

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report

S01 SystemCheck_H2450_260727

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	6.59	1.80	39.1

Hardware Setup

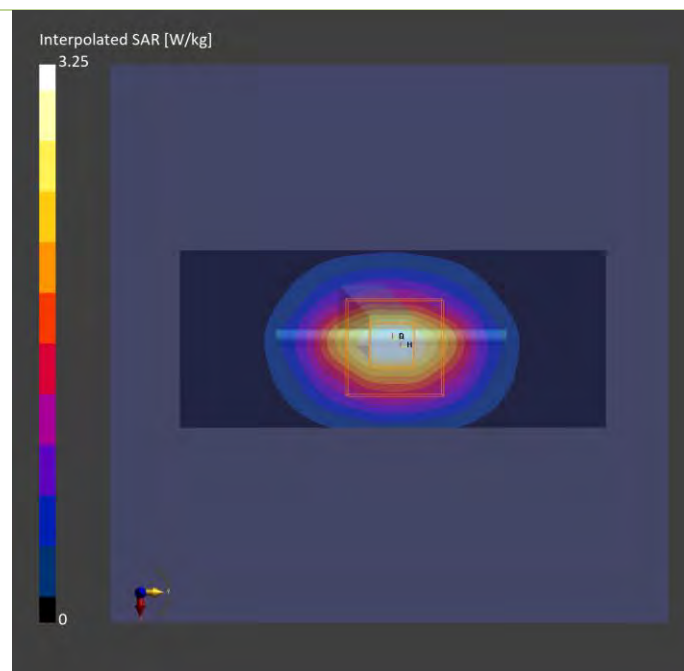
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2026-07-27	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

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	2026-07-27	2026-07-27
psSAR1g [W/kg]	2.47	2.46
psSAR10g [W/kg]	1.15	1.17
Power Drift [dB]	0.01	-0.01



Plots of System Verification

Measurement Report

S02 SystemCheck_H5250_260728

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	4.98	4.59	36.7

Hardware Setup

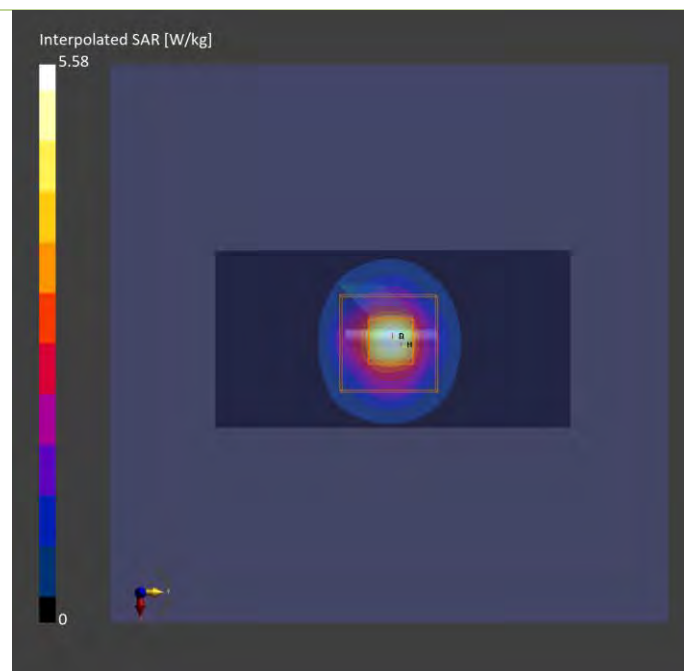
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2026-07-28	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

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	2026-07-28	2026-07-28
psSAR1g [W/kg]	3.42	3.69
psSAR10g [W/kg]	0.977	1.14
Power Drift [dB]	0.03	0.01



Plots of System Verification

Measurement Report S03 System Check H5600_260728 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	4.56	4.94	36.2

Hardware Setup

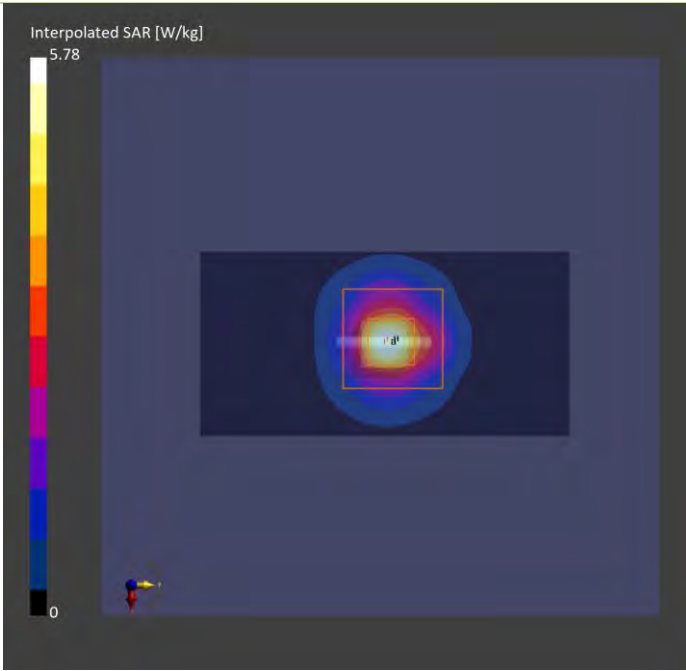
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2026-07-28	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

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	2026-07-28	2026-07-28
psSAR1g [W/kg]	3.65	3.97
psSAR10g [W/kg]	1.05	1.19
Power Drift [dB]	0.08	0.02



Plots of System Verification

Measurement Report S04 SystemCheck_H5800_260728 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	4.46	5.18	35.9

Hardware Setup

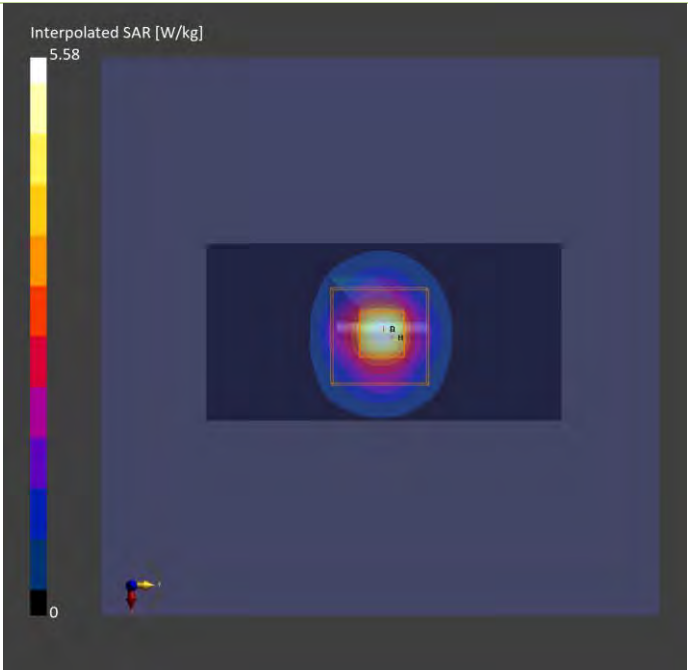
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2026-07-28	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

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	2026-07-28	2026-07-28
psSAR1g [W/kg]	3.49	3.70
psSAR10g [W/kg]	0.985	1.06
Power Drift [dB]	0.01	0.03



Plots of System Verification

Measurement Report

S05 SystemCheck_H2450_260727

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	6.59	1.80	39.1

Hardware Setup

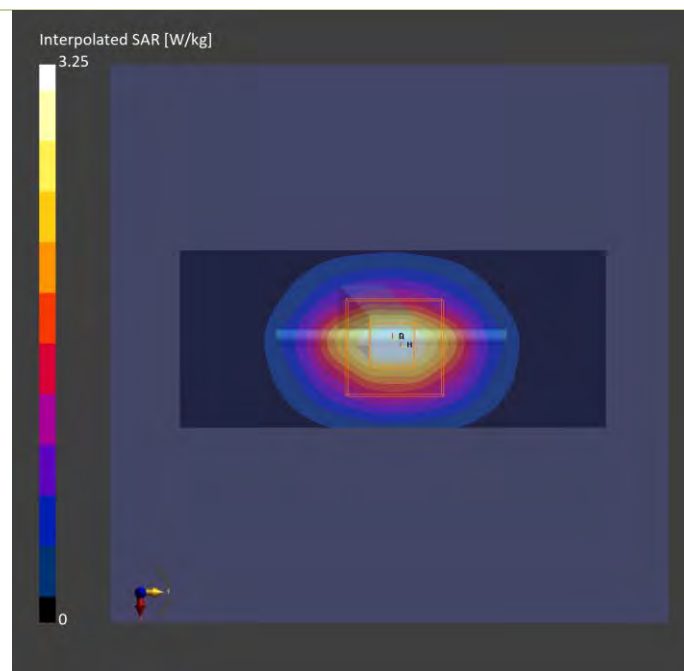
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2026-07-27	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

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	2026-07-27	2026-07-27
psSAR1g [W/kg]	2.47	2.46
psSAR10g [W/kg]	1.15	1.17
Power Drift [dB]	0.01	-0.01



Plots of System Verification

Measurement Report S06 System Check_H6500_261003 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	4.9	5.85	35.3

Hardware Setup

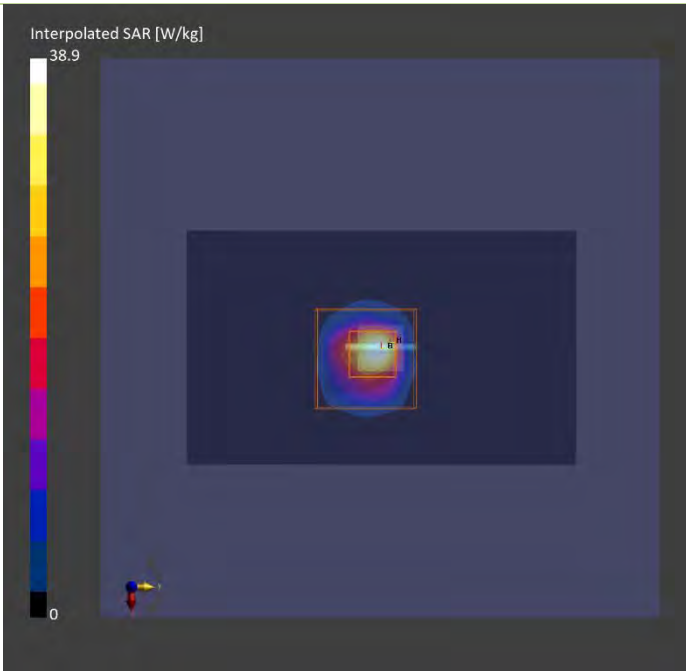
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H60T72N4 , 2026-10-03	EX3DV4 - SN7736, 2026-02-20	DAE4 Sn1431, 2026-07-08

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	2026-10-03	2026-10-03
psSAR1g [W/kg]	28.2	29.4
psSAR10g [W/kg]	5.02	5.26
psAPD (1.0cm2, sq) [W/m2]		286
psAPD (4.0cm2, sq) [W/m2]		125
Power Drift [dB]	-0.03	0.04



Plots of System Verification

Measurement Report

S07 System Check_10GHz_261002

Device under Test Properties

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

Exposure Conditions

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

Hardware Setup

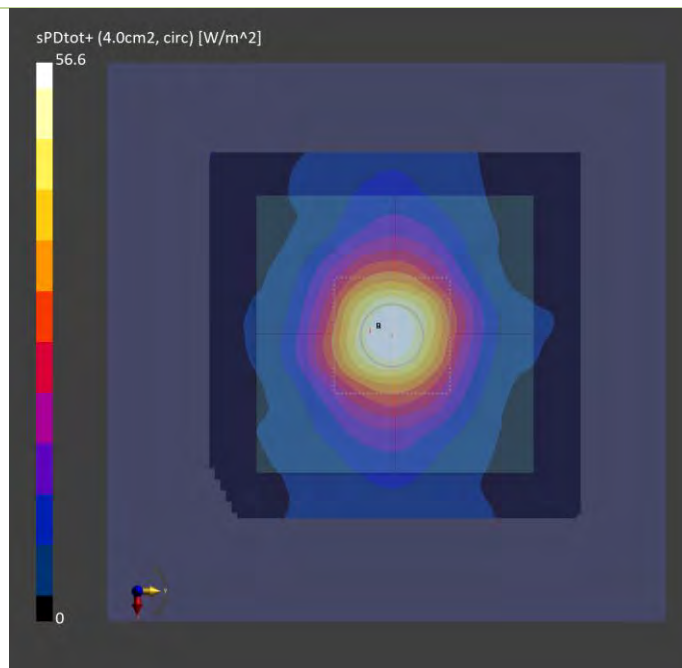
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1035	---Air	EUmmWV4 - SN9438_F1-55GHz, 2026-03-12	DAE4 Sn1589, 2026-04-22

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	2026-10-02
Avg. Area [cm ²]	4.00
psIPDn+ [W/m ²]	56.0
psIPDtot+ [W/m ²]	56.6
psIPDmod+ [W/m ²]	56.9
E _{max} [V/m]	154
Power Drift [dB]	-0.02



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_Rear Face_5mm_Ch11_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P6050416,	188.0 x 104.0 x 18.0		Tablet

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,	Rear Face, 5.00	WLAN 2.4GHz	WLAN, 10012-CAB	2462.000, 11	6.59	1.80	39.0

Hardware Setup

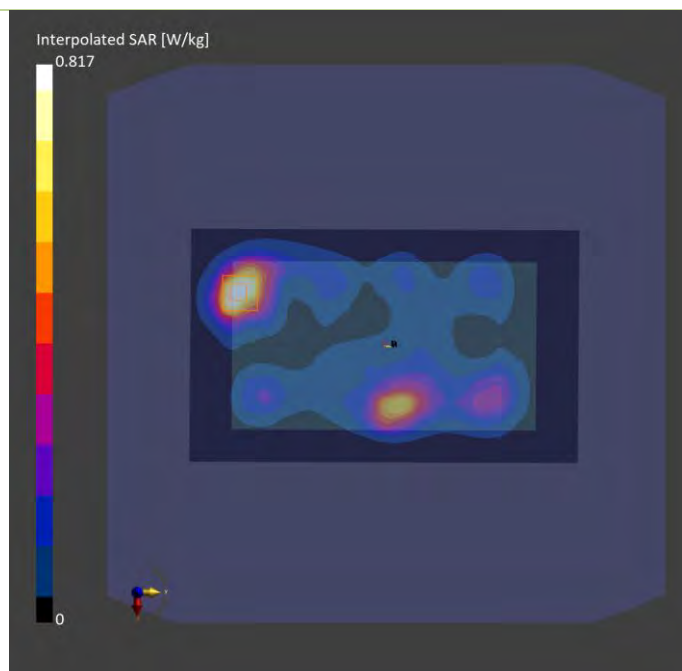
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2026-07-27	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	144.0 x 240.0	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	2026-07-27	2026-07-27
psSAR1g [W/kg]	0.661	0.708
psSAR10g [W/kg]	0.341	0.338
Power Drift [dB]	-0.08	-0.06
M2/M1 [%]		45.1
Dist 3dB Peak [mm]		8.0



Plots of Measurement

Measurement Report

P02 WLAN5.3G_802.11ac VHT160_Top Side_5mm_Ch50_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P6050416,	188.0 x 104.0 x 18.0		Tablet

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,	Top Side, 5.00	WLAN 5GHz	WLAN, 10554-AAE	5250.000, 50	4.98	4.59	36.7

Hardware Setup

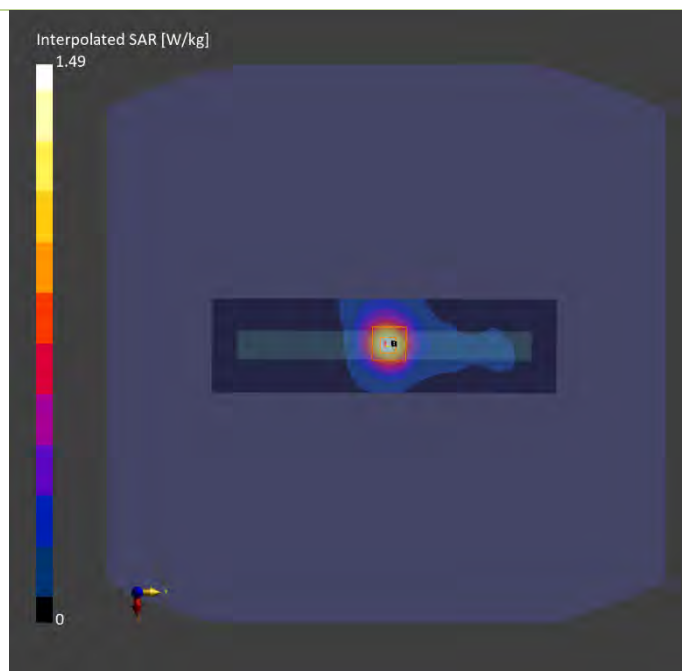
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2026-07-28	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 220.0	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	2026-07-28	2026-07-28
psSAR1g [W/kg]	1.05	1.17
psSAR10g [W/kg]	0.401	0.484
Power Drift [dB]	0.06	0.05
M2/M1 [%]		60.6
Dist 3dB Peak [mm]		10.8



Plots of Measurement

Measurement Report

P03 WLAN5.6G_802.11ac VHT160_Top Side_5mm_Ch114_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P6050416,	188.0 x 104.0 x 18.0		Tablet

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,	Top Side, 5.00	WLAN 5GHz	WLAN, 10554-AAE	5570.000, 114	4.56	4.91	36.2

Hardware Setup

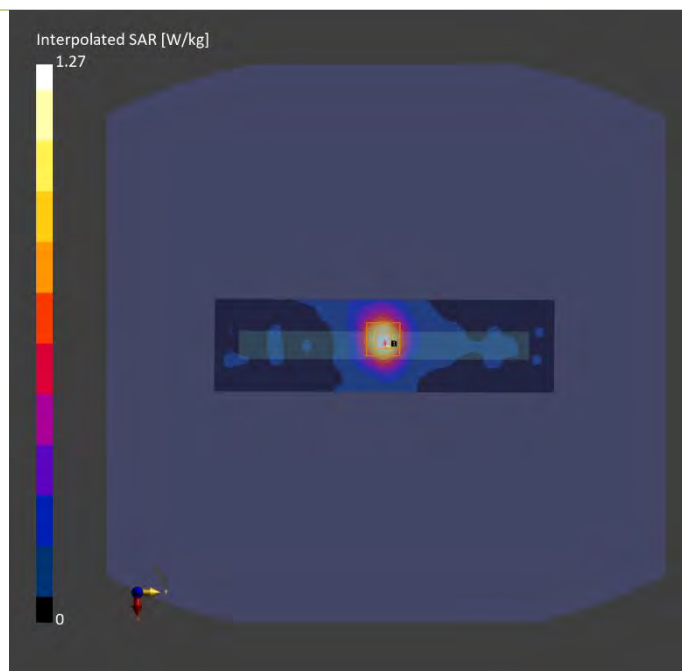
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2026-07-28	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 220.0	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	2026-07-28	2026-07-28
psSAR1g [W/kg]	0.927	0.990
psSAR10g [W/kg]	0.358	0.432
Power Drift [dB]	0.12	-0.03
M2/M1 [%]		57.0
Dist 3dB Peak [mm]		10.8



Plots of Measurement

Measurement Report

P04 WLAN5.8G_802.11ac VHT80_Top Side_5mm_Ch155_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P6050416,	188.0 x 104.0 x 18.0		Tablet

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,	Top Side, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.46	5.15	35.9

Hardware Setup

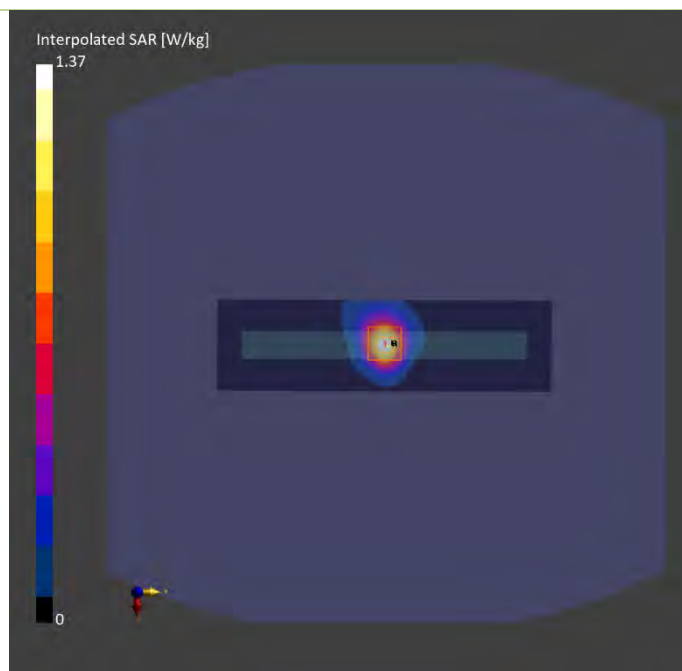
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2026-07-28	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 220.0	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	2026-07-28	2026-07-28
psSAR1g [W/kg]	0.976	0.970
psSAR10g [W/kg]	0.358	0.383
Power Drift [dB]	0.05	-0.03
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		10.9



Plots of Measurement

Measurement Report

P05_BT_BDR_Rear Face_5mm_Ch78_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P6050416,	188.0 x 104.0 x 18.0		Tablet

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,	Rear Face, 5.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.000, 78	6.59	1.82	39.0

Hardware Setup

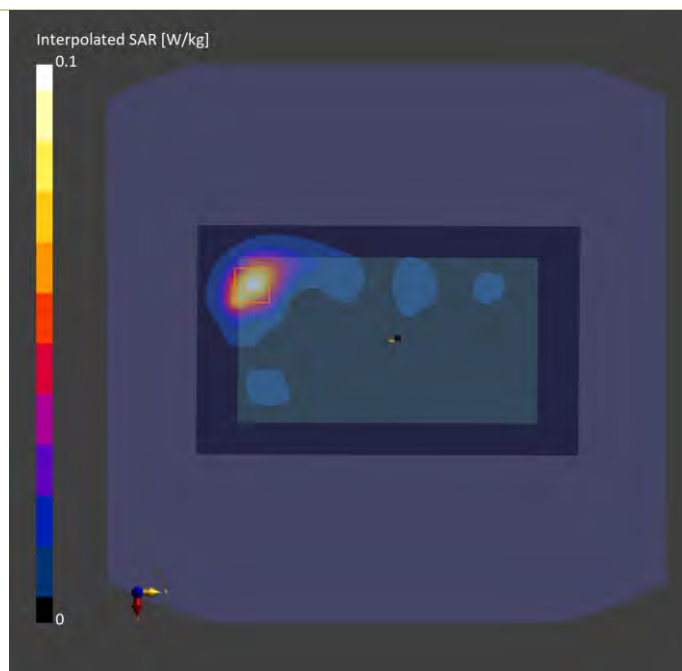
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2026-07-27	EX3DV4 - SN7778, 2025-11-07	DAE4 Sn1761, 2025-09-11

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	144.0 x 240.0	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	2026-07-27	2026-07-27
psSAR1g [W/kg]	0.074	0.081
psSAR10g [W/kg]	0.037	0.039
Power Drift [dB]	0.02	0.02
M2/M1 [%]		43.2
Dist 3dB Peak [mm]		9.5



Plots of Measurement

Measurement Report

P06_UNII-5_802.11ax HE160_Top Side_5mm_Ch79_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P26050416,	104.0 x 188.0 x 18.0		Tablet

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,	Top Side, 5.00	U-NII-5	WLAN, 10755-AAC	6345.000, 79	4.9	5.70	35.5

Hardware Setup

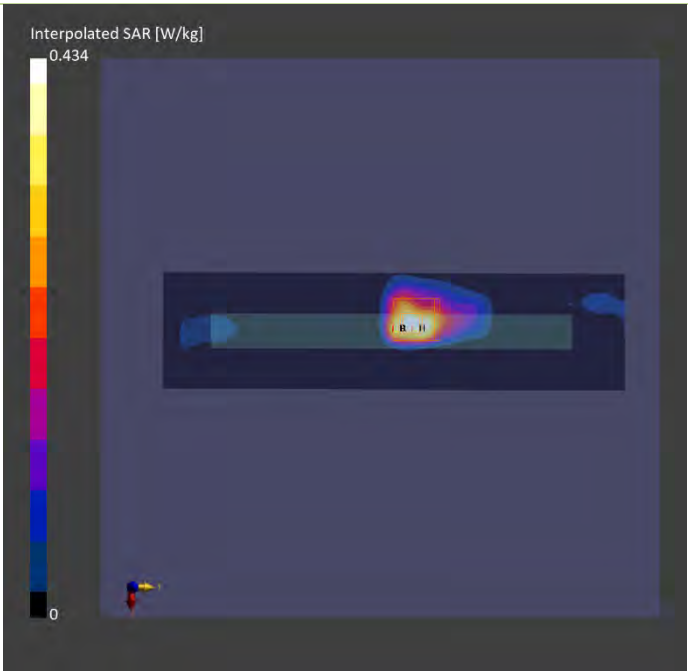
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H60T72N4 , 2026-10-03	EX3DV4 - SN7736, 2026-02-20	DAE4 Sn1431, 2026-07-08

