

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report

S20 System Check_H2450_250827

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	6.87	1.80	39.0

Hardware Setup

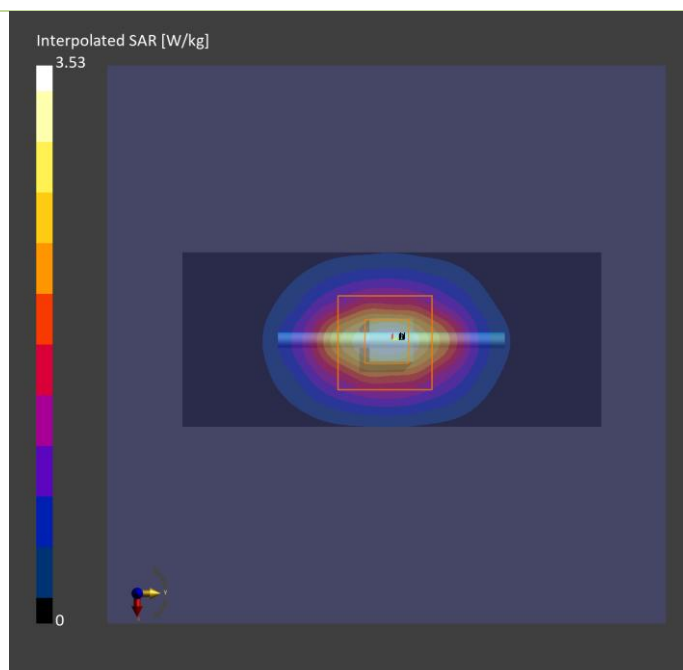
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H19T27N9 , 2025-08-27	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-27	2025-08-27
psSAR1g [W/kg]	2.58	2.66
psSAR10g [W/kg]	1.28	1.28
Power Drift [dB]	-0.04	-0.11



Plots of System Verification

Measurement Report

S21 System Check_H5250_250828

Device under Test Properties

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5250.000, 0	5.27	4.51	35.6

Hardware Setup

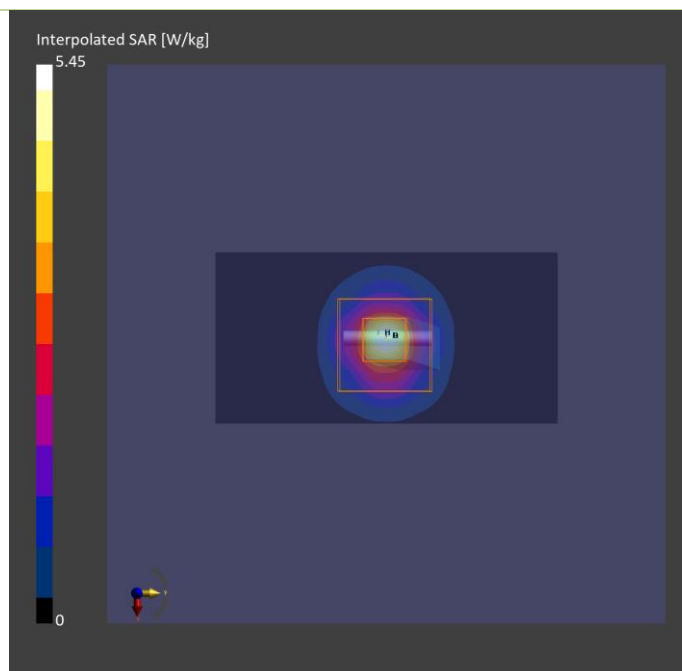
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-08-28	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	2025-08-28
psSAR1g [W/kg]	3.79	3.84
psSAR10g [W/kg]	1.06	1.08
Power Drift [dB]	0.01	-0.12



Plots of System Verification

Measurement Report

S22 System Check_H5600_250828

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	4.83	4.89	35.0

Hardware Setup

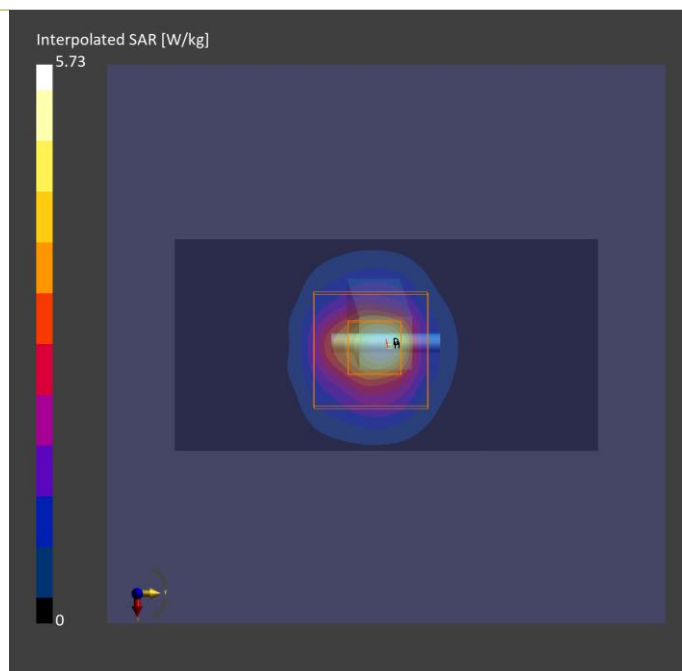
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-08-28	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	2025-08-28
psSAR1g [W/kg]	4.01	4.03
psSAR10g [W/kg]	1.11	1.14
Power Drift [dB]	-0.13	-0.11



Plots of System Verification

Measurement Report

S23 System Check_H5800_250828

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	4.78	5.12	34.7

Hardware Setup

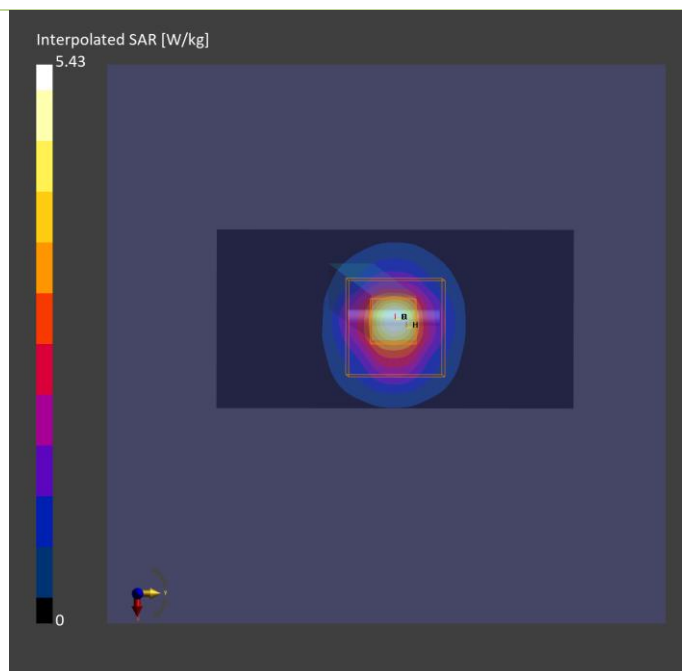
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-08-28	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	2025-08-28
psSAR1g [W/kg]	3.77	3.87
psSAR10g [W/kg]	1.11	1.12
Power Drift [dB]	-0.16	-0.04



