (Full)					
UNII-7 Ant 0+1_LPI					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	117	6535	1.26	1.24	4.26
	121	6555	1.26	1.16	4.22
	125	6575	1.16	1.25	4.22
	129	6595	1.18	1.26	4.23
	133	6615	1.16	1.27	4.23
	137	6635	1.27	1.23	4.26
	141	6655	1.29	1.34	4.33
	145	6675	1.21	1.23	4.23
	149	6695	1.34	1.31	4.34
	153	6715	1.2	1.18	4.2
	157	6735	1.26	1.26	4.27
	161	6755	1.15	1.3	4.24
	165	6775	1.35	1.32	4.35
	169	6795	1.34	1.17	4.27
	173	6815	1.2	1.33	4.28
	177	6835	1.27	1.18	4.24
	181	6855	1.19	1.15	4.18
802.11ax HE20	117	6535	4.3	4.3	7.31
	121	6555	4.27	4.31	7.3
	125	6575	4.24	4.25	7.26
	129	6595	4.25	4.15	7.21
	133	6615	4.2	4.19	7.21
	137	6635	4.21	4.33	7.28
	141	6655	4.29	4.23	7.27
	145	6675	4.31	4.25	7.29
	149	6695	4.32	4.17	7.26
	153	6715	4.24	4.18	7.22
	157	6735	4.16	4.15	7.17
	161	6755	4.16	4.3	7.24
	165	6775	4.2	4.29	7.26
	169	6795	4.27	4.15	7.22
	173	6815	4.18	4.18	7.19
	177	6835	4.25	4.29	7.28
	181	6855	4.23	4.2	7.23
802.11ax HE40	123	6565	7.17	7.2	10.2
	131	6605	7.33	7.3	10.33
	139	6645	7.24	7.19	10.23
	147	6685	7.28	7.32	10.31
	155	6725	7.27	7.23	10.26
	163	6765	7.34	7.15	10.26
	171	6805	7.15	7.2	10.19
	179	6845	7.17	7.34	10.27
	187	6885	7.22	7.2	10.22
802.11ax HE80	135	6625	10.28	10.2	13.25
	151	6705	10.34	10.31	13.34
	167	6785	10.31	10.2	13.27
	183	6865	10.32	10.18	13.26
802.11ax HE160	143	6665	11.28	11.49	14.4
	175	6825	11.1	11.34	14.23

Conducted Power (Full)					
UNII-7 Ant 0+1_LPI					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	117	6535	4.25	4.2	7.24
	121	6555	4.3	4.22	7.27
	125	6575	4.29	4.18	7.25
	129	6595	4.27	4.25	7.27
	133	6615	4.25	4.27	7.27
	137	6635	4.26	4.16	7.22
	141	6655	4.26	4.34	7.31
	145	6675	4.29	4.35	7.33
	149	6695	4.2	4.2	7.21
	153	6715	4.21	4.24	7.24
	157	6735	4.28	4.22	7.26
	161	6755	4.35	4.29	7.33
	165	6775	4.22	4.28	7.26
	169	6795	4.2	4.29	7.26
	173	6815	4.32	4.24	7.29
	177	6835	4.35	4.21	7.29
	181	6855	4.25	4.31	7.29
802.11be EHT40	123	6565	7.34	7.15	10.26
	131	6605	7.32	7.35	10.35
	139	6645	7.2	7.21	10.22
	147	6685	7.24	7.31	10.29
	155	6725	7.26	7.35	10.32
	163	6765	7.35	7.31	10.34
	171	6805	7.24	7.19	10.23
	179	6845	7.23	7.33	10.29
	187	6885	7.28	7.28	10.29
802.11be EHT80	135	6625	10.3	10.3	13.31
	151	6705	10.3	10.3	13.31
	167	6785	10.15	10.22	13.2
	183	6865	10.21	10.33	13.28
802.11be EHT160	143	6665	11.2	11.24	14.23
	175	6825	11.17	11.24	14.22

Conducted Power (Full)			
UNII-8 Ant 0_LPI			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	185	6875	7.25
	189	6895	7.32
	193	6915	7.25
	197	6935	7.27
	201	6955	7.28
	205	6975	7.34
	209	6995	7.17
	213	7015	7.24
	217	7035	7.24
	221	7055	7.21
	225	7075	7.28
	229	7095	7.31
	233	7115	7.26
802.11ax HE20	185	6875	7.21
	189	6895	7.28
	193	6915	7.19
	197	6935	7.15
	201	6955	7.31
	205	6975	7.25
	209	6995	7.26
	213	7015	7.31
	217	7035	7.17
	221	7055	7.34
	225	7075	7.31
	229	7095	7.22
	233	7115	7.23
802.11ax HE40	195	6925	10.34
	203	6965	10.31
	211	7005	10.18
	219	7045	10.16
	227	7085	10.27
802.11ax HE80	199	6945	11.8
	215	7025	11.71
802.11ax HE160	207	6985	11.86
802.11be EHT20	185	6875	7.16
	189	6895	7.18
	193	6915	7.35
	197	6935	7.2
	201	6955	7.33
	205	6975	7.24
	209	6995	7.25
	213	7015	7.31
	217	7035	7.26
	221	7055	7.23
	225	7075	7.27
	229	7095	7.29
	233	7115	7.31
802.11be EHT40	195	6925	10.19
	203	6965	10.18
	211	7005	10.23
	219	7045	10.15
	227	7085	10.2
802.11be EHT80	199	6945	11.82
	215	7025	11.82
802.11be EHT160	207	6985	11.68

Conducted Power (Full)			
UNII-8 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	185	6875	7.2
	189	6895	7.21
	193	6915	7.19
	197	6935	7.2
	201	6955	7.32
	205	6975	7.2
	209	6995	7.31
	213	7015	7.35
	217	7035	7.32
	221	7055	7.27
	225	7075	7.19
	229	7095	7.23
	233	7115	7.33
802.11ax HE20	185	6875	7.18
	189	6895	7.19
	193	6915	7.16
	197	6935	7.22
	201	6955	7.18
	205	6975	7.29
	209	6995	7.2
	213	7015	7.35
	217	7035	7.29
	221	7055	7.23
	225	7075	7.29
	229	7095	7.32
	233	7115	7.31
802.11ax HE40	195	6925	10.26
	203	6965	10.16
	211	7005	10.28
	219	7045	10.3
	227	7085	10.22
802.11ax HE80	199	6945	11.74
	215	7025	11.67
802.11ax HE160	207	6985	11.89
802.11be EHT20	185	6875	7.35
	189	6895	7.18
	193	6915	7.28
	197	6935	7.25
	201	6955	7.29
	205	6975	7.21
	209	6995	7.18
	213	7015	7.25
	217	7035	7.3
	221	7055	7.17
	225	7075	7.29
	229	7095	7.32
	233	7115	7.17
802.11be EHT40	195	6925	10.33
	203	6965	10.25
	211	7005	10.34
	219	7045	10.15
	227	7085	10.29
802.11be EHT80	199	6945	11.67
	215	7025	11.66
802.11be EHT160	207	6985	11.76

Conducted Power (Full)					
UNII-8 Ant 0+1_LPI					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	185	6875	1.85	1.66	4.77
	189	6895	1.75	1.77	4.77
	193	6915	1.85	1.77	4.82
	197	6935	1.78	1.73	4.77
	201	6955	1.84	1.7	4.78
	205	6975	1.76	1.75	4.77
	209	6995	1.66	1.74	4.71
	213	7015	1.67	1.77	4.73
	217	7035	1.73	1.77	4.76
	221	7055	1.81	1.82	4.83
	225	7075	1.67	1.71	4.7
	229	7095	1.67	1.78	4.74
	233	7115	1.73	1.68	4.72
802.11ax HE20	185	6875	4.2	4.33	7.28
	189	6895	4.34	4.29	7.33
	193	6915	4.18	4.23	7.22
	197	6935	4.19	4.32	7.27
	201	6955	4.3	4.28	7.3
	205	6975	4.27	4.24	7.27
	209	6995	4.15	4.32	7.25
	213	7015	4.27	4.21	7.25
	217	7035	4.31	4.35	7.34
	221	7055	4.32	4.15	7.25
	225	7075	4.21	4.17	7.2
	229	7095	4.33	4.22	7.29
	233	7115	4.16	4.35	7.27
802.11ax HE40	195	6925	7.18	7.19	10.2
	203	6965	7.17	7.3	10.25
	211	7005	7.21	7.17	10.2
	219	7045	7.2	7.21	10.22
	227	7085	7.35	7.27	10.32
802.11ax HE80	199	6945	10.26	10.26	13.27
	215	7025	10.15	10.18	13.18
802.11ax HE160	207	6985	11.74	11.84	14.88
802.11be EHT20	185	6875	4.32	4.27	7.31
	189	6895	4.33	4.33	7.34
	193	6915	4.25	4.33	7.3
	197	6935	4.29	4.34	7.33
	201	6955	4.34	4.33	7.35
	205	6975	4.27	4.31	7.3
	209	6995	4.16	4.16	7.17
	213	7015	4.33	4.26	7.31
	217	7035	4.16	4.25	7.22
	221	7055	4.29	4.3	7.31
	225	7075	4.34	4.33	7.35
	229	7095	4.25	4.2	7.24
	233	7115	4.24	4.22	7.24
802.11be EHT40	195	6925	7.17	7.24	10.22
	203	6965	7.23	7.32	10.29
	211	7005	7.24	7.3	10.28
	219	7045	7.21	7.25	10.24
	227	7085	7.23	7.23	10.24
802.11be EHT80	199	6945	10.27	10.23	13.26
	215	7025	10.26	10.17	13.23
802.11be EHT160	207	6985	11.71	11.69	14.71

Appendix F. SAR and Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:
1. SAR testing for WLAN / BT was performed on the maximum power mode.
2. The “< 0.001” means there is no SAR value or the SAR is too low to be measured.
3. Per KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.

Body SAR Test Result

System & Position						DUT Configuration		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant. Vendor	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11b	Bottom of Laptop	0	1	HB	Ant 0	100.00	1.00	16.00	15.93	1.02	0.02	0.594	0.61
	WLAN2.4G	802.11b	Keyboard Left Side of Laptop	0	1	HB	Ant 0	100.00	1.00	16.00	15.93	1.02	-0.01	0.072	0.07
	WLAN2.4G	802.11b	Bottom of Laptop	0	1	HB	Ant 1	100.00	1.00	16.00	15.89	1.03	-0.18	0.703	0.72
	WLAN2.4G	802.11b	Keyboard Right Side of Laptop	0	1	HB	Ant 1	100.00	1.00	16.00	15.89	1.03	-0.15	0.028	0.03
	WLAN2.4G	802.11b	Bottom of Laptop	0	1	HB	Ant 0+1	100.00	1.00	19.00	18.85	1.04	0.02	0.591	0.61
	WLAN2.4G	802.11b	Keyboard Left Side of Laptop	0	1	HB	Ant 0+1	100.00	1.00	19.00	18.85	1.04	-0.06	0.057	0.06
	WLAN2.4G	802.11b	Keyboard Right Side of Laptop	0	1	HB	Ant 0+1	100.00	1.00	19.00	18.85	1.04	-0.01	0.027	0.03
	WLAN2.4G	802.11b	Bottom of Laptop	0	6	HB	Ant 1	100.00	1.00	16.00	15.74	1.06	0.12	0.709	0.75
1	WLAN2.4G	802.11b	Bottom of Laptop	0	11	HB	Ant 1	100.00	1.00	16.00	15.67	1.08	0.13	0.733	0.79
	WLAN2.4G	802.11b	Bottom of Laptop	0	12	HB	Ant 1	100.00	1.00	16.00	15.66	1.08	-0.14	0.697	0.75
	WLAN2.4G	802.11b	Bottom of Laptop	0	13	HB	Ant 1	100.00	1.00	16.00	15.64	1.09	-0.14	0.679	0.74
	WLAN2.4G	802.11b	Bottom of Laptop	0	11	WNC	Ant 1	100.00	1.00	16.00	15.67	1.08	-0.12	0.685	0.74
	WLAN2.4G	802.11b	Bottom of Laptop	0	11	Speed	Ant 1	100.00	1.00	16.00	15.67	1.08	0.09	0.673	0.73
	WLAN2.4G	802.11b	Bottom of Laptop	0	11	Auden	Ant 1	100.00	1.00	16.00	15.67	1.08	-0.07	0.631	0.68
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	HB	Ant 0	100.00	1.00	13.00	12.86	1.03	-0.18	0.45	0.46
	WLAN5.3G	802.11ac VHT160	Keyboard Left Side of Laptop	0	50	HB	Ant 0	100.00	1.00	13.00	12.86	1.03	0.14	0.042	0.04
2	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	HB	Ant 1	100.00	1.00	13.00	12.94	1.01	0.04	0.817	0.83
	WLAN5.3G	802.11ac VHT160	Keyboard Right Side of Laptop	0	50	HB	Ant 1	100.00	1.00	13.00	12.94	1.01	-0.07	0.105	0.11
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	HB	Ant 0+1	100.00	1.00	16.00	15.82	1.04	0.17	0.761	0.79
	WLAN5.3G	802.11ac VHT160	Keyboard Left Side of Laptop	0	50	HB	Ant 0+1	100.00	1.00	16.00	15.82	1.04	-0.03	0.041	0.04
	WLAN5.3G	802.11ac VHT160	Keyboard Right Side of Laptop	0	50	HB	Ant 0+1	100.00	1.00	16.00	15.82	1.04	0.18	0.123	0.13
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	WNC	Ant 1	100.00	1.00	13.00	12.94	1.01	-0.07	0.797	0.80
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	Speed	Ant 1	100.00	1.00	13.00	12.94	1.01	0.11	0.758	0.77
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	Auden	Ant 1	100.00	1.00	13.00	12.94	1.01	-0.01	0.751	0.76
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	HB	Ant 1	100.00	1.00	13.00	12.94	1.01	0.07	0.81	0.82