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 240.0	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	2026-10-03	2026-10-03
psSAR1g [W/kg]	0.358	0.488
psSAR10g [W/kg]	0.127	0.161
psAPD (1.0cm2, sq) [W/m2]		4.88
psAPD (4.0cm2, sq) [W/m2]		3.56
Power Drift [dB]	0.09	0.03
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		7.4



Plots of Measurement

Measurement Report

P07 UNII-5_802.11ax HE160_Top Side_2mm_Ch79_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, P26050416	188.0 x 104.0 x 15.0		

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Top Side, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

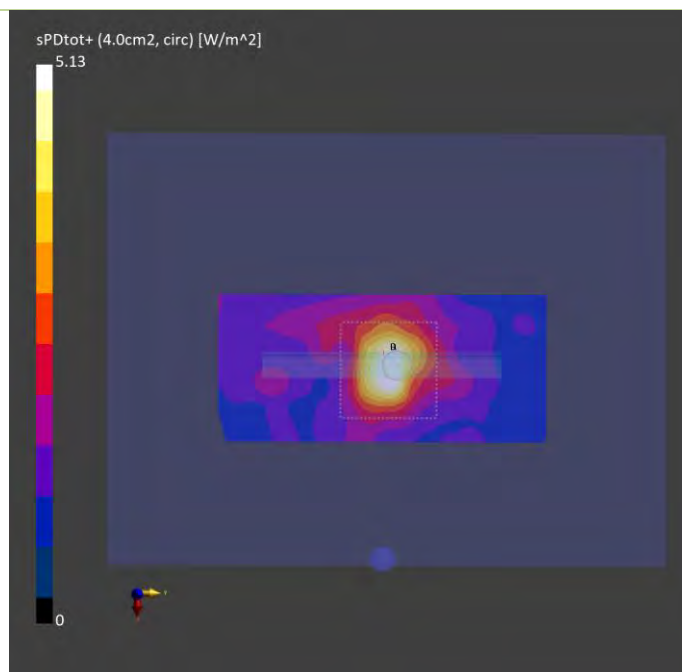
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1035	---Air	EUmmWV4 - SN9438_F1-55GHz, 2026-03-12	DAE4 Sn1589, 2026-04-22

Scan Setup

	5G Scan
Grid Extents [mm]	95.0 x 95.0
Grid Steps [lambda]	0.0529 x 0.0529
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2026-10-02
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.80
psPDtot+ [W/m ²]	5.13
psPDmod+ [W/m ²]	7.98
E _{max} [V/m]	60.2
Power Drift [dB]	-0.04



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 °C.
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. (°C)	Conductivity (σ)	Permittivity (ϵ_r)	Targeted Conductivity (σ)	Targeted Permittivity (ϵ_r)	Deviation Conductivity (σ)	Deviation Permittivity (ϵ_r)	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	22.8	1.8	39.1	1.8	39.2	0.00	-0.26	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 27, 2026	2450	51.40	2.46	49.08	-4.51	737	7778	1761	17
S02	5250	22.5	4.59	36.7	4.71	35.9	-2.55	2.23	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 28, 2026	5250	81.30	3.69	73.63	-9.44	1019	7778	1761	17
S03	5600	22.5	4.94	36.2	5.07	35.5	-2.56	1.97	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 28, 2026	5600	80.90	3.97	79.21	-2.09	1019	7778	1761	17
S04	5800	22.5	5.18	35.9	5.27	35.3	-1.71	1.70	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 28, 2026	5800	79.50	3.7	73.82	-7.14	1019	7778	1761	17
S05	2450	22.8	1.8	39.1	1.8	39.2	0.00	-0.26	Pass	Pass	Pass	GFSK	N/A	Pass	Jul. 27, 2026	2450	51.40	2.46	49.08	-4.51	737	7778	1761	17
S06	6500	23.1	5.85	35.3	6.07	34.5	-3.62	2.32	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 03, 2026	6500	303.00	29.4	294.00	-2.97	1029	7736	1431	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 [%]
S07	Oct. 02, 2026	10	9438	1025	4	10.0	54.6	56.6	3.66%

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	18.0	18.0	18.0	18.0	21.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	11	2462	18.0	18.0	18.0	18.0	21.0
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
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
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
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
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

Tune-up Power (Full)				
Bluetooth				
Mode	Channel	Frequency	Ant 0 Max Tune-up	Ant 1 Max Tune-up
BR / EDR	0	2402	10.0	10.0
	39	2441	10.0	10.0
	78	2480	10.0	10.0
LE	0	2402	5.0	5.0
	19	2440	5.0	5.0
	39	2480	5.0	5.0

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	14.5	14.0	14.5	14.5	17.5
	40	5200	14.5	14.0	14.5	14.5	17.5
	44	5220	14.5	14.0	14.5	14.5	17.5
	48	5240	14.5	14.0	14.5	14.5	17.5
802.11n HT20	36	5180	14.5	14.0	14.5	14.5	17.5
	40	5200	14.5	14.0	14.5	14.5	17.5
	44	5220	14.5	14.0	14.5	14.5	17.5
	48	5240	14.5	14.0	14.5	14.5	17.5
802.11n HT40	38	5190	14.5	14.0	14.5	14.5	17.5
	46	5230	14.5	14.0	14.5	14.5	17.5
802.11ac VHT20	36	5180	14.5	14.0	14.5	14.5	17.5
	40	5200	14.5	14.0	14.5	14.5	17.5
	44	5220	14.5	14.0	14.5	14.5	17.5
	48	5240	14.5	14.0	14.5	14.5	17.5
802.11ac VHT40	38	5190	14.5	14.0	14.5	14.5	17.5
	46	5230	14.5	14.0	14.5	14.5	17.5
802.11ac VHT80	42	5210	14.5	14.0	14.5	14.5	17.5
802.11ax HE20	36	5180	14.5	14.0	14.5	14.5	17.5
	40	5200	14.5	14.0	14.5	14.5	17.5
	44	5220	14.5	14.0	14.5	14.5	17.5
	48	5240	14.5	14.0	14.5	14.5	17.5
802.11ax HE40	38	5190	14.5	14.0	14.5	14.5	17.5
	46	5230	14.5	14.0	14.5	14.5	17.5
802.11ax HE80	42	5210	14.5	14.0	14.5	14.5	17.5

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	14.5	14.0	14.5	14.5	17.5
	56	5280	14.5	14.0	14.5	14.5	17.5
	60	5300	14.5	14.0	14.5	14.5	17.5
	64	5320	14.5	14.0	14.5	14.5	17.5
802.11n HT20	52	5260	14.5	14.0	14.5	14.5	17.5
	56	5280	14.5	14.0	14.5	14.5	17.5
	60	5300	14.5	14.0	14.5	14.5	17.5
	64	5320	14.5	14.0	14.5	14.5	17.5
802.11n HT40	54	5270	14.5	14.0	14.5	14.5	17.5
	62	5310	14.5	14.0	14.5	14.5	17.5
802.11ac VHT20	52	5260	14.5	14.0	14.5	14.5	17.5
	56	5280	14.5	14.0	14.5	14.5	17.5
	60	5300	14.5	14.0	14.5	14.5	17.5
802.11ac VHT40	54	5270	14.5	14.0	14.5	14.5	17.5
	62	5310	14.5	14.0	14.5	14.5	17.5
802.11ac VHT80	58	5290	14.5	14.0	14.5	14.5	17.5
802.11ac VHT160	50	5250	14.5	14.0	14.5	14.5	17.5
802.11ax HE20	52	5260	14.5	14.0	14.5	14.5	17.5
	56	5280	14.5	14.0	14.5	14.5	17.5
	60	5300	14.5	14.0	14.5	14.5	17.5
	64	5320	14.5	14.0	14.5	14.5	17.5
802.11ax HE40	54	5270	14.5	14.0	14.5	14.5	17.5
	62	5310	14.5	14.0	14.5	14.5	17.5
802.11ax HE80	58	5290	14.5	14.0	14.5	14.5	17.5
802.11ax HE160	50	5250	14.5	14.0	14.5	14.5	17.5

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	14.5	14.5	14.5	14.5	17.5
	116	5580	14.5	14.5	14.5	14.5	17.5
	120	5600	14.5	14.5	14.5	14.5	17.5
	140	5700	14.5	14.5	14.5	14.5	17.5
	144	5720	14.5	14.5	14.5	14.5	17.5
802.11n HT20	100	5500	14.5	14.5	14.5	14.5	17.5
	116	5580	14.5	14.5	14.5	14.5	17.5
	120	5600	14.5	14.5	14.5	14.5	17.5
	140	5700	14.5	14.5	14.5	14.5	17.5
	144	5720	14.5	14.5	14.5	14.5	17.5
802.11n HT40	102	5510	14.5	14.5	14.5	14.5	17.5
	110	5550	14.5	14.5	14.5	14.5	17.5
	118	5590	14.5	14.5	14.5	14.5	17.5
	134	5670	14.5	14.5	14.5	14.5	17.5
	142	5710	14.5	14.5	14.5	14.5	17.5
802.11ac VHT20	100	5500	14.5	14.5	14.5	14.5	17.5
	116	5580	14.5	14.5	14.5	14.5	17.5
	120	5600	14.5	14.5	14.5	14.5	17.5
	140	5700	14.5	14.5	14.5	14.5	17.5
	144	5720	14.5	14.5	14.5	14.5	17.5
802.11ac VHT40	102	5510	14.5	14.5	14.5	14.5	17.5
	110	5550	14.5	14.5	14.5	14.5	17.5
	118	5590	14.5	14.5	14.5	14.5	17.5
	134	5670	14.5	14.5	14.5	14.5	17.5
	142	5710	14.5	14.5	14.5	14.5	17.5
802.11ac VHT80	106	5530	14.5	14.5	14.5	14.5	17.5
	122	5610	14.5	14.5	14.5	14.5	17.5
	138	5690	14.5	14.5	14.5	14.5	17.5
802.11ac VHT160	114	5570	14.5	14.5	14.5	14.5	17.5
802.11ax HE20	100	5500	14.5	14.5	14.5	14.5	17.5
	116	5580	14.5	14.5	14.5	14.5	17.5
	120	5600	14.5	14.5	14.5	14.5	17.5
	140	5700	14.5	14.5	14.5	14.5	17.5
	144	5720	14.5	14.5	14.5	14.5	17.5
802.11ax HE40	102	5510	14.5	14.5	14.5	14.5	17.5
	110	5550	14.5	14.5	14.5	14.5	17.5
	118	5590	14.5	14.5	14.5	14.5	17.5
	134	5670	14.5	14.5	14.5	14.5	17.5
	142	5710	14.5	14.5	14.5	14.5	17.5
802.11ax HE80	106	5530	14.5	14.5	14.5	14.5	17.5
	122	5610	14.5	14.5	14.5	14.5	17.5
	138	5690	14.5	14.5	14.5	14.5	17.5
802.11ax HE160	114	5570	14.5	14.5	14.5	14.5	17.5

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	15.5	15.0	15.5	15.5	18.5
	157	5785	15.5	15.0	15.5	15.5	18.5
	165	5825	15.5	15.0	15.5	15.5	18.5
802.11n HT20	149	5745	15.5	15.0	15.5	15.5	18.5
	157	5785	15.5	15.0	15.5	15.5	18.5
	165	5825	15.5	15.0	15.5	15.5	18.5
802.11n HT40	151	5755	15.5	15.0	15.5	15.5	18.5
	159	5795	15.5	15.0	15.5	15.5	18.5
802.11ac VHT20	149	5745	15.5	15.0	15.5	15.5	18.5
	157	5785	15.5	15.0	15.5	15.5	18.5
	165	5825	15.5	15.0	15.5	15.5	18.5
802.11ac VHT40	151	5755	15.5	15.0	15.5	15.5	18.5
	159	5795	15.5	15.0	15.5	15.5	18.5
802.11ac VHT80	155	5775	15.5	15.0	15.5	15.5	18.5
802.11ax HE20	149	5745	15.5	15.0	15.5	15.5	18.5
	157	5785	15.5	15.0	15.5	15.5	18.5
	165	5825	15.5	15.0	15.5	15.5	18.5
802.11ax HE40	151	5755	15.5	15.0	15.5	15.5	18.5
	159	5795	15.5	15.0	15.5	15.5	18.5
802.11ax HE80	155	5775	15.5	15.0	15.5	15.5	18.5

Tune-up Power (Full)

UNII-5

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	6.0	6.0	4.5	4.5	7.5
	21	6055	6.0	6.0	4.5	4.5	7.5
	45	6175	6.0	6.0	4.5	4.5	7.5
	61	6255	6.0	6.0	4.5	4.5	7.5
	77	6335	6.0	6.0	4.5	4.5	7.5
	93	6415	6.0	6.0	5.0	5.0	8.0
802.11ax HE20	1	5955	6.0	6.0	5.0	5.0	8.0
	21	6055	6.0	6.0	5.0	5.0	8.0
	45	6175	6.0	6.0	5.0	5.0	8.0
	61	6255	6.0	6.0	5.0	5.0	8.0
	77	6335	6.0	6.0	5.0	5.0	8.0
	93	6415	6.0	6.0	5.0	5.0	8.0
802.11ax HE40	3	5965	9.0	9.0	8.0	8.0	11.0
	27	6085	9.0	9.0	7.5	7.5	10.5
	43	6165	9.0	9.0	7.5	7.5	10.5
	59	6245	9.0	9.0	7.5	7.5	10.5
	75	6325	9.0	9.0	7.5	7.5	10.5
	91	6405	9.0	9.0	7.5	7.5	10.5
802.11ax HE80	7	5985	12.0	9.5	11.0	11.0	14.0
	23	6065	12.0	9.5	10.5	10.5	13.5
	39	6145	12.0	9.5	10.5	10.5	13.5
	55	6225	12.0	9.5	10.5	10.5	13.5
	71	6305	12.0	9.5	10.5	10.5	13.5
	87	6385	12.0	9.5	10.5	10.5	13.5
802.11ax HE160	15	6025	12.5	9.5	12.0	12.0	15.0
	47	6185	12.5	9.5	12.0	12.0	15.0
	79	6345	12.5	9.5	12.0	12.0	15.0

Tune-up Power (Full)

UNII-6

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	6.0	6.0	5.5	5.5	8.5
	105	6475	6.0	6.0	5.5	5.5	8.5
	113	6515	6.0	6.0	5.0	5.0	8.0
802.11ax HE20	97	6435	6.0	6.0	5.0	5.0	8.0
	105	6475	6.0	6.0	5.5	5.5	8.5
	113	6515	6.0	6.0	5.0	5.0	8.0
802.11ax HE40	99	6445	9.0	9.0	8.0	8.0	11.0
	107	6485	9.0	9.0	7.5	7.5	10.5
	115	6525	9.0	9.0	8.0	8.0	11.0
802.11ax HE80	103	6465	12.0	9.5	11.0	11.0	14.0
	119	6545	12.0	9.5	10.5	10.5	13.5
802.11ax HE160	111	6505	12.5	9.5	12.0	12.0	15.0

Tune-up Power (Full)

UNII-7

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	6.0	6.0	5.5	5.5	8.5
	133	6615	6.0	6.0	5.5	5.5	8.5
	149	6695	6.0	6.0	5.0	5.0	8.0
	165	6775	6.0	6.0	5.5	5.5	8.5
	181	6855	6.0	6.0	5.5	5.5	8.5
802.11ax HE20	117	6535	6.0	6.0	5.5	5.5	8.5
	133	6615	6.0	6.0	5.5	5.5	8.5
	149	6695	6.0	6.0	5.5	5.5	8.5
	165	6775	6.0	6.0	5.5	5.5	8.5
	181	6855	6.0	6.0	5.5	5.5	8.5
802.11ax HE40	123	6565	9.0	9.0	7.5	7.5	10.5
	139	6645	9.0	9.0	8.0	8.0	11.0
	155	6725	9.0	9.0	8.0	8.0	11.0
	163	6765	9.0	9.0	8.5	8.5	11.5
	179	6845	9.0	9.0	8.5	8.5	11.5
802.11ax HE80	135	6625	12.0	9.5	11.5	11.5	14.5
	151	6705	12.0	9.5	11.5	11.5	14.5
	167	6785	12.0	9.5	11.5	11.5	14.5
	183	6865	12.0	9.5	11.5	11.5	14.5
802.11ax HE160	143	6665	12.5	9.5	12.0	12.0	15.0
	175	6825	12.5	9.5	12.0	12.0	15.0

Tune-up Power (Full)

UNII-8

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	6.0	6.0	5.5	5.5	8.5
	197	6935	6.0	6.0	5.5	5.5	8.5
	209	6995	6.0	6.0	5.5	5.5	8.5
	233	7115	6.0	6.0	5.5	5.5	8.5
802.11ax HE20	185	6875	6.0	6.0	5.0	5.0	8.0
	197	6935	6.0	6.0	5.0	5.0	8.0
	209	6995	6.0	6.0	5.0	5.0	8.0
	233	7115	6.0	6.0	5.5	5.5	8.5
802.11ax HE40	187	6885	9.0	9.0	8.0	8.0	11.0
	203	6965	9.0	9.0	8.0	8.0	11.0
	211	7005	9.0	9.0	8.5	8.5	11.5
	227	7085	9.0	9.0	8.5	8.5	11.5
802.11ax HE80	199	6945	12.0	9.5	11.0	11.0	14.0
	215	7025	12.0	9.5	11.0	11.0	14.0
802.11ax HE160	207	6985	12.5	9.5	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	17.71
	6	2437	17.68
	11	2462	17.73
802.11g	1	2412	15.67
	6	2437	15.68
	11	2462	15.72
802.11n HT20	1	2412	15.67
	6	2437	15.79
	11	2462	15.66
802.11n HT40	3	2422	15.05
	6	2437	15.84
	9	2452	15.79
802.11ax HE20	1	2412	15.84
	6	2437	15.7
	11	2462	15.69
802.11ax HE40	3	2422	15.79
	6	2437	15.68
	9	2452	15.85

Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	17.69
	6	2437	17.83
	11	2462	17.81
802.11g	1	2412	15.65
	6	2437	15.74
	11	2462	15.75
802.11n HT20	1	2412	15.65
	6	2437	15.72
	11	2462	15.73
802.11n HT40	3	2422	15.75
	6	2437	15.8
	9	2452	15.76
802.11ax HE20	1	2412	15.85
	6	2437	15.68
	11	2462	15.79
802.11ax HE40	3	2422	15.68
	6	2437	15.73
	9	2452	15.75

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	17.85	16.51	20.24
	6	2437	17.73	17.04	20.41
	11	2462	17.64	16.85	20.27
802.11g	1	2412	15.8	15.84	18.83
	6	2437	15.71	15.73	18.73
	11	2462	15.69	15.76	18.74
802.11n HT20	1	2412	15.68	15.73	18.72
	6	2437	15.7	15.72	18.72
	11	2462	15.66	15.83	18.76
802.11n HT40	3	2422	15.8	15.66	18.74
	6	2437	15.71	15.77	18.75
	9	2452	15.7	15.84	18.78
802.11ax HE20	1	2412	15.84	15.69	18.78
	6	2437	15.69	15.79	18.75
	11	2462	15.67	15.73	18.71
802.11ax HE40	3	2422	15.8	15.84	18.83
	6	2437	15.76	15.78	18.78
	9	2452	15.7	15.79	18.76

Conducted Power (Full)			
Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	8.24
	39	2441	8.66
	78	2480	8.2
LE	0	2402	4.76
	19	2440	4.65
	39	2480	4.77

Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	8.87
	39	2441	9.22
	78	2480	8.11
LE	0	2402	4.84
	19	2440	4.65
	39	2480	4.81

Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	14.18
	40	5200	14.22
	44	5220	14.16
	48	5240	14.17
802.11n HT20	36	5180	14.35
	40	5200	14.15
	44	5220	14.34
	48	5240	14.32
802.11n HT40	38	5190	14.33
	46	5230	14.16
802.11ac VHT20	36	5180	14.29
	40	5200	14.25
	44	5220	14.21
	48	5240	14.22
802.11ac VHT40	38	5190	14.23
	46	5230	14.22
802.11ac VHT80	42	5210	14.36
802.11ax HE20	36	5180	14.35
	40	5200	14.24
	44	5220	14.21
	48	5240	14.33
802.11ax HE40	38	5190	14.23
	46	5230	14.31
802.11ax HE80	42	5210	14.32

Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	13.73
	40	5200	13.77
	44	5220	13.65
	48	5240	13.79
802.11n HT20	36	5180	13.65
	40	5200	13.7
	44	5220	13.79
	48	5240	13.73
802.11n HT40	38	5190	13.7
	46	5230	13.76
802.11ac VHT20	36	5180	13.71
	40	5200	13.7
	44	5220	13.75
	48	5240	13.72
802.11ac VHT40	38	5190	13.74
	46	5230	13.75
802.11ac VHT80	42	5210	13.85
802.11ax HE20	36	5180	13.79
	40	5200	13.76
	44	5220	13.79
	48	5240	13.75
802.11ax HE40	38	5190	13.73
	46	5230	13.74
802.11ax HE80	42	5210	13.7

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	14.02	13.71	16.88
	40	5200	14	13.65	16.84
	44	5220	13.92	13.65	16.8
	48	5240	14	13.7	16.86
802.11n HT20	36	5180	13.96	13.6	16.79
	40	5200	13.98	13.73	16.87
	44	5220	13.92	13.62	16.78
	48	5240	13.98	13.63	16.82
802.11n HT40	38	5190	13.9	13.74	16.83
	46	5230	13.91	13.72	16.83
802.11ac VHT20	36	5180	13.99	13.65	16.83
	40	5200	13.99	13.7	16.86
	44	5220	13.92	13.69	16.82
	48	5240	13.95	13.65	16.81
802.11ac VHT40	38	5190	14.04	13.65	16.86
	46	5230	13.9	13.64	16.78
802.11ac VHT80	42	5210	14.02	13.75	16.9
802.11ax HE20	36	5180	14	13.62	16.82
	40	5200	13.98	13.61	16.81
	44	5220	13.94	13.69	16.83
	48	5240	13.94	13.61	16.79
802.11ax HE40	38	5190	13.94	13.67	16.82
	46	5230	13.98	13.71	16.86
802.11ax HE80	42	5210	13.95	13.75	16.86

Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	14.32
	56	5280	14.18
	60	5300	14.31
	64	5320	14.24
802.11n HT20	52	5260	14.19
	56	5280	14.2
	60	5300	14.28
	64	5320	14.29
802.11n HT40	54	5270	14.25
	62	5310	14.24
802.11ac VHT20	52	5260	14.33
	56	5280	14.34
	60	5300	14.28
	64	5320	14.29
802.11ac VHT40	54	5270	14.25
	62	5310	14.16
802.11ac VHT80	58	5290	14.31
802.11ac VHT160	50	5250	14.43
802.11ax HE20	52	5260	14.31
	56	5280	14.23
	60	5300	14.24
	64	5320	14.29
802.11ax HE40	54	5270	14.15
	62	5310	14.3
802.11ax HE80	58	5290	14.24
802.11ax HE160	50	5250	14.15

Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	13.8
	56	5280	13.69
	60	5300	13.67
	64	5320	13.68
802.11n HT20	52	5260	13.65
	56	5280	13.76
	60	5300	13.69
	64	5320	13.69
802.11n HT40	54	5270	13.85
	62	5310	13.77
802.11ac VHT20	52	5260	13.75
	56	5280	13.65
	60	5300	13.73
	64	5320	13.83
802.11ac VHT40	54	5270	13.77
	62	5310	13.78
802.11ac VHT80	58	5290	13.74
802.11ac VHT160	50	5250	13.91
802.11ax HE20	52	5260	13.82
	56	5280	13.77
	60	5300	13.69
	64	5320	13.75
802.11ax HE40	54	5270	13.68
	62	5310	13.73
802.11ax HE80	58	5290	13.82
802.11ax HE160	50	5250	13.73

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	14.09	13.69	16.9
	56	5280	14.12	13.68	16.92
	60	5300	14.12	13.63	16.89
	64	5320	14.09	13.68	16.9
802.11n HT20	52	5260	14.05	13.68	16.88
	56	5280	14.15	13.65	16.92
	60	5300	13.96	13.64	16.81
	64	5320	14.1	13.62	16.88
802.11n HT40	54	5270	14.15	13.64	16.91
	62	5310	13.95	13.63	16.8
802.11ac VHT20	52	5260	14.09	13.65	16.89
	56	5280	14.02	13.69	16.87
	60	5300	14.04	13.7	16.88
	64	5320	14.14	13.62	16.9
802.11ac VHT40	54	5270	13.95	13.63	16.8
	62	5310	14	13.63	16.83
802.11ac VHT80	58	5290	14.03	13.61	16.84
802.11ac VHT160	50	5250	14.38	13.42	16.94
802.11ax HE20	52	5260	13.99	13.68	16.85
	56	5280	14.05	13.64	16.86
	60	5300	14.07	13.66	16.88
	64	5320	14.15	13.62	16.9
802.11ax HE40	54	5270	14.04	13.64	16.85
	62	5310	14.09	13.61	16.87
802.11ax HE80	58	5290	14	13.69	16.86
802.11ax HE160	50	5250	14.15	13.61	16.9

Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	14.2
	116	5580	14.15
	120	5600	14.17
	140	5700	14.27
	144	5720	14.22
802.11n HT20	100	5500	14.28
	116	5580	14.28
	120	5600	14.31
	140	5700	14.27
	144	5720	14.33
802.11n HT40	102	5510	14.18
	110	5550	14.17
	118	5590	14.19
	134	5670	14.34
	142	5710	14.22
802.11ac VHT20	100	5500	14.33
	116	5580	14.26
	120	5600	14.24
	140	5700	14.22
	144	5720	14.29
802.11ac VHT40	102	5510	14.2
	110	5550	14.35
	118	5590	14.19
	134	5670	14.16
	142	5710	14.18
802.11ac VHT80	106	5530	14.26
	122	5610	14.2
	138	5690	14.35
802.11ac VHT160	114	5570	14.46
802.11ax HE20	100	5500	14.15
	116	5580	14.29
	120	5600	14.17
	140	5700	14.22
	144	5720	14.22
802.11ax HE40	102	5510	14.24
	110	5550	14.17
	118	5590	14.32
	134	5670	14.31
	142	5710	14.35
802.11ax HE80	106	5530	14.22
	122	5610	14.3
	138	5690	14.3
802.11ax HE160	114	5570	14.31

Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	13.63
	116	5580	13.51
	120	5600	13.62
	140	5700	13.52
	144	5720	13.5
802.11n HT20	100	5500	13.62
	116	5580	13.62
	120	5600	13.57
	140	5700	13.53
	144	5720	13.57
802.11n HT40	102	5510	13.5
	110	5550	13.51
	118	5590	13.57
	134	5670	13.52
	142	5710	13.59
802.11ac VHT20	100	5500	13.56
	116	5580	13.65
	120	5600	13.54
	140	5700	13.65
	144	5720	13.65
802.11ac VHT40	102	5510	13.59
	110	5550	13.62
	118	5590	13.58
	134	5670	13.52
	142	5710	13.57
802.11ac VHT80	106	5530	13.55
	122	5610	13.53
	138	5690	13.5
802.11ac VHT160	114	5570	13.71
802.11ax HE20	100	5500	13.55
	116	5580	13.54
	120	5600	13.64
	140	5700	13.64
	144	5720	13.53
802.11ax HE40	102	5510	13.54
	110	5550	13.5
	118	5590	13.53
	134	5670	13.51
	142	5710	13.63
802.11ax HE80	106	5530	13.57
	122	5610	13.59
	138	5690	13.54
802.11ax HE160	114	5570	13.62

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	14.1	13.61	16.87
	116	5580	14.15	13.7	16.94
	120	5600	14.16	13.65	16.92
	140	5700	14.14	13.69	16.93
	144	5720	14.18	13.63	16.92
802.11n HT20	100	5500	14.1	13.56	16.85
	116	5580	14.24	13.62	16.95
	120	5600	14.12	13.56	16.86
	140	5700	14.14	13.69	16.93
	144	5720	14.15	13.7	16.94
802.11n HT40	102	5510	14.1	13.62	16.88
	110	5550	14.17	13.68	16.94
	118	5590	14.11	13.68	16.91
	134	5670	14.21	13.66	16.95
	142	5710	14.22	13.69	16.97
802.11ac VHT20	100	5500	14.11	13.69	16.92
	116	5580	14.22	13.64	16.95
	120	5600	14.16	13.65	16.92
	140	5700	14.24	13.58	16.93
	144	5720	14.17	13.7	16.95
802.11ac VHT40	102	5510	14.1	13.66	16.9
	110	5550	14.25	13.64	16.97
	118	5590	14.18	13.58	16.9
	134	5670	14.16	13.65	16.92
	142	5710	14.12	13.68	16.92
802.11ac VHT80	106	5530	14.16	13.56	16.88
	122	5610	14.17	13.68	16.94
	138	5690	14.21	13.61	16.93
802.11ac VHT160	114	5570	14.25	13.7	16.99
802.11ax HE20	100	5500	14.23	13.65	16.96
	116	5580	14.14	13.61	16.89
	120	5600	14.16	13.61	16.9
	140	5700	14.24	13.58	16.93
	144	5720	14.18	13.68	16.95
802.11ax HE40	102	5510	14.1	13.59	16.86
	110	5550	14.24	13.64	16.96
	118	5590	14.18	13.56	16.89
	134	5670	14.25	13.67	16.98
	142	5710	14.24	13.66	16.97
802.11ax HE80	106	5530	14.11	13.58	16.86
	122	5610	14.24	13.65	16.97
	138	5690	14.21	13.62	16.94
802.11ax HE160	114	5570	14.14	13.57	16.87

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	15.35
	157	5785	15.35
	165	5825	15.27
802.11n HT20	149	5745	15.31
	157	5785	15.22
	165	5825	15.33
802.11n HT40	151	5755	15.35
	159	5795	15.26
802.11ac VHT20	149	5745	15.3
	157	5785	15.21
	165	5825	15.2
802.11ac VHT40	151	5755	15.19
	159	5795	15.21
802.11ac VHT80	155	5775	15.36
802.11ax HE20	149	5745	15.29
	157	5785	15.21
	165	5825	15.32
802.11ax HE40	151	5755	15.23
	159	5795	15.31
802.11ax HE80	155	5775	15.15

Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	14.26
	157	5785	14.28
	165	5825	14.33
802.11n HT20	149	5745	14.26
	157	5785	14.38
	165	5825	14.3
802.11n HT40	151	5755	14.36
	159	5795	14.31
802.11ac VHT20	149	5745	14.27
	157	5785	14.33
	165	5825	14.33
802.11ac VHT40	151	5755	14.26
	159	5795	14.26
802.11ac VHT80	155	5775	14.41
802.11ax HE20	149	5745	14.32
	157	5785	14.39
	165	5825	14.28
802.11ax HE40	151	5755	14.39
	159	5795	14.28
802.11ax HE80	155	5775	14.25

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	14.79	14.17	17.5
	157	5785	14.87	14.29	17.6
	165	5825	14.84	14.24	17.56
802.11n HT20	149	5745	14.75	14.2	17.49
	157	5785	14.85	14.16	17.53
	165	5825	14.79	14.13	17.48
802.11n HT40	151	5755	14.83	14.21	17.54
	159	5795	14.8	14.22	17.53
	149	5745	14.84	14.13	17.51
802.11ac VHT20	157	5785	14.79	14.02	17.43
	165	5825	14.79	14.4	17.61
	151	5755	14.85	14.04	17.47
802.11ac VHT40	159	5795	14.86	14.28	17.59
	155	5775	14.96	14.22	17.62
	149	5745	14.82	14.18	17.52
802.11ax HE20	157	5785	14.78	14.17	17.5
	165	5825	14.82	14.16	17.51
	151	5755	14.83	14.22	17.55
802.11ax HE40	159	5795	14.83	14.2	17.54
	155	5775	14.76	14.21	17.5
	149	5745	14.82	14.18	17.52

Conducted Power (Full)			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	5.25
	21	6055	5.28
	45	6175	5.27
	61	6255	5.21
	77	6335	5.2
	93	6415	5.29
802.11ax HE20	1	5955	5.19
	21	6055	5.26
	45	6175	5.15
	61	6255	5.23
	77	6335	5.19
	93	6415	5.19
802.11ax HE40	3	5965	8.71
	27	6085	8.76
	43	6165	8.69
	59	6245	8.8
	75	6325	8.68
	91	6405	8.7
802.11ax HE80	7	5985	11.8
	23	6065	11.78
	39	6145	11.71
	55	6225	11.8
	71	6305	11.69
	87	6385	11.73
802.11ax HE160	15	6025	12.28
	47	6185	12.3
	79	6345	12.32

Conducted Power (Full)			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	5.28
	21	6055	5.25
	45	6175	5.27
	61	6255	5.15
	77	6335	5.19
	93	6415	5.2
802.11ax HE20	1	5955	5.29
	21	6055	5.19
	45	6175	5.17
	61	6255	5.15
	77	6335	5.24
	93	6415	5.18
802.11ax HE40	3	5965	8.78
	27	6085	8.78
	43	6165	8.65
	59	6245	8.68
	75	6325	8.73
	91	6405	8.76
802.11ax HE80	7	5985	9.26
	23	6065	9.24
	39	6145	9.3
	55	6225	9.15
	71	6305	9.23
	87	6385	9.23
802.11ax HE160	15	6025	9.27
	47	6185	9.29
	79	6345	9.31

Conducted Power (Full)					
UNII-5 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	1	5955	4.43	4.23	7.34
	21	6055	4.47	4.21	7.35
	45	6175	4.48	4.28	7.39
	61	6255	4.46	4.15	7.32
	77	6335	4.4	4.24	7.33
	93	6415	4.68	4.5	7.6
802.11ax HE20	1	5955	4.82	4.65	7.75
	21	6055	4.82	4.56	7.7
	45	6175	4.75	4.63	7.7
	61	6255	4.75	4.63	7.7
	77	6335	4.76	4.64	7.71
	93	6415	4.75	4.64	7.71
802.11ax HE40	3	5965	7.56	7.44	10.51
	27	6085	7.37	7.2	10.3
	43	6165	7.3	7.14	10.23
	59	6245	7.39	7.18	10.3
	75	6325	7.38	7.16	10.28
	91	6405	7.28	7.07	10.19
802.11ax HE80	7	5985	10.86	10.57	13.73
	23	6065	10.31	10.15	13.24
	39	6145	10.27	10.18	13.24
	55	6225	10.34	10.19	13.28
	71	6305	10.27	10.09	13.19
	87	6385	10.29	10.09	13.2
802.11ax HE160	15	6025	11.61	11.3	14.47
	47	6185	11.52	11.29	14.42
	79	6345	11.93	10.98	14.49

Conducted Power (Full)			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	97	6435	5.24
	105	6475	5.16
	113	6515	5.2
802.11ax HE20	97	6435	5.19
	105	6475	5.33
	113	6515	5.17
802.11ax HE40	99	6445	8.78
	107	6485	8.7
	115	6525	8.73
802.11ax HE80	103	6465	11.79
	119	6545	11.8
802.11ax HE160	111	6505	12.28

Conducted Power (Full)			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	97	6435	5.23
	105	6475	5.21
	113	6515	5.28
802.11ax HE20	97	6435	5.3
	105	6475	5.22
	113	6515	5.27
802.11ax HE40	99	6445	8.63
	107	6485	8.74
	115	6525	8.68
802.11ax HE80	103	6465	8.71
	119	6545	8.64
802.11ax HE160	111	6505	8.75

Conducted Power (Full)					
UNII-6 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	97	6435	5.73	4.23	8.05
	105	6475	5.74	4.24	8.06
	113	6515	5.52	3.99	7.83
802.11ax HE20	97	6435	5.4	3.86	7.71
	105	6475	5.67	4.18	8
	113	6515	5.38	4.04	7.77
802.11ax HE40	99	6445	8.31	6.7	10.59
	107	6485	7.92	6.52	10.29
	115	6525	8.17	6.72	10.52
802.11ax HE80	103	6465	11.49	9.87	13.77
	119	6545	11	9.5	13.32
802.11ax HE160	111	6505	11.58	11.06	14.34

Conducted Power (Full)			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	117	6535	4.92
	133	6615	5.02
	149	6695	5.01
	165	6775	4.92
	181	6855	4.9
802.11ax HE20	117	6535	4.9
	133	6615	5.03
	149	6695	4.94
	165	6775	4.96
	181	6855	4.95
802.11ax HE40	123	6565	8.73
	139	6645	8.75
	155	6725	8.75
	163	6765	8.85
	179	6845	8.84
802.11ax HE80	135	6625	11.79
	151	6705	11.74
	167	6785	11.8
	183	6865	11.72
802.11ax HE160	143	6665	12.29
	175	6825	12.31

Conducted Power (Full)			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	117	6535	4.92
	133	6615	5.05
	149	6695	5.03
	165	6775	5.04
	181	6855	4.92
802.11ax HE20	117	6535	4.92
	133	6615	4.99
	149	6695	5.01
	165	6775	4.96
	181	6855	4.93
802.11ax HE40	123	6565	8.85
	139	6645	8.84
	155	6725	8.83
	163	6765	8.71
	179	6845	8.85
802.11ax HE80	135	6625	9.23
	151	6705	9.25
	167	6785	9.21
	183	6865	9.2
802.11ax HE160	143	6665	9.24
	175	6825	9.26

Conducted Power (Full)					
UNII-7 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	117	6535	4.93	4.85	7.9
	133	6615	4.92	4.89	7.92
	149	6695	4.95	4.91	7.94
	165	6775	4.95	4.87	7.92
	181	6855	4.85	4.91	7.89
802.11ax HE20	117	6535	4.94	4.9	7.93
	133	6615	4.94	4.88	7.92
	149	6695	4.89	4.9	7.91
	165	6775	4.89	4.95	7.93
	181	6855	4.85	4.85	7.86
802.11ax HE40	123	6565	7.36	7.41	10.4
	139	6645	7.73	7.68	10.72
	155	6725	7.71	7.75	10.74
	163	6765	7.71	7.67	10.7
	179	6845	7.68	7.73	10.72
802.11ax HE80	135	6625	11.41	11.35	14.39
	151	6705	11.4	11.44	14.43
	167	6785	11.73	10.12	14.01
	183	6865	11.8	10.18	14.08
802.11ax HE160	143	6665	11.74	11.09	14.44
	175	6825	11.67	11.01	14.36

Conducted Power (Full)			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	185	6875	5
	197	6935	4.86
	209	6995	4.88
	233	7115	4.98
802.11ax HE20	185	6875	4.88
	197	6935	4.99
	209	6995	4.99
	233	7115	5.04
802.11ax HE40	187	6885	8.82
	203	6965	8.68
	211	7005	8.8
	227	7085	8.7
802.11ax HE80	199	6945	11.68
	215	7025	11.77
802.11ax HE160	207	6985	12.25

Conducted Power (Full)			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	185	6875	4.94
	197	6935	4.99
	209	6995	5.02
	233	7115	5.04
802.11ax HE20	185	6875	4.96
	197	6935	5.05
	209	6995	4.9
	233	7115	4.96
802.11ax HE40	187	6885	8.67
	203	6965	8.78
	211	7005	8.79
	227	7085	8.67
802.11ax HE80	199	6945	9.03
	215	7025	9.15
802.11ax HE160	207	6985	9.29

Conducted Power (Full)					
UNII-8 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	185	6875	5.68	4.16	8
	197	6935	5.72	4.27	8.07
	209	6995	5.79	4.24	8.09
	233	7115	5.7	4.31	8.07
802.11ax HE20	185	6875	5.46	3.89	7.76
	197	6935	5.38	3.98	7.75
	209	6995	5.54	4.02	7.86
	233	7115	5.72	4.16	8.02
802.11ax HE40	187	6885	8.26	6.65	10.54
	203	6965	8.34	6.78	10.64
	211	7005	8.24	6.79	10.59
	227	7085	8.18	6.73	10.53
802.11ax HE80	199	6945	11.48	9.89	13.77
	215	7025	11.41	9.89	13.73
802.11ax HE160	207	6985	11.72	11.15	14.45

Appendix F. SAR 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 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	Front Face	5	11	Ant 0	100.00	1.00	18.00	17.73	1.06	0.05	0.403	0.43
	WLAN2.4G	802.11b	Rear Face	5	11	Ant 0	100.00	1.00	18.00	17.73	1.06	-0.02	0.566	0.60
	WLAN2.4G	802.11b	Left Side	5	11	Ant 0	100.00	1.00	18.00	17.73	1.06	-0.07	0.535	0.57
	WLAN2.4G	802.11b	Right Side	5	11	Ant 0	100.00	1.00	18.00	17.73	1.06	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	5	11	Ant 0	100.00	1.00	18.00	17.73	1.06	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	5	11	Ant 0	100.00	1.00	18.00	17.73	1.06	0.03	0.159	0.17
	WLAN2.4G	802.11b	Front Face	5	6	Ant 1	100.00	1.00	18.00	17.83	1.04	-0.06	0.362	0.38
	WLAN2.4G	802.11b	Rear Face	5	6	Ant 1	100.00	1.00	18.00	17.83	1.04	0.11	0.612	0.64
	WLAN2.4G	802.11b	Left Side	5	6	Ant 1	100.00	1.00	18.00	17.83	1.04	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	5	6	Ant 1	100.00	1.00	18.00	17.83	1.04	0.07	0.093	0.10
	WLAN2.4G	802.11b	Top Side	5	6	Ant 1	100.00	1.00	18.00	17.83	1.04	-0.13	0.506	0.53
	WLAN2.4G	802.11b	Bottom Side	5	6	Ant 1	100.00	1.00	18.00	17.83	1.04	0	<0.001	0.00
	WLAN2.4G	802.11b	Front Face	5	6	Ant 0+1	100.00	1.00	21.00	20.41	1.15	-0.15	0.382	0.44
	WLAN2.4G	802.11b	Rear Face	5	6	Ant 0+1	100.00	1.00	21.00	20.41	1.15	-0.17	0.661	0.76
	WLAN2.4G	802.11b	Left Side	5	6	Ant 0+1	100.00	1.00	21.00	20.41	1.15	0.01	0.556	0.64
	WLAN2.4G	802.11b	Right Side	5	6	Ant 0+1	100.00	1.00	21.00	20.41	1.15	-0.13	0.072	0.08
	WLAN2.4G	802.11b	Top Side	5	6	Ant 0+1	100.00	1.00	21.00	20.41	1.15	-0.03	0.389	0.45
	WLAN2.4G	802.11b	Bottom Side	5	6	Ant 0+1	100.00	1.00	21.00	20.41	1.15	0.06	0.196	0.23
	WLAN2.4G	802.11b	Rear Face	5	1	Ant 0+1	100.00	1.00	21.00	20.24	1.19	-0.04	0.509	0.61
1	WLAN2.4G	802.11b	Rear Face	5	11	Ant 0+1	100.00	1.00	21.00	20.27	1.18	-0.06	0.708	0.84
	WLAN5.3G	802.11ac VHT160	Front Face	5	50	Ant 0	100.00	1.00	14.50	14.43	1.02	-0.01	0.201	0.21
	WLAN5.3G	802.11ac VHT160	Rear Face	5	50	Ant 0	100.00	1.00	14.50	14.43	1.02	0.02	0.476	0.49
	WLAN5.3G	802.11ac VHT160	Left Side	5	50	Ant 0	100.00	1.00	14.50	14.43	1.02	0.05	0.901	0.92
	WLAN5.3G	802.11ac VHT160	Right Side	5	50	Ant 0	100.00	1.00	14.50	14.43	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	5	50	Ant 0	100.00	1.00	14.50	14.43	1.02	0.19	0.092	0.09
	WLAN5.3G	802.11ac VHT160	Bottom Side	5	50	Ant 0	100.00	1.00	14.50	14.43	1.02	-0.17	0.078	0.08
	WLAN5.3G	802.11ac VHT160	Front Face	5	50	Ant 1	100.00	1.00	14.00	13.91	1.02	0.05	0.305	0.31
	WLAN5.3G	802.11ac VHT160	Rear Face	5	50	Ant 1	100.00	1.00	14.00	13.91	1.02	0.01	0.893	0.91
	WLAN5.3G	802.11ac VHT160	Left Side	5	50	Ant 1	100.00	1.00	14.00	13.91	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	5	50	Ant 1	100.00	1.00	14.00	13.91	1.02	-0.03	0.053	0.05
2	WLAN5.3G	802.11ac VHT160	Top Side	5	50	Ant 1	100.00	1.00	14.00	13.91	1.02	0.05	1.17	1.19
	WLAN5.3G	802.11ac VHT160	Bottom Side	5	50	Ant 1	100.00	1.00	14.00	13.91	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Front Face	5	50	Ant 0+1	100.00	1.00	17.50	16.94	1.14	-0.06	0.31	0.35
	WLAN5.3G	802.11ac VHT160	Rear Face	5	50	Ant 0+1	100.00	1.00	17.50	16.94	1.14	0.12	0.859	0.98
	WLAN5.3G	802.11ac VHT160	Left Side	5	50	Ant 0+1	100.00	1.00	17.50	16.94	1.14	0.05	0.449	0.51
	WLAN5.3G	802.11ac VHT160	Right Side	5	50	Ant 0+1	100.00	1.00	17.50	16.94	1.14	-0.08	0.051	0.06
	WLAN5.3G	802.11ac VHT160	Top Side	5	50	Ant 0+1	100.00	1.00	17.50	16.94	1.14	-0.16	1.03	1.17
	WLAN5.3G	802.11ac VHT160	Bottom Side	5	50	Ant 0+1	100.00	1.00	17.50	16.94	1.14	0.01	0.044	0.05
	WLAN5.3G	802.11ac VHT160	Top Side	5	50	Ant 1	100.00	1.00	14.00	13.91	1.02	0.03	1.04	1.06
	WLAN5.6G	802.11ac VHT160	Front Face	5	114	Ant 0	100.00	1.00	14.50	14.46	1.01	0.01	0.212	0.21
	WLAN5.6G	802.11ac VHT160	Rear Face	5	114	Ant 0	100.00	1.00	14.50	14.46	1.01	-0.08	0.323	0.33
	WLAN5.6G	802.11ac VHT160	Left Side	5	114	Ant 0	100.00	1.00	14.50	14.46	1.01	0.13	0.554	0.56
	WLAN5.6G	802.11ac VHT160	Right Side	5	114	Ant 0	100.00	1.00	14.50	14.46	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	5	114	Ant 0	100.00	1.00	14.50	14.46	1.01	0.18	0.044	0.04
	WLAN5.6G	802.11ac VHT160	Bottom Side	5	114	Ant 0	100.00	1.00	14.50	14.46	1.01	0.14	0.079	0.08
	WLAN5.6G	802.11ac VHT160	Front Face	5	114	Ant 1	100.00	1.00	14.50	13.71	1.20	0.02	0.307	0.37
	WLAN5.6G	802.11ac VHT160	Rear Face	5	114	Ant 1	100.00	1.00	14.50	13.71	1.20	-0.05	0.779	0.93
	WLAN5.6G	802.11ac VHT160	Left Side	5	114	Ant 1	100.00	1.00	14.50	13.71	1.20	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	5	114	Ant 1	100.00	1.00	14.50	13.71	1.20	0	<0.001	0.00
3	WLAN5.6G	802.11ac VHT160	Top Side	5	114	Ant 1	100.00	1.00	14.50	13.71	1.20	-0.03	0.99	1.19
	WLAN5.6G	802.11ac VHT160	Bottom Side	5	114	Ant 1	100.00	1.00	14.50	13.71	1.20	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Front Face	5	114	Ant 0+1	100.00	1.00	17.50	16.99	1.12	0.05	0.33	0.37
	WLAN5.6G	802.11ac VHT160	Rear Face	5	114	Ant 0+1	100.00	1.00	17.50	16.99	1.12	-0.08	0.762	0.85
	WLAN5.6G	802.11ac VHT160	Left Side	5	114	Ant 0+1	100.00	1.00	17.50	16.99	1.12	0.12	0.389	0.44
	WLAN5.6G	802.11ac VHT160	Right Side	5	114	Ant 0+1	100.00	1.00	17.50	16.99	1.12	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	5	114	Ant 0+1	100.00	1.00	17.50	16.99	1.12	-0.15	0.986	1.10
	WLAN5.6G	802.11ac VHT160	Bottom Side	5	114	Ant 0+1	100.00	1.00	17.50	16.99	1.12	0.03	0.055	0.06
	WLAN5.6G	802.11ac VHT160	Top Side	5	114	Ant 1	100.00	1.00	14.50	13.71	1.20	0.08	0.91	1.09
	WLAN5.8G	802.11ac VHT80	Front Face	5	155	Ant 0	100.00	1.00	15.50	15.36	1.03	-0.11	0.203	0.21
	WLAN5.8G	802.11ac VHT80	Rear Face	5	155	Ant 0	100.00	1.00	15.50	15.36	1.03	0.17	0.268	0.28
	WLAN5.8G	802.11ac VHT80	Left Side	5	155	Ant 0	100.00	1.00	15.50	15.36	1.03	0.16	0.449	0.46
	WLAN5.8G	802.11ac VHT80	Right Side	5	155	Ant 0	100.00	1.00	15.50	15.36	1.03	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	5	155	Ant 0	100.00	1.00	15.50	15.36	1.03	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	5	155	Ant 0	100.00	1.00	15.50	15.36	1.03	-0.01	0.068	0.07
	WLAN5.8G	802.11ac VHT80	Front Face	5	155	Ant 1	100.00	1.00	15.00	14.41	1.15	0.05	0.326	0.37
	WLAN5.8G	802.11ac VHT80	Rear Face	5	155	Ant 1	100.00	1.00	15.00	14.41	1.15	-0.02	0.837	0.96
	WLAN5.8G	802.11ac VHT80	Left Side	5	155	Ant 1	100.00	1.00	15.00	14.41	1.15	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	5	155	Ant 1	100.00	1.00	15.00	14.41	1.15	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	5	155	Ant 1	100.00	1.00	15.00	14.41	1.15	0.16	1.02	1.17
	WLAN5.8G	802.11ac VHT80	Bottom Side	5	155	Ant 1	100.00	1.00	15.00	14.41	1.15	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Front Face	5	155	Ant 0+1	100.00	1.00	18.50	17.62	1.22	0.01	0.362	0.44
	WLAN5.8G	802.11ac VHT80	Rear Face	5	155	Ant 0+1	100.00	1.00	18.50	17.62	1.22	0.05	0.813	0.99
	WLAN5.8G	802.11ac VHT80	Left Side	5	155	Ant 0+1	100.00	1.00	18.50	17.62	1.22	-0.14	0.353	0.43
	WLAN5.8G	802.11ac VHT80	Right Side	5	155	Ant 0+1	100.00	1.00	18.50	17.62	1.22	0.08	0.08	0.10
4	WLAN5.8G	802.11ac VHT80												