Plots of System Verification

S24 System Check_H2450_251001

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		

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	7.14	1.85	38.2

Hardware Setup

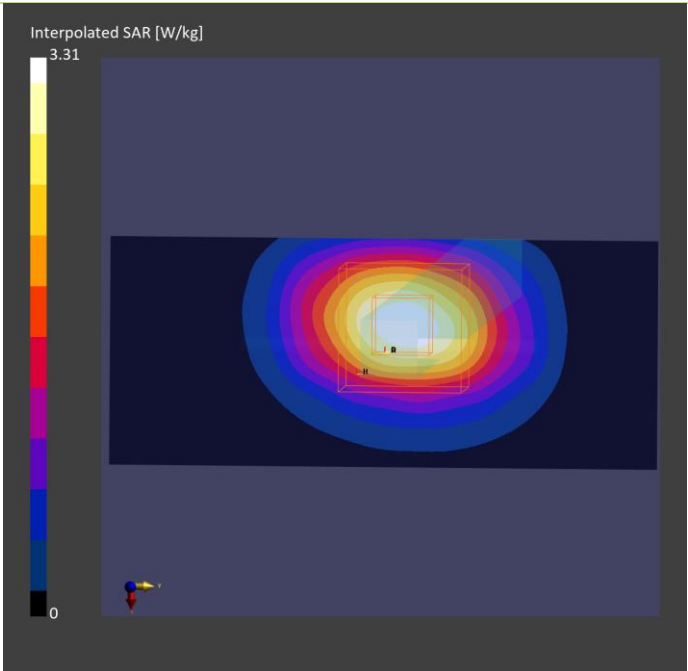
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H19T27N5 , 2025-Oct-01	EX3DV4 - SN7696, 2025-09-11	DAE4 Sn1762, 2024-11-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-01	2025-10-01
psSAR1g [W/kg]	2.57	2.70
psSAR10g [W/kg]	1.27	1.30
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		82.7
Dist 3dB Peak [mm]		9.0



Plots of System Verification

Measurement Report
S25 System Check_H13MHz_250828
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CLA13,	240.0 x 240.0 x 95.0		

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,	FRONT, 0.00	Custom Band	CW, 0--	13.000,	15.75	0.744	54.9

Hardware Setup

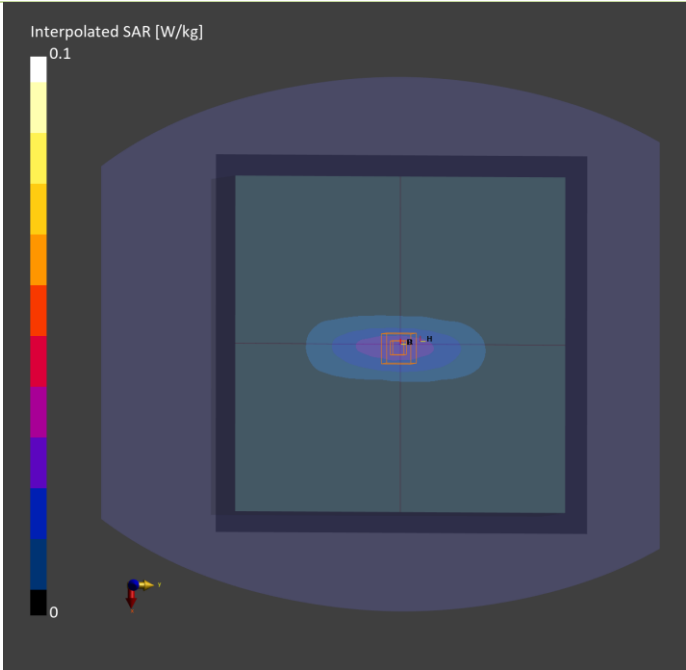
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2190	250MHz , 2025-08-28	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1762, 2024-11-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	270.0 x 270.0	36.0 x 40.0 x 30.8
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	2025-08-28
psSAR1g [W/kg]	0.029	0.029
psSAR10g [W/kg]	0.021	0.018
Power Drift [dB]	0.04	0.03



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

P20 WLAN2.4G_802.11b_Bottom Side_0mm_Ch11_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060594,	197.0 x 106.0 x 33.0		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,	Bottom Side, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2462.000, 11	6.87	1.81	39.0

Hardware Setup

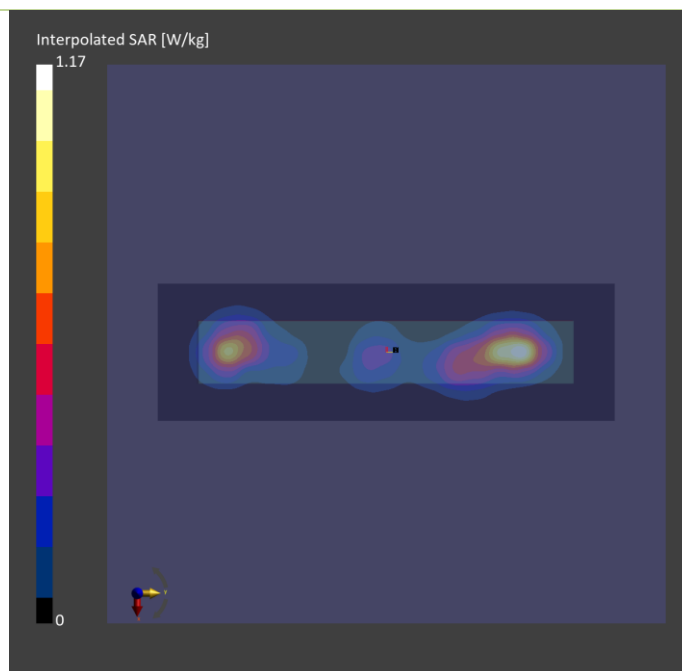
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H19T27N9 , 2025-08-27	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 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	2025-08-27	2025-08-27
psSAR1g [W/kg]	0.882	0.923
psSAR10g [W/kg]	0.400	0.425
Power Drift [dB]	-0.07	0.07
M2/M1 [%]		46.4
Dist 3dB Peak [mm]		8.6