Body SAR Test Result

System & Position						DUT Configuration		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant. Vendor	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	HB	Ant 0	100.00	1.00	13.00	12.91	1.02	-0.16	0.639	0.65
	WLAN5.6G	802.11ac VHT160	Keyboard Left Side of Laptop	0	114	HB	Ant 0	100.00	1.00	13.00	12.91	1.02	-0.16	0.04	0.04
3	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	HB	Ant 1	100.00	1.00	13.00	12.97	1.01	0.04	0.954	0.96
	WLAN5.6G	802.11ac VHT160	Keyboard Right Side of Laptop	0	114	HB	Ant 1	100.00	1.00	13.00	12.97	1.01	-0.1	0.158	0.16
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	HB	Ant 0+1	100.00	1.00	16.00	15.84	1.04	-0.1	0.901	0.94
	WLAN5.6G	802.11ac VHT160	Keyboard Left Side of Laptop	0	114	HB	Ant 0+1	100.00	1.00	16.00	15.84	1.04	-0.01	0.067	0.07
	WLAN5.6G	802.11ac VHT160	Keyboard Right Side of Laptop	0	114	HB	Ant 0+1	100.00	1.00	16.00	15.84	1.04	-0.12	0.142	0.15
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	WNC	Ant 1	100.00	1.00	13.00	12.97	1.01	-0.1	0.931	0.94
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	Speed	Ant 1	100.00	1.00	13.00	12.97	1.01	-0.07	0.909	0.92
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	Auden	Ant 1	100.00	1.00	13.00	12.97	1.01	-0.05	0.901	0.91
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	HB	Ant 1	100.00	1.00	13.00	12.97	1.01	0.01	0.946	0.96

Body SAR Test Result

System & Position						DUT Configuration		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant. Vendor	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	HB	Ant 0	100.00	1.00	12.50	12.47	1.01	0.1	0.758	0.77
	WLAN5.8G	802.11ac VHT80	Keyboard Left Side of Laptop	0	155	HB	Ant 0	100.00	1.00	12.50	12.47	1.01	0.07	0.04	0.04
5	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	HB	Ant 1	100.00	1.00	12.50	12.46	1.01	-0.08	0.958	0.97
	WLAN5.8G	802.11ac VHT80	Keyboard Right Side of Laptop	0	155	HB	Ant 1	100.00	1.00	12.50	12.46	1.01	0.16	0.123	0.12
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	HB	Ant 0+1	100.00	1.00	15.50	15.41	1.02	0.04	0.826	0.84
	WLAN5.8G	802.11ac VHT80	Keyboard Left Side of Laptop	0	155	HB	Ant 0+1	100.00	1.00	15.50	15.41	1.02	0.01	0.043	0.04
	WLAN5.8G	802.11ac VHT80	Keyboard Right Side of Laptop	0	155	HB	Ant 0+1	100.00	1.00	15.50	15.41	1.02	-0.18	0.114	0.12
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	WNC	Ant 1	100.00	1.00	12.50	12.46	1.01	0.05	0.941	0.95
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	Speed	Ant 1	100.00	1.00	12.50	12.46	1.01	-0.05	0.899	0.91
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	Auden	Ant 1	100.00	1.00	12.50	12.46	1.01	0.02	0.891	0.90
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	HB	Ant 1	100.00	1.00	12.50	12.46	1.01	0.04	0.939	0.95
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	HB	Ant 0	100.00	1.00	12.50	12.45	1.01	0.16	0.49	0.49
	WLAN5.9G	802.11ac VHT160	Keyboard Left Side of Laptop	0	163	HB	Ant 0	100.00	1.00	12.50	12.45	1.01	0.05	0.045	0.05
6	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	HB	Ant 1	100.00	1.00	12.50	12.41	1.02	0.15	0.813	0.83
	WLAN5.9G	802.11ac VHT160	Keyboard Right Side of Laptop	0	163	HB	Ant 1	100.00	1.00	12.50	12.41	1.02	-0.18	0.089	0.09
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	HB	Ant 0+1	100.00	1.00	15.50	15.41	1.02	0.05	0.36	0.37
	WLAN5.9G	802.11ac VHT160	Keyboard Left Side of Laptop	0	163	HB	Ant 0+1	100.00	1.00	15.50	15.41	1.02	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Keyboard Right Side of Laptop	0	163	HB	Ant 0+1	100.00	1.00	15.50	15.41	1.02	-0.09	0.049	0.05
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	WNC	Ant 1	100.00	1.00	12.50	12.41	1.02	0.13	0.798	0.81
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	Speed	Ant 1	100.00	1.00	12.50	12.41	1.02	0.03	0.755	0.77
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	Auden	Ant 1	100.00	1.00	12.50	12.41	1.02	-0.16	0.726	0.74
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	HB	Ant 1	100.00	1.00	12.50	12.41	1.02	0.12	0.809	0.83
7	BT	BDR	Bottom of Laptop	0	0	HB	Ant 1	77.48	1.29	11.50	10.43	1.28	-0.03	0.177	0.29
	BT	BDR	Keyboard Right Side of Laptop	0	0	HB	Ant 1	77.48	1.29	11.50	10.43	1.28	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	39	HB	Ant 1	77.48	1.29	11.50	9.77	1.49	0.07	0.147	0.28
	BT	BDR	Bottom of Laptop	0	78	HB	Ant 1	77.48	1.29	11.50	9.82	1.47	-0.04	0.142	0.27
	BT	BDR	Bottom of Laptop	0	0	WNC	Ant 1	77.48	1.29	11.50	10.43	1.28	0.09	0.156	0.26
	BT	BDR	Bottom of Laptop	0	0	Speed	Ant 1	77.48	1.29	11.50	10.43	1.28	0.14	0.169	0.28
	BT	BDR	Bottom of Laptop	0	0	Auden	Ant 1	77.48	1.29	11.50	10.43	1.28	0.11	0.171	0.28

SAR and Power Density Test Result

System & Position						DUT Configuration			SAR											Power Density								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant. Vendor	Ant Status	Power Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	SAR-1g (W/kg)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	Measured APD W/m^2 (4cm^2)	Scaled APD W/m^2 (4cm^2)	Grid Step [λ]	iPD [W/m2]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm2]	Power Drift [dB]	Normal psPD [W/m2]	Scaled Normal psPD [W/m2]	Total psPD [W/m2]	Scaled Total psPD [W/m2]
	UNII-8	802.11ax HE160	Bottom of Laptop	0	207	HB	Ant 0	SP	100.00	1.00	12.00	11.86	1.03	0.02	0.493	0.493	0.51	3.39	3.49									
	UNII-8	802.11ax HE160	Keyboard Left Side of Laptop	0	207	HB	Ant 0	SP	100.00	1.00	12.00	11.86	1.03	-0.05	0.033	0.033	0.03	0.196	0.2									
	UNII-8	802.11ax HE160	Bottom of Laptop	0	207	HB	Ant 1	SP	100.00	1.00	12.00	11.89	1.03	-0.17	0.52	0.52	0.54	3.64	3.75									
	UNII-8	802.11ax HE160	Keyboard Right Side of Laptop	0	207	HB	Ant 1	SP	100.00	1.00	12.00	11.89	1.03	0.18	0.051	0.051	0.05	0.465	0.48									
	UNII-8	802.11ax HE160	Bottom of Laptop	0	207	HB	Ant 0+1	SP	100.00	1.00	15.00	14.88	1.03	-0.14	0.315	0.315	0.32	0.226	0.23									
	UNII-8	802.11ax HE160	Keyboard Left Side of Laptop	0	207	HB	Ant 0+1	SP	100.00	1.00	15.00	14.88	1.03	0	0.001	<0.001	0.00	0	0									
	UNII-8	802.11ax HE160	Keyboard Right Side of Laptop	0	207	HB	Ant 0+1	SP	100.00	1.00	15.00	14.88	1.03	0.06	0.035	0.035	0.04	0.232	0.24									
8	UNII-5	802.11ax HE160	Bottom of Laptop	0	15	HB	Ant 1	SP	100.00	1.00	11.50	11.49	1.00	0.17	0.684	0.684	0.68	4.86	4.86	0.0502	2.07	1.545	4.00	-0.14	2.60	4.02	3.05	4.71
	UNII-5	802.11ax HE160	Bottom of Laptop	0	47	HB	Ant 1	SP	100.00	1.00	11.50	11.35	1.04	-0.08	0.496	0.496	0.52	3.42	3.56									
	UNII-5	802.11ax HE160	Bottom of Laptop	0	79	HB	Ant 1	SP	100.00	1.00	11.50	11.31	1.04	0.14	0.539	0.539	0.56	3.76	3.91	0.0529	1.71	1.545	4.00	0.05	1.61	2.49	2.55	4.1
	UNII-6	802.11ax HE160	Bottom of Laptop	0	111	HB	Ant 1	SP	100.00	1.00	11.50	11.49	1.00	-0.05	0.534	0.534	0.53	3.73	3.73									
	UNII-7	802.11ax HE160	Bottom of Laptop	0	143	HB	Ant 1	SP	100.00	1.00	11.50	11.46	1.01	-0.17	0.406	0.406	0.41	2.84	2.87									
	UNII-7	802.11ax HE160	Bottom of Laptop	0	175	HB	Ant 1	SP	100.00	1.00	11.50	11.28	1.05	0.12	0.436	0.436	0.46	2.91	3.06									
	UNII-5	802.11ax HE160	Bottom of Laptop	0	15	WNC	Ant 1	SP	100.00	1.00	11.50	11.49	1.00	0.01	0.645	0.645	0.65	4.49	4.49	0.0502	1.97	1.545	4.00	0.05	1.93	2.98	2.73	4.22
	UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Speed	Ant 1	SP	100.00	1.00	11.50	11.49	1.00	-0.11	0.622	0.622	0.62	4.24	4.24	0.0502	1.88	1.545	4.00	-0.02	1.86	2.87	2.78	4.3
	UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Auden	Ant 1	SP	100.00	1.00	11.50	11.49	1.00	0.09	0.656	0.656	0.66	4.76	4.76	0.0502	2.01	1.545	4.00	-0.17	1.97	3.04	2.8	4.33
	UNII-5	802.11ax HE160	Bottom of Laptop	0	15	HB	Ant 1	LPI	100.00	1.00	11.50	11.40	1.02	0.01	0.641	0.641	0.65	4.32	4.41	0.0502	1.97	1.545	4.00	-.01	1.92	2.97	2.72	4.29
																-												

Appendix G. SAR Measurement Variability

SAR repeated measurement are shown as below.

Repeated SAR							
Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
R02	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	50	0.817	0.81	1.01
R03	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	114	0.954	0.946	1.01
R05	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	155	0.958	0.939	1.02
R06	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	163	0.813	0.809	1.00

Appendix H. Analysis of Simultaneous Transmission SAR and Total Exposure Ratio

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Body Exposure Condition
A	WLAN 5G(2TX) + BT + RFID	Yes
B	WLAN 6G(2TX) + BT + RFID	Yes
C	WLAN 2.4G(1TX) + WLAN 5G(1TX) + RFID	Yes
D	WLAN 2.4G(1TX) + WLAN 6G(1TX) + RFID	Yes

Notes

1. The WLAN 2.4G and BT cannot transmit simultaneously.

Simultaneous Transmission SAR Evaluation (Body)																	
Position	2a	2b	2c	3d FCC	3e FCC	3f FCC	4a	4b	4c	5	6	A (3f+5+6)	B (4c+5+6)	C (2a+3e+6)	C (2b+3d+6)	D (2a+4b+6)	D (2b+4a+6)
	WLAN 2.4GHz Ant 0	**WLAN 2.4GHz Ant 1**	**WLAN 2.4GHz Ant 0+1**	**Max WLAN 5GHz Ant 0**	**Max WLAN 5GHz Ant 1**	**Max WLAN 5GHz Ant 0+1**	**Max WLAN 6GHz Ant 0**	**Max WLAN 6GHz Ant 1**	**Max WLAN 6GHz Ant 0+1**	**Max BT Ant 1**	**Max RFID**	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
	1g SAR W/kg	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**	**1g SAR W/kg**						
Bottom of Laptop	0.61	0.79	0.61	0.77	0.97	0.94	0.51	0.68	0.32	0.29	0.000	1.23	0.61	1.58	1.56	1.29	1.300
Keyboard Left Side of Laptop	0.07	0.00	0.06	0.05	0.16	0.07	0.03	0.00	0.00	0.00	0.000	0.07	0.000	0.23	0.05	0.070	0.030
Keyboard Right Side of Laptop	0.00	0.03	0.03	0.00	0.00	0.15	0.00	0.05	0.04	0.00	0.000	0.15	0.040	0.00	0.03	0.050	0.030
Keyboard Front Face of Laptop											0.041	0.04	0.041	0.04	0.04	0.041	0.041
Keyboard Edge Side of Laptop											0.000	0.00	0.000	0.00	0.00	0.000	0.000

Total Exposure Ratio							
Position	2a	2b	4g (iPD)	5	6	B (4g+5+6)	D (2+4g+6)
	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	Max WLAN 6GHz	Max BT Ant 1	Max RFID	Total Exposure Ratio	Total Exposure Ratio
	1g SAR W/kg	1g SAR W/kg	4cm^2 W/m^2	1g SAR W/kg	1g SAR W/kg		
Bottom of Laptop	0.61	0.79	4.71	0.29	0.000	0.652	0.965
Keyboard Left Side of Laptop	0.07	0.00	0.00	0.00	0.000	0.000	0.000
Keyboard Right Side of Laptop	0.00	0.03	0.00	0.00	0.000	0.000	0.019
Keyboard Front Face of Laptop					0.041	0.026	0.026
Keyboard Edge Side of Laptop					0.000	0.000	0.000

Appendix J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test					
Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D2450V2	737	Feb. 19, 2024	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Feb. 13, 2024	1 Year
System Validation Dipole	SPEAG	D6.5GHzV2	1008	Sep. 09, 2024	1 Year
System Verification Source	SPEAG	5G Verification Source 10 GHz	1025	Jan. 18, 2024	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7736	Feb. 01, 2024	1 Year
E-Field Probe	SPEAG	EUmmWV4	9438	Jul. 19, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1585	May 16, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1590	Aug. 15, 2024	1 Year
Analong Signal Generator	R&S	SMA100B	104417	Oct. 20, 2024	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	Jun. 26, 2024	1 Year
Thermometer	YFE	YF-160A	130504579	Sep. 24, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1092	May 23, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	May 22, 2024	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4260	Nov. 11, 2024	1 Year

Appendix K. Considerations Related to Bluetooth for Setup and Testing

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

The Bluetooth call box has been used during SAR measurement and the EUT was set to DH5 mode at the maximum output power. Its duty factor was calculated as below and the measured SAR for Bluetooth would be scaled to the 100% transmission duty factor to determine compliance.