Body SAR Test Result														
System & Position						DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	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)
	BT	BDR	Front Face	5	39	Ant 0	77.39	1.29	10.00	8.66	1.36	0	<0.001	0.00
	BT	BDR	Rear Face	5	39	Ant 0	77.39	1.29	10.00	8.66	1.36	-0.03	0.079	0.14
	BT	BDR	Left Side	5	39	Ant 0	77.39	1.29	10.00	8.66	1.36	0.08	0.066	0.12
	BT	BDR	Right Side	5	39	Ant 0	77.39	1.29	10.00	8.66	1.36	0	<0.001	0.00
	BT	BDR	Top Side	5	39	Ant 0	77.39	1.29	10.00	8.66	1.36	0	<0.001	0.00
	BT	BDR	Bottom Side	5	39	Ant 0	77.39	1.29	10.00	8.66	1.36	0	<0.001	0.00
	BT	BDR	Front Face	5	39	Ant 1	77.27	1.29	10.00	9.22	1.20	-0.08	0.043	0.07
	BT	BDR	Rear Face	5	39	Ant 1	77.27	1.29	10.00	9.22	1.20	0.11	0.077	0.12
	BT	BDR	Left Side	5	39	Ant 1	77.27	1.29	10.00	9.22	1.20	0	<0.001	0.00
	BT	BDR	Right Side	5	39	Ant 1	77.27	1.29	10.00	9.22	1.20	0	<0.001	0.00
	BT	BDR	Top Side	5	39	Ant 1	77.27	1.29	10.00	9.22	1.20	-0.16	0.053	0.08
	BT	BDR	Bottom Side	5	39	Ant 1	77.27	1.29	10.00	9.22	1.20	0	<0.001	0.00
	BT	BDR	Rear Face	5	0	Ant 0	77.39	1.29	10.00	8.24	1.50	0.09	0.052	0.10
5	BT	BDR	Rear Face	5	78	Ant 0	77.39	1.29	10.00	8.20	1.51	0.02	0.081	0.16

SAR and Power Density Test Result

System & Position						DUT Configuration	SAR									
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	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)	Measured APD W/m ² (4cm ²)	Scaled APD W/m ² (4cm ²)
	UNII-5	802.11ax HE160	Front Face	5	79	Ant 0	100.00	1.00	12.50	12.32	1.04	-0.09	0.187	0.19	1.48	1.54
	UNII-5	802.11ax HE160	Rear Face	5	79	Ant 0	100.00	1.00	12.50	12.32	1.04	0.02	0.321	0.33	2.3	2.39
	UNII-5	802.11ax HE160	Left Side	5	79	Ant 0	100.00	1.00	12.50	12.32	1.04	0.13	0.376	0.39	2.53	2.63
	UNII-5	802.11ax HE160	Right Side	5	79	Ant 0	100.00	1.00	12.50	12.32	1.04	-0.14	<0.001	0.00	0	0
	UNII-5	802.11ax HE160	Top Side	5	79	Ant 0	100.00	1.00	12.50	12.32	1.04	0.02	0.043	0.04	0.369	0.38
	UNII-5	802.11ax HE160	Bottom Side	5	79	Ant 0	100.00	1.00	12.50	12.32	1.04	0.05	0.048	0.05	0.447	0.46
	UNII-5	802.11ax HE160	Front Face	5	79	Ant 1	100.00	1.00	9.50	9.31	1.04	-0.08	0.199	0.21	1.51	1.57
	UNII-5	802.11ax HE160	Rear Face	5	79	Ant 1	100.00	1.00	9.50	9.31	1.04	0.12	0.37	0.38	2.8	2.91
	UNII-5	802.11ax HE160	Left Side	5	79	Ant 1	100.00	1.00	9.50	9.31	1.04	0	<0.001	0.00	0.001	0
	UNII-5	802.11ax HE160	Right Side	5	79	Ant 1	100.00	1.00	9.50	9.31	1.04	-0.13	0.01	0.01	0.08	0.08
	UNII-5	802.11ax HE160	Top Side	5	79	Ant 1	100.00	1.00	9.50	9.31	1.04	0.09	0.41	0.43	3.11	3.23
	UNII-5	802.11ax HE160	Bottom Side	5	79	Ant 1	100.00	1.00	9.50	9.31	1.04	0	<0.001	0.00	0.001	0
	UNII-5	802.11ax HE160	Front Face	5	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12	-0.16	0.167	0.19	1.22	1.37
	UNII-5	802.11ax HE160	Rear Face	5	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12	-0.04	0.335	0.38	2.44	2.73
	UNII-5	802.11ax HE160	Left Side	5	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12	0.17	0.097	0.11	0.708	0.79
	UNII-5	802.11ax HE160	Right Side	5	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12	-0.1	0.009	0.01	0.066	0.07
6	UNII-5	802.11ax HE160	Top Side	5	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12	0.03	0.488	0.55	3.56	3.99
	UNII-5	802.11ax HE160	Bottom Side	5	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12	0.02	0.01	0.01	0.073	0.08
	UNII-5	802.11ax HE160	Top Side	5	15	Ant 0+1	100.00	1.00	15.00	14.47	1.13	0.09	0.407	0.46	2.97	3.36
	UNII-5	802.11ax HE160	Top Side	5	47	Ant 0+1	100.00	1.00	15.00	14.42	1.14	-0.09	0.38	0.43	2.77	3.16
	UNII-6	802.11ax HE160	Top Side	5	111	Ant 0+1	100.00	1.00	15.00	14.34	1.16	-0.1	0.456	0.53	3.32	3.85
	UNII-7	802.11ax HE160	Top Side	5	143	Ant 0+1	100.00	1.00	15.00	14.44	1.14	0.04	0.455	0.52	3.31	3.77
	UNII-7	802.11ax HE160	Top Side	5	175	Ant 0+1	100.00	1.00	15.00	14.36	1.16	-0.13	0.302	0.35	2.2	2.55
	UNII-8	802.11ax HE160	Top Side	5	207	Ant 0+1	100.00	1.00	15.00	14.45	1.14	-0.02	0.23	0.26	1.68	1.92

SAR and Power Density Test Result																				
System & Position						DUT Configuration	SAR					Power Density								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Grid Step [λ]	iPD [W/m ²]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm ²]	Power Drift [dB]	Normal psPD [W/m ²]	Scaled Normal psPD [W/m ²]	Total psPD [W/m ²]	Scaled Total psPD [W/m ²]
	UNII-5	802.11ax HE160	Front Face	2	79	Ant 0	100.00	1.00	12.50	12.32	1.04									
	UNII-5	802.11ax HE160	Rear Face	2	79	Ant 0	100.00	1.00	12.50	12.32	1.04									
	UNII-5	802.11ax HE160	Left Side	2	79	Ant 0	100.00	1.00	12.50	12.32	1.04									
	UNII-5	802.11ax HE160	Right Side	2	79	Ant 0	100.00	1.00	12.50	12.32	1.04									
	UNII-5	802.11ax HE160	Top Side	2	79	Ant 0	100.00	1.00	12.50	12.32	1.04									
	UNII-5	802.11ax HE160	Bottom Side	2	79	Ant 0	100.00	1.00	12.50	12.32	1.04									
	UNII-5	802.11ax HE160	Front Face	2	79	Ant 1	100.00	1.00	9.50	9.31	1.04									
	UNII-5	802.11ax HE160	Rear Face	2	79	Ant 1	100.00	1.00	9.50	9.31	1.04									
	UNII-5	802.11ax HE160	Left Side	2	79	Ant 1	100.00	1.00	9.50	9.31	1.04									
	UNII-5	802.11ax HE160	Right Side	2	79	Ant 1	100.00	1.00	9.50	9.31	1.04									
	UNII-5	802.11ax HE160	Top Side	2	79	Ant 1	100.00	1.00	9.50	9.31	1.04	0.125	15.16	1.545	4.00	0.07	2.44	3.77	4.48	7.2
	UNII-5	802.11ax HE160	Bottom Side	2	79	Ant 1	100.00	1.00	9.50	9.31	1.04									
	UNII-5	802.11ax HE160	Front Face	2	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12									
	UNII-5	802.11ax HE160	Rear Face	2	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12									
	UNII-5	802.11ax HE160	Left Side	2	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12									
7	UNII-5	802.11ax HE160	Top Side	2	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12	0.0529	20.20	1.545	4.00	-0.04	2.8	4.33	5.13	8.88
	UNII-5	802.11ax HE160	Bottom Side	2	79	Ant 0+1	100.00	1.00	15.00	14.49	1.12									
	UNII-5	802.11ax HE160	Top Side	2	15	Ant 0+1	100.00	1.00	15.00	14.47	1.13	0.0502	16.25	1.545	4.00	0.03	2.41	3.72	4.12	7.19
	UNII-5	802.11ax HE160	Top Side	2	47	Ant 0+1	100.00	1.00	15.00	14.42	1.14									
	UNII-6	802.11ax HE160	Top Side	2	111	Ant 0+1	100.00	1.00	15.00	14.34	1.16	0.0542	18.84	1.545	4.00	-0.08	2.71	4.19	4.78	8.57
	UNII-7	802.11ax HE160	Top Side	2	143	Ant 0+1	100.00	1.00	15.00	14.44	1.14	0.0555	18.48	1.545	4.00	0.06	2.64	4.08	4.69	8.26
	UNII-7	802.11ax HE160	Top Side	2	175	Ant 0+1	100.00	1.00	15.00	14.36	1.16									
	UNII-8	802.11ax HE160	Top Side	2	207	Ant 0+1	100.00	1.00	15.00	14.45	1.14									

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	Top Side	50	1.17	1.04	1.13
R03	WLAN5.6G	802.11ac VHT160	Top Side	114	0.99	0.91	1.09
R04	WLAN5.8G	802.11ac VHT80	Top Side	155	0.97	0.93	1.04

Appendix H. Analysis of Simultaneous Transmission.

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 2.4G Ant 0 + WLAN 5G Ant 1	Yes
B	WLAN 2.4G Ant 1 + WLAN 5G Ant 0	Yes
C	WLAN 2.4G Ant 0 + BT Ant 1	Yes
D	WLAN 2.4G Ant 1 + BT Ant 0	Yes
E	WLAN 5G Ant 0 + BT Ant 1	Yes
F	WLAN 5G Ant 1 + BT Ant 0	Yes
G	WLAN 6G Ant 0 + BT Ant 1	Yes
H	WLAN 6G Ant 1 + BT Ant 0	Yes

Position	1	2	3	4	5	6	5b	6b	7	8	A(1+4)	B(2+3)	C(1+8)	D(2+7)	E(3+8)	F(4+7)	G(5+8)	H(6+7)	G(5b+8)	H(6b+7)
	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	Max WLAN 5GHz Ant 0	Max WLAN 5GHz Ant 1	Max WLAN 6GHz Ant 0	Max WLAN 6GHz Ant 1	Max WLAN 6GHz Ant 0	Max WLAN 6GHz Ant 1	Max BT Ant 0	Max BT Ant 1	Summimg result	Summimg result	Summimg result	Summimg result	Summimg result	Summimg result	Summimg result	Summimg result	Total Exposure Ratio	Total Exposure Ratio
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	4cm ² W/m ²	4cm ² W/m ²	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		
Front Face	0.43	0.38	0.21	0.37	0.19	0.21			0.00	0.07	0.80	0.59	0.50	0.38	0.28	0.37	0.26	0.21	0.04	0.00
Rear Face	0.60	0.64	0.49	0.96	0.33	0.38			0.16	0.12	1.56	1.13	0.72	0.80	0.61	1.12	0.45	0.54	0.08	0.10
Left Side	0.57	0.00	0.92	0.00	0.39	0.00			0.12	0.00	0.57	0.92	0.57	0.12	0.92	0.12	0.39	0.12	0.00	0.08
Right Side	0.00	0.10	0.00	0.05	0.00	0.01			0.00	0.00	0.05	0.10	0.00	0.10	0.00	0.05	0.00	0.01	0.00	0.00
Top Side	0.00	0.53	0.09	1.19	0.04	0.43		7.20	0.00	0.08	1.19	0.62	0.08	0.53	0.17	1.19	0.12	0.43	0.05	0.72
Bottom Side	0.17	0.00	0.08	0.00	0.05	0.00			0.00	0.00	0.17	0.08	0.17	0.00	0.08	0.00	0.05	0.00	0.00	0.00

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_Feb26**CALIBRATION CERTIFICATE**

Object

D2450V2 - SN: 737

Calibration procedure(s)

QA CAL-05.v13

Calibration Procedure for SAR Validation Sources between 0.7 - 3 GHz

Calibration date

February 19, 2026

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

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^{\circ}\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Power Sensor R&S NRP40T	SN: 101861	29-Apr-25 (No. 2025-001450)	Apr-26
Power Sensor R&S NRP18A	SN: 101859	06-Feb-25 (No. 4030A315009541)	Feb-26
Spectrum Analyzer R&S FSV40	SN: 101832	23-Jan-26 (No. 4030A315011865)	Jan-27
3.5mm mismatch combination	SN: 1152	24-Mar-25 (No. 217-04293)	Mar-26
OCP DAK-12	SN: 1016	16-Sept-25 (No. OCP-DAK12-1016_Sep25)	Sep-26
OCP DAK-3.5	SN: 1249	16-Sept-25 (No. OCP-DAK3.5-1249_Sep25)	Sep-26
Reference Probe EX3DV4	SN: 7349	29-Jan-26 (No. EX3-7349_Jan26)	Jan-27
DAE4ip	SN: 1640	03-Nov-25 (No. DAE4ip-1640_Nov25)	Nov-26

Secondary Standards	ID	Check Date (in house)	Scheduled Check
ACAD Setup 1	SN: 1000	27-May-25 (No. 675-ACAD_Source_Box-250527)	May-26
Signal Generator R&S SMB100A	SN: 182081	27-May-25 (No. 675-CAL16-S4588-250527)	May-26
Mismatch; SMA	SN: 1102	24-Apr-25 (No. 675-Mismatch_SMA-250424)	Apr-26
OCP DAK-12	SN: 1029	27-Feb-25 (No. OCP-DAK12-1029_Feb25)	Feb-26
OCP DAK-3.5	SN: 1336	10-Dec-25 (No. OCP-DAK3.5-1336_Dec25)	Dec-26

	Name	Function	Signature
Calibrated by	Krešimir Franjić	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
Issued: February 19, 2026			
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			



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

Accreditation No.: SCS 0108

Glossary

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

Calibration is Performed According to the Following Standards

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

Additional Documentation

- 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 impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. 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	DASY8 Module SAR	17.0.2
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with spacer
Frequency	2450MHz $\pm$ 1MHz	

HSL parameters at 2450 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal HSL parameters	22.0 °C	39.2	1.80 mho/m
Measured HSL parameters	(22.0 $\pm$ 0.2)°C	37.6 $\pm$ 6%	1.87 mho/m $\pm$ 6%
HSL temperature change during test	< 0.5 °C		

SAR result with HSL at 2450 MHz

SAR averaged over 1 cm³ (1 g) of HSL	Condition	
SAR for nominal HSL parameters	24 dBm input power	12.9 W/kg
SAR for nominal HSL parameters	normalized to 1W	51.4 W/kg $\pm$ 17.0% (k = 2)

SAR averaged over 10 cm³ (10 g) of HSL	Condition	
SAR for nominal HSL parameters	24 dBm input power	6.04 W/kg
SAR for nominal HSL parameters	normalized to 1W	24.0 W/kg $\pm$ 16.5% (k = 2)

Appendix (Additional assessments outside the scope of SCS 0108)**Antenna Parameters with HSL at 2450 MHz**

Impedance	$54.2 \Omega + 4.6 j\Omega$
Return Loss	-24.5 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
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System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D2450V2 - SN737	2450	HSL	24

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0--	2450, 0	7.34	1.87	37.6

Hardware Setup

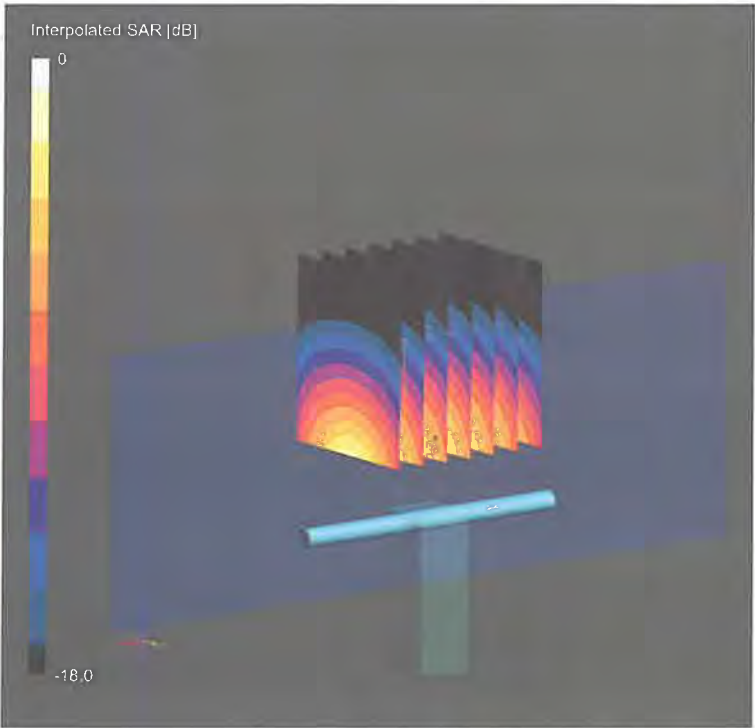
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center	HSL, 2026-02-19	EX3DV4 - SN7349, 2026-01-29	DAE4ip Sn1640, 2025-11-03

Scans Setup

	Zoom Scan
Grid Extents [mm]	30 x 30 x 30
Grid Steps [mm]	5.0 x 5.0 x 1.5
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.5
MAIA	N/A
Surface Detection	VMS + 6p
Scan Method	Measured

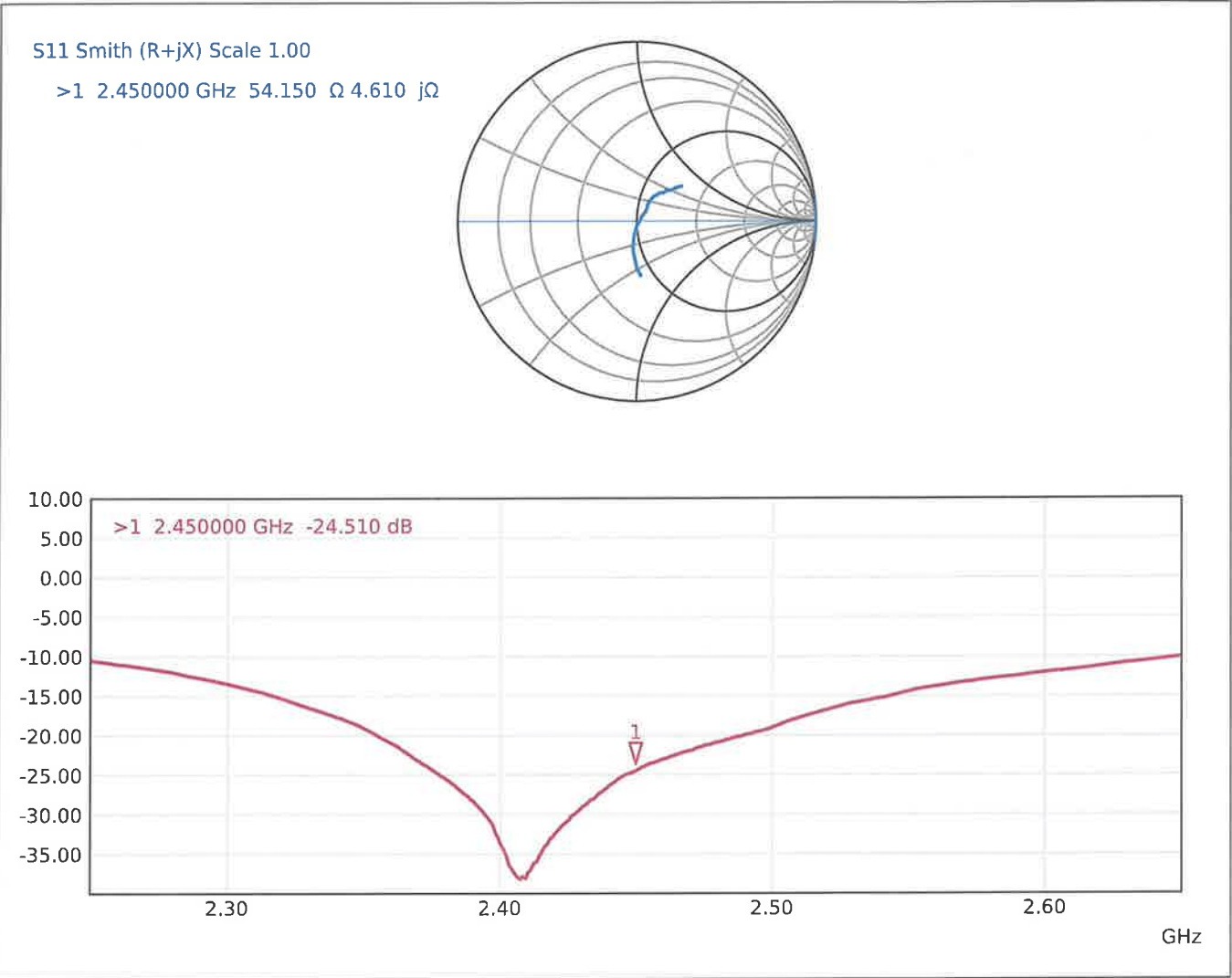
Measurement Results

	Zoom Scan
Date	2026-02-19
psSAR1g [W/Kg]	12.9
psSAR10g [W/Kg]	6.04
Power Drift [dB]	0.00
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



0 dB = 26.9 W/Kg

Impedance Measurement Plot for HSL





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Multilateral Agreement for the recognition of calibration certificates**

Accreditation No.: SCS 0108

Client
B.V. ADT
Taoyuan City

Certificate No. **D5GHzV2-1019_Feb26**

CALIBRATION CERTIFICATE

Object D5GHzV2 - SN: 1019

Calibration procedure(s) QA CAL-22.v8
Calibration Procedure for SAR Validation Sources between 3 - 10 GHz

Calibration date February 19, 2026

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

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^{\circ}\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Power Sensor R&S NRP40T	SN: 101861	29-Apr-25 (No. 2025-001450)	Apr-26
Power Sensor R&S NRP18A	SN: 101859	06-Feb-25 (No. 4030A315009541)	Feb-26
Spectrum Analyzer R&S FSV40	SN: 101832	23-Jan-26 (No. 4030A315011865)	Jan-27
3.5mm mismatch combination	SN: 1152	24-Mar-25 (No. 217-04293)	Mar-26
OCP DAK-12	SN: 1016	16-Sept-25 (No. OCP-DAK12-1016_Sep25)	Sep-26
OCP DAK-3.5	SN: 1249	16-Sept-25 (No. OCP-DAK3.5-1249_Sep25)	Sep-26
Reference Probe EX3DV4	SN: 7349	29-Jan-26 (No. EX3-7349_Jan26)	Jan-27
DAE4ip	SN: 1836	18-Feb-26 (No. DAE4ip-1836_Feb26)	Feb-27

Secondary Standards	ID	Check Date (in house)	Scheduled Check
ACAD Setup 1	SN: 1000	27-May-25 (No. 675-ACAD_Source_Box-250527)	May-26
Signal Generator R&S SMB100A	SN: 182081	27-May-25 (No. 675-CAL16-S4588-250527)	May-26
Mismatch; SMA	SN: 1102	24-Apr-25 (No. 675-Mismatch_SMA-250424)	Apr-26
OCP DAK-12	SN: 1029	27-Feb-25 (No. OCP-DAK12-1029_Feb25)	Feb-26
OCP DAK-3.5	SN: 1336	10-Dec-25 (No. OCP-DAK3.5-1336_Dec25)	Dec-26

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

Issued: February 20, 2026

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Accreditation No.: SCS 0108

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

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

Additional Documentation

- 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 impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. 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	DASY8 Module SAR	17.0.2
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with spacer
Frequency	5250MHz $\pm$ 1MHz 5600MHz $\pm$ 1MHz 5800MHz $\pm$ 1MHz	

HSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal HSL parameters	22.0 °C	35.9	4.71 mho/m
Measured HSL parameters	(22.0 $\pm$ 0.2)°C	36.9 $\pm$ 6%	4.66 mho/m $\pm$ 6%
HSL temperature change during test	< 0.5 °C		

SAR result with HSL at 5250 MHz

SAR averaged over 1 cm³ (1 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	8.13 W/kg
SAR for nominal HSL parameters	normalized to 1W	81.3 W/kg $\pm$ 19.9% (k = 2)

SAR averaged over 10 cm³ (10 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	2.33 W/kg
SAR for nominal HSL parameters	normalized to 1W	23.3 W/kg $\pm$ 19.5% (k = 2)

HSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal HSL parameters	22.0 °C	35.5	5.07 mho/m
Measured HSL parameters	(22.0 ±0.2)°C	36.2 ±6%	5.04 mho/m ±6%
HSL temperature change during test	< 0.5 °C		

SAR result with HSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	8.09 W/kg
SAR for nominal HSL parameters	normalized to 1W	80.9 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	2.33 W/kg
SAR for nominal HSL parameters	normalized to 1W	23.3 W/kg ±19.5% (k = 2)

HSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal HSL parameters	22.0 °C	35.3	5.27 mho/m
Measured HSL parameters	(22.0 ±0.2)°C	36.0 ±6%	5.26 mho/m ±6%
HSL temperature change during test	< 0.5 °C		