Plots of Measurement

Measurement Report

P21 WLAN5.3G_802.11ac VHT160_Bottom Side_0mm_Ch50_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060594,	197.0 x 106.0 x 33.0		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,	Bottom Side, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5250.000, 50	5.27	4.51	35.6

Hardware Setup

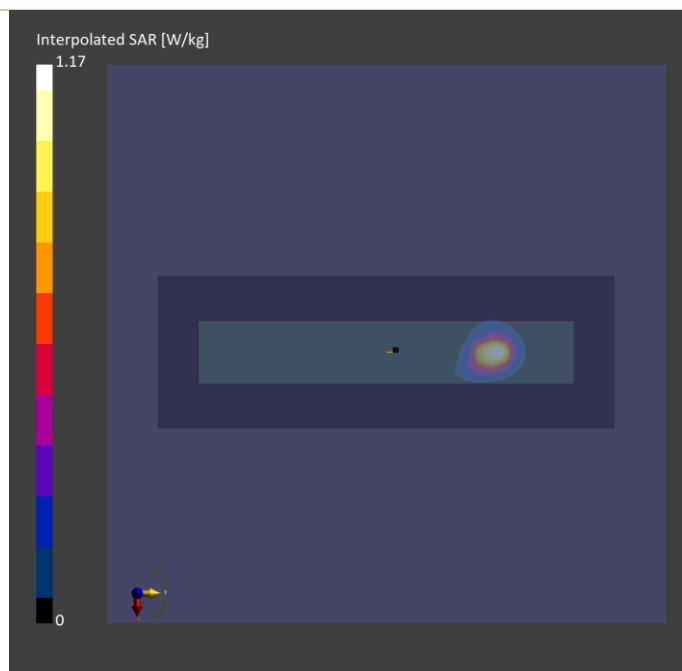
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-08-28	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 240.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	2025-08-28
psSAR1g [W/kg]	0.782	0.909
psSAR10g [W/kg]	0.243	0.249
Power Drift [dB]	-0.01	0.05
M2/M1 [%]		61.6
Dist 3dB Peak [mm]		7.2



Plots of Measurement

Measurement Report

P22 WLAN5.6G_802.11ac VHT160_Bottom Side_0mm_Ch114_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060594,	197.0 x 106.0 x 33.0		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,	Bottom Side, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5570.000, 114	4.83	4.86	35.1

Hardware Setup

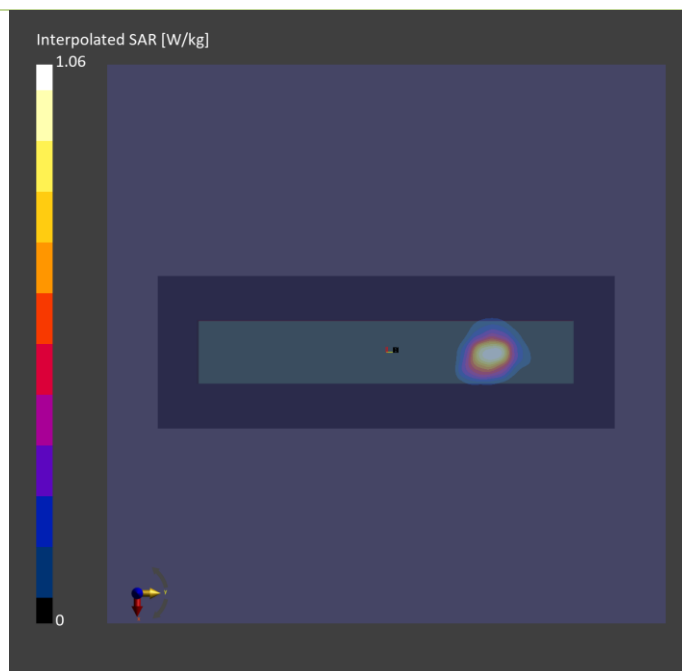
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-08-28	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 240.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	2025-08-28
psSAR1g [W/kg]	0.763	0.907
psSAR10g [W/kg]	0.245	0.242
Power Drift [dB]	-0.08	-0.07
M2/M1 [%]		57.2
Dist 3dB Peak [mm]		7.9



Plots of Measurement

Measurement Report

P23 WLAN5.8G_802.11ac VHT80_Bottom Side_0mm_Ch155_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060594,	197.0 x 106.0 x 33.0		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,	Bottom Side, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.78	5.09	34.7

Hardware Setup

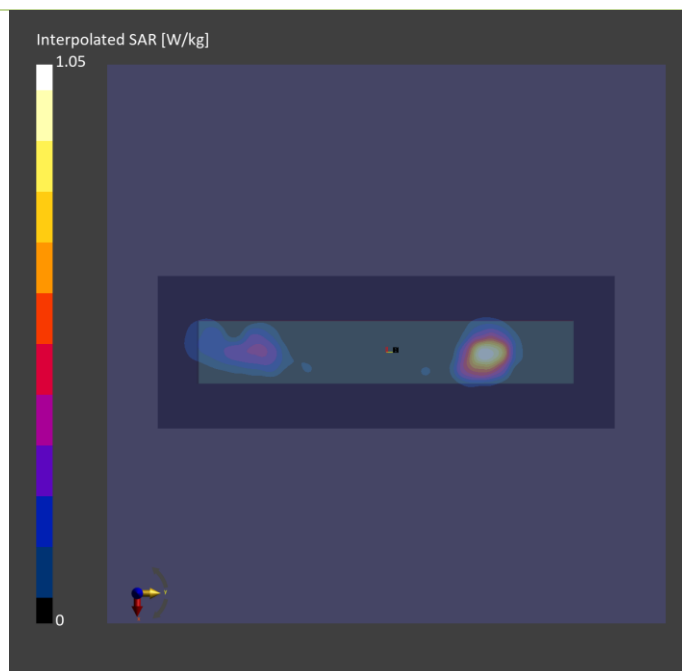
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-08-28	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 240.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	2025-08-28
psSAR1g [W/kg]	0.752	0.873
psSAR10g [W/kg]	0.244	0.242
Power Drift [dB]	-0.05	0.06
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		8.0