The duty factor of Bluetooth signal are shown as below.

<Time-domain plot for Bluetooth transmission signal>

Time-domain plot for Bluetooth transmission signal

The duty factor of Bluetooth signal has been calculated as following.
Duty Factor = Pulse Width / Total Period = (12.96 - 10.07) / (13.8 - 10.07) = 77.48%

Appendix Z. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.

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 B.V. ADT
Taoyuan City

Certificate No. D2450V2-737_Feb24

CALIBRATION CERTIFICATE

Object: D2450V2 - SN:737

Calibration procedure(s): QA CAL-05.v12
Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date: February 19, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
Power sensor NRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
Type-N mismatch combination	SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24
Reference Probe EX3DV4	SN: 7349	03-Nov-23 (No. EX3-7349_Nov23)	Nov-24
DAE4	SN: 601	30-Jan-24 (No. DAE4-601_Jan24)	Jan-25

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by:	Krešimir Franjić	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	

Issued: February 19, 2024

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The source is mounted in a touch configuration below the center marking of the flat phantom.
- *Return Loss:* This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The 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%.

Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.5 ± 6 %	1.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.5 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**52.9 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.26 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.7 W/kg ± 16.5 % (k=2)**

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.2 Ω + 5.2 jΩ
Return Loss	- 23.8 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.161 ns

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

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

DASY5 Validation Report for Head TSL

Date: 19.02.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:737

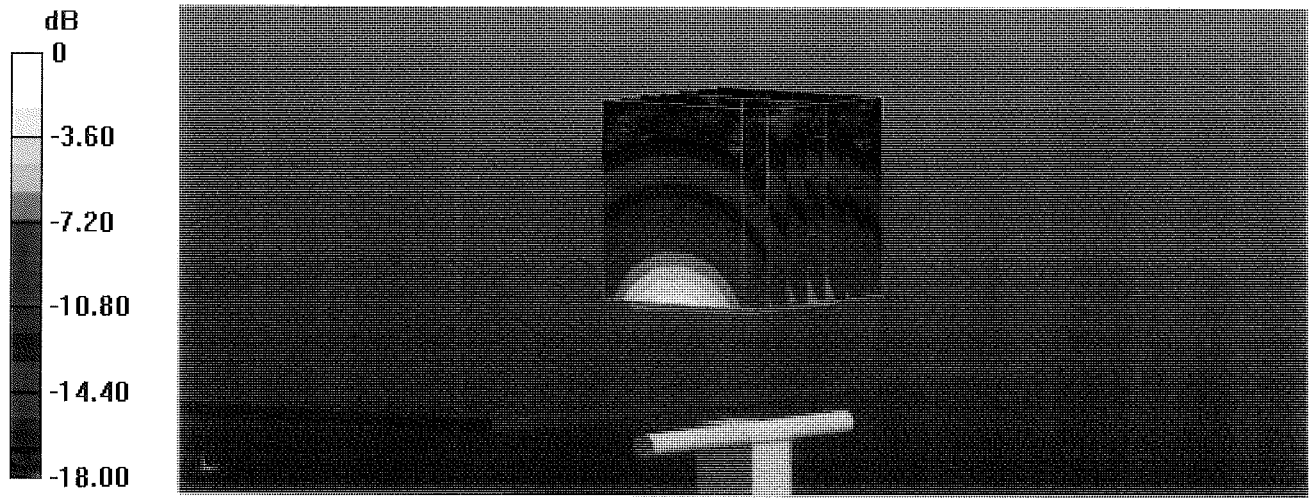
Communication System: UID 0 - CW; Frequency: 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 1.87 S/m; ε_r = 38.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 MHz; Calibrated: 03.11.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.01.2024
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

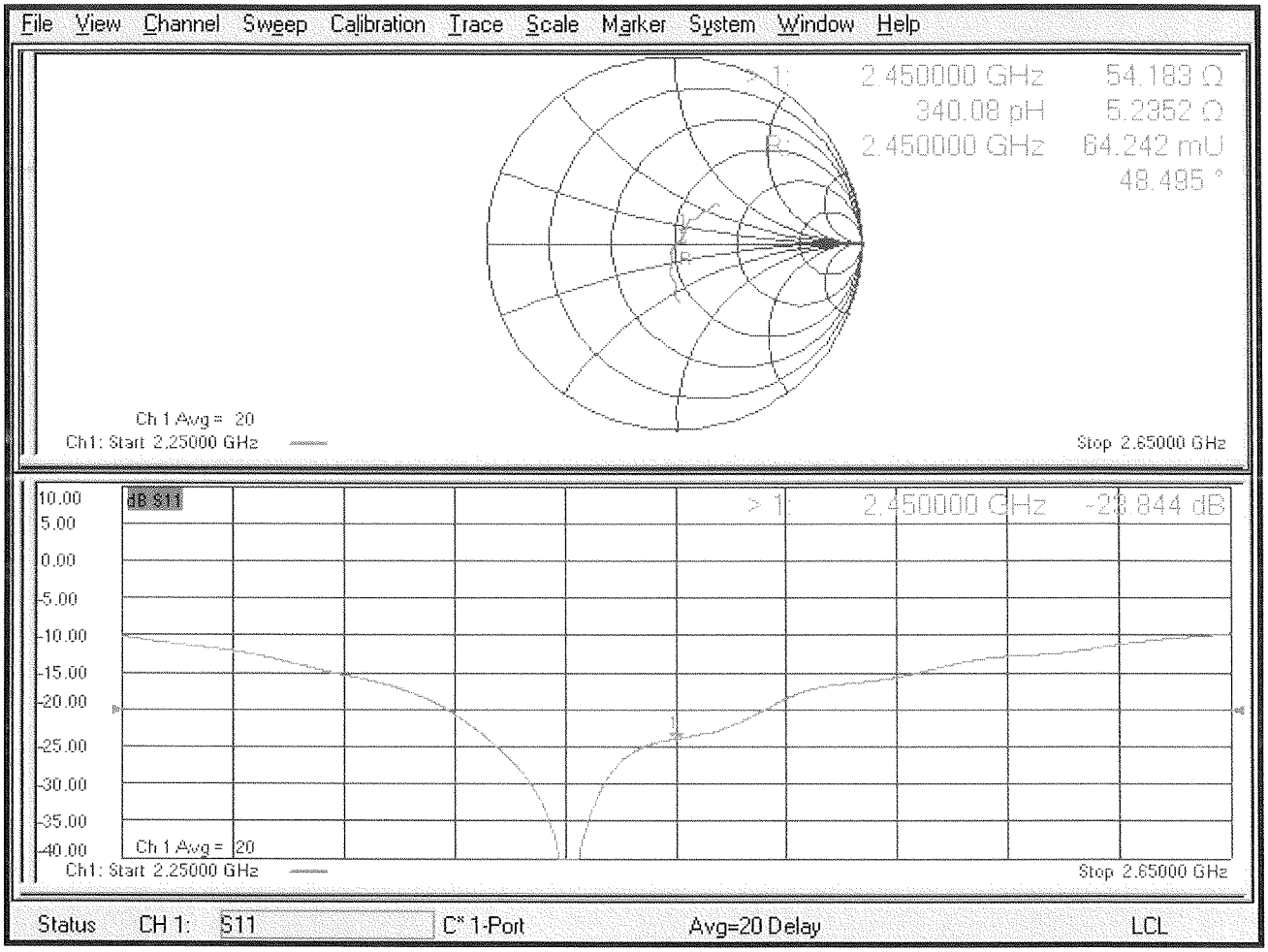
Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 117.0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 27.0 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.26 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.9%
Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 21.6 W/kg = 13.34 dBW/kg

Impedance Measurement Plot for Head TSL



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)
Accreditation No.: SCS 0108

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

Client B.V. ADT
Taoyuan City

Certificate No. D5GHzV2-1019_Feb24

CALIBRATION CERTIFICATE

Object: D5GHzV2 - SN:1019

Calibration procedure(s): QA CAL-22.v7
Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date: February 13, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
Power sensor NRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
Type-N mismatch combination	SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24
Reference Probe EX3DV4	SN: 3503	07-Mar-23 (No. EX3-3503_Mar23)	Mar-24
DAE4	SN: 601	30-Jan-24 (No. DAE4-601_Jan24)	Jan-25

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by:	Paulo Pina	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	

Issued: February 16, 2024

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The source is mounted in a touch configuration below the center marking of the flat phantom.
- *Return Loss:* This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The 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%.

Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5800 MHz ± 1 MHz	

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.0 ± 6 %	4.53 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.03 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**80.2 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.30 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.0 W/kg ± 19.5 % (k=2)**

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.3 ± 6 %	4.89 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.31 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**82.9 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.37 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.6 W/kg ± 19.5 % (k=2)**

Head TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.3	5.27 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.1 ± 6 %	5.12 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL at 5800 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.05 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**80.3 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.28 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.7 W/kg ± 19.5 % (k=2)**

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	52.1 Ω - 3.6 jΩ
Return Loss	- 27.8 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	56.8 Ω - 0.4 jΩ
Return Loss	- 23.9 dB

Antenna Parameters with Head TSL at 5800 MHz

Impedance, transformed to feed point	57.4 Ω + 5.9 jΩ
Return Loss	- 21.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.203 ns

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

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

DASY5 Validation Report for Head TSL

Date: 13.02.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1019

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5800 MHz
Medium parameters used: f = 5250 MHz; σ = 4.53 S/m; ε_r = 36; ρ = 1000 kg/m^3
Medium parameters used: f = 5600 MHz; σ = 4.89 S/m; ε_r = 35.3; ρ = 1000 kg/m^3
Medium parameters used: f = 5800 MHz; σ = 5.12 S/m; ε_r = 35.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

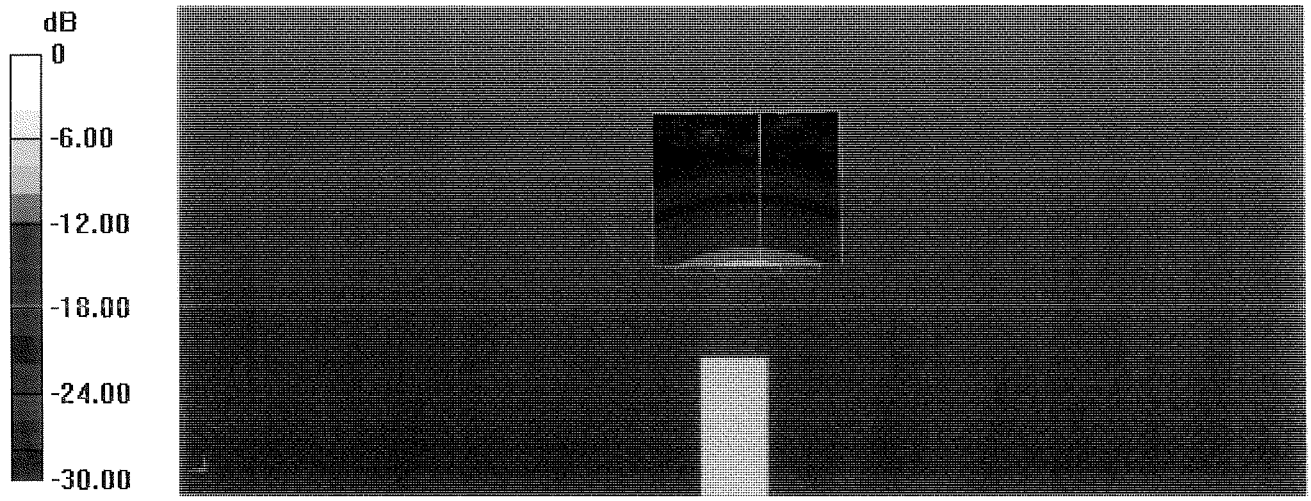
DASY52 Configuration:

- Probe: EX3DV4 - SN3503; ConvF(5.5, 5.5, 5.5) @ 5250 MHz, ConvF(5.1, 5.1, 5.1) @ 5600 MHz, ConvF(5.01, 5.01, 5.01) @ 5800 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.01.2024
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5250 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 71.48 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.30 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 70.4%
Maximum value of SAR (measured) = 18.2 W/kg

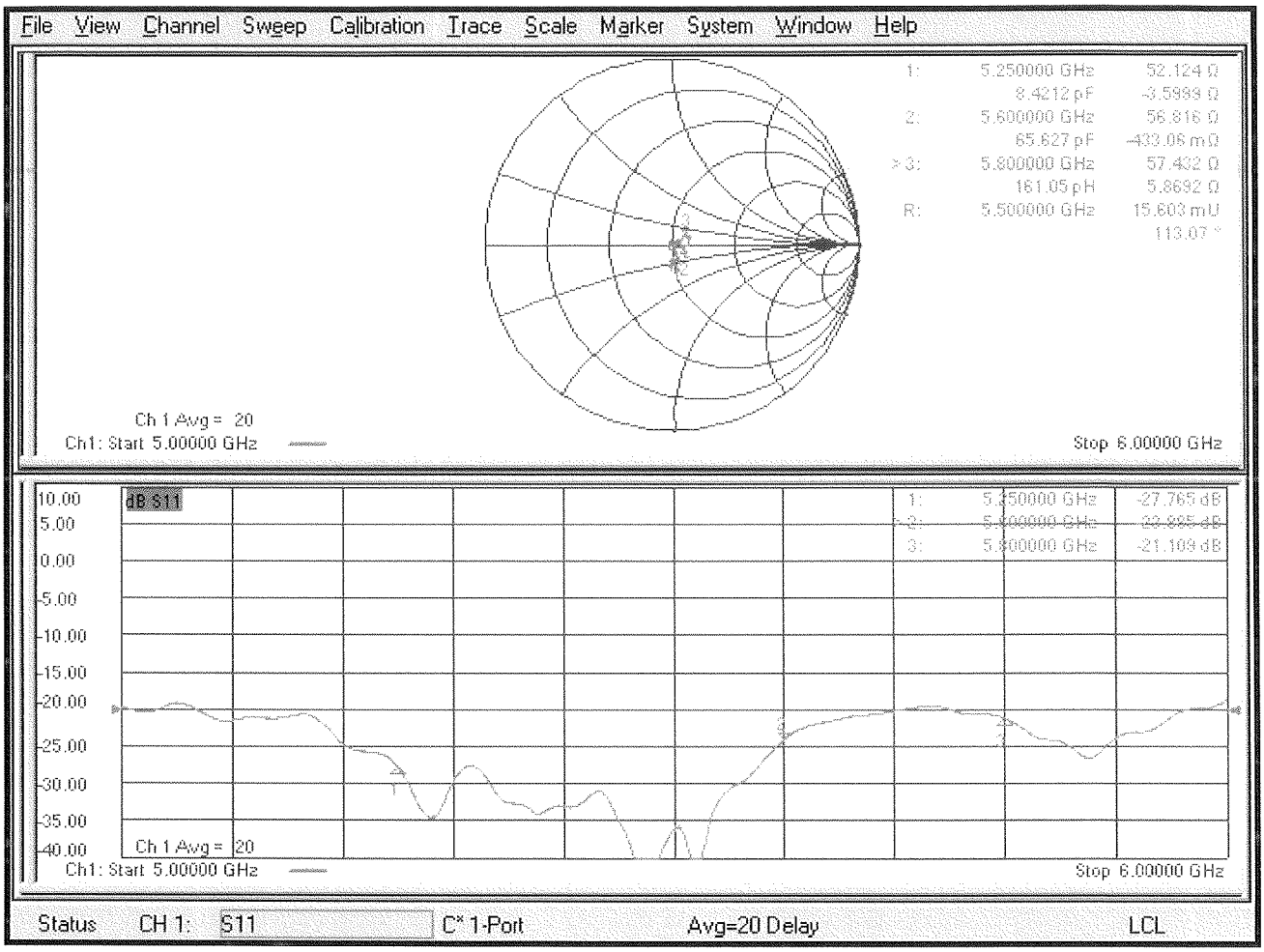
Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.93 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 31.0 W/kg
SAR(1 g) = 8.31 W/kg; SAR(10 g) = 2.37 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 19.7 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5800 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 68.71 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 31.9 W/kg
SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.28 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 65.5%
Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.7 W/kg = 12.93 dBW/kg

Impedance Measurement Plot for Head TSL



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Accreditation No.: SCS 0108

Client **B.V. ADT**
Taoyuan City

Certificate No. D6.5GHzV2-1008_Sep24

CALIBRATION CERTIFICATE

Object D6.5GHzV2 - SN:1008

Calibration procedure(s) QA CAL-22.v7
Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date: September 09, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power sensor R&S NRP33T	SN: 100967	28-Mar-24 (No. 217-04038)	Mar-25
Reference 20 dB Attenuator	SN: BH9394 (20k)	26-Mar-24 (No. 217-04046)	Mar-25
Mismatch combination	SN: 84224 / 360D	28-Mar-24 (No. 217-04050)	Mar-25
Reference Probe EX3DV4	SN: 7405	01-Jul-24 (No. EX3-7405_Jul24)	Jul-25
DAE4	SN: 908	27-Mar-24 (No. DAE4-908_Mar24)	Mar-25

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
RF generator Anapico APSIN20G	SN: 827	18-Dec-18 (in house check Jan-24)	In house check: Jan-25
Power sensor NRP-Z23	SN: 100169	10-Jan-19 (in house check Jan-24)	In house check: Jan-25
Power sensor NRP-18T	SN: 100950	28-Sep-22 (in house check Jan-24)	In house check: Jan-25
Network Analyzer Keysight E5063A	SN:MY54504221	31-Oct-19 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by:	Jeffrey Katzman	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	

Issued: September 17, 2024

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

b) DASY System Handbook

Methods Applied and Interpretation of Parameters:

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

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

Measurement Conditions

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

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

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	34.5	6.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.1 ± 6 %	6.34 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	30.2 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**303 W/kg ± 24.7 % (k=2)**

SAR averaged over 8 cm^3 (8 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.77 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**68.0 W/kg ± 24.4 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	100 mW input power	5.55 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**55.7 W/kg ± 24.4 % (k=2)**

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.8 Ω - 7.6 jΩ
Return Loss	- 22.3 dB

APD (Absorbed Power Density)

APD averaged over 1 cm²	Condition	
APD measured	100 mW input power	302 W/m²
APD measured	normalized to 1W	**3020 W/m² ± 29.2 % (k=2)**

APD averaged over 4 cm²	condition	
APD measured	100 mW input power	135 W/m²
APD measured	normalized to 1W	**1350 W/m² ± 28.9 % (k=2)**

*The reported APD values have been derived using the psSAR1g and psSAR8g.

General Antenna Parameters and Design

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

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

DASY6 Validation Report for Head TSL

Measurement Report for D6.5GHz-1008, UID 0 -, Channel 6500 (6500.0MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D6.5GHz	16.0 x 6.0 x 300.0	SN: 1008	-

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Cond. [S/m]	TSL Permittivity
Flat, HSL	5.00	Band	CW,	6500	5.14	6.34	35.1

Hardware Setup

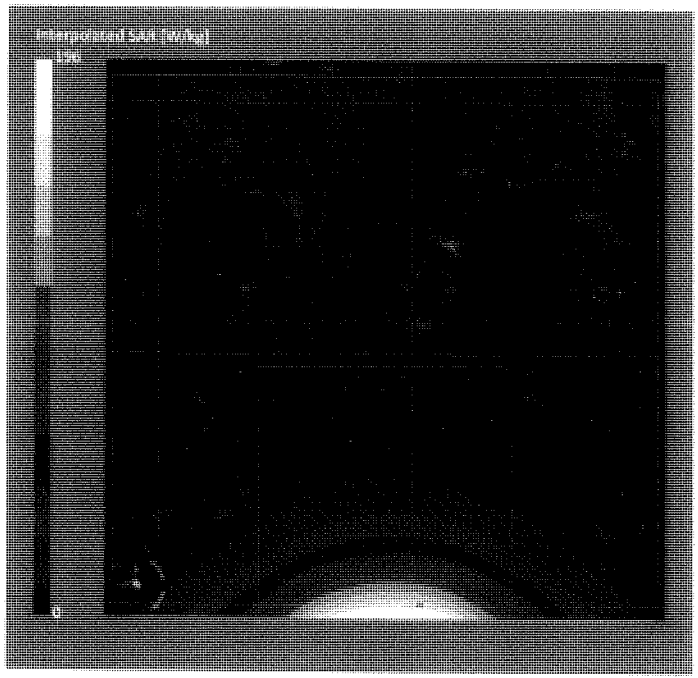
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center - 1182	HBBL600-10000V6	EX3DV4 - SN7405, 2024-07-01	DAE4 Sn908, 2024-03-27

Scan Setup

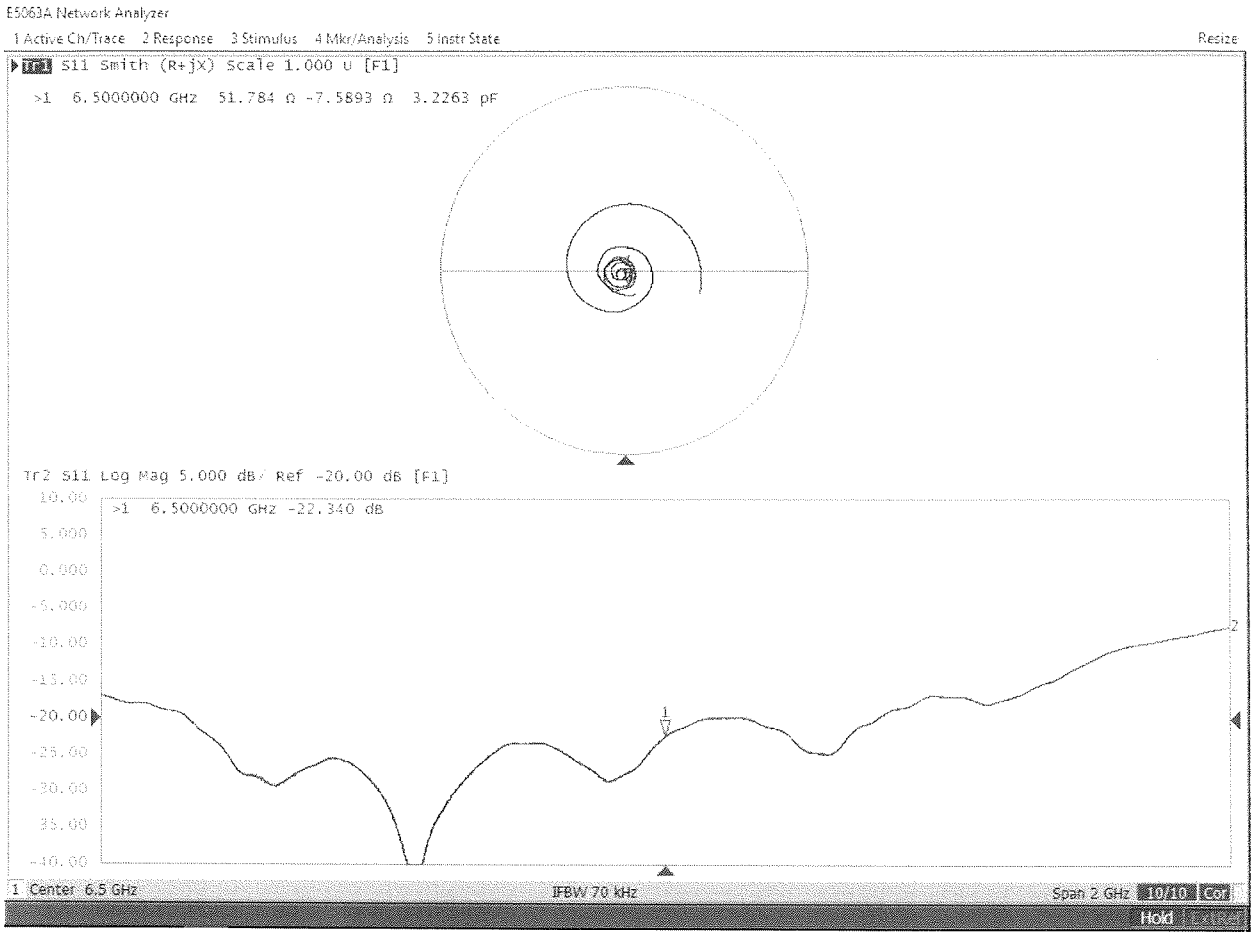
	Zoom Scan
Grid Extents [mm]	22.0 x 22.0 x 22.0
Grid Steps [mm]	3.4 x 3.4 x 1.4
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.4
MAIA	N/A
Surface Detection	VMS + 6p
Scan Method	Measured

Measurement Results

	Zoom Scan
Date	2024-09-09, 13:48
psSAR1g [W/Kg]	30.2
psSAR8g [W/Kg]	6.77
psSAR10g [W/Kg]	5.55
Power Drift [dB]	0.02
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	No correction
M2/M1 [%]	50.4
Dist 3dB Peak [mm]	4.6



Impedance Measurement Plot for Head TSL



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Accreditation No.: SCS 0108

Client **B.V. ADT**
Taoyuan City

Certificate No. 5G-Veri10-1025_Jan24

CALIBRATION CERTIFICATE

Object	5G Verification Source 10 GHz - SN: 1025
Calibration procedure(s)	QA CAL-45.v4 Calibration procedure for sources in air above 6 GHz
Calibration date:	January 18, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Reference Probe EUmmWV3	SN: 9374	04-Dec-23 (No. EUmm-9374_Dec23)	Dec-24
DAE4	SN: 1215	29-Jun-23 (No. DAE4-1215_Jun23)	Jun-24