SAR result with HSL at 5800 MHz

SAR averaged over 1 cm ³ (1 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	7.95 W/kg
SAR for nominal HSL parameters	normalized to 1W	79.5 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	2.27 W/kg
SAR for nominal HSL parameters	normalized to 1W	22.7 W/kg ±19.5% (k = 2)

Appendix (Additional assessments outside the scope of SCS 0108)**Antenna Parameters with HSL at 5250 MHz**

Impedance	51.8 Ω – 2.1 j Ω
Return Loss	-31.4 dB

Antenna Parameters with HSL at 5600 MHz

Impedance	57.8 Ω + 0.5 j Ω
Return Loss	-22.8 dB

Antenna Parameters with HSL at 5800 MHz

Impedance	56.5 Ω + 3.8 j Ω
Return Loss	-23.0 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
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System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 -- SN1019	5250	HSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10	CW, 0---		5250, 0	5.59	4.66	36.9

Hardware Setup

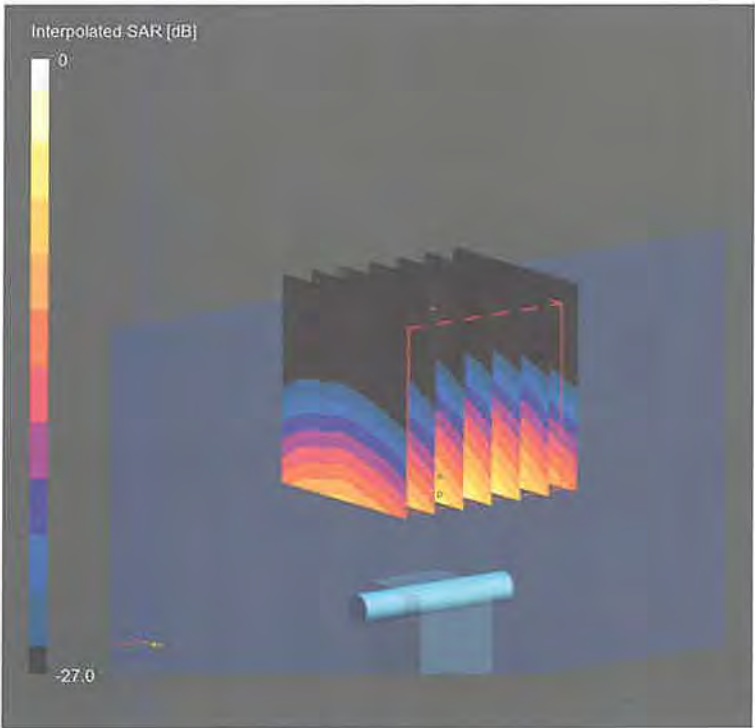
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP VB.0 Center	HSL, 2026-02-19	EX3DV4 -- SN7349, 2026-01-29	DAE4ip Sn1836, 2026-02-18

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 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	2026-02-19
psSAR1g [W/Kg]	8.13
psSAR10g [W/Kg]	2.33
Power Drift [dB]	0.00
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



0 dB = 33.1 W/Kg

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1019	5600	HSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10	CW, 0---		5600, 0	5.18	5.04	36.2

Hardware Setup

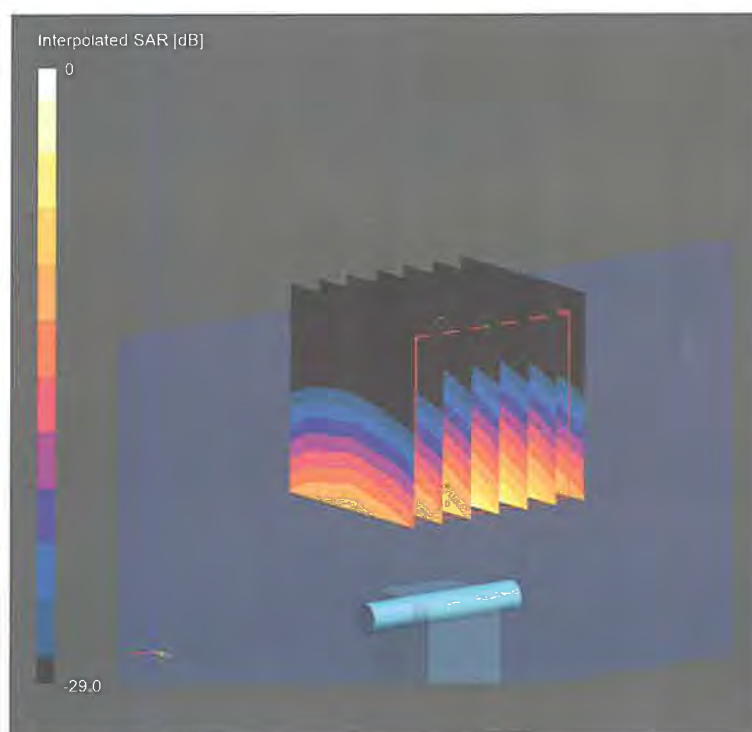
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center	HSL, 2026-02-19	EX3DV4 - SN7349, 2026-01-29	DAE4ip Sn1836, 2026-02-18

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 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	2026-02-19
psSAR1g [W/Kg]	8.09
psSAR10g [W/Kg]	2.33
Power Drift [dB]	-0.01
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



0 dB = 35.5 W/Kg

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1019	5800	HSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10	CW, 0--		5800, 0	5.2	5.26	36.0

Hardware Setup

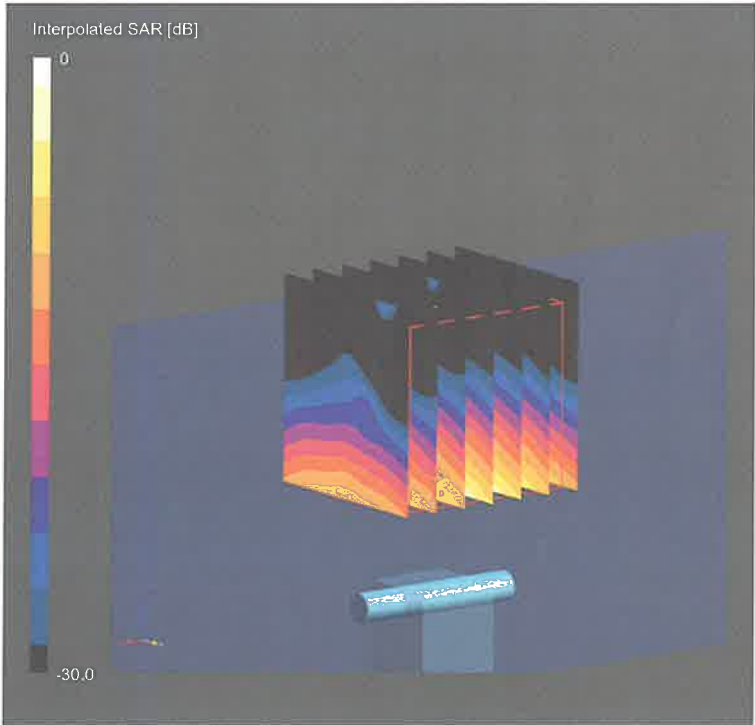
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center	HSL, 2026-02-19	EX3DV4 - SN7349, 2026-01-29	DAE4ip Sn1836, 2026-02-18

Scans Setup

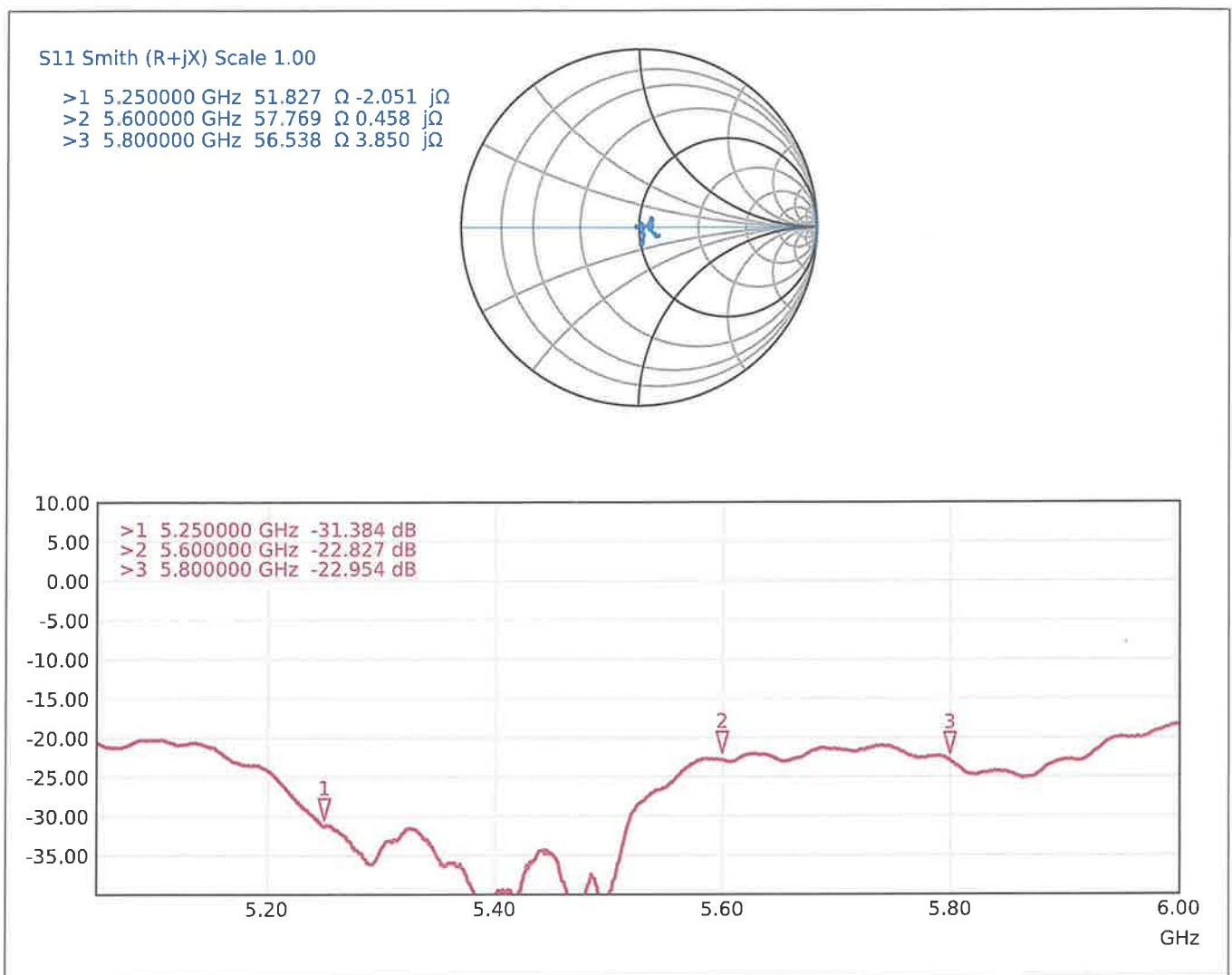
	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.4
MAIA	N/A
Surface Detection	VMS + 6p
Scan Method	Measured

Measurement Results

	Zoom Scan
Date	2026-02-19
psSAR1g [W/Kg]	7.95
psSAR10g [W/Kg]	2.27
Power Drift [dB]	-0.01
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



0 dB = 36.2 W/Kg

Impedance Measurement Plot for HSL



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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client
Auden
Taoyuan City

Certificate No. **D6.5GHzV2-1029_Jun26**

CALIBRATION CERTIFICATE

Object **D6.5GHzV2 - SN: 1029**

Calibration procedure(s) **QA CAL-22.v8
Calibration Procedure for SAR Validation Sources between 3 - 10 GHz**

Calibration date **June 11, 2026**

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

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Power Sensor R&S NRP40T	SN: 101861	22-Apr-26 (No. 2026-007003)	Apr-27
Power Sensor R&S NRP18AN	SN: 100961	22-Aug-25 (No. 4030A315010971)	Aug-26
Spectrum Analyzer R&S FSV40	SN: 101832	23-Jan-26 (No. 4030A315011865)	Jan-27
3.5mm mismatch combination	SN: 1152	24-Mar-26 (No. 2026-005594)	Mar-27
OCP DAK-12	SN: 1016	16-Sept-25 (No. OCP-DAK12-1016_Sep25)	Sep-26
OCP DAK-3.5	SN: 1249	16-Sept-25 (No. OCP-DAK3.5-1249_Sep25)	Sep-26
Reference Probe EX3DV4	SN: 7349	29-Jan-26 (No. EX3-7349_Jan26)	Jan-27
DAE4ip	SN: 1836	28-May-26 (No. DAE4ip-1836_May26)	May-27

Secondary Standards	ID	Check Date (in house)	Scheduled Check
ACAD Setup 1	SN: 1000	29-May-26 (No. IHCK_ACAD2023-1_May26)	May-27
Signal Generator R&S SMB100A	SN: 182081	29-May-26 (No. IHCK_ACAD2023-1_May26)	May-27
Mismatch; SMA	SN: 1102	24-Apr-26 (No. IHCK_L1102_Mismatch_Apr26)	Apr-27
OCP DAK-12	SN: 1029	24-Feb-26 (No. OCP-DAK12-1029_Feb26)	Feb-27
OCP DAK-3.5	SN: 1336	10-Dec-25 (No. OCP-DAK3.5-1336_Dec25)	Dec-26

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

Issued: June 11, 2026

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Accreditation No.: **SCS 0108**

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

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

Additional Documentation

- 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 impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. 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	DASY8 Module SAR	17.0.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	5 mm	with spacer
Frequency	6500MHz $\pm$ 1MHz	

HSL parameters at 6500 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal HSL parameters	22.0 °C	34.5	6.07 mho/m
Measured HSL parameters	(22.0 $\pm$ 0.2)°C	35.0 $\pm$ 6%	6.30 mho/m $\pm$ 6%
HSL temperature change during test	< 0.5 °C		

SAR result with HSL at 6500 MHz

SAR averaged over 1 cm ³ (1 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	30.3 W/kg
SAR for nominal HSL parameters	normalized to 1W	303 W/kg $\pm$ 24.7% (k = 2)

SAR averaged over 8 cm ³ (8 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	6.83 W/kg
SAR for nominal HSL parameters	normalized to 1W	68.3 W/kg $\pm$ 24.4% (k = 2)

SAR averaged over 10 cm ³ (10 g) of HSL	Condition	
SAR for nominal HSL parameters	20 dBm input power	5.64 W/kg
SAR for nominal HSL parameters	normalized to 1W	56.4 W/kg $\pm$ 24.4% (k = 2)

Appendix (Additional assessments outside the scope of SCS 0108)**Antenna Parameters with HSL at 6500 MHz**

Impedance	51.1 Ω – 2.8 j Ω
Return Loss	-30.6 dB

APD (Absorbed Power Density)

APD averaged over 1 cm ²	Condition	
APD measured	20 dBm input power	302 W/m ²
APD measured	normalized to 1W	3020 W/m ² $\pm$ 29.2% (k = 2)

APD averaged over 4 cm ²	Condition	
APD measured	20 dBm input power	136 W/m ²
APD measured	normalized to 1W	1360 W/m ² $\pm$ 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
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System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D6.5GHzV2 - SN1029	6500	HSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	5	CW, 0--		6500, 0	5.56	6.30	35.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Right	HSL, 2026-06-11	EX3DV4 - SN7349, 2026-01-29	DAE4ip Sn1836, 2026-05-28

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
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

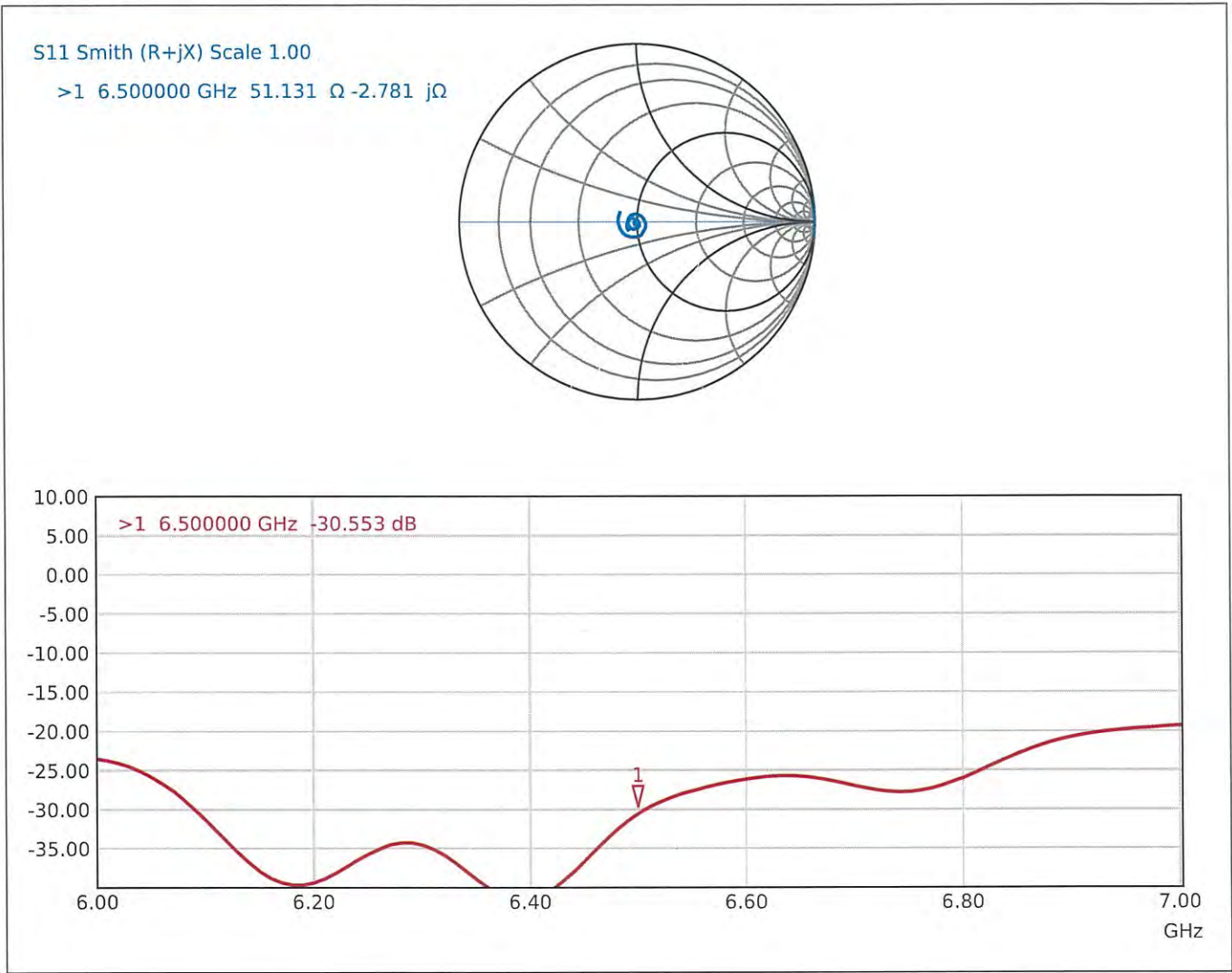
Measurement Results

	Zoom Scan
Date	2026-06-11
psSAR1g [W/Kg]	30.3
psSAR10g [W/Kg]	5.64
Pover Drift [dB]	0.00
Power Scaling	Disabled
Scaling Factor [dB]	
:TSL Correction	Positive / Negative



0 dB = 193 W/Kg

Impedance Measurement Plot for HSL





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Multilateral Agreement for the recognition of calibration certificates**

Accreditation No.: SCS 0108

Client
B.V. ADT
Taoyuan City

Certificate No. **5G-Veri10-1025_Jan26**

CALIBRATION CERTIFICATE

Object 5G Verification Source 10 GHz - SN: 1025

Calibration procedure(s) QA CAL-45.v6
Calibration procedure for sources in air > 6 GHz

Calibration date January 14, 2026

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

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Reference Probe EummWV3	SN: 9374	26-Aug-25 (No. Eumm_9374_Aug25)	Aug-26
DAE4ip	SN: 1602	30-Oct-25 (No. DAE4ip-1602_Oct25)	Oct-26

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Signal Generator R&S SMF100A	SN: 100184	25-Nov-25 (No. IHCK_5G_VS_Nov25)	Nov-26
Power Sensor R&S NRP18S-10	SN: 101258	25-Nov-25 (No. IHCK_5G_VS_Nov25)	Nov-26
Network Analyzer Keysight E5063A	SN: MY54504221	30-Sept-24 (No. 675-CAL18-S4489-Sep24)	Sep-26

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

Issued: January 14, 2026

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Calibration Laboratory of

Schmid & Partner
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
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S Servizio svizzero di taratura
S Swiss Calibration Service

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Accreditation No.: SCS 0108

Glossary

CW Continuous wave

Calibration is Performed According to the Following Standards

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

Methods Applied and Interpretation of Parameters

- *Coordinate System*: z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- *Measurement Conditions*: (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. The forward power is measured prior and after the measurement with a power sensor. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by 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*: The E-field is measured in two x-y-planes (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 (1cm² and 4cm²) power density values at 10mm in front of the horn.
- *Field polarization*: Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

Calibrated Quantity

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

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

Measurement Conditions

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

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
Number of measured planes	2 (10mm, 10mm + $\lambda/4$)	
Frequency	10.0 GHz $\pm$ 10 MHz	

Calibration Parameters, 10 GHz

Circular Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	152	1.27 dB	58.4	54.6	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	152	1.27 dB	58.1, 58.5, 58.7	54.3, 54.6, 54.8	1.28 dB

Square Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	152	1.27 dB	58.4	54.5	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	152	1.27 dB	58.1, 58.4, 58.7	54.2, 54.5, 54.7	1.28 dB

Max Power Density

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Max Power Density Sn, Stot, Stot (W/m ²)	Uncertainty (k = 2)
10 mm	93.3	152	1.27 dB	59.6, 60.1, 60.2	1.28 dB

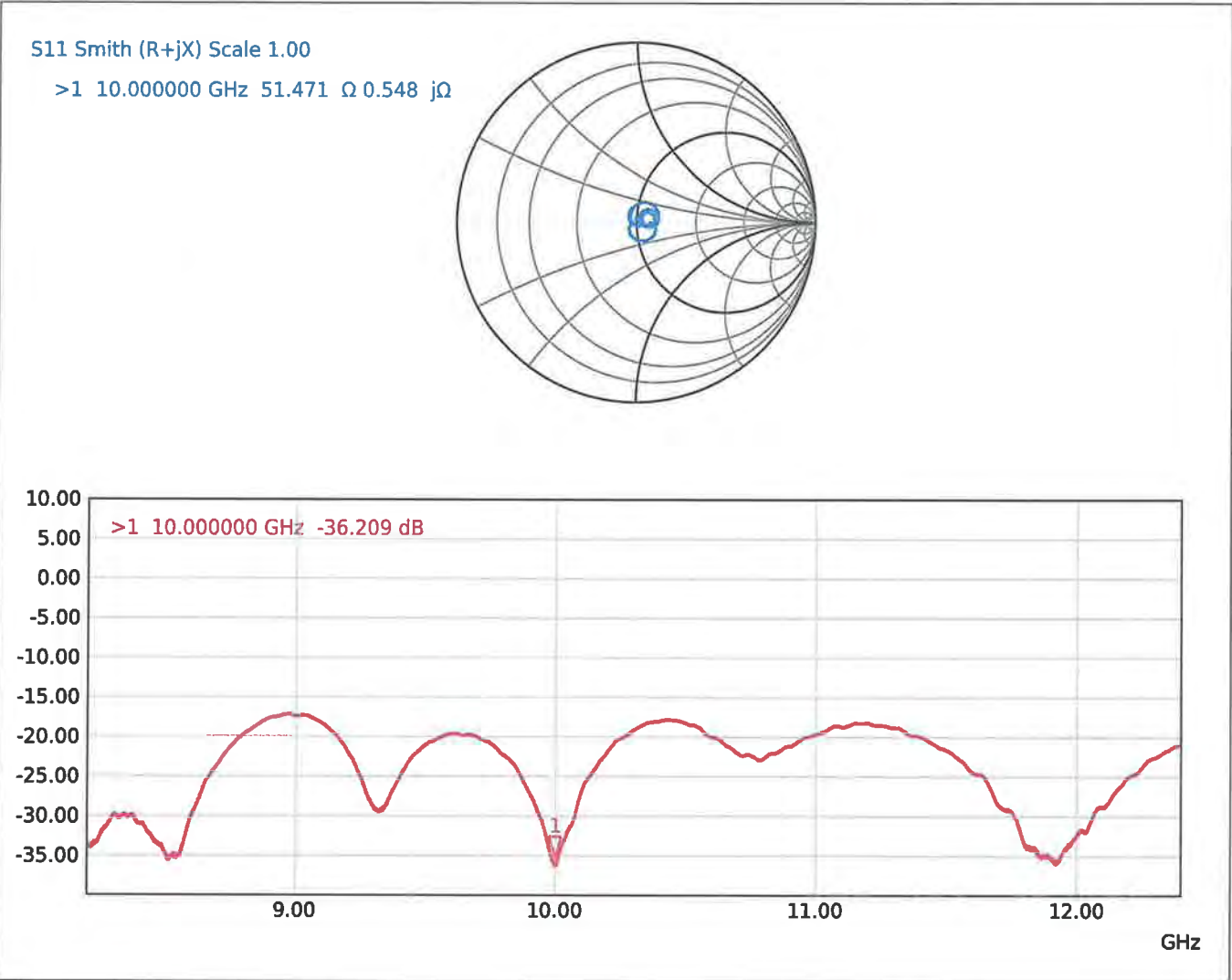
¹ Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	51.5 Ω + 0.5 jΩ
Return Loss	-36.2 dB