Plots of Measurement

P24 BT_BDR_Bottom Side_0mm_Ch78_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060594,	106.0 x 197.0 x 33.0		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,	EDGE BOTTOM, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.000, 78	7.14	1.87	38.1

Hardware Setup

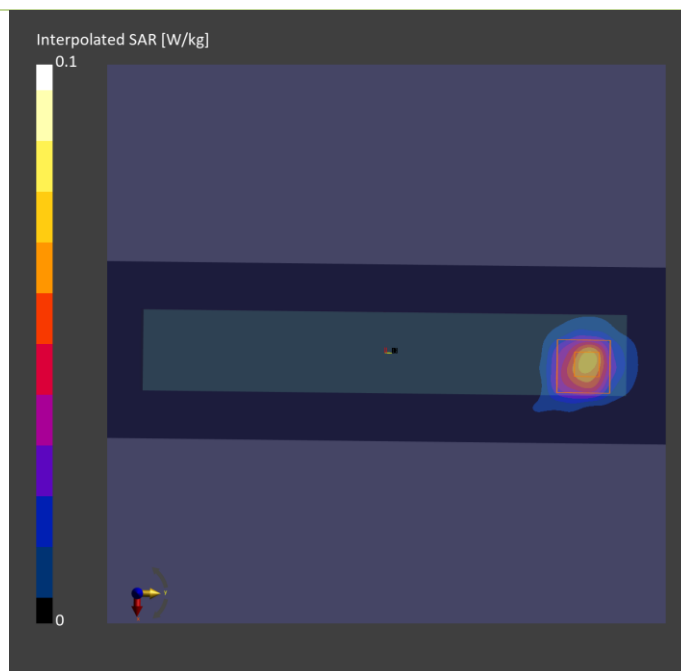
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H19T27N5 , 2025-Oct-01	EX3DV4 - SN7696, 2025-09-11	DAE4 Sn1762, 2024-11-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 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	2025-10-01	2025-10-01
psSAR1g [W/kg]	0.057	0.071
psSAR10g [W/kg]	0.025	0.027
Power Drift [dB]	-0.18	-0.02
M2/M1 [%]		40.9
Dist 3dB Peak [mm]		6.4



Plots of Measurement

Measurement Report
P25 NFC_ASK_Top Side_0mm_13.56MHz
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060594,	197.0 x 106.0 x 33.0		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, 0.00	Custom Band	CW, 0--	13.600,	15.75	0.741	54.7

Hardware Setup

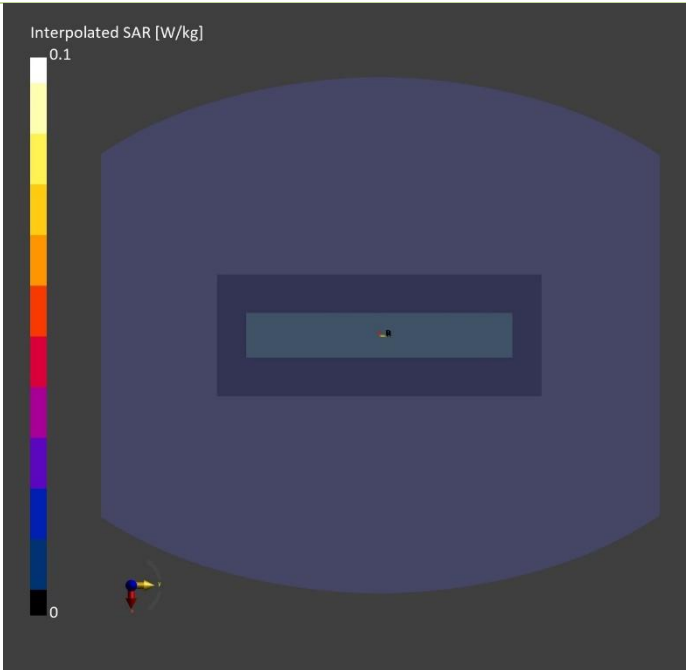
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2190	250MHz , 2025-08-28	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1762, 2024-11-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 240.0	
Grid Steps [mm]	10.0 x 10.0	
Sensor Surface [mm]	3.0	

Measurement Results

	Area Scan	Zoom Scan
Date	2025-08-28	
psSAR1g [W/kg]	0	
psSAR10g [W/kg]	0	
Power Drift [dB]	0.00	
M2/M1 [%]		
Dist 3dB Peak [mm]		



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 $\pm 5\%$ of the target values. Liquid temperature during the SAR testing has kept within $\pm 2^\circ\text{C}$.
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)
S20	2450	21.8	1.80	39.0	1.8	39.2	0.00	-0.51	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 27, 2025	2450	52.90	2.66	53.07	0.33	737	7736	1589	17
S21	5250	21.9	4.51	35.6	4.71	35.9	-4.25	-0.84	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 28, 2025	5250	78.30	3.84	76.62	-2.15	1019	7736	1589	17
S22	5600	21.9	4.89	35.0	5.07	35.5	-3.55	-1.41	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 28, 2025	5600	80.80	4.03	80.41	-0.48	1019	7736	1589	17
S23	5800	21.9	5.12	34.7	5.27	35.3	-2.85	-1.70	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 28, 2025	5800	78.80	3.87	77.22	-2.01	1019	7736	1589	17
S24	2450	21.6	1.85	38.2	1.8	39.2	2.78	-2.55	Pass	Pass	Pass	GFSK	N/A	Pass	Oct. 01, 2025	2450	52.90	2.7	53.87	1.84	737	7696	1762	17
S25	13	21.3	0.744	54.9	0.75	55	-0.80	-0.18	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 28, 2025	13	0.534	0.029	0.579	8.36	1018	7797	1762	17

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	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
802.11g	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
802.11n HT20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
802.11n HT40	3	2422	17.0	17.0	17.0	17.0	20.0
	6	2437	17.0	17.0	17.0	17.0	20.0
	9	2452	17.0	17.0	17.0	17.0	20.0
802.11ac VHT20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
802.11ac VHT40	3	2422	17.0	17.0	17.0	17.0	20.0
	6	2437	17.0	17.0	17.0	17.0	20.0
	9	2452	17.0	17.0	17.0	17.0	20.0
802.11ax HE20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
802.11ax HE40	3	2422	17.0	17.0	17.0	17.0	20.0
	6	2437	17.0	17.0	17.0	17.0	20.0
	9	2452	17.0	17.0	17.0	17.0	20.0