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
RF generator R&S SMF100A	SN: 100184	29-Nov-23 (in house check Nov-23)	In house check: Nov-24
Power sensor R&S NRP18S-10	SN: 101258	29-Nov-23 (in house check Nov-23)	In house check: Nov-24
Network Analyzer Keysight E5063A	SN: MY54504221	31-Oct-19 (in house check Oct-22)	In house check: Oct-25

	Name	Function	Signature
Calibrated by:	Joanna Lleshaj	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	

Issued: January 19, 2024

CW Continuous wave

Calibration is Performed According to the Following Standards

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

Methods Applied and Interpretation of Parameters

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

Calibrated Quantity

- Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m^2) averaged over the surface area of 1 cm^2 and 4cm^2 at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

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

Measurement Conditions

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

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

Calibration Parameters, 10 GHz

Circular Averaging

Distance Horn Aperture to Measured Plane	***Prad*[1] *(mW)***	**Max E-field (V/m)**	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m²)		Uncertainty (k = 2)
				1 cm²	4 cm²	
10 mm	93.3	**153**	1.27 dB	**60.4**	**56.2**	1.28 dB

Distance Horn Aperture to Measured Plane	***Prad*[1] *(mW)***	**Max E-field (V/m)**	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m²)		Uncertainty (k = 2)
				1 cm²	4 cm²	
10 mm	93.3	**153**	1.27 dB	**60.2, 60.4, 60.6**	**55.9, 56.2, 56.4**	1.28 dB

Square Averaging

Distance Horn Aperture to Measured Plane	***Prad*[1] *(mW)***	**Max E-field (V/m)**	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m²)		Uncertainty (k = 2)
				1 cm²	4 cm²	
10 mm	93.3	**153**	1.27 dB	**60.4**	**56.0**	1.28 dB

Distance Horn Aperture to Measured Plane	***Prad*[1] *(mW)***	**Max E-field (V/m)**	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m²)		Uncertainty (k = 2)
				1 cm²	4 cm²	
10 mm	93.3	**153**	1.27 dB	**60.2, 60.4, 60.6**	**55.7, 56.0, 56.3**	1.28 dB

Max Power Density

Distance Horn Aperture to Measured Plane	***Prad*[1] *(mW)***	**Max E-field (V/m)**	Uncertainty (k = 2)	Max Power Density Sn, Stot, |Stot| (W/m²)	Uncertainty (k = 2)
10 mm	93.3	**153**	1.27 dB	**61.9, 61.9, 62.1**	1.28 dB

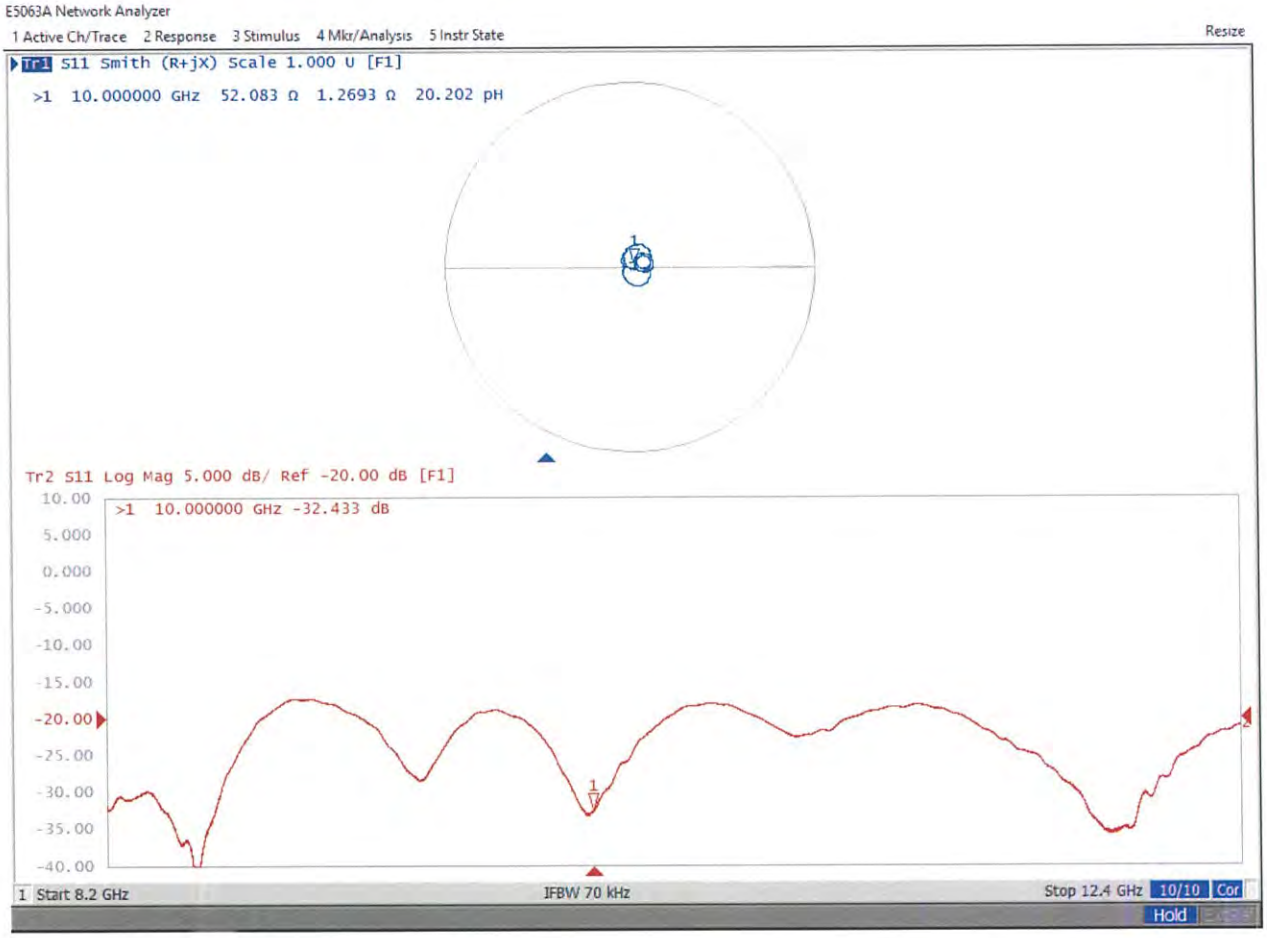
[1] Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	52.0 Ω + 1.2 jΩ
Return Loss	- 32.4 dB

Impedance Measurement Plot



DASY Report

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

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
5G Verification Source 10 GHz	100.0 x 100.0 x 172.0	SN: 1025	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0

Hardware Setup

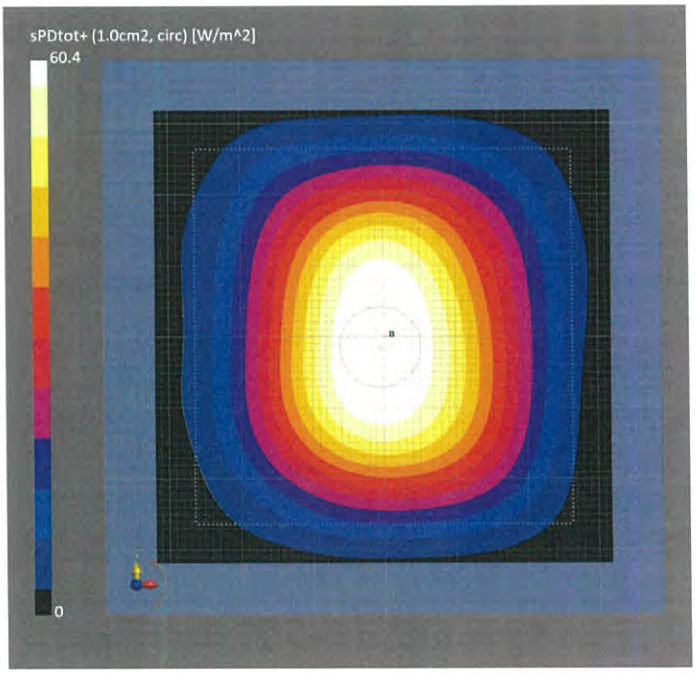
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	Air	EUmmWV3 - SN9374_F1-55GHz, 2023-12-04	DAE4 Sn1215, 2023-06-29

Scan Setup

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

Measurement Results

	5G Scan
Date	2024-01-18, 12:50
Avg. Area [cm²]	1.00
Avg. Type	Circular Averaging
psPDn+ [W/m²]	60.2
psPDtot+ [W/m²]	60.4
psPDmod+ [W/m²]	60.6
Max(Sn) [W/m²]	61.9
Max(Stot) [W/m²]	61.9
Max(|Stot|) [W/m²]	62.1
E_{max} [V/m]	153
Power Drift [dB]	-0.04



DASY Report

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

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
5G Verification Source 10 GHz	100.0 x 100.0 x 172.0	SN: 1025	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0

Hardware Setup

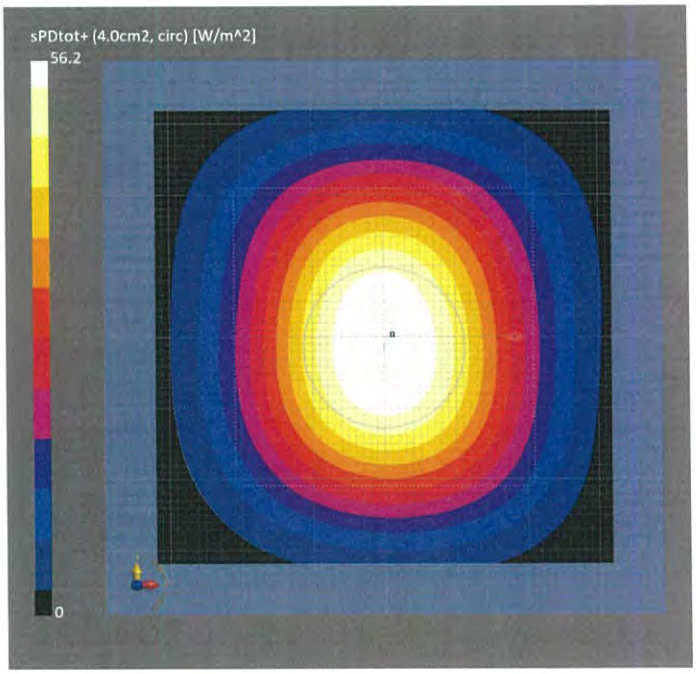
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	Air	EUmmWV3 - SN9374_F1-55GHz, 2023-12-04	DAE4 Sn1215, 2023-06-29

Scan Setup

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

Measurement Results

	5G Scan
Date	2024-01-18, 12:50
Avg. Area [cm²]	4.00
Avg. Type	Circular Averaging
psPDn+ [W/m²]	55.9
psPDtot+ [W/m²]	56.2
psPDmod+ [W/m²]	56.4
Max(Sn) [W/m²]	61.9
Max(Stot) [W/m²]	61.9
Max(|Stot|) [W/m²]	62.1
E_{max} [V/m]	153
Power Drift [dB]	-0.04



DASY Report

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

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
5G Verification Source 10 GHz	100.0 x 100.0 x 172.0	SN: 1025	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0

Hardware Setup

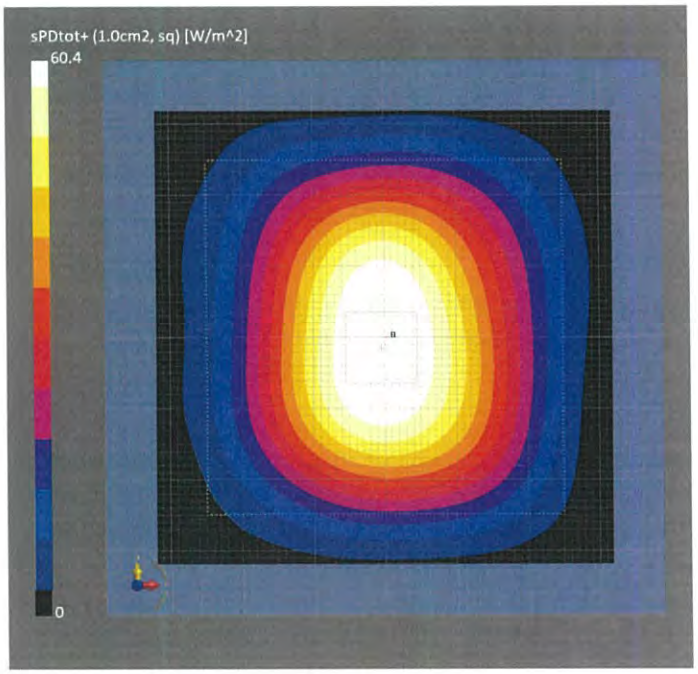
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	Air	EUmmWV3 - SN9374_F1-55GHz, 2023-12-04	DAE4 Sn1215, 2023-06-29

Scan Setup

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

Measurement Results

	5G Scan
Date	2024-01-18, 12:50
Avg. Area [cm²]	1.00
Avg. Type	Square Averaging
psPDn+ [W/m²]	60.2
psPDtot+ [W/m²]	60.4
psPDmod+ [W/m²]	60.6
Max(Sn) [W/m²]	61.9
Max(Stot) [W/m²]	61.9
Max(|Stot|) [W/m²]	62.1
E_{max} [V/m]	153
Power Drift [dB]	-0.04