Impedance Measurement Plot



DASY Report

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

Device Under Test Properties

Model, 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, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0--	10000.0,10000	1.0

Hardware Setup

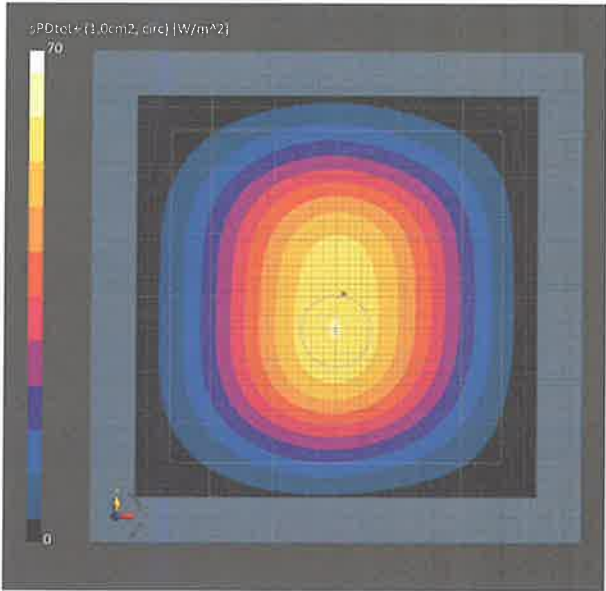
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom --	Air --	EUMmWV3 - SN9374_F1-55GHz, 2025-08-26	DAE4ip - SN1602, 2025-10-30

Scans Setup

Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2026-01-14
Avg. Area [cm ²]	1.00
Avg. Type	Circular Averaging
psPDn+ [W/m ²]	58.1
psPDtot+ [W/m ²]	58.5
psPDmod+ [W/m ²]	58.7
Max(Sn) [W/m ²]	59.6
Max(Stot) [W/m ²]	60.1
Max(Stot) [W/m ²]	60.2
E _{max} [V/m]	152
Power Drift [dB]	0.02



DASY Report

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

Device Under Test Properties

Model, 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, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0--	10000.0,10000	1.0

Hardware Setup

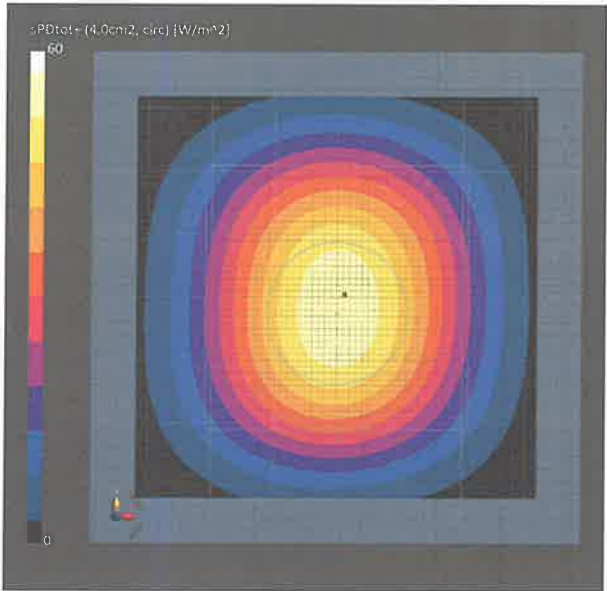
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom --	Air --	EUmmWV3 -- SN9374_F1--55GHz, 2025-08-26	DAE4ip -- SN1602, 2025-10-30

Scans Setup

Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-01-14
Avg. Area [cm ²]	4.00
Avg. Type	Circular Averaging
psPDn+ [W/m ²]	54.3
psPDtot+ [W/m ²]	54.6
psPDmod+ [W/m ²]	54.8
Max(Sn) [W/m ²]	59.6
Max(Stot) [W/m ²]	60.1
Max(Stot) [W/m ²]	60.2
E _{max} [V/m]	152
Power Drift [dB]	0.02



DASY Report

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

Device Under Test Properties

Model, 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, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0---	10000.0,10000	1.0

Hardware Setup

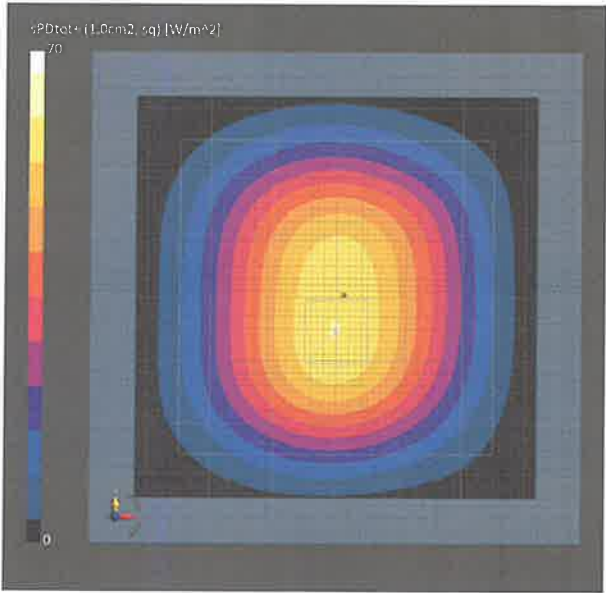
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom --	Air --	EUmmWV3 -- SN9374_F1--55GHz, 2025-08-26	DAE4ip -- SN1602, 2025-10-30

Scans Setup

Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2026-01-14
Avg. Area [cm ²]	1.00
Avg. Type	Square Averaging
psPDn+ [W/m ²]	58.1
psPDtot+ [W/m ²]	58.4
psPDmod+ [W/m ²]	58.7
Max(Sn) [W/m ²]	59.6
Max(Stot) [W/m ²]	60.1
Max(Stot) [W/m ²]	60.2
E _{max} [V/m]	152
Power Drift [dB]	0.02



DASY Report

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

Device Under Test Properties

Model, 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, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0--	10000.0,10000	1.0

Hardware Setup

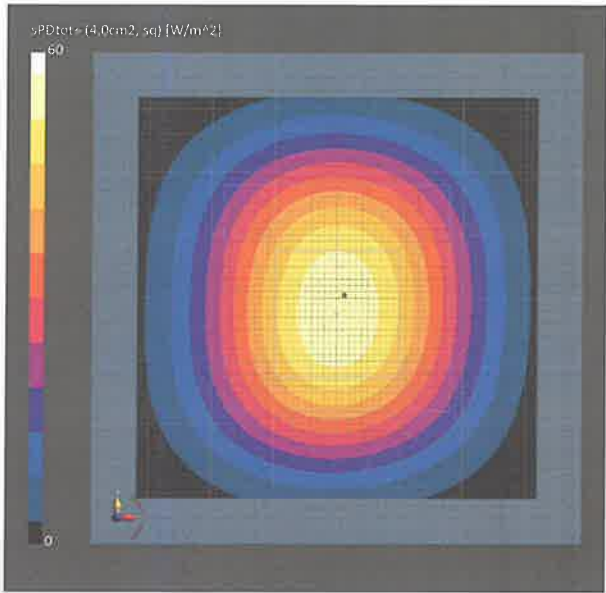
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom --	Air --	EUMmWV3 -- SN9374_F1--55GHz, 2025-08-26	DAE4ip -- SN1602, 2025-10-30

Scans Setup

Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2026-01-14
Avg. Area [cm ²]	4.00
Avg. Type	Square Averaging
psPDn+ [W/m ²]	54.2
psPDtot+ [W/m ²]	54.5
psPDmod+ [W/m ²]	54.7
Max(Sn) [W/m ²]	59.6
Max(Stot) [W/m ²]	60.1
Max(IStot) [W/m ²]	60.2
E _{max} [V/m]	152
Power Drift [dB]	0.02



Calibration Laboratory ofSchmid & Partner
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

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Multilateral Agreement for the recognition of calibration certificates**Accreditation No.: **SCS 0108**

Client

B.V. ADT

Taoyuan City

Certificate No.

EX-7736_Feb26**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, QA CAL-48.v2
Calibration procedure for dosimetric E-field probes

Calibration date

February 20, 2026

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	Calibration Date (Certificate No.)	Sched. Cal.
Power Sensor R&S NRP40T	SN: 101861	29-Apr-25 (No. 2025-001450)	Apr-26
N-type mismatch combination	SN: L1119	26-Mar-25 (No. 217-04292)	Mar-26
OCP DAK-12	SN: 1016	16-Sept-25 (No. OCP-DAK12-1016_Sep25)	Sep-26
OCP DAK-3.5	SN: 1249	16-Sept-25 (No. OCP-DAK3.5-1249_Sep25)	Sep-26
Reference Probe EX3DV4	SN: 7349	29-Jan-26 (No. EX3-7349_Jan26)	Jan-27
DAE4	SN: 1301	22-Jan-26 (No. DAE4-1301_Jan26)	Jan-27

Secondary Standards	ID	Check Date (in house)	Sched. Check
ACAP 2020 Setup 1	SN: L1404	01-Oct-25 (No. IHCK_ACAP2020-1_Oct25)	Oct-26
OCP DAK-12	SN: 1029	27-Feb-25 (No. OCP-DAK12-1029_Feb25)	Feb-26
OCP DAK-3.5	SN: 1336	10-Dec-25 (No. OCP-DAK3.5-1336_Dec25)	Dec-26

	Name	Function	Signature
Calibrated by	Henrique Almeida	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	

Issued: February 20, 2026

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

Calibration Laboratory of

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Accreditation No.: SCS 0108

Glossary

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

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

Parameters of Probe: EX3DV4 - SN:7736

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu\text{V}/(\text{V}/\text{m})^2$) ^A	0.47	0.47	0.46	$\pm 10.1\%$
DCP (mV) ^B	103.0	100.9	101.9	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B $\text{dB}\sqrt{\mu\text{V}}$	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	Continuous Wave	X	0.00	0.00	1.00	0.00	118.7	$\pm 1.6\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		126.8		
		Z	0.00	0.00	1.00		138.7		
10352	Pulse (D=10%, T=5 ms)	X	0.40	60.33	14.85	10.00	23.0	$\pm 1.6\%$	$\pm 9.6\%$
		Y	0.43	60.26	14.55		24.0		
		Z	0.26	59.13	14.76		24.0		
10353	Pulse (D=20%, T=5 ms)	X	0.36	63.34	14.93	6.99	46.0	$\pm 1.4\%$	$\pm 9.6\%$
		Y	0.40	63.27	14.61		47.0		
		Z	0.25	62.14	14.81		47.0		
10354	Pulse (D=40%, T=5 ms)	X	0.33	66.35	15.01	3.98	92.0	$\pm 1.3\%$	$\pm 9.6\%$
		Y	0.37	66.28	14.67		94.0		
		Z	0.23	65.15	14.86		95.0		
10355	Pulse (D=60%, T=5 ms)	X	0.31	68.11	15.07	2.22	137.0	$\pm 1.5\%$	$\pm 9.6\%$
		Y	0.35	68.04	14.70		141.0		
		Z	0.22	66.91	14.89		142.0		
10387	Random (BW=1 MHz, MOD=QPSK)	X	0.00	65.23	16.77	0.36	104.0	$\pm 1.5\%$	$\pm 9.6\%$
		Y	0.00	65.16	16.02		107.0		
		Z	0.00	80.81	16.28		108.0		
10388	Random (BW=10 MHz, MOD=QPSK)	X	0.61	65.11	14.36	0.00	111.0	$\pm 2.8\%$	$\pm 9.6\%$
		Y	0.73	65.04	14.04		114.0		
		Z	0.59	63.91	13.94		115.0		
10396	Random (BW=100 kHz, MOD=64QAM)	X	0.00	64.06	18.04	1.33	81.0	$\pm 3.1\%$	$\pm 9.6\%$
		Y	0.00	63.98	17.42		84.0		
		Z	0.00	44.79	17.82		84.0		
10399	Random (BW=40 MHz, MOD=64QAM)	X	1.77	64.06	13.24	0.00	103.0	$\pm 4.2\%$	$\pm 9.6\%$
		Y	1.83	63.98	13.26		106.0		
		Z	1.59	62.85	12.75		107.0		
10414	Random (BW=40 MHz, HIGH PAR)	X	1.95	61.79	13.19	0.00	73.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	2.10	61.72	13.22		76.0		
		Z	1.90	60.59	12.64		76.0		

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 msV^{-2}	T2 msV^{-1}	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	7.4	54.06	34.26	2.89	0.00	4.94	0.33	0.00	1.00
y	8.2	60.44	34.89	3.17	0.00	4.90	0.34	0.00	1.00
z	8.1	59.95	35.13	2.49	0.00	4.95	0.27	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-42.0°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	12 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 HSL

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
750	41.9	0.89	8.68	9.60	9.63	0.36	1.27	±11.0%
835	41.5	0.90	8.54	9.44	9.48	0.36	1.27	±11.0%
1750	40.1	1.37	7.32	8.09	8.12	0.36	1.27	±11.0%
1900	40.0	1.40	7.08	7.83	7.85	0.36	1.27	±11.0%
2000	40.0	1.40	6.96	7.70	7.72	0.36	1.27	±11.0%
2300	39.5	1.67	6.74	7.45	7.47	0.36	1.27	±11.0%
2450	39.2	1.80	6.60	7.29	7.32	0.36	1.27	±11.0%
2600	39.0	1.96	6.50	7.19	7.21	0.36	1.27	±11.0%
3300	38.2	2.71	6.08	6.72	6.74	0.36	1.27	±13.1%
3500	37.9	2.91	6.04	6.68	6.71	0.36	1.27	±13.1%
3700	37.7	3.12	6.01	6.64	6.67	0.36	1.27	±13.1%
3900	37.5	3.32	5.95	6.58	6.60	0.36	1.27	±13.1%
4100	37.2	3.53	5.92	6.55	6.57	0.36	1.27	±13.1%
4200	37.1	3.63	5.82	6.44	6.46	0.36	1.27	±13.1%
4400	36.9	3.84	5.76	6.37	6.39	0.36	1.27	±13.1%
4600	36.7	4.04	5.67	6.27	6.29	0.36	1.27	±13.1%
4800	36.4	4.25	5.61	6.20	6.22	0.36	1.43	±13.1%
4950	36.3	4.40	5.49	6.07	6.10	0.35	1.42	±13.1%
5250	35.9	4.71	5.26	5.81	5.83	0.32	1.39	±13.1%
5600	35.5	5.07	4.90	5.42	5.43	0.28	1.35	±13.1%
5800	35.3	5.27	4.85	5.36	5.38	0.27	1.34	±13.1%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 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 SAR correction is applied.

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

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

Parameters of Probe: EX3DV4 - SN:7736

Calibration Parameter Determined in HSL

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
6500	34.5	6.07	4.90	5.42	5.44	0.20	1.27	±18.6%

^C Frequency validity is -600/+700 MHz at 6.5 GHz, ±700 MHz at or above 7 GHz, and ±150 MHz at 9.85 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

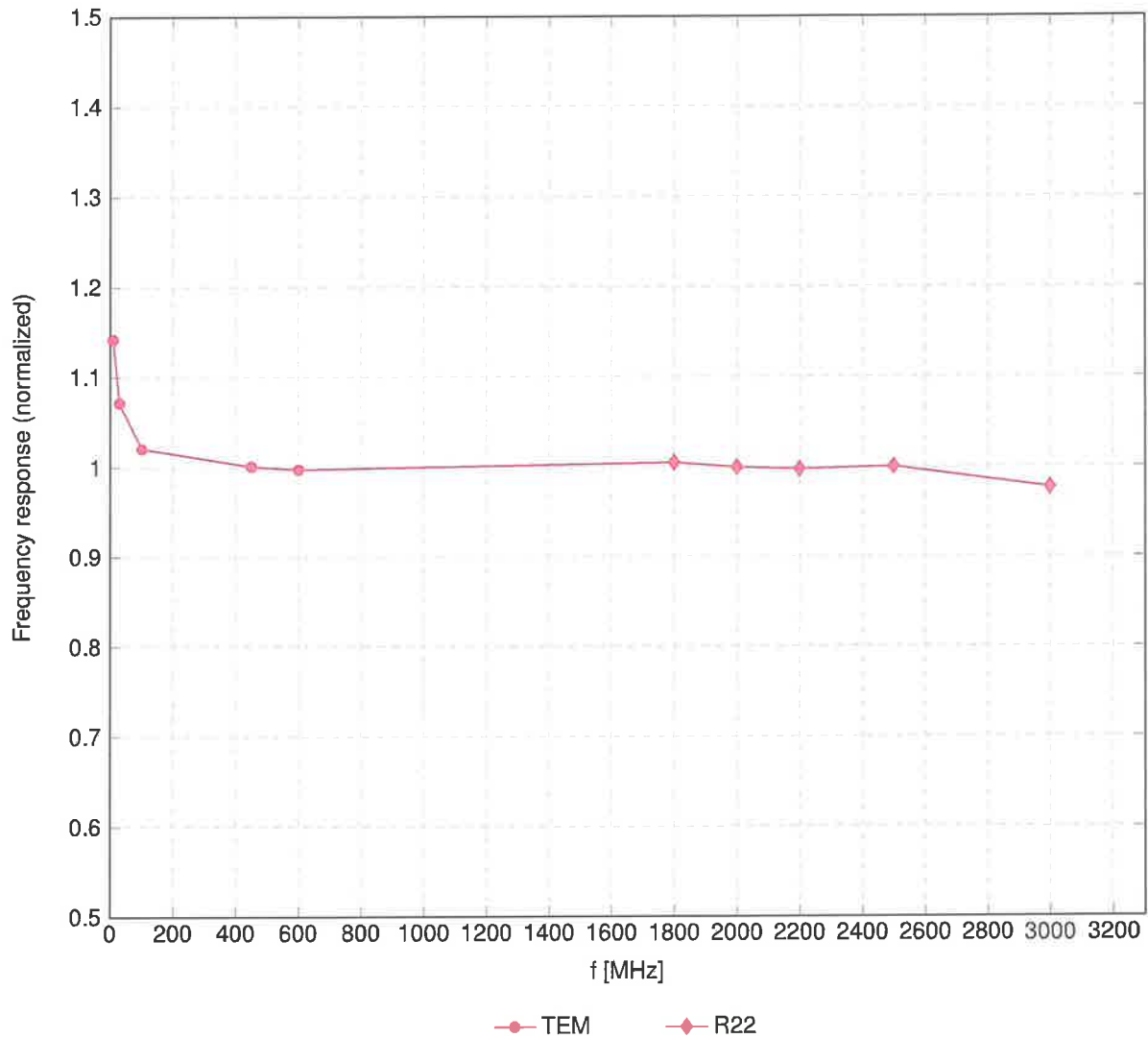
^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

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

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

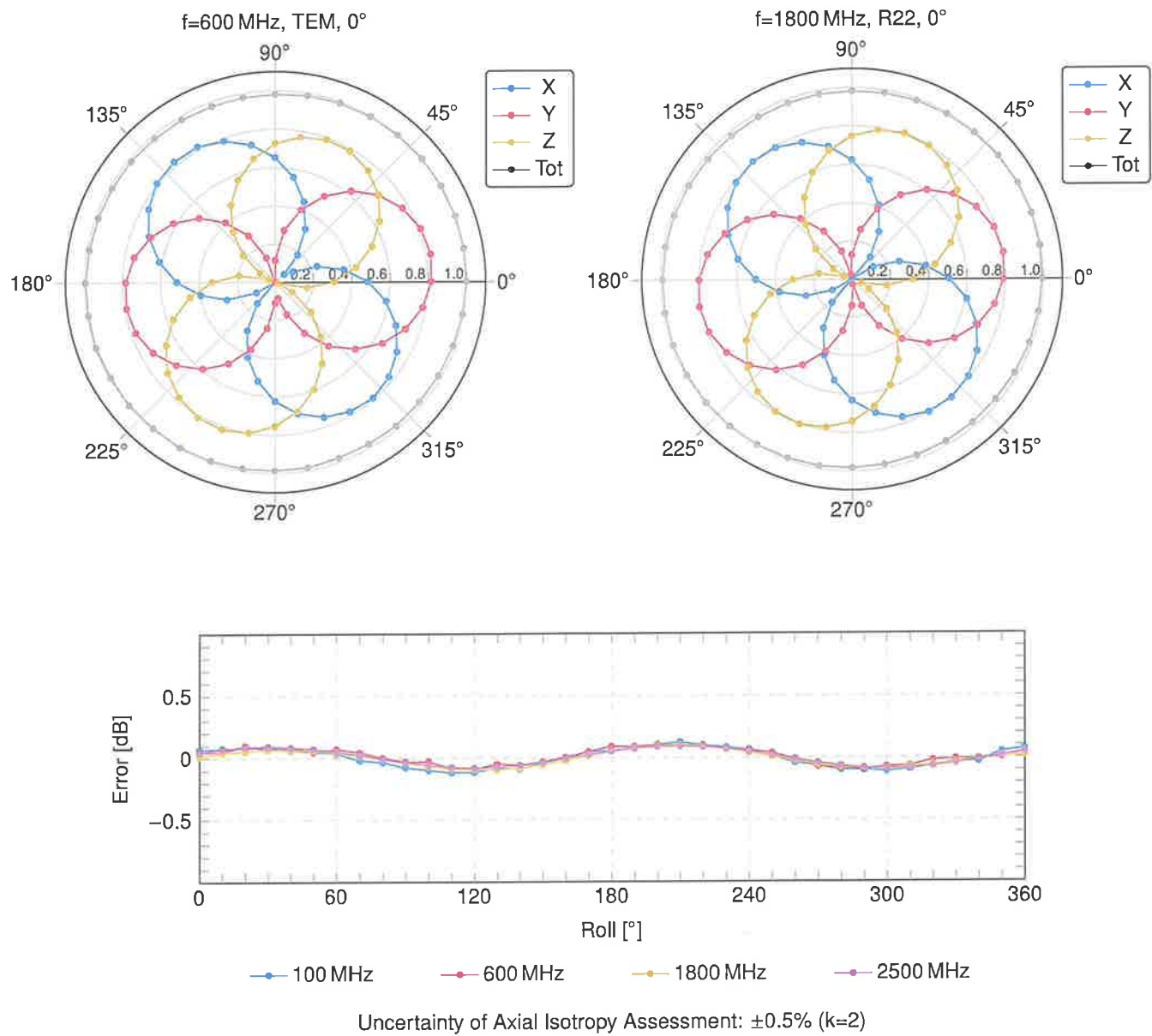
Frequency Response of E-Field

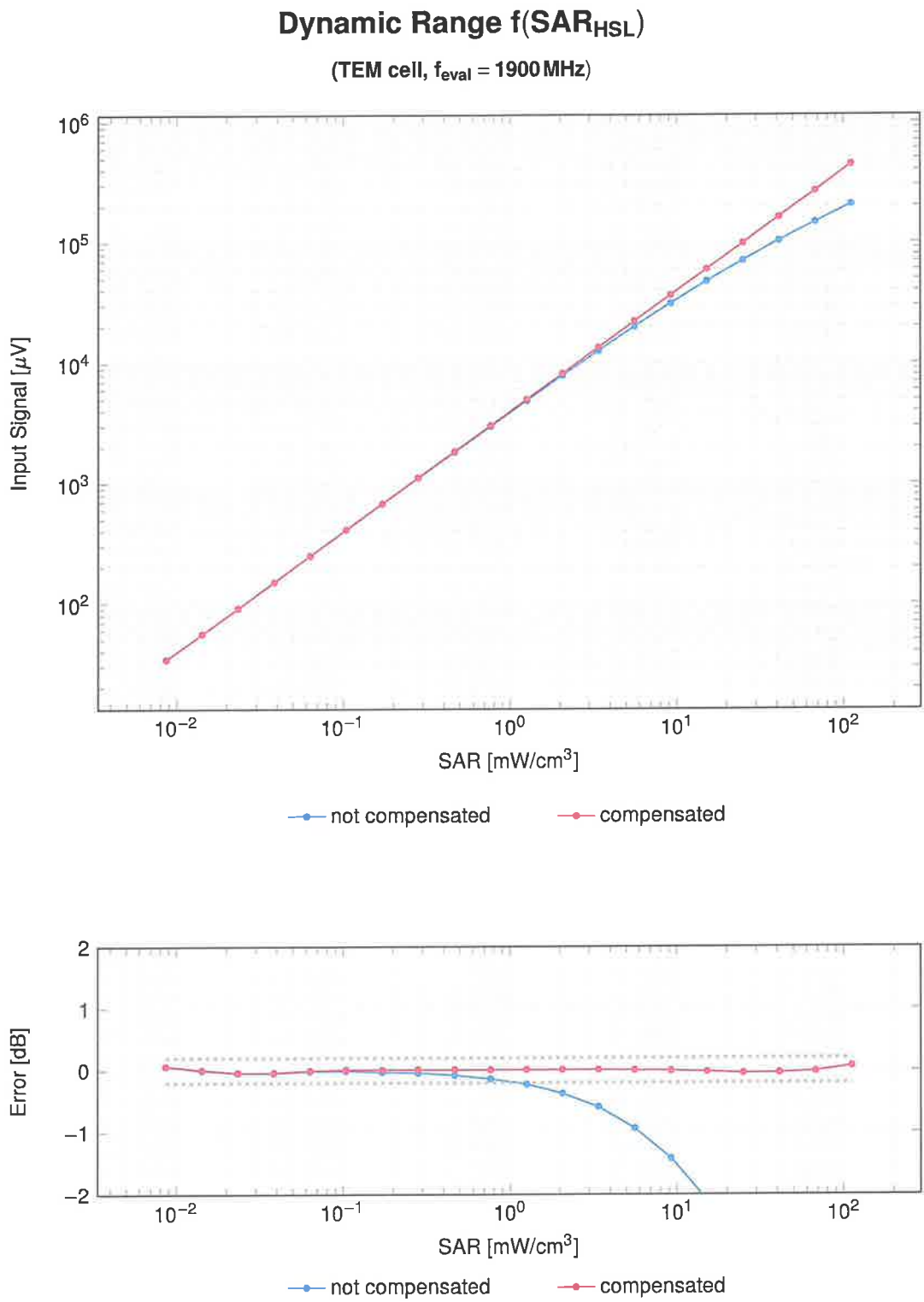
(TEM-Cell:ifi110 EXX, Waveguide:R22)