Tune-up Power (Full)					
Bluetooth					
Mode	Channel	Frequency	Ant 0 Max Tune-up	Ant 1 Max Tune-up	
BR / EDR	0	2402	7.5	7.5	
	39	2441	7.5	7.5	
	78	2480	7.5	7.5	
LE	0	2402	7.0	7.0	
	19	2440	7.0	7.0	
	39	2480	7.0	7.0	

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	12.0	12.0	12.0	12.0	15.0
	40	5200	12.0	12.0	12.0	12.0	15.0
	44	5220	12.0	12.0	12.0	12.0	15.0
	48	5240	12.0	12.0	12.0	12.0	15.0
802.11n HT20	36	5180	12.0	12.0	12.0	12.0	15.0
	40	5200	12.0	12.0	12.0	12.0	15.0
	44	5220	12.0	12.0	12.0	12.0	15.0
	48	5240	12.0	12.0	12.0	12.0	15.0
802.11n HT40	38	5190	12.0	12.0	12.0	12.0	15.0
	46	5230	12.0	12.0	12.0	12.0	15.0
802.11ac VHT20	36	5180	12.0	12.0	12.0	12.0	15.0
	40	5200	12.0	12.0	12.0	12.0	15.0
	44	5220	12.0	12.0	12.0	12.0	15.0
	48	5240	12.0	12.0	12.0	12.0	15.0
802.11ac VHT40	38	5190	12.0	12.0	12.0	12.0	15.0
	46	5230	12.0	12.0	12.0	12.0	15.0
802.11ac VHT80	42	5210	12.0	12.0	12.0	12.0	15.0
802.11ax HE20	36	5180	12.0	12.0	12.0	12.0	15.0
	40	5200	12.0	12.0	12.0	12.0	15.0
	44	5220	12.0	12.0	12.0	12.0	15.0
	48	5240	12.0	12.0	12.0	12.0	15.0
802.11ax HE40	38	5190	12.0	12.0	12.0	12.0	15.0
	46	5230	12.0	12.0	12.0	12.0	15.0
802.11ax HE80	42	5210	12.0	12.0	12.0	12.0	15.0

Tune-up Power (Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	12.0	12.0	12.0	12.0	15.0
	56	5280	12.0	12.0	12.0	12.0	15.0
	60	5300	12.0	12.0	12.0	12.0	15.0
	64	5320	12.0	12.0	12.0	12.0	15.0
802.11n HT20	52	5260	12.0	12.0	12.0	12.0	15.0
	56	5280	12.0	12.0	12.0	12.0	15.0
	60	5300	12.0	12.0	12.0	12.0	15.0
	64	5320	12.0	12.0	12.0	12.0	15.0
802.11n HT40	54	5270	12.0	12.0	12.0	12.0	15.0
	62	5310	12.0	12.0	12.0	12.0	15.0
802.11ac VHT20	52	5260	12.0	12.0	12.0	12.0	15.0
	56	5280	12.0	12.0	12.0	12.0	15.0
	60	5300	12.0	12.0	12.0	12.0	15.0
	64	5320	12.0	12.0	12.0	12.0	15.0
802.11ac VHT40	54	5270	12.0	12.0	12.0	12.0	15.0
	62	5310	12.0	12.0	12.0	12.0	15.0
802.11ac VHT80	58	5290	12.0	12.0	12.0	12.0	15.0
802.11ac VHT160	50	5250	12.0	12.0	12.0	12.0	15.0
802.11ax HE20	52	5260	12.0	12.0	12.0	12.0	15.0
	56	5280	12.0	12.0	12.0	12.0	15.0
	60	5300	12.0	12.0	12.0	12.0	15.0
	64	5320	12.0	12.0	12.0	12.0	15.0
802.11ax HE40	54	5270	12.0	12.0	12.0	12.0	15.0
	62	5310	12.0	12.0	12.0	12.0	15.0
802.11ax HE80	58	5290	12.0	12.0	12.0	12.0	15.0
802.11ax HE160	50	5250	12.0	12.0	12.0	12.0	15.0

Tune-up Power (Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	12.0	12.0	12.0	12.0	15.0
	116	5580	12.0	12.0	12.0	12.0	15.0
	120	5600	12.0	12.0	12.0	12.0	15.0
	124	5620	12.0	12.0	12.0	12.0	15.0
	132	5660	12.0	12.0	12.0	12.0	15.0
	140	5700	12.0	12.0	12.0	12.0	15.0
	144	5720	12.0	12.0	12.0	12.0	15.0
802.11n HT20	100	5500	12.0	12.0	12.0	12.0	15.0
	116	5580	12.0	12.0	12.0	12.0	15.0
	120	5600	12.0	12.0	12.0	12.0	15.0
	124	5620	12.0	12.0	12.0	12.0	15.0
	132	5660	12.0	12.0	12.0	12.0	15.0
	140	5700	12.0	12.0	12.0	12.0	15.0
	144	5720	12.0	12.0	12.0	12.0	15.0
802.11n HT40	102	5510	12.0	12.0	12.0	12.0	15.0
	110	5550	12.0	12.0	12.0	12.0	15.0
	118	5590	12.0	12.0	12.0	12.0	15.0
	126	5630	12.0	12.0	12.0	12.0	15.0
	134	5670	12.0	12.0	12.0	12.0	15.0
	142	5710	12.0	12.0	12.0	12.0	15.0
802.11ac VHT20	100	5500	12.0	12.0	12.0	12.0	15.0
	116	5580	12.0	12.0	12.0	12.0	15.0
	120	5600	12.0	12.0	12.0	12.0	15.0
	124	5620	12.0	12.0	12.0	12.0	15.0
	132	5660	12.0	12.0	12.0	12.0	15.0
	140	5700	12.0	12.0	12.0	12.0	15.0
	144	5720	12.0	12.0	12.0	12.0	15.0
802.11ac VHT40	102	5510	12.0	12.0	12.0	12.0	15.0
	110	5550	12.0	12.0	12.0	12.0	15.0
	118	5590	12.0	12.0	12.0	12.0	15.0
	126	5630	12.0	12.0	12.0	12.0	15.0
	134	5670	12.0	12.0	12.0	12.0	15.0
	142	5710	12.0	12.0	12.0	12.0	15.0
802.11ac VHT80	106	5530	12.0	12.0	12.0	12.0	15.0
	122	5610	12.0	12.0	12.0	12.0	15.0
	138	5690	12.0	12.0	12.0	12.0	15.0
802.11ac VHT160	114	5570	12.0	12.0	12.0	12.0	15.0
802.11ax HE20	100	5500	12.0	12.0	12.0	12.0	15.0
	116	5580	12.0	12.0	12.0	12.0	15.0
	120	5600	12.0	12.0	12.0	12.0	15.0
	124	5620	12.0	12.0	12.0	12.0	15.0
	132	5660	12.0	12.0	12.0	12.0	15.0
	140	5700	12.0	12.0	12.0	12.0	15.0
	144	5720	12.0	12.0	12.0	12.0	15.0
802.11ax HE40	102	5510	12.0	12.0	12.0	12.0	15.0
	110	5550	12.0	12.0	12.0	12.0	15.0
	118	5590	12.0	12.0	12.0	12.0	15.0
	126	5630	12.0	12.0	12.0	12.0	15.0
	134	5670	12.0	12.0	12.0	12.0	15.0
	142	5710	12.0	12.0	12.0	12.0	15.0
802.11ax HE80	106	5530	12.0	12.0	12.0	12.0	15.0
	122	5610	12.0	12.0	12.0	12.0	15.0
	138	5690	12.0	12.0	12.0	12.0	15.0
802.11ax HE160	114	5570	12.0	12.0	12.0	12.0	15.0