DASY Report

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

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
5G Verification Source 10 GHz	100.0 x 100.0 x 172.0	SN: 1025	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0

Hardware Setup

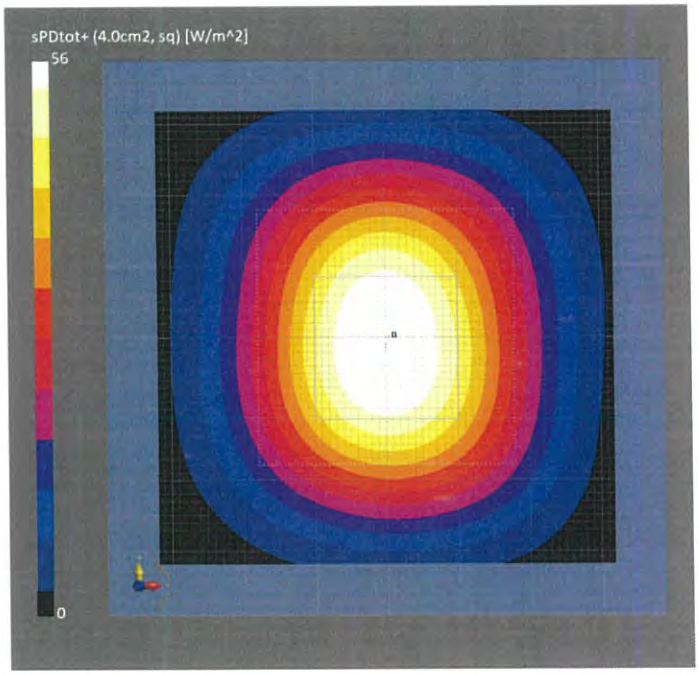
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	Air	EUmmWV3 - SN9374_F1-55GHz, 2023-12-04	DAE4 Sn1215, 2023-06-29

Scan Setup

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

Measurement Results

	5G Scan
Date	2024-01-18, 12:50
Avg. Area [cm²]	4.00
Avg. Type	Square Averaging
psPDn+ [W/m²]	55.7
psPDtot+ [W/m²]	56.0
psPDmod+ [W/m²]	56.3
Max(Sn) [W/m²]	61.9
Max(Stot) [W/m²]	61.9
Max(|Stot|) [W/m²]	62.1
E_{max} [V/m]	153
Power Drift [dB]	-0.04



Calibration Laboratory of
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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	**B.V. ADT** Taoyuan City	Certificate No.	**EX-7736_Feb24**

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7736
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	February 01, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe EX3DV4	SN: 7349	03-Nov-23 (No. EX3-7349_Nov23)	Nov-24

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

	Name	Function	Signature
Calibrated by	Jeton Kastrati	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	

Issued: February 01, 2024

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

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Accreditation No.: SCS 0108

Glossary

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- *NORMx,y,z*: Assessed for E-field polarization $\vartheta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E^2-field uncertainty inside TSL (see below *ConvF*).
- *NORM(f)x,y,z = NORMx,y,z * frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- *DCPx,y,z*: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- *PAR*: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- *Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D* are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- *ConvF and Boundary Effect Parameters*: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \leq 800$ 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 *NORMx,y,z * ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- *Spherical isotropy (3D deviation from isotropy)*: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset*: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle*: The angle is assessed using the information gained by determining the *NORMx* (no uncertainty required).

Parameters of Probe: EX3DV4 - SN:7736

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc ($k = 2$)
Norm ($\mu V/(V/m)^2$) [A]	0.47	0.47	0.47	±10.1%
DCP (mV) [B]	106.3	103.9	105.0	±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	144.4	±1.4%	±4.7%
		Y	0.00	0.00	1.00		127.6		
		Z	0.00	0.00	1.00		142.5		
10352	Pulse Waveform (200Hz, 10%)	X	1.36	60.00	5.92	10.00	60.0	±3.0%	±9.6%
		Y	1.60	61.31	7.13		60.0		
		Z	1.37	60.00	5.91		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.82	60.00	4.80	6.99	80.0	±2.6%	±9.6%
		Y	0.77	60.00	5.30		80.0		
		Z	0.81	60.00	4.74		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.13	141.95	0.05	3.98	95.0	±2.9%	±9.6%
		Y	0.00	119.29	0.79		95.0		
		Z	0.04	130.28	0.14		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	5.20	72.38	0.59	2.22	120.0	±1.9%	±9.6%
		Y	2.97	159.97	0.71		120.0		
		Z	5.59	160.00	13.53		120.0		
10387	QPSK Waveform, 1 MHz	X	0.79	71.23	17.00	1.00	150.0	±4.0%	±9.6%
		Y	0.46	62.34	11.14		150.0		
		Z	0.66	66.43	13.81		150.0		
10388	QPSK Waveform, 10 MHz	X	1.74	70.73	16.59	0.00	150.0	±0.9%	±9.6%
		Y	1.22	64.78	13.21		150.0		
		Z	1.47	67.32	14.70		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.76	65.73	17.07	3.01	150.0	±1.2%	±9.6%
		Y	1.57	63.49	15.39		150.0		
		Z	1.62	63.99	15.78		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.01	67.78	16.10	0.00	150.0	±2.3%	±9.6%
		Y	2.70	65.63	14.76		150.0		
		Z	2.92	66.84	15.47		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.96	67.03	15.97	0.00	150.0	±3.8%	±9.6%
		Y	3.85	66.09	15.33		150.0		
		Z	3.90	66.37	15.54		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.
[E] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Parameters of Probe: EX3DV4 - SN:7736

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	9.3	67.58	33.71	4.34	0.00	4.90	0.48	0.00	1.00
y	10.0	73.66	34.82	2.52	0.00	4.98	0.18	0.04	1.00
z	9.8	71.92	34.16	3.69	0.00	4.90	0.39	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-40.3°
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.

Parameters of Probe: EX3DV4 - SN:7736

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz)[C]	Relative Permittivity[F]	Conductivity[F] (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha[G]	Depth[G] (mm)	Unc ($k = 2$)
750	41.9	0.89	8.34	9.42	8.80	0.39	1.27	±12.0%
835	41.5	0.90	8.36	9.09	8.77	0.39	1.27	±12.0%
1450	40.5	1.20	7.40	8.34	8.02	0.50	1.27	±12.0%
1750	40.1	1.37	7.24	8.18	7.82	0.28	1.27	±12.0%
1900	40.0	1.40	6.94	7.82	7.55	0.29	1.27	±12.0%
2000	40.0	1.40	6.91	7.74	7.48	0.30	1.27	±12.0%
2300	39.5	1.67	6.79	7.58	7.34	0.31	1.27	±12.0%
2450	39.2	1.80	6.71	7.47	7.25	0.31	1.27	±12.0%
2600	39.0	1.96	6.65	7.40	7.18	0.30	1.27	±12.0%
3300	38.2	2.71	6.42	7.13	6.91	0.36	1.27	±14.0%
3500	37.9	2.91	6.32	7.02	6.79	0.36	1.27	±14.0%
3700	37.7	3.12	6.26	6.97	6.72	0.37	1.27	±14.0%
3900	37.5	3.32	6.17	6.86	6.62	0.38	1.27	±14.0%
4100	37.2	3.53	6.06	6.71	6.48	0.38	1.27	±14.0%
4200	37.1	3.63	6.00	6.65	6.40	0.38	1.27	±14.0%
4400	36.9	3.84	5.93	6.55	6.32	0.38	1.27	±14.0%
4600	36.7	4.04	5.86	6.47	6.24	0.38	1.27	±14.0%
4800	36.4	4.25	5.79	6.41	6.18	0.38	1.27	±14.0%
4950	36.3	4.40	5.50	6.03	5.85	0.46	1.36	±14.0%
5250	35.9	4.71	5.16	5.63	5.42	0.38	1.62	±14.0%
5600	35.5	5.07	4.49	4.85	4.71	0.42	1.75	±14.0%
5800	35.3	5.27	4.31	4.81	4.60	0.43	1.86	±14.0%

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

[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 better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

[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.

Parameters of Probe: EX3DV4 - SN:7736

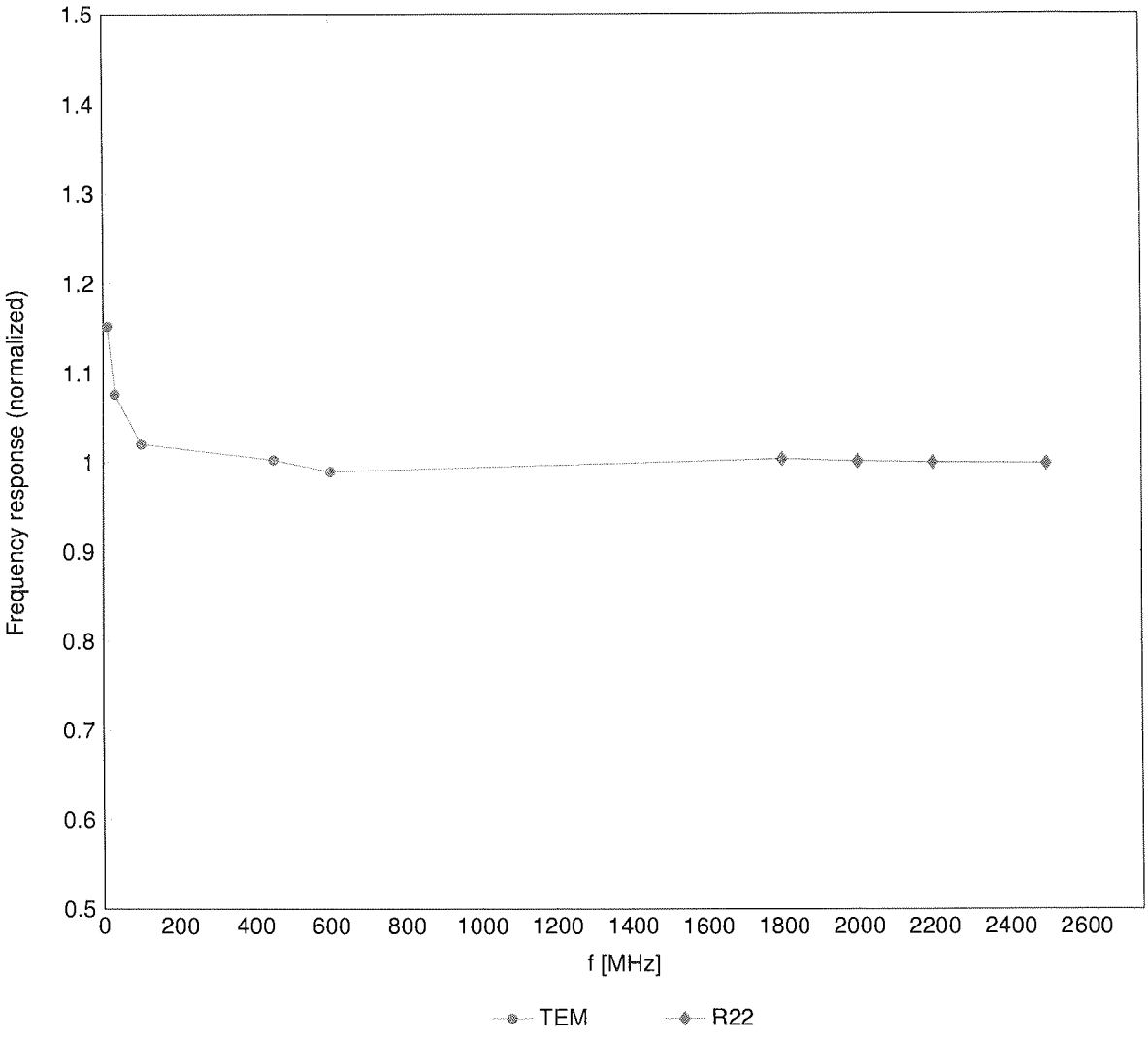
Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz)[C]	Relative Permittivity[F]	Conductivity[F] (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha[G]	Depth[G] (mm)	Unc ($k = 2$)
6500	34.5	6.07	4.99	5.45	5.32	0.20	2.00	±18.6%

[C] Frequency validity at 6.5 GHz is −600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the 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.