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

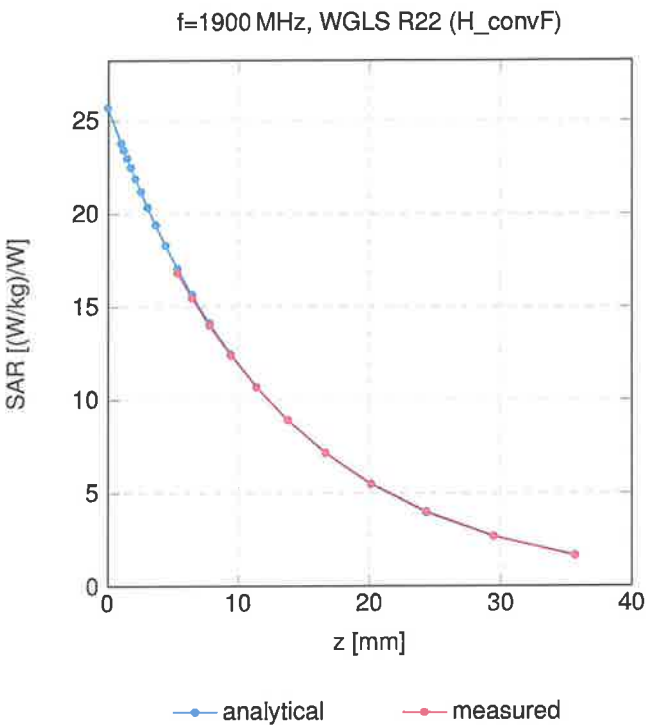
Receiving Pattern (ϕ), $\vartheta = 0^\circ$





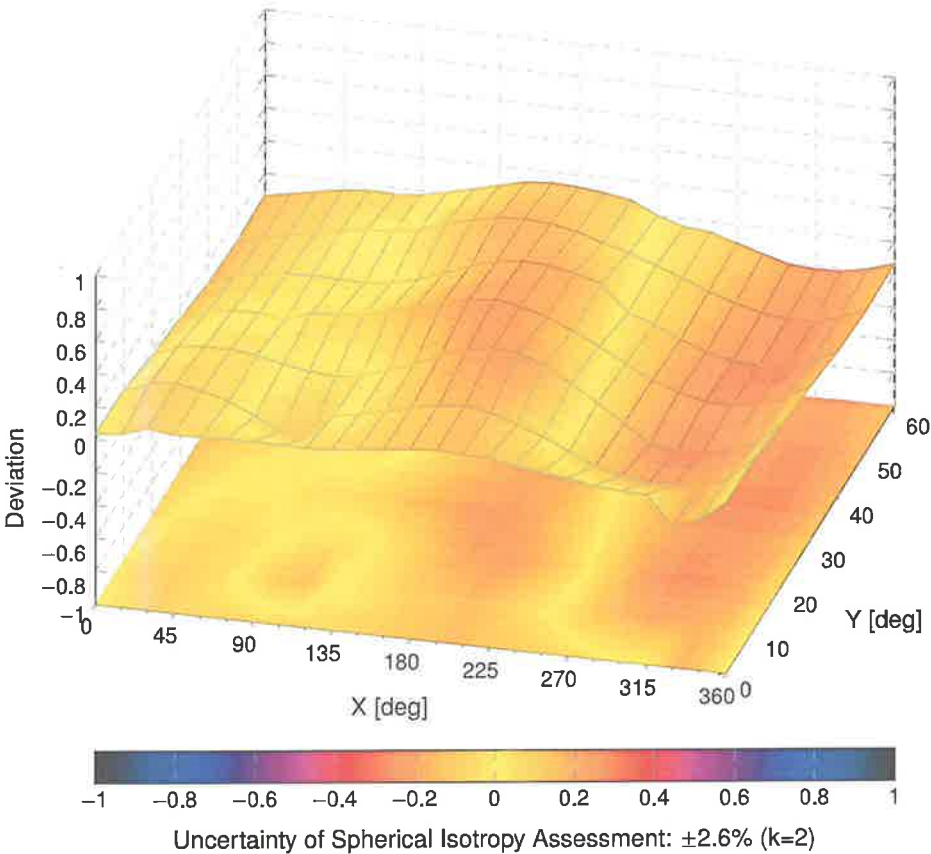
Uncertainty of Linearity Assessment: $\pm 0.6\%$ ($k=2$)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ), f = 900MHz



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
0		Continuous Wave	CW	0.00	±4.7
10010	CAB	Pulse (D=10%, T=100 ms)	Test	10.00	±9.6
10011	CAC	Rel. 99, RMC, QPSK, 5.0 MHz	WCDMA	2.91	±9.6
10012	CAB	DSSS, DBPSK, 1.0 Mbps, 92.5% DC	WLAN	1.87	±9.6
10013	CAB	OFDM, BPSK, 6.0 Mbps, 72.1% DC	WLAN	9.46	±9.6
10021	DAC	Voice, GMSK, 1 slot(s)	GSM	9.39	±9.6
10023	DAC	Data, GMSK, 1 slot(s)	GSM	9.57	±9.6
10024	DAC	Data, GMSK, 2 slot(s)	GSM	6.56	±9.6
10025	DAC	Data, 8PSK, 1 slot(s)	GSM	12.62	±9.6
10026	DAC	Data, 8PSK, 2 slot(s)	GSM	9.55	±9.6
10027	DAC	Data, GMSK, 3 slot(s)	GSM	4.80	±9.6
10028	DAC	Data, GMSK, 4 slot(s)	GSM	3.55	±9.6
10029	DAC	Data, 8PSK, 3 slot(s)	GSM	7.78	±9.6
10030	CAA	BR, DH1, GFSK	Bluetooth	5.30	±9.6
10031	CAA	BR, DH3, GFSK	Bluetooth	1.87	±9.6
10032	CAA	BR, DH5, GFSK	Bluetooth	1.16	±9.6
10033	CAA	EDR, DH1, pi/4-DQPSK	Bluetooth	7.74	±9.6
10034	CAA	EDR, DH3, pi/4-DQPSK	Bluetooth	4.53	±9.6
10035	CAA	EDR, DH5, pi/4-DQPSK	Bluetooth	3.83	±9.6
10036	CAA	EDR, DH1, 8-DPSK	Bluetooth	8.01	±9.6
10037	CAA	EDR, DH3, 8-DPSK	Bluetooth	4.77	±9.6
10038	CAA	EDR, DH5, 8-DPSK	Bluetooth	4.10	±9.6
10039	CAB	RC1, 1xRTT	CDMA2000	4.57	±9.6
10048	CAA	Full Slot, GFSK, 1 slot(s)	DECT	13.80	±9.6
10049	CAA	Double Slot, GFSK, 2 slot(s)	DECT	10.79	±9.6
10056	CAA	TD-SCDMA, QPSK, 1.6 MHz	TD-SCDMA	11.01	±9.6
10058	DAC	Data, 8PSK, 4 slot(s)	GSM	6.52	±9.6
10059	CAB	DSSS, DQPSK, 2.0 Mbps, 87.4% DC	WLAN	2.12	±9.6
10060	CAB	HR-DSSS, DQPSK, 5.5 Mbps, 72.7% DC	WLAN	2.83	±9.6
10061	CAB	HR-DSSS, DQPSK, 11.0 Mbps, 57.5% DC	WLAN	3.60	±9.6
10062	CAE	OFDM, BPSK, 6.0 Mbps, 89.1% DC	WLAN	8.68	±9.6
10063	CAE	OFDM, BPSK, 9.0 Mbps, 85.3% DC	WLAN	8.63	±9.6
10064	CAE	OFDM, QPSK, 12.0 Mbps, 82.0% DC	WLAN	9.09	±9.6
10065	CAE	OFDM, QPSK, 18.0 Mbps, 76.0% DC	WLAN	9.00	±9.6
10066	CAE	OFDM, 16QAM, 24.0 Mbps, 70.6% DC	WLAN	9.38	±9.6
10067	CAE	OFDM, 16QAM, 36.0 Mbps, 62.9% DC	WLAN	10.12	±9.6
10068	CAE	OFDM, 64QAM, 48.0 Mbps, 56.6% DC	WLAN	10.24	±9.6
10069	CAE	OFDM, 64QAM, 54.0 Mbps, 54.4% DC	WLAN	10.56	±9.6
10071	CAB	OFDM, BPSK, 9.0 Mbps, 65.1% DC	WLAN	9.83	±9.6
10072	CAB	OFDM, QPSK, 12.0 Mbps, 60.1% DC	WLAN	9.62	±9.6
10073	CAB	OFDM, QPSK, 18.0 Mbps, 53.1% DC	WLAN	9.94	±9.6
10074	CAB	OFDM, 16QAM, 24.0 Mbps, 48.5% DC	WLAN	10.30	±9.6
10075	CAB	OFDM, 16QAM, 36.0 Mbps, 42.9% DC	WLAN	10.77	±9.6
10076	CAB	OFDM, 64QAM, 48.0 Mbps, 39.5% DC	WLAN	10.94	±9.6
10077	CAB	OFDM, 64QAM, 54.0 Mbps, 38.5% DC	WLAN	11.00	±9.6
10081	CAB	RC3, 1xRTT	CDMA2000	3.97	±9.6
10097	CAC	Rel. 5 HSDPA, QPSK, 5.0 MHz	WCDMA	3.98	±9.6
10098	CAC	Rel. 6 HSUPA, Subset 2, QPSK, 5.0 MHz	WCDMA	3.98	±9.6
10100	CAF	20.0 MHz, QPSK, 100% RB	LTE-FDD	5.67	±9.6
10101	CAF	20.0 MHz, 16QAM, 100% RB	LTE-FDD	6.42	±9.6
10102	CAF	20.0 MHz, 64QAM, 100% RB	LTE-FDD	6.60	±9.6
10103	CAH	20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.29	±9.6
10104	CAH	20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.97	±9.6
10105	CAH	20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	10.01	±9.6
10108	CAH	10.0 MHz, QPSK, 100% RB	LTE-FDD	5.80	±9.6
10109	CAH	10.0 MHz, 16QAM, 100% RB	LTE-FDD	6.43	±9.6
10110	CAH	5.0 MHz, QPSK, 100% RB	LTE-FDD	5.75	±9.6
10111	CAH	5.0 MHz, 16QAM, 100% RB	LTE-FDD	6.44	±9.6
10112	CAH	10.0 MHz, 64QAM, 100% RB	LTE-FDD	6.59	±9.6
10113	CAH	5.0 MHz, 64QAM, 100% RB	LTE-FDD	6.62	±9.6
10114	CAE	HT40 Greenfield, MCS0 (13.5 Mbps), 99.7% DC	WLAN	8.10	±9.6
10115	CAE	HT40 Greenfield, MCS4 (81.0 Mbps), 99.7% DC	WLAN	8.46	±9.6
10116	CAE	HT40 Greenfield, MCS7 (135.0 Mbps), 99.7% DC	WLAN	8.15	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10117	CAE	HT40 Mixed, MCS0 (13.5 Mbps), 99.7% DC	WLAN	8.07	±9.6
10118	CAE	HT40 Mixed, MCS4 (81.0 Mbps), 99.7% DC	WLAN	8.59	±9.6
10119	CAE	HT40 Mixed, MCS7 (135.0 Mbps), 99.7% DC	WLAN	8.13	±9.6
10140	CAF	15.0 MHz, 16QAM, 100% RB	LTE-FDD	6.49	±9.6
10141	CAF	15.0 MHz, 64QAM, 100% RB	LTE-FDD	6.53	±9.6
10142	CAF	3.0 MHz, QPSK, 100% RB	LTE-FDD	5.73	±9.6
10143	CAF	3.0 MHz, 16QAM, 100% RB	LTE-FDD	6.35	±9.6
10144	CAF	3.0 MHz, 64QAM, 100% RB	LTE-FDD	6.65	±9.6
10145	CAG	1.4 MHz, QPSK, 100% RB	LTE-FDD	5.76	±9.6
10146	CAG	1.4 MHz, 16QAM, 100% RB	LTE-FDD	6.41	±9.6
10147	CAG	1.4 MHz, 64QAM, 100% RB	LTE-FDD	6.72	±9.6
10149	CAF	20.0 MHz, 16QAM, 50% RB	LTE-FDD	6.42	±9.6
10150	CAF	20.0 MHz, 64QAM, 50% RB	LTE-FDD	6.60	±9.6
10151	CAH	20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.28	±9.6
10152	CAH	20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.92	±9.6
10153	CAH	20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	10.05	±9.6
10154	CAH	10.0 MHz, QPSK, 50% RB	LTE-FDD	5.75	±9.6
10155	CAH	10.0 MHz, 16QAM, 50% RB	LTE-FDD	6.43	±9.6
10156	CAH	5.0 MHz, QPSK, 50% RB	LTE-FDD	5.79	±9.6
10157	CAH	5.0 MHz, 16QAM, 50% RB	LTE-FDD	6.49	±9.6
10158	CAH	10.0 MHz, 64QAM, 50% RB	LTE-FDD	6.62	±9.6
10159	CAH	5.0 MHz, 64QAM, 50% RB	LTE-FDD	6.56	±9.6
10160	CAF	15.0 MHz, QPSK, 50% RB	LTE-FDD	5.82	±9.6
10161	CAF	15.0 MHz, 16QAM, 50% RB	LTE-FDD	6.43	±9.6
10162	CAF	15.0 MHz, 64QAM, 50% RB	LTE-FDD	6.58	±9.6
10166	CAG	1.4 MHz, QPSK, 50% RB	LTE-FDD	5.46	±9.6
10167	CAG	1.4 MHz, 16QAM, 50% RB	LTE-FDD	6.21	±9.6
10168	CAG	1.4 MHz, 64QAM, 50% RB	LTE-FDD	6.79	±9.6
10169	CAF	20.0 MHz, QPSK, 1 RB	LTE-FDD	5.73	±9.6
10170	CAF	20.0 MHz, 16QAM, 1 RB	LTE-FDD	6.52	±9.6
10171	AAF	20.0 MHz, 64QAM, 1 RB	LTE-FDD	6.49	±9.6
10172	CAH	20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.21	±9.6
10173	CAH	20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.48	±9.6
10174	CAH	20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	10.25	±9.6
10175	CAH	10.0 MHz, QPSK, 1 RB	LTE-FDD	5.72	±9.6
10176	CAH	10.0 MHz, 16QAM, 1 RB	LTE-FDD	6.52	±9.6
10177	CAJ	5.0 MHz, QPSK, 1 RB	LTE-FDD	5.73	±9.6
10178	CAH	5.0 MHz, 16QAM, 1 RB	LTE-FDD	6.52	±9.6
10179	CAH	10.0 MHz, 64QAM, 1 RB	LTE-FDD	6.50	±9.6
10180	CAH	5.0 MHz, 64QAM, 1 RB	LTE-FDD	6.50	±9.6
10181	CAF	15.0 MHz, QPSK, 1 RB	LTE-FDD	5.72	±9.6
10182	CAF	15.0 MHz, 16QAM, 1 RB	LTE-FDD	6.52	±9.6
10183	AAE	15.0 MHz, 64QAM, 1 RB	LTE-FDD	6.50	±9.6
10184	CAF	3.0 MHz, QPSK, 1 RB	LTE-FDD	5.73	±9.6
10185	CAF	3.0 MHz, 16QAM, 1 RB	LTE-FDD	6.51	±9.6
10186	AAF	3.0 MHz, 64QAM, 1 RB	LTE-FDD	6.50	±9.6
10187	CAG	1.4 MHz, QPSK, 1 RB	LTE-FDD	5.73	±9.6
10188	CAG	1.4 MHz, 16QAM, 1 RB	LTE-FDD	6.52	±9.6
10189	AAG	1.4 MHz, 64QAM, 1 RB	LTE-FDD	6.50	±9.6
10193	CAE	HT20 Greenfield, MCS0 (6.5 Mbps), 99.4% DC	WLAN	8.09	±9.6
10194	CAE	HT20 Greenfield, MCS4 (39.0 Mbps), 99.5% DC	WLAN	8.12	±9.6
10195	CAE	HT20 Greenfield, MCS7 (65.0 Mbps), 99.5% DC	WLAN	8.21	±9.6
10196	CAE	HT20 Mixed, MCS0 (6.5 Mbps), 99.4% DC	WLAN	8.10	±9.6
10197	CAE	HT20 Mixed, MCS4 (39.0 Mbps), 99.5% DC	WLAN	8.13	±9.6
10198	CAE	HT20 Mixed, MCS7 (65.0 Mbps), 99.5% DC	WLAN	8.27	±9.6
10219	CAE	HT20 Mixed, MCS0 (7.2 Mbps), 99.3% DC	WLAN	8.03	±9.6
10220	CAE	HT20 Mixed, MCS4 (43.3 Mbps), 99.4% DC	WLAN	8.13	±9.6
10221	CAE	HT20 Mixed, MCS7 (72.2 Mbps), 99.4% DC	WLAN	8.27	±9.6
10222	CAE	HT40 Mixed, MCS0 (15.0 Mbps), 99.7% DC	WLAN	8.06	±9.6
10223	CAE	HT40 Mixed, MCS4 (90.0 Mbps), 99.7% DC	WLAN	8.48	±9.6
10224	CAE	HT40 Mixed, MCS7 (150.0 Mbps), 99.7% DC	WLAN	8.08	±9.6
10225	CAC	Rel. 7 HSPA+, 16QAM, 5.0 MHz	WCDMA	5.97	±9.6
10226	CAC	1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.49	±9.6
10227	CAC	1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	10.26	±9.6
10228	CAC	1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.22	±9.6
10229	CAE	3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.48	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^F k = 2
10230	CAE	3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	10.25	±9.6
10231	CAE	3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.19	±9.6
10232	CAH	5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.48	±9.6
10233	CAH	5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	10.25	±9.6
10234	CAH	5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.21	±9.6
10235	CAH	10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.48	±9.6
10236	CAH	10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	10.25	±9.6
10237	CAH	10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.21	±9.6
10238	CAG	15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.48	±9.6
10239	CAG	15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	10.25	±9.6
10240	CAG	15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB	LTE-TDD	9.21	±9.6
10241	CAC	1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.82	±9.6
10242	CAC	1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.86	±9.6
10243	CAC	1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.46	±9.6
10244	CAE	3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	10.06	±9.6
10245	CAE	3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	10.06	±9.6
10246	CAE	3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.30	±9.6
10247	CAH	5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.91	±9.6
10248	CAH	5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	10.09	±9.6
10249	CAH	5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.29	±9.6
10250	CAH	10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.81	±9.6
10251	CAH	10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	10.17	±9.6
10252	CAH	10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.24	±9.6
10253	CAG	15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.90	±9.6
10254	CAG	15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	10.14	±9.6
10255	CAG	15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB	LTE-TDD	9.20	±9.6
10256	CAC	1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.96	±9.6
10257	CAC	1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	10.08	±9.6
10258	CAC	1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.34	±9.6
10259	CAE	3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.98	±9.6
10260	CAE	3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.97	±9.6
10261	CAE	3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.24	±9.6
10262	CAH	5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.83	±9.6
10263	CAH	5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	10.16	±9.6
10264	CAH	5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.23	±9.6
10265	CAH	10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.92	±9.6
10266	CAH	10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	10.07	±9.6
10267	CAH	10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.30	±9.6
10268	CAG	15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	10.06	±9.6
10269	CAG	15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	10.13	±9.6
10270	CAG	15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB	LTE-TDD	9.58	±9.6
10274	CAC	Rel. 6 HSUPA Subset 2, beta_d 0, QPSK, 5.0 MHz	WCDMA	4.87	±9.6
10275	CAC	Rel. 6 HSUPA Subset 2, beta_d 15, QPSK, 5.0 MHz	WCDMA	3.96	±9.6
10290	AAB	RC1, SO55, Full frame rate, 1xRTT	CDMA2000	3.91	±9.6
10291	AAB	RC3, SO55, Full frame rate, 1xRTT	CDMA2000	3.46	±9.6
10292	AAB	RC3, SO32, Full frame rate, SCH0 disabled, 1xRTT	CDMA2000	3.39	±9.6
10293	AAB	RC3, SO3, Full frame rate, 1xRTT	CDMA2000	3.50	±9.6
10295	AAB	RC3, SO3, 1/8 frame rate, 1xRTT	CDMA2000	12.49	±9.6
10297	AAE	20.0 MHz, QPSK, 50% RB	LTE-FDD	5.81	±9.6
10298	AAE	3.0 MHz, QPSK, 50% RB	LTE-FDD	5.72	±9.6
10299	AAE	3.0 MHz, 16QAM, 50% RB	LTE-FDD	6.39	±9.6
10300	AAE	3.0 MHz, 64QAM, 50% RB	LTE-FDD	6.60	±9.6
10301	AAA	PUSC, 29:18, QPSK, 5.0 ms, 18 TRAF SYM	WiMAX	12.03	±9.6
10302	AAA	PUSC, 29:18, QPSK, 5.0 ms, 15 TRAF SYM	WiMAX	12.57	±9.6
10303	AAA	PUSC, 31:15, 64QAM, 5.0 ms, 15 TRAF SYM	WiMAX	12.52	±9.6
10304	AAA	PUSC, 29:18, 64QAM, 5.0 ms, 18 TRAF SYM	WiMAX	11.86	±9.6
10305	AAA	PUSC, 31:15, 64QAM, 10.0 ms, 15 TRAF SYM	WiMAX	15.24	±9.6
10306	AAA	PUSC, 29:18, 64QAM, 10.0 ms, 18 TRAF SYM	WiMAX	14.67	±9.6
10307	AAA	PUSC, 29:18, QPSK, 10.0 ms, 18 TRAF SYM	WiMAX	14.49	±9.6
10308	AAA	PUSC, 29:18, 16QAM, 10.0 ms, 18 TRAF SYM	WiMAX	14.46	±9.6
10309	AAA	AMC 2x3, 29:18, 16QAM, 10.0 ms, 18 TRAF SYM	WiMAX	14.58	±9.6
10310	AAA	AMC 2x3, 29:18, QPSK, 10.0 ms, 18 TRAF SYM	WiMAX	14.57	±9.6
10311	AAE	15.0 MHz, QPSK, 100% RB	LTE-FDD	6.06	±9.6
10315	AAB	DSSS, DBPSK, 1.0 Mbps, 96.0% DC	WLAN	1.71	±9.6
10316	AAB	OFDM, BPSK, 6.0 Mbps, 95.9% DC	WLAN	8.36	±9.6
10317	AAE	OFDM, BPSK, 6.0 Mbps, 95.9% DC	WLAN	8.36	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10352	AAA	Pulse (D=10%, T=5 ms)	Generic	10.00	±9.6
10353	AAA	Pulse (D=20%, T=5 ms)	Generic	6.99	±9.6
10354	AAA	Pulse (D=40%, T=5 ms)	Generic	3.98	±9.6
10355	AAA	Pulse (D=60%, T=5 ms)	Generic	2.22	±9.6
10356	AAA	Pulse (D=80%, T=5 ms)	Generic	0.97	±9.6
10387	AAA	Random (BW=1 MHz, MOD=QPSK)	Generic	5.10	±9.6
10388	AAA	Random (BW=10 MHz, MOD=QPSK)	Generic	5.22	±9.6
10396	AAA	Random (BW=100 kHz, MOD=64QAM)	Generic	6.27	±9.6
10399	AAA	Random (BW=40 MHz, MOD=64QAM)	Generic	6.27	±9.6
10400	AAF	VHT20, MCS5 (52.0 Mbps), 99.0% DC	WLAN	8.37	±9.6
10401	AAF	VHT40, MCS5 (108.0 Mbps), 96.7% DC	WLAN	8.60	±9.6
10402	AAF	VHT80, MCS5 (234.0 Mbps), 99.0% DC	WLAN	8.53	±9.6
10403	AAB	Rev. 0, 1xEV-DO	CDMA2000	3.76	±9.6
10404	AAB	Rev. A, 1xEV-DO	CDMA2000	3.77	±9.6
10406	AAB	RC3, SO32, Full frame rate, SCH0 enabled, 1xRTT	CDMA2000	5.22	±9.6
10410	AAH	10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 4, 1 RB	LTE-TDD	7.82	±9.6
10414	AAA	Random (BW=40 MHz, HIGH PAR)	Generic	8.54	±9.6
10415	AAA	DSSS, DBPSK, 1.0 Mbps, 99.9% DC	WLAN	1.54	±9.6
10416	AAA	OFDM, BPSK, 6.0 Mbps, 99.9% DC	WLAN	8.23	±9.6
10417	AAD	OFDM, BPSK, 6.0 Mbps, 99.9% DC	WLAN	8.23	±9.6
10418	AAA	OFDM (LTF), BPSK, 6.0 Mbps, 99.8% DC	WLAN	8.14	±9.6
10419	AAA	OFDM (STF), BPSK, 6.0 Mbps, 99.8% DC	WLAN	8.19	±9.6
10422	AAD	HT20 Greenfield, MCS0 (7.2 Mbps), 99.3% DC	WLAN	8.32	±9.6
10423	AAD	HT20 Greenfield, MCS4 (43.3 Mbps), 99.3% DC	WLAN	8.47	±9.6
10424	AAD	HT20 Greenfield, MCS7 (72.2 Mbps), 99.3% DC	WLAN	8.40	±9.6
10425	AAD	HT40 Greenfield, MCS0 (15.0 Mbps), 99.2% DC	WLAN	8.41	±9.6
10426	AAD	HT40 Greenfield, MCS4 (90.0 Mbps), 99.2% DC	WLAN	8.45	±9.6
10427	AAD	HT40 Greenfield, MCS7 (150.0 Mbps), 99.2% DC	WLAN	8.41	±9.6
10430	AAE	5.0 MHz, 64-QAM, 100% RB	LTE-FDD	8.28	±9.6
10431	AAE	10.0 MHz, 64-QAM, 100% RB	LTE-FDD	8.38	±9.6
10432	AAD	15.0 MHz, 64-QAM, 100% RB	LTE-FDD	8.34	±9.6
10433	AAD	20.0 MHz, 64-QAM, 100% RB	LTE-FDD	8.34	±9.6
10434	AAB	BS Test Model 1, 64 DPCH, 64QAM, 5.0 MHz (DL)	WCDMA	8.60	±9.6
10435	AAG	20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	7.82	±9.6
10447	AAE	5.0 MHz, 64-QAM, 100% RB	LTE-FDD	7.56	±9.6
10448	AAE	10.0 MHz, 64-QAM, 100% RB	LTE-FDD	7.53	±9.6
10449	AAD	15.0 MHz, 64-QAM, 100% RB	LTE-FDD	7.51	±9.6
10450	AAD	20.0 MHz, 64-QAM, 100% RB	LTE-FDD	7.48	±9.6
10451	AAB	BS Test Model 1, 64 DPCH, Clipping 44%, 64QAM, 5.0 MHz (DL)	WCDMA	7.59	±9.6
10456	AAD	VHT160, MCS5 (58.5 Mbps), 99.0% DC	WLAN	8.63	±9.6
10457	AAB	Rel. 5 DC-HSDPA, QPSK, 10.0 MHz	WCDMA	6.62	±9.6
10458	AAA	Rev. B, 2 carriers, 1xEV-DO	CDMA2000	6.55	±9.6
10459	AAA	Rev. B, 3 carriers, 1xEV-DO	CDMA2000	8.25	±9.6
10460	AAB	Rel. 99, AMR, QPSK, 5.0 MHz	WCDMA	2.39	±9.6
10461	AAC	1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	7.82	±9.6
10462	AAC	1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.30	±9.6
10463	AAC	1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.56	±9.6
10464	AAD	3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	7.82	±9.6
10465	AAD	3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.32	±9.6
10466	AAD	3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.57	±9.6
10467	AAG	5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	7.82	±9.6
10468	AAG	5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.32	±9.6
10469	AAG	5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.56	±9.6
10470	AAG	10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	7.82	±9.6
10471	AAG	10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.32	±9.6
10472	AAG	10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.57	±9.6
10473	AAF	15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	7.82	±9.6
10474	AAF	15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.32	±9.6
10475	AAF	15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.57	±9.6
10477	AAG	20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.32	±9.6
10478	AAG	20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB	LTE-TDD	8.57	±9.6
10479	AAC	1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	7.74	±9.6
10480	AAC	1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.18	±9.6
10481	AAC	1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.45	±9.6
10482	AAD	3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	7.71	±9.6
10483	AAD	3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.39	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^F k = 2
10484	AAD	3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.47	±9.6
10485	AAG	5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	7.59	±9.6
10486	AAG	5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.38	±9.6
10487	AAG	5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.60	±9.6
10488	AAG	10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	7.70	±9.6
10489	AAG	10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.31	±9.6
10490	AAG	10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.54	±9.6
10491	AAF	15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	7.74	±9.6
10492	AAF	15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.41	±9.6
10493	AAF	15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.55	±9.6
10494	AAG	20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	7.74	±9.6
10495	AAG	20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.37	±9.6
10496	AAG	20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB	LTE-TDD	8.54	±9.6
10497	AAC	1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	7.67	±9.6
10498	AAC	1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.40	±9.6
10499	AAC	1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.68	±9.6
10500	AAD	3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	7.67	±9.6
10501	AAD	3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.44	±9.6
10502	AAD	3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.52	±9.6
10503	AAG	5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	7.72	±9.6
10504	AAG	5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.31	±9.6
10505	AAG	5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.54	±9.6
10506	AAG	10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	7.74	±9.6
10507	AAG	10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.36	±9.6
10508	AAG	10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.55	±9.6
10509	AAF	15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	7.99	±9.6
10510	AAF	15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.49	±9.6
10511	AAF	15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.51	±9.6
10512	AAG	20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	7.74	±9.6
10513	AAG	20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.42	±9.6
10514	AAG	20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB	LTE-TDD	8.45	±9.6
10515	AAA	DSSS, DQPSK, 2.0 Mbps, 99.0% DC	WLAN	1.58	±9.6
10516	AAA	HR-DSSS, DQPSK, 5.5 Mbps, 99.2% DC	WLAN	1.57	±9.6
10517	AAA	HR-DSSS, DQPSK, 11.0 Mbps, 99.0% DC	WLAN	1.58	±9.6
10518	AAD	OFDM, BPSK, 9.0 Mbps, 98.9% DC	WLAN	8.23	±9.6
10519	AAD	OFDM, QPSK, 12.0 Mbps, 99.0% DC	WLAN	8.39	±9.6
10520	AAD	OFDM, QPSK, 18.0 Mbps, 99.0% DC	WLAN	8.12	±9.6
10521	AAD	OFDM, 16QAM, 24.0 Mbps, 99.0% DC	WLAN	7.97	±9.6
10522	AAD	OFDM, 16QAM, 36.0 Mbps, 99.0% DC	WLAN	8.45	±9.6
10523	AAD	OFDM, 64QAM, 48.0 Mbps, 99.0% DC	WLAN	8.08	±9.6
10524	AAD	OFDM, 64QAM, 54.0 Mbps, 99.0% DC	WLAN	8.27	±9.6
10525	AAD	VHT20, MCS0 (6.5 Mbps), 98.9% DC	WLAN	8.36	±9.6
10526	AAD	VHT20, MCS1 (13.0 Mbps), 99.0% DC	WLAN	8.42	±9.6
10527	AAD	VHT20, MCS2 (19.5 Mbps), 99.0% DC	WLAN	8.21	±9.6
10528	AAD	VHT20, MCS3 (26.0 Mbps), 99.0% DC	WLAN	8.36	±9.6
10529	AAD	VHT20, MCS4 (39.0 Mbps), 99.0% DC	WLAN	8.36	±9.6
10531	AAD	VHT20, MCS6 (58.5 Mbps), 99.0% DC	WLAN	8.43	±9.6
10532	AAD	VHT20, MCS7 (65.0 Mbps), 99.0% DC	WLAN	8.29	±9.6
10533	AAD	VHT20, MCS8 (78.0 Mbps), 99.0% DC	WLAN	8.38	±9.6
10534	AAD	VHT40, MCS0 (13.5 Mbps), 98.9% DC	WLAN	8.45	±9.6
10535	AAD	VHT40, MCS1 (27.0 Mbps), 98.8% DC	WLAN	8.45	±9.6
10536	AAD	VHT40, MCS2 (40.5 Mbps), 98.8% DC	WLAN	8.32	±9.6
10537	AAD	VHT40, MCS3 (54.0 Mbps), 98.7% DC	WLAN	8.44	±9.6
10538	AAD	VHT40, MCS4 (81.0 Mbps), 98.5% DC	WLAN	8.54	±9.6
10540	AAD	VHT40, MCS6 (121.5 Mbps), 98.3% DC	WLAN	8.39	±9.6
10541	AAD	VHT40, MCS7 (135.0 Mbps), 98.3% DC	WLAN	8.46	±9.6
10542	AAD	VHT40, MCS8 (162.0 Mbps), 98.1% DC	WLAN	8.65	±9.6
10543	AAD	VHT40, MCS9 (180.0 Mbps), 98.0% DC	WLAN	8.65	±9.6
10544	AAD	VHT80, MCS0 (29.3 Mbps), 99.0% DC	WLAN	8.47	±9.6
10545	AAD	VHT80, MCS1 (58.5 Mbps), 99.0% DC	WLAN	8.55	±9.6
10546	AAD	VHT80, MCS2 (87.8 Mbps), 99.0% DC	WLAN	8.35	±9.6
10547	AAD	VHT80, MCS3 (117.0 Mbps), 99.0% DC	WLAN	8.49	±9.6
10548	AAD	VHT80, MCS4 (175.5 Mbps), 99.0% DC	WLAN	8.37	±9.6
10550	AAD	VHT80, MCS6 (263.3 Mbps), 99.0% DC	WLAN	8.38	±9.6
10551	AAD	VHT80, MCS7 (292.5 Mbps), 99.0% DC	WLAN	8.50	±9.6
10552	AAD	VHT80, MCS8 (351.0 Mbps), 99.0% DC	WLAN	8.42	±9.6