Tune-up Power (Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	12.0	12.0	12.0	12.0	15.0
	153	5765	12.0	12.0	12.0	12.0	15.0
	157	5785	12.0	12.0	12.0	12.0	15.0
	161	5805	12.0	12.0	12.0	12.0	15.0
	165	5825	12.0	12.0	12.0	12.0	15.0
802.11n HT20	149	5745	12.0	12.0	12.0	12.0	15.0
	153	5765	12.0	12.0	12.0	12.0	15.0
	157	5785	12.0	12.0	12.0	12.0	15.0
	161	5805	12.0	12.0	12.0	12.0	15.0
	165	5825	12.0	12.0	12.0	12.0	15.0
802.11n HT40	151	5755	12.0	12.0	12.0	12.0	15.0
	159	5795	12.0	12.0	12.0	12.0	15.0
802.11ac VHT20	149	5745	12.0	12.0	12.0	12.0	15.0
	153	5765	12.0	12.0	12.0	12.0	15.0
	157	5785	12.0	12.0	12.0	12.0	15.0
	161	5805	12.0	12.0	12.0	12.0	15.0
	165	5825	12.0	12.0	12.0	12.0	15.0
802.11ac VHT40	151	5755	12.0	12.0	12.0	12.0	15.0
	159	5795	12.0	12.0	12.0	12.0	15.0
802.11ac VHT80	155	5775	12.0	12.0	12.0	12.0	15.0
802.11ax HE20	149	5745	12.0	12.0	12.0	12.0	15.0
	153	5765	12.0	12.0	12.0	12.0	15.0
	157	5785	12.0	12.0	12.0	12.0	15.0
	161	5805	12.0	12.0	12.0	12.0	15.0
	165	5825	12.0	12.0	12.0	12.0	15.0
802.11ax HE40	151	5755	12.0	12.0	12.0	12.0	15.0
	159	5795	12.0	12.0	12.0	12.0	15.0
802.11ax HE80	155	5775	12.0	12.0	12.0	12.0	15.0

Appendix E. Measured Conducted Power Result

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

Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	17.48
	6	2437	17.49
	11	2462	17.45
802.11g	1	2412	17.24
	6	2437	17.25
	11	2462	17.34
802.11n HT20	1	2412	17.27
	6	2437	17.26
	11	2462	17.27
802.11n HT40	3	2422	16.88
	6	2437	16.75
	9	2452	16.8
802.11ac VHT20	1	2412	17.28
	6	2437	17.33
	11	2462	17.34
802.11ac VHT40	3	2422	16.82
	6	2437	16.75
	9	2452	16.79
802.11ax HE20	1	2412	17.36
	6	2437	17.24
	11	2462	17.34
802.11ax HE40	3	2422	16.8
	6	2437	16.87
	9	2452	16.83

Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	17.16
	6	2437	17.17
	11	2462	17.11
802.11g	1	2412	16.93
	6	2437	17.04
	11	2462	16.95
802.11n HT20	1	2412	17.05
	6	2437	17
	11	2462	16.92
802.11n HT40	3	2422	16.88
	6	2437	16.8
	9	2452	16.76
802.11ac VHT20	1	2412	16.96
	6	2437	17.05
	11	2462	17.02
802.11ac VHT40	3	2422	16.79
	6	2437	16.85
	9	2452	16.75
802.11ax HE20	1	2412	17.01
	6	2437	17.05
	11	2462	16.99
802.11ax HE40	3	2422	16.85
	6	2437	16.8
	9	2452	16.78

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	17.3	17.21	20.27
	6	2437	17.34	17.24	20.30
	11	2462	17.32	17.23	20.29
802.11g	1	2412	17.06	17.03	20.06
	6	2437	17.15	17.06	20.12
	11	2462	17.09	17.03	20.07
802.11n HT20	1	2412	17.03	17.06	20.06
	6	2437	17.05	17.08	20.08
	11	2462	17.17	17.14	20.17
802.11n HT40	3	2422	16.51	16.04	19.29
	6	2437	16.38	16.03	19.22
	9	2452	16.44	15.92	19.20
802.11ac VHT20	1	2412	17.08	17.1	20.10
	6	2437	17.06	17.06	20.07
	11	2462	17.06	17.06	20.07
802.11ac VHT40	3	2422	16.44	16.04	19.25
	6	2437	16.51	15.96	19.25
	9	2452	16.51	15.98	19.26
802.11ax HE20	1	2412	17.16	17.08	20.13
	6	2437	17.15	17.01	20.09
	11	2462	17.1	17.08	20.10
802.11ax HE40	3	2422	16.48	15.96	19.24
	6	2437	16.51	16.02	19.28
	9	2452	16.42	15.9	19.18

Conducted Power (Full)			
Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	6.05
	39	2441	6.1
	78	2480	6.24
LE	0	2402	5.6
	19	2440	5.69
	39	2480	5.52

Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	7.02
	39	2441	7.07
	78	2480	7.25
LE	0	2402	6.36
	19	2440	6.66
	39	2480	6.67

Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	11.8
	40	5200	11.87
	44	5220	11.77
	48	5240	11.84
802.11n HT20	36	5180	11.81
	40	5200	11.84
	44	5220	11.76
	48	5240	11.85
802.11n HT40	38	5190	11.89
	46	5230	11.88
802.11ac VHT20	36	5180	11.81
	40	5200	11.83
	44	5220	11.74
	48	5240	11.79
802.11ac VHT40	38	5190	11.84
	46	5230	11.75
802.11ac VHT80	42	5210	11.99
802.11ax HE20	36	5180	11.79
	40	5200	11.78
	44	5220	11.79
	48	5240	11.83
802.11ax HE40	38	5190	11.83
	46	5230	11.74
802.11ax HE80	42	5210	11.88

Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	11.65
	40	5200	11.55
	44	5220	11.54
	48	5240	11.58
802.11n HT20	36	5180	11.66
	40	5200	11.65
	44	5220	11.55
	48	5240	11.63
802.11n HT40	38	5190	11.61
	46	5230	11.58
802.11ac VHT20	36	5180	11.56
	40	5200	11.64
	44	5220	11.64
	48	5240	11.52
802.11ac VHT40	38	5190	11.67
	46	5230	11.58
802.11ac VHT80	42	5210	11.77
802.11ax HE20	36	5180	11.67
	40	5200	11.53
	44	5220	11.66
	48	5240	11.67
802.11ax HE40	38	5190	11.63
	46	5230	11.63
802.11ax HE80	42	5210	11.67

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	11.45	11.98	14.73
	40	5200	11.52	11.99	14.77
	44	5220	11.46	11.02	14.26
	48	5240	11.81	11.95	14.89
802.11n HT20	36	5180	11.48	10.96	14.24
	40	5200	11.48	10.93	14.22
	44	5220	11.44	11.03	14.25
	48	5240	11.41	10.92	14.18
802.11n HT40	38	5190	11.44	11	14.24
	46	5230	11.53	11.04	14.3
802.11ac VHT20	36	5180	10.78	11.72	14.29
	40	5200	10.83	11.73	14.31
	44	5220	11.52	11	14.28
	48	5240	11.07	11.63	14.37
802.11ac VHT40	38	5190	11.15	11.88	14.54
	46	5230	11.74	11.82	14.79
802.11ac VHT80	42	5210	11.74	11.85	14.81
802.11ax HE20	36	5180	10.88	11.8	14.37
	40	5200	10.92	11.82	14.4
	44	5220	11.47	11.02	14.26
	48	5240	11.15	11.72	14.45
802.11ax HE40	38	5190	11.23	11.95	14.62
	46	5230	11.82	11.9	14.87
802.11ax HE80	42	5210	11.84	11.95	14.91

Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	11.58
	56	5280	11.57
	60	5300	11.56
	64	5320	11.58
802.11n HT20	52	5260	11.46
	56	5280	11.57
	60	5300	11.56
	64	5320	11.46
802.11n HT40	54	5270	11.49
	62	5310	11.59
802.11ac VHT20	52	5260	11.5
	56	5280	11.57
	60	5300	11.51
	64	5320	11.52
802.11ac VHT40	54	5270	11.49
	62	5310	11.45
802.11ac VHT80	58	5290	11.44
802.11ac VHT160	50	5250	11.62
802.11ax HE20	52	5260	11.5
	56	5280	11.55
	60	5300	11.53
	64	5320	11.49
802.11ax HE40	54	5270	11.47
	62	5310	11.46
802.11ax HE80	58	5290	11.53
802.11ax HE160	50	5250	11.45

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	11.77	11.43	14.61
	56	5280	11.76	11.31	14.55
	60	5300	11.64	11.33	14.5
	64	5320	11.67	11.39	14.54
802.11n HT20	52	5260	11.73	11.34	14.55
	56	5280	11.71	11.32	14.53
	60	5300	11.63	11.39	14.52
	64	5320	11.66	11.35	14.52
802.11n HT40	54	5270	11.68	11.3	14.5
	62	5310	11.7	11.32	14.52
802.11ac VHT20	52	5260	11.66	11.32	14.5
	56	5280	11.68	11.39	14.55
	60	5300	11.64	11.37	14.52
	64	5320	11.74	11.37	14.57
802.11ac VHT40	54	5270	11.62	11.44	14.54
	62	5310	11.73	11.33	14.54
802.11ac VHT80	58	5290	11.62	11.37	14.51
802.11ac VHT160	50	5250	11.85	11.55	14.71
802.11ax HE20	52	5260	11.68	11.33	14.52
	56	5280	11.71	11.32	14.53
	60	5300	11.71	11.3	14.52
	64	5320	11.75	11.33	14.56
802.11ax HE40	54	5270	11.74	11.45	14.61
	62	5310	11.68	11.33	14.52
802.11ax HE80	58	5290	11.67	11.37	14.53
802.11ax HE160	50	5250	11.86	11.56	14.72

Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	11.76
	56	5280	11.77
	60	5300	11.73
	64	5320	11.84
802.11n HT20	52	5260	11.8
	56	5280	11.73
	60	5300	11.73
	64	5320	11.81
802.11n HT40	54	5270	11.84
	62	5310	11.78
802.11ac VHT20	52	5260	11.73
	56	5280	11.85
	60	5300	11.73
	64	5320	11.77
802.11ac VHT40	54	5270	11.81
	62	5310	11.73
802.11ac VHT80	58	5290	11.84
802.11ac VHT160	50	5250	11.98
802.11ax HE20	52	5260	11.82
	56	5280	11.85
	60	5300	11.76
	64	5320	11.86
802.11ax HE40	54	5270	11.8
	62	5310	11.75
802.11ax HE80	58	5290	11.78
802.11ax HE160	50	5250	11.87

Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	11.59
	116	5580	11.49
	120	5600	11.55
	124	5620	11.49
	132	5660	11.56
	140	5700	11.52
	144	5720	11.6
802.11n HT20	100	5500	11.56
	116	5580	11.53
	120	5600	11.58
	124	5620	11.59
	132	5660	11.5
	140	5700	11.58
	144	5720	11.6
802.11n HT40	102	5510	11.57
	110	5550	11.55
	118	5590	11.57
	126	5630	11.57
	134	5670	11.51
	142	5710	11.61
802.11ac VHT20	100	5500	11.51
	116	5580	11.62
	120	5600	11.49
	124	5620	11.56
	132	5660	11.57
	140	5700	11.55
	144	5720	11.61
802.11ac VHT40	102	5510	11.48
	110	5550	11.59
	118	5590	11.57
	126	5630	11.54
	134	5670	11.48
	142	5710	11.5
802.11ac VHT80	106	5530	11.59
	122	5610	11.61
	138	5690	11.51
802.11ac VHT160	114	5570	11.72
802.11ax HE20	100	5500	11.49
	116	5580	11.5
	120	5600	11.56
	124	5620	11.58
	132	5660	11.53
	140	5700	11.54
	144	5720	11.62
802.11ax HE40	102	5510	11.61
	110	5550	11.59
	118	5590	11.49
	126	5630	11.54
	134	5670	11.49
	142	5710	11.53