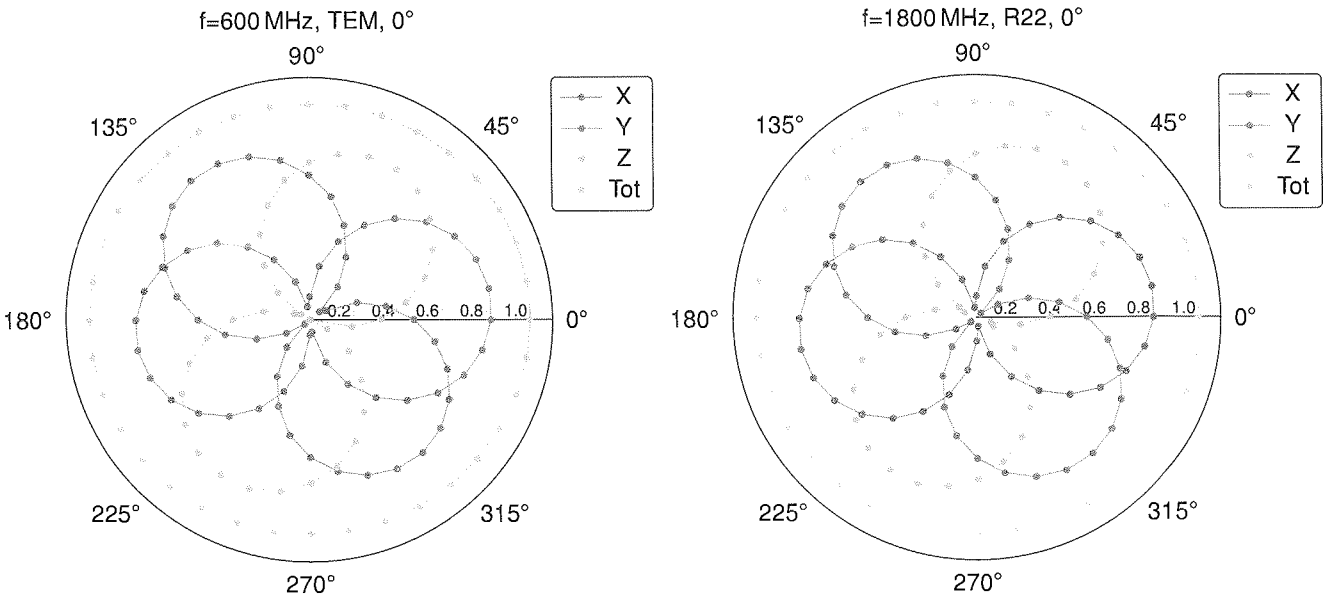
Frequency Response of E-Field

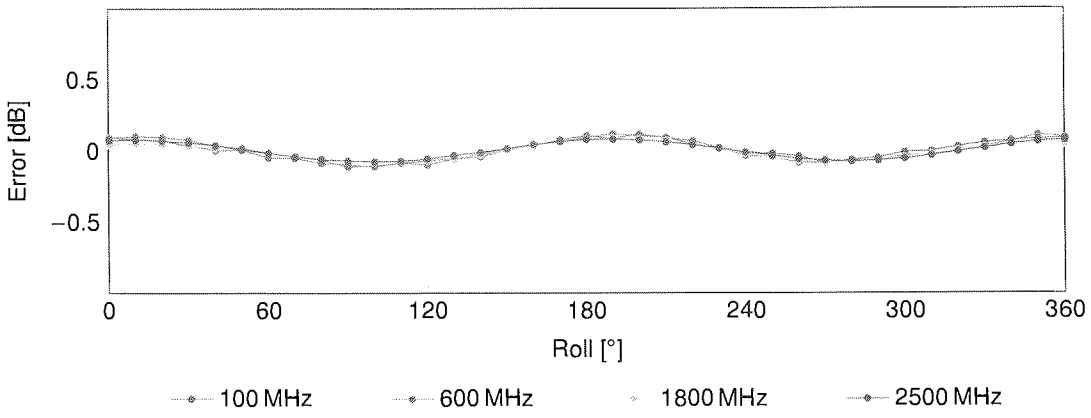
(TEM-Cell:ifi110 EXX, Waveguide:R22)



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

Receiving Pattern (ϕ), $\vartheta = 0°$

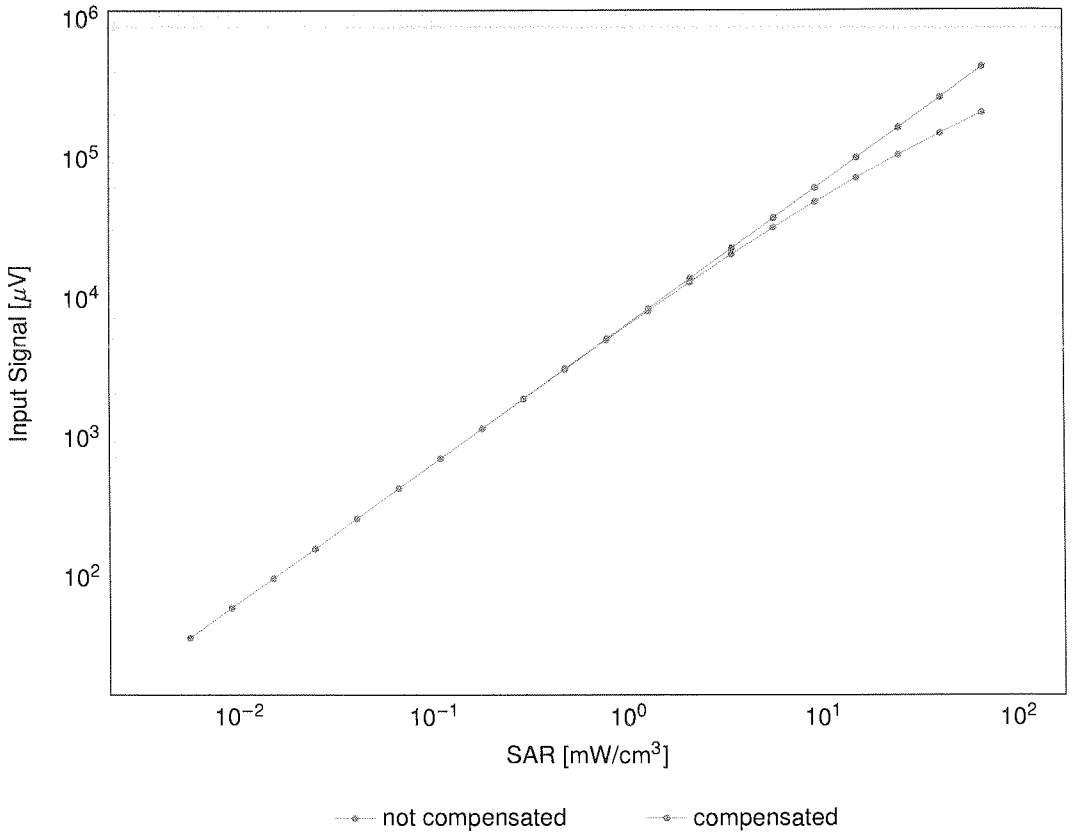


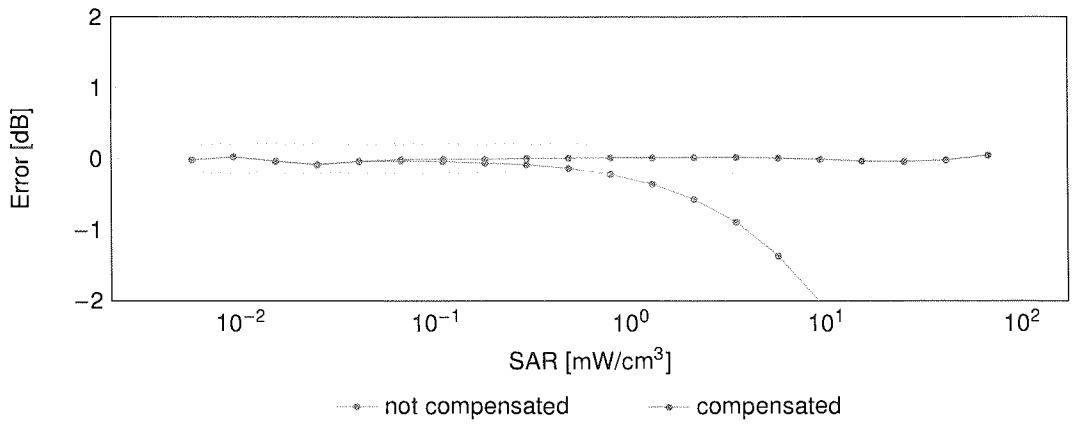


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

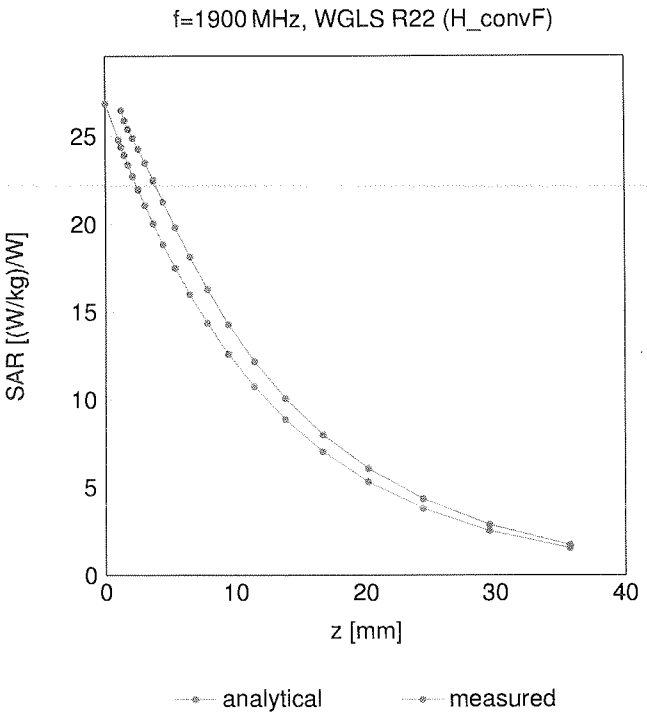
(TEM cell, f_{eval} = 1900 MHz)





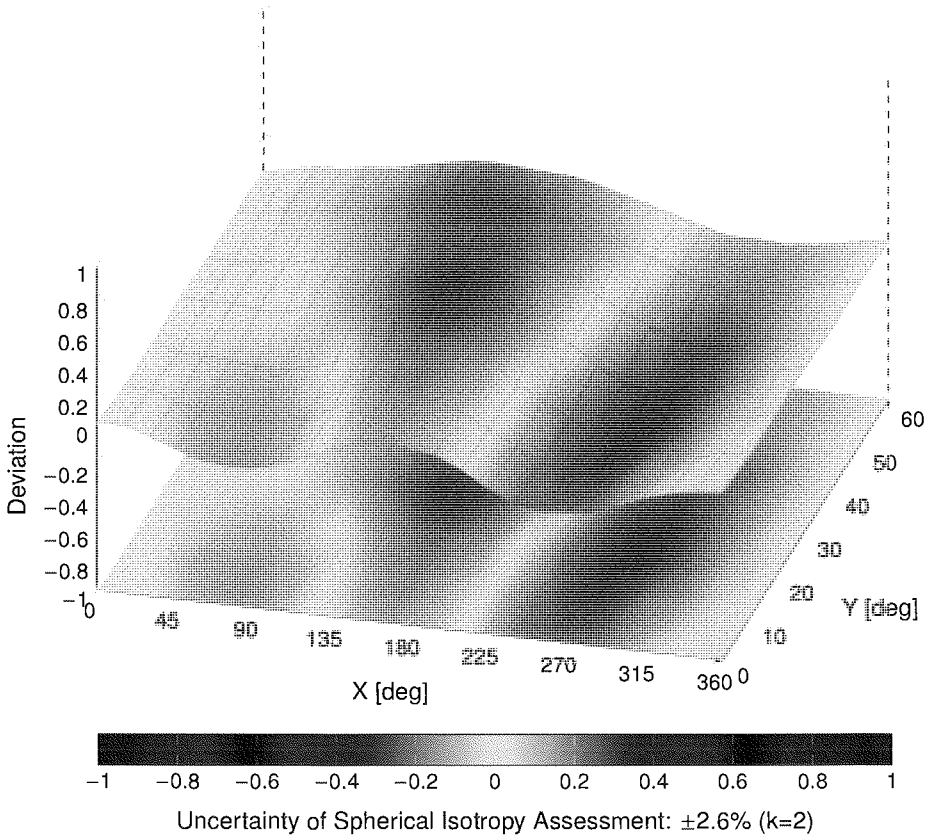
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ,θ), f = 900 MHz



Uncertainty of Spherical Isotropy Assessment: ±2.6% (k=2)

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	9.57	±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	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (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

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	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±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, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±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	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-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	5.79	±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	6.56	±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, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±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, 6.5 Mbps, BPSK)	WLAN	8.09	±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, 65 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	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 65 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, 43.3 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, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

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10225	CAC	UMTS-FDD (HSPA+)	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	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	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	9.90	±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	10.06	±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 Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	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	6.60	±9.6
10301	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WiMAX (29:18, 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 (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±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 (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	iDEN 1:3	iDEN	10.51	±9.6
10314	AAA	iDEN 1:6	iDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 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/h 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 preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 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	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±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

UID	Rev	Communication System Name	Group	PAR (dB)	Unc^E $k=2$
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	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	8.32	±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	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
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	8.60	±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	8.54	±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	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL 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	8.36	±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/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h 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	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±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, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc[E] $k = 2$
10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc^E $k=2$
10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

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10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	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	AAD	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	AAF	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	AAF	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	AAC	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	AAC	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	AAF	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	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	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	AAD	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	8.39	±9.6
10789	AAF	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	AAG	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	AAD	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	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc^E $k = 2$
10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	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	7.66	±9.6
10837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	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, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 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	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±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	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±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	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	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	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±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	5.68	±9.6
10904	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	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	5.68	±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	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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	±9.6
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc[E] $k = 2$
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	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
11003	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	8.68	±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.