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10553	AAD	VHT80, MCS9 (390.0 Mbps), 99.0% DC	WLAN	8.45	±9.6
10554	AAE	VHT160, MCS0 (58.5 Mbps), 99.0% DC	WLAN	8.48	±9.6
10555	AAE	VHT160, MCS1 (117.0 Mbps), 99.0% DC	WLAN	8.47	±9.6
10556	AAE	VHT160, MCS2 (175.5 Mbps), 99.0% DC	WLAN	8.50	±9.6
10557	AAE	VHT160, MCS3 (234.0 Mbps), 99.0% DC	WLAN	8.52	±9.6
10558	AAE	VHT160, MCS4 (351.0 Mbps), 99.0% DC	WLAN	8.61	±9.6
10560	AAE	VHT160, MCS6 (526.5 Mbps), 99.0% DC	WLAN	8.73	±9.6
10561	AAE	VHT160, MCS7 (585.0 Mbps), 99.0% DC	WLAN	8.56	±9.6
10562	AAE	VHT160, MCS8 (702.0 Mbps), 99.0% DC	WLAN	8.69	±9.6
10563	AAE	VHT160, MCS9 (780.0 Mbps), 99.0% DC	WLAN	8.77	±9.6
10564	AAA	OFDM, BPSK, 9.0 Mbps, 98.9% DC	WLAN	8.25	±9.6
10565	AAA	OFDM, QPSK, 12.0 Mbps, 99.0% DC	WLAN	8.45	±9.6
10566	AAA	OFDM, QPSK, 18.0 Mbps, 99.0% DC	WLAN	8.13	±9.6
10567	AAA	OFDM, 16QAM, 24.0 Mbps, 99.0% DC	WLAN	8.00	±9.6
10568	AAA	OFDM, 16QAM, 36.0 Mbps, 99.0% DC	WLAN	8.37	±9.6
10569	AAA	OFDM, 64QAM, 48.0 Mbps, 99.0% DC	WLAN	8.10	±9.6
10570	AAA	OFDM, 64QAM, 54.0 Mbps, 99.0% DC	WLAN	8.30	±9.6
10571	AAA	DSSS, DQPSK, 1.0 Mbps, 90.0% DC	WLAN	1.99	±9.6
10572	AAA	DSSS, DQPSK, 2.0 Mbps, 90.0% DC	WLAN	1.99	±9.6
10573	AAA	HR-DSSS, DQPSK, 5.5 Mbps, 90.1% DC	WLAN	1.98	±9.6
10574	AAA	HR-DSSS, DQPSK, 11.0 Mbps, 90.3% DC	WLAN	1.98	±9.6
10575	AAA	OFDM, BPSK, 6.0 Mbps, 89.9% DC	WLAN	8.59	±9.6
10576	AAA	OFDM, BPSK, 9.0 Mbps, 89.9% DC	WLAN	8.60	±9.6
10577	AAA	OFDM, QPSK, 12.0 Mbps, 90.0% DC	WLAN	8.70	±9.6
10578	AAA	OFDM, QPSK, 18.0 Mbps, 90.0% DC	WLAN	8.49	±9.6
10579	AAA	OFDM, 16QAM, 24.0 Mbps, 90.0% DC	WLAN	8.36	±9.6
10580	AAA	OFDM, 16QAM, 36.0 Mbps, 90.0% DC	WLAN	8.76	±9.6
10581	AAA	OFDM, 64QAM, 48.0 Mbps, 90.0% DC	WLAN	8.35	±9.6
10582	AAA	OFDM, 64QAM, 54.0 Mbps, 90.0% DC	WLAN	8.67	±9.6
10583	AAD	OFDM, BPSK, 6.0 Mbps, 89.9% DC	WLAN	8.59	±9.6
10584	AAD	OFDM, BPSK, 9.0 Mbps, 89.9% DC	WLAN	8.60	±9.6
10585	AAD	OFDM, QPSK, 12.0 Mbps, 90.0% DC	WLAN	8.70	±9.6
10586	AAD	OFDM, QPSK, 18.0 Mbps, 90.0% DC	WLAN	8.49	±9.6
10587	AAD	OFDM, 16QAM, 24.0 Mbps, 90.0% DC	WLAN	8.36	±9.6
10588	AAD	OFDM, 16QAM, 36.0 Mbps, 90.0% DC	WLAN	8.76	±9.6
10589	AAD	OFDM, 64QAM, 48.0 Mbps, 90.0% DC	WLAN	8.35	±9.6
10590	AAD	OFDM, 64QAM, 54.0 Mbps, 90.0% DC	WLAN	8.67	±9.6
10591	AAD	HT20 Mixed, MCS0 (6.5 Mbps), 89.9% DC	WLAN	8.63	±9.6
10592	AAD	HT20 Mixed, MCS1 (13.0 Mbps), 90.0% DC	WLAN	8.79	±9.6
10593	AAD	HT20 Mixed, MCS2 (19.5 Mbps), 90.0% DC	WLAN	8.64	±9.6
10594	AAD	HT20 Mixed, MCS3 (26.0 Mbps), 90.0% DC	WLAN	8.74	±9.6
10595	AAD	HT20 Mixed, MCS4 (39.0 Mbps), 90.0% DC	WLAN	8.74	±9.6
10596	AAD	HT20 Mixed, MCS5 (52.0 Mbps), 90.0% DC	WLAN	8.71	±9.6
10597	AAD	HT20 Mixed, MCS6 (58.5 Mbps), 90.0% DC	WLAN	8.72	±9.6
10598	AAD	HT20 Mixed, MCS7 (65.0 Mbps), 90.0% DC	WLAN	8.50	±9.6
10599	AAD	HT40 Mixed, MCS0 (13.5 Mbps), 89.9% DC	WLAN	8.79	±9.6
10600	AAD	HT40 Mixed, MCS1 (27.0 Mbps), 89.7% DC	WLAN	8.88	±9.6
10601	AAD	HT40 Mixed, MCS2 (40.5 Mbps), 89.6% DC	WLAN	8.82	±9.6
10602	AAD	HT40 Mixed, MCS3 (54.0 Mbps), 89.4% DC	WLAN	8.94	±9.6
10603	AAD	HT40 Mixed, MCS4 (81.0 Mbps), 89.2% DC	WLAN	9.03	±9.6
10604	AAD	HT40 Mixed, MCS5 (108.0 Mbps), 88.9% DC	WLAN	8.76	±9.6
10605	AAD	HT40 Mixed, MCS6 (121.5 Mbps), 88.8% DC	WLAN	8.97	±9.6
10606	AAD	HT40 Mixed, MCS7 (135.0 Mbps), 88.7% DC	WLAN	8.82	±9.6
10607	AAD	VHT20, MCS0 (6.5 Mbps), 89.9% DC	WLAN	8.64	±9.6
10608	AAD	VHT20, MCS1 (13.0 Mbps), 90.0% DC	WLAN	8.77	±9.6
10609	AAD	VHT20, MCS2 (19.5 Mbps), 90.0% DC	WLAN	8.57	±9.6
10610	AAD	VHT20, MCS3 (26.0 Mbps), 90.0% DC	WLAN	8.78	±9.6
10611	AAD	VHT20, MCS4 (39.0 Mbps), 90.0% DC	WLAN	8.70	±9.6
10612	AAD	VHT20, MCS5 (52.0 Mbps), 90.0% DC	WLAN	8.77	±9.6
10613	AAD	VHT20, MCS6 (58.5 Mbps), 90.0% DC	WLAN	8.94	±9.6
10614	AAD	VHT20, MCS7 (65.0 Mbps), 90.0% DC	WLAN	8.59	±9.6
10615	AAD	VHT20, MCS8 (78.0 Mbps), 90.0% DC	WLAN	8.82	±9.6
10616	AAD	VHT40, MCS0 (13.5 Mbps), 89.9% DC	WLAN	8.82	±9.6
10617	AAD	VHT40, MCS1 (27.0 Mbps), 89.7% DC	WLAN	8.81	±9.6
10618	AAD	VHT40, MCS2 (40.5 Mbps), 89.6% DC	WLAN	8.58	±9.6
10619	AAD	VHT40, MCS3 (54.0 Mbps), 89.4% DC	WLAN	8.86	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10620	AAD	VHT40, MCS4 (81.0 Mbps), 89.2% DC	WLAN	8.87	±9.6
10621	AAD	VHT40, MCS5 (108.0 Mbps), 88.9% DC	WLAN	8.77	±9.6
10622	AAD	VHT40, MCS6 (121.5 Mbps), 88.8% DC	WLAN	8.68	±9.6
10623	AAD	VHT40, MCS7 (135.0 Mbps), 88.6% DC	WLAN	8.82	±9.6
10624	AAD	VHT40, MCS8 (162.0 Mbps), 88.4% DC	WLAN	8.96	±9.6
10625	AAD	VHT40, MCS9 (180.0 Mbps), 88.2% DC	WLAN	8.96	±9.6
10626	AAD	VHT80, MCS0 (29.3 Mbps), 90.0% DC	WLAN	8.83	±9.6
10627	AAD	VHT80, MCS1 (58.5 Mbps), 90.0% DC	WLAN	8.88	±9.6
10628	AAD	VHT80, MCS2 (87.8 Mbps), 90.0% DC	WLAN	8.71	±9.6
10629	AAD	VHT80, MCS3 (117.0 Mbps), 90.0% DC	WLAN	8.85	±9.6
10630	AAD	VHT80, MCS4 (175.5 Mbps), 90.0% DC	WLAN	8.72	±9.6
10631	AAD	VHT80, MCS5 (234.0 Mbps), 90.0% DC	WLAN	8.81	±9.6
10632	AAD	VHT80, MCS6 (263.3 Mbps), 90.0% DC	WLAN	8.74	±9.6
10633	AAD	VHT80, MCS7 (292.5 Mbps), 90.0% DC	WLAN	8.83	±9.6
10634	AAD	VHT80, MCS8 (351.0 Mbps), 90.0% DC	WLAN	8.80	±9.6
10635	AAD	VHT80, MCS9 (390.0 Mbps), 90.0% DC	WLAN	8.81	±9.6
10636	AAE	VHT160, MCS0 (58.5 Mbps), 90.0% DC	WLAN	8.83	±9.6
10637	AAE	VHT160, MCS1 (117.0 Mbps), 90.0% DC	WLAN	8.79	±9.6
10638	AAE	VHT160, MCS2 (175.5 Mbps), 90.0% DC	WLAN	8.86	±9.6
10639	AAE	VHT160, MCS3 (234.0 Mbps), 90.0% DC	WLAN	8.85	±9.6
10640	AAE	VHT160, MCS4 (351.0 Mbps), 90.0% DC	WLAN	8.98	±9.6
10641	AAE	VHT160, MCS5 (468.0 Mbps), 90.0% DC	WLAN	9.06	±9.6
10642	AAE	VHT160, MCS6 (526.5 Mbps), 90.0% DC	WLAN	9.06	±9.6
10643	AAE	VHT160, MCS7 (585.0 Mbps), 90.0% DC	WLAN	8.89	±9.6
10644	AAE	VHT160, MCS8 (702.0 Mbps), 90.0% DC	WLAN	9.05	±9.6
10645	AAE	VHT160, MCS9 (780.0 Mbps), 90.0% DC	WLAN	9.11	±9.6
10646	AAH	5.0 MHz, QPSK, UL/DL CFG: 2, SSC: 4, 1 RB	LTE-TDD	11.96	±9.6
10647	AAG	20.0 MHz, QPSK, UL/DL CFG: 2, SSC: 7, 1 RB	LTE-TDD	11.96	±9.6
10648	AAA	RC8, SO75, 1xAdvanced	CDMA2000	3.45	±9.6
10670	AAA	LE, Test, GFSK	Bluetooth	2.19	±9.6
10671	AAC	ET20, MCS0 (8.6 Mbps), 90.0% DC	WLAN	9.09	±9.6
10672	AAC	ET20, MCS1 (17.0 Mbps), 90.0% DC	WLAN	8.57	±9.6
10673	AAC	ET20, MCS2 (26.0 Mbps), 90.0% DC	WLAN	8.78	±9.6
10674	AAC	ET20, MCS3 (34.0 Mbps), 90.0% DC	WLAN	8.74	±9.6
10675	AAC	ET20, MCS4 (52.0 Mbps), 90.0% DC	WLAN	8.90	±9.6
10676	AAC	ET20, MCS5 (69.0 Mbps), 90.0% DC	WLAN	8.77	±9.6
10677	AAC	ET20, MCS6 (77.0 Mbps), 90.0% DC	WLAN	8.73	±9.6
10678	AAC	ET20, MCS7 (86.0 Mbps), 90.0% DC	WLAN	8.78	±9.6
10679	AAC	ET20, MCS8 (103.0 Mbps), 90.0% DC	WLAN	8.89	±9.6
10680	AAC	ET20, MCS9 (115.0 Mbps), 90.0% DC	WLAN	8.80	±9.6
10681	AAC	ET20, MCS10 (122.0 Mbps), 90.0% DC	WLAN	8.62	±9.6
10682	AAC	ET20, MCS11 (135.0 Mbps), 90.0% DC	WLAN	8.83	±9.6
10683	AAC	ET20, MCS0 (8.6 Mbps), 100.0% DC	WLAN	8.42	±9.6
10684	AAC	ET20, MCS1 (17.0 Mbps), 100.0% DC	WLAN	8.26	±9.6
10685	AAC	ET20, MCS2 (26.0 Mbps), 100.0% DC	WLAN	8.33	±9.6
10686	AAC	ET20, MCS3 (34.0 Mbps), 100.0% DC	WLAN	8.28	±9.6
10687	AAC	ET20, MCS4 (52.0 Mbps), 100.0% DC	WLAN	8.45	±9.6
10688	AAC	ET20, MCS5 (69.0 Mbps), 100.0% DC	WLAN	8.29	±9.6
10689	AAC	ET20, MCS6 (77.0 Mbps), 100.0% DC	WLAN	8.55	±9.6
10690	AAC	ET20, MCS7 (86.0 Mbps), 100.0% DC	WLAN	8.29	±9.6
10691	AAC	ET20, MCS8 (103.0 Mbps), 100.0% DC	WLAN	8.25	±9.6
10692	AAC	ET20, MCS9 (115.0 Mbps), 100.0% DC	WLAN	8.29	±9.6
10693	AAC	ET20, MCS10 (122.0 Mbps), 100.0% DC	WLAN	8.25	±9.6
10694	AAC	ET20, MCS11 (135.0 Mbps), 100.0% DC	WLAN	8.57	±9.6
10695	AAC	ET40, MCS0 (17.2 Mbps), 89.8% DC	WLAN	8.78	±9.6
10696	AAC	ET40, MCS1 (34.0 Mbps), 89.8% DC	WLAN	8.91	±9.6
10697	AAC	ET40, MCS2 (52.0 Mbps), 89.7% DC	WLAN	8.61	±9.6
10698	AAC	ET40, MCS3 (69.0 Mbps), 89.7% DC	WLAN	8.89	±9.6
10699	AAC	ET40, MCS4 (103.0 Mbps), 89.9% DC	WLAN	8.82	±9.6
10700	AAC	ET40, MCS5 (138.0 Mbps), 89.8% DC	WLAN	8.73	±9.6
10701	AAC	ET40, MCS6 (155.0 Mbps), 89.8% DC	WLAN	8.86	±9.6
10702	AAC	ET40, MCS7 (172.0 Mbps), 89.8% DC	WLAN	8.70	±9.6
10703	AAC	ET40, MCS8 (207.0 Mbps), 89.8% DC	WLAN	8.82	±9.6
10704	AAC	ET40, MCS9 (229.0 Mbps), 89.8% DC	WLAN	8.56	±9.6
10705	AAC	ET40, MCS10 (258.0 Mbps), 89.8% DC	WLAN	8.69	±9.6
10706	AAC	ET40, MCS11 (267.0 Mbps), 89.8% DC	WLAN	8.66	±9.6