Calibration Laboratory of
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Accreditation No.: SCS 0108

Client	**B.V. ADT** **Taoyuan City**	Certificate No.	**EUmm-9438_Jul24**

CALIBRATION CERTIFICATE

Object	EUmmWV4 - SN:9438
Calibration procedure(s)	QA CAL-02.v9, QA CAL-25.v8, QA CAL-42.v3 Calibration procedure for E-field probes optimized for close near field evaluations in air
Calibration date	July 19, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power sensor NRP33T	SN: 100967	28-Mar-24 (No. 217-04038)	Mar-25
Power sensor NRP110T	SN: 101244	04-Apr-24 (No. 0001A300740056)	Apr-25
Spectrum analyzer FSV40	SN: 101832	25-Jan-24 (No. 4030-315007551)	Jan-25
Harmonic mixer FS-Z75	SN: 101566	11-Apr-24 (No. 0001A300750054)	Apr-25
Marmonic mixer FS-Z110	SN: 101633	05-Apr-24 (No. 0001A300740055)	Apr-25
Ref. Probe EUmmWV3	SN: 9374	04-Dec-23 (No. EUmm-9374_Dec23)	Dec-24
DAE4ip	SN: 1662	08-Nov-23 (No. DAE4ip-1662_Nov23)	Nov-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Generator APSIN26G	SN: 2023	30-Nov-21 (in house check Jun-24)	In house check: Jun-25
Power sensor NRP40T	SN: 101439	08-Nov-21 (in house check Jun-24)	In house check: Jun-25
Power sensor NRP110T	SN: 101226	15-Nov-21 (in house check Jun-24)	In house check: Jun-25

	Name	Function	Signature
Calibrated by	Joanna Lleshaj	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	i.A.

Issued: July 19, 2024

Glossary

NORMx,y	sensitivity in free space
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
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., $\vartheta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system
Sensor Angles	sensor deviation from the probe axis, used to calculate the field orientation and polarization
$\vec{k}$	is the wave propagation direction

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- *NORMx,y*: Assessed for E-field polarization $\vartheta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- *DCPx,y*: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
  Note: As the field is measured with a diode detector sensor, it is warrantied that the probe response is linear (E^2) below the documented lowest calibrated value.
- *PAR*: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R_p, inductance L and capacitors C, C_p).
- *Ax,y; Bx,y; Cx,y; Dx,y; VRx,y: A, B, C, D* are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- *Sensor Offset*: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle*: The angle is assessed using the information gained by determining the *NORMx* (no uncertainty required).
- *Equivalent Sensor Angle*: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the *NORMx* (no uncertainty required).
- *Spherical isotropy (3D deviation from isotropy)*: in a locally homogeneous field realized using an open waveguide / horn setup.

Parameters of Probe: EUmmWV4 - SN:9438

Basic Calibration Parameters

	Sensor X	Sensor Y	Unc ($k = 2$)
Norm ($\mu V/(V/m)^2$)	0.01988	0.02034	±10.1%
DCP (mV) [B]	107.0	105.0	±4.7%
Equivalent Sensor Angle	-61.8	34.7	

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

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc ($k = 2$) dB
0.75	77.2	−0.29	−0.28	±0.43
1.8	140.4	−0.02	−0.03	±0.43
2.0	133.0	0.12	0.15	±0.43
2.2	124.8	−0.06	−0.05	±0.43
2.5	123.0	0.08	0.12	±0.43
3.5	256.2	−0.14	−0.21	±0.43
3.7	249.8	−0.00	−0.10	±0.43
6.6	74.7	−0.09	−0.47	±0.98
8.0	67.2	−0.06	−0.18	±0.98
10.0	66.2	−0.01	0.06	±0.98
15.0	51.2	0.16	0.19	±0.98
26.6	112.6	0.18	0.19	±0.98
30.0	121.9	0.01	−0.00	±0.98
35.0	121.3	−0.14	−0.16	±0.98
40.0	102.3	−0.23	−0.24	±0.98
50.0	61.5	0.07	−0.03	±0.98
55.0	75.9	−0.05	−0.06	±0.98
60.0	80.5	0.01	0.03	±0.98
65.0	77.1	0.20	0.18	±0.98
70.0	74.3	0.16	0.10	±0.98
75.0	74.8	−0.05	−0.09	±0.98
75.0	96.6	−0.06	−0.08	±0.98
80.0	95.4	−0.18	−0.15	±0.98
85.0	58.0	−0.07	−0.08	±0.98
90.0	84.0	0.02	0.02	±0.98
92.0	83.9	0.03	0.03	±0.98
95.0	76.2	−0.02	−0.03	±0.98
97.0	69.1	0.01	−0.02	±0.98
100.0	66.9	0.09	0.09	±0.98
105.0	67.2	−0.28	−0.22	±0.98
110.0	78.1	0.17	0.10	±0.98

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

[B] Linearization parameter uncertainty for maximum specified field strength.

Parameters of Probe: EUmmWV4 - SN:9438

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	133.2	±2.7%	±4.7%
		Y	0.00	0.00	1.00		61.3		
10352	Pulse Waveform (200Hz, 10%)	X	2.98	60.00	14.72	10.00	6.0	±1.1%	±9.6%
		Y	2.77	60.00	15.32		6.0		
10353	Pulse Waveform (200Hz, 20%)	X	2.21	60.67	13.80	6.99	12.0	±1.4%	±9.6%
		Y	1.87	60.00	14.35		12.0		
10354	Pulse Waveform (200Hz, 40%)	X	1.45	61.79	13.03	3.98	23.0	±1.6%	±9.6%
		Y	1.12	60.00	13.22		23.0		
10355	Pulse Waveform (200Hz, 60%)	X	0.72	60.00	11.69	2.22	27.0	±1.3%	±9.6%
		Y	0.76	60.00	12.23		27.0		
10387	QPSK Waveform, 1 MHz	X	1.18	60.00	12.45	1.00	22.0	±1.4%	±9.6%
		Y	1.27	60.00	12.16		22.0		
10388	QPSK Waveform, 10 MHz	X	1.23	60.00	12.24	0.00	22.0	±0.8%	±9.6%
		Y	1.42	60.00	11.94		22.0		
10396	64-QAM Waveform, 100 kHz	X	3.93	67.88	17.04	3.01	17.0	±0.6%	±9.6%
		Y	4.05	66.99	16.51		17.0		
10399	64-QAM Waveform, 40 MHz	X	2.04	60.00	12.62	0.00	19.0	±1.0%	±9.6%
		Y	2.15	60.00	12.52		19.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.45	60.91	13.37	0.00	12.0	±1.0%	±9.6%
		Y	3.20	60.00	12.98		12.0		

Note: For details on UID parameters see Appendix

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

Parameters of Probe: EUmmWV4 - SN:9438

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc ($k = 2$) dB
0.9	50.0	−0.04	0.12	±0.2
0.9	100.0	−0.04	0.11	±0.2
0.9	500.0	−0.00	−0.01	±0.2
0.9	1000.0	0.02	0.01	±0.2
0.9	1500.0	0.01	0.01	±0.2
0.9	2100.0	−0.01	−0.01	±0.2

Sensor Frequency Model Parameters (750 MHz – 55 GHz)

	Sensor X	Sensor Y
R (Ω)	61.63	54.92
R_p (Ω)	85.63	74.47
L (nH)	0.06122	0.05106
C (pF)	0.2615	0.3793
C_p (pF)	0.0930	0.1117

Sensor Frequency Model Parameters (55 GHz – 110 GHz)

	Sensor X	Sensor Y
R (Ω)	26.95	24.14
R_p (Ω)	115.57	96.60
L (nH)	0.05930	0.04898
C (pF)	0.0797	0.1030
C_p (pF)	0.0932	0.1077

Sensor Model Parameters

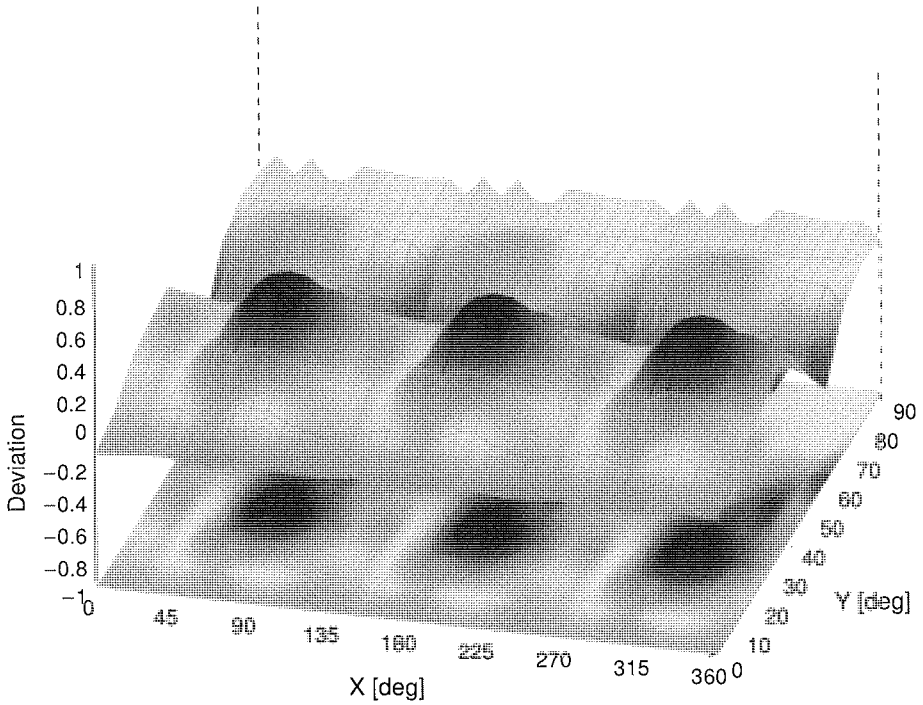
	C1 fF	C2 fF	α V^{-1}	T1 $ms\,V^{-2}$	T2 $ms\,V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	56.4	408.25	33.61	2.66	7.90	4.98	0.00	1.77	1.01
y	49.2	352.24	32.96	0.92	7.43	5.01	2.00	2.00	1.01

Other Probe Parameters

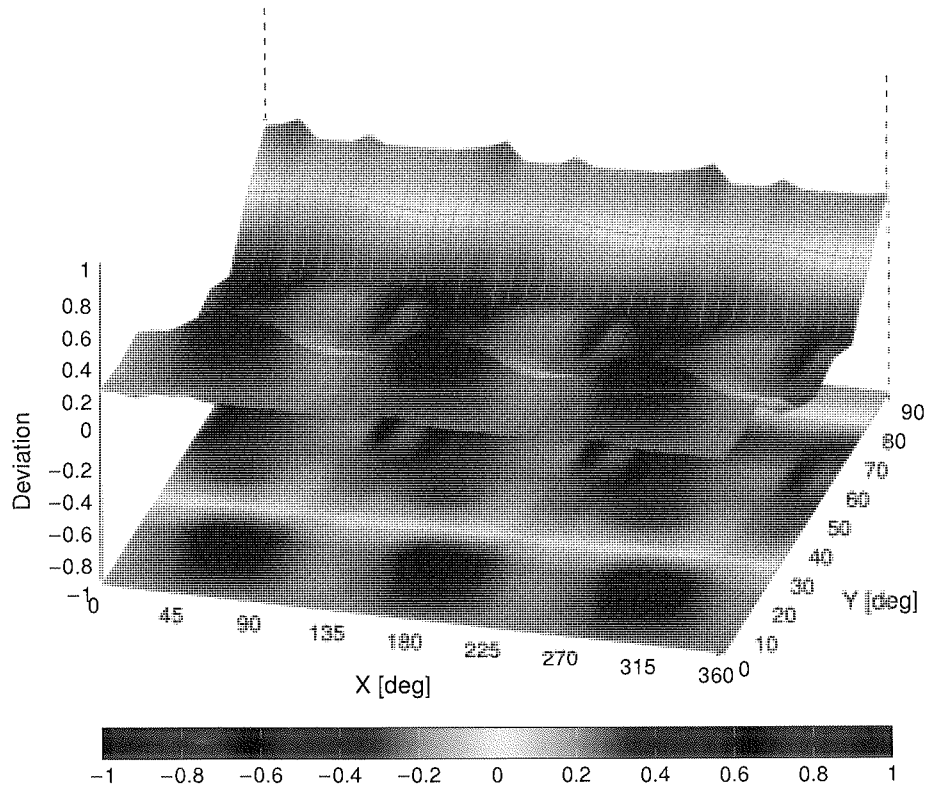
Sensor Arrangement	Rectangular
Connector Angle	-136.3°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm

Deviation from Isotropy in Air

30GHz: 3D isotropy, E-field parallel to probe axis



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



Probe isotropy for E_{tot}: probe rotated $\phi = 0°$ to 360°, tilted from field propagation direction $\vec{k}$
Parallel to the field propagation ($\psi = 0° - 90°$) at 30 GHz: deviation within ±0.43 dB
Parallel to the field propagation ($\psi = 0° - 90°$) at 60 GHz: deviation within ±0.41 dB

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	9.57	±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	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (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

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	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±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, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±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	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-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	5.79	±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	6.56	±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, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±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, 6.5 Mbps, BPSK)	WLAN	8.09	±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, 65 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	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 65 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, 43.3 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, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc^E $k=2$
10225	CAC	UMTS-FDD (HSPA+)	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	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	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	9.90	±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	10.06	±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 Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	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	6.60	±9.6
10301	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WiMAX (29:18, 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 (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±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 (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	iDEN 1:3	iDEN	10.51	±9.6
10314	AAA	iDEN 1:6	iDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 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/h 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 preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 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	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±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	8.32	±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	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
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	8.60	±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	8.54	±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	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL 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	8.36	±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/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h 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	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±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, MCS6, 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	±9.6
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc^E $k = 2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc^E $k=2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	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	AAD	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	AAF	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	AAF	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	AAC	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	AAC	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	AAF	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	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	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	AAD	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	8.39	±9.6
10789	AAF	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	AAG	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	AAD	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	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828	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	8.40	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	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	7.66	±9.6
10837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	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, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 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	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±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	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±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	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	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	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±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	5.68	±9.6
10904	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	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	5.68	±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	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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	±9.6
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc[E] $k = 2$
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	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
11003	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	8.68	±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.