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Conducted Power (Full)			
802.11ax HE80	106	5530	11.47
	122	5610	11.58
	138	5690	11.52
802.11ax HE160	114	5570	11.62

Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	11.71
	116	5580	11.7
	120	5600	11.69
	124	5620	11.76
	132	5660	11.68
	140	5700	11.69
	144	5720	11.74
802.11n HT20	100	5500	11.77
	116	5580	11.7
	120	5600	11.67
	124	5620	11.69
	132	5660	11.78
	140	5700	11.67
	144	5720	11.68
802.11n HT40	102	5510	11.64
	110	5550	11.69
	118	5590	11.77
	126	5630	11.75
	134	5670	11.72
	142	5710	11.64
802.11ac VHT20	100	5500	11.73
	116	5580	11.74
	120	5600	11.63
	124	5620	11.67
	132	5660	11.74
	140	5700	11.7
	144	5720	11.67
802.11ac VHT40	102	5510	11.77
	110	5550	11.66
	118	5590	11.66
	126	5630	11.7
	134	5670	11.76
	142	5710	11.66
802.11ac VHT80	106	5530	11.76
	122	5610	11.68
	138	5690	11.65
802.11ac VHT160	114	5570	11.98
802.11ax HE20	100	5500	11.64
	116	5580	11.78
	120	5600	11.72
	124	5620	11.69
	132	5660	11.7
	140	5700	11.66
	144	5720	11.66
802.11ax HE40	102	5510	11.77
	110	5550	11.76
	118	5590	11.73
	126	5630	11.71
	134	5670	11.74
	142	5710	11.71



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Conducted Power (Full)			
802.11ax HE80	106	5530	11.66
	122	5610	11.77
	138	5690	11.65
802.11ax HE160	114	5570	11.67

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	11.79	11.77	14.79
	116	5580	11.83	11.76	14.81
	120	5600	11.84	11.76	14.81
	124	5620	11.83	11.76	14.81
	132	5660	11.74	11.86	14.81
	140	5700	11.88	11.84	14.87
	144	5720	11.82	11.79	14.82
802.11n HT20	100	5500	11.83	11.87	14.86
	116	5580	11.75	11.76	14.77
	120	5600	11.86	11.83	14.86
	124	5620	11.86	11.88	14.88
	132	5660	11.86	11.84	14.86
	140	5700	11.83	11.85	14.85
	144	5720	11.73	11.74	14.75
802.11n HT40	102	5510	11.8	11.81	14.82
	110	5550	11.83	11.78	14.82
	118	5590	11.83	11.81	14.83
	126	5630	11.82	11.73	14.79
	134	5670	11.82	11.79	14.82
	142	5710	11.75	11.88	14.83
802.11ac VHT20	100	5500	11.83	11.82	14.84
	116	5580	11.78	11.75	14.78
	120	5600	11.75	11.8	14.79
	124	5620	11.85	11.8	14.84
	132	5660	11.79	11.84	14.83
	140	5700	11.85	11.73	14.8
	144	5720	11.79	11.87	14.84
802.11ac VHT40	102	5510	11.86	11.75	14.82
	110	5550	11.84	11.79	14.83
	118	5590	11.77	11.81	14.8
	126	5630	11.73	11.85	14.8
	134	5670	11.85	11.73	14.8
	142	5710	11.76	11.74	14.76
802.11ac VHT80	106	5530	11.86	11.86	14.87
	122	5610	11.86	11.76	14.82
	138	5690	11.78	11.8	14.8
802.11ac VHT160	114	5570	11.98	11.92	14.96
802.11ax HE20	100	5500	11.87	11.74	14.82
	116	5580	11.79	11.87	14.84
	120	5600	11.84	11.77	14.82
	124	5620	11.86	11.83	14.86
	132	5660	11.81	11.84	14.84
	140	5700	11.75	11.79	14.78
	144	5720	11.85	11.79	14.83
802.11ax HE40	102	5510	11.87	11.76	14.83
	110	5550	11.8	11.81	14.82
	118	5590	11.85	11.75	14.81
	126	5630	11.85	11.8	14.84
	134	5670	11.81	11.87	14.85
	142	5710	11.86	11.85	14.87



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Conducted Power (Full)					
802.11ax HE80	106	5530	11.87	11.82	14.86
	122	5610	11.81	11.78	14.81
	138	5690	11.8	11.88	14.85
802.11ax HE160	114	5570	11.99	11.95	14.98

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	11.77
	153	5765	11.78
	157	5785	11.73
	161	5805	11.85
	165	5825	11.75
802.11n HT20	149	5745	11.74
	153	5765	11.79
	157	5785	11.84
	161	5805	11.73
	165	5825	11.72
802.11n HT40	151	5755	11.83
	159	5795	11.75
802.11ac VHT20	149	5745	11.81
	153	5765	11.83
	157	5785	11.83
	161	5805	11.75
	165	5825	11.73
802.11ac VHT40	151	5755	11.81
	159	5795	11.86
802.11ac VHT80	155	5775	11.97
802.11ax HE20	149	5745	11.81
	153	5765	11.83
	157	5785	11.76
	161	5805	11.77
	165	5825	11.85
802.11ax HE40	151	5755	11.75
	159	5795	11.76
802.11ax HE80	155	5775	11.87

Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	11.74
	153	5765	11.85
	157	5785	11.87
	161	5805	11.73
	165	5825	11.74
802.11n HT20	149	5745	11.73
	153	5765	11.73
	157	5785	11.78
	161	5805	11.78
	165	5825	11.72
802.11n HT40	151	5755	11.79
	159	5795	11.72
802.11ac VHT20	149	5745	11.86
	153	5765	11.82
	157	5785	11.72
	161	5805	11.73
	165	5825	11.72
802.11ac VHT40	151	5755	11.75
	159	5795	11.78
802.11ac VHT80	155	5775	11.92
802.11ax HE20	149	5745	11.73
	153	5765	11.81
	157	5785	11.78
	161	5805	11.81
	165	5825	11.87
802.11ax HE40	151	5755	11.84
	159	5795	11.78
802.11ax HE80	155	5775	11.72

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	10.66	11.77	14.26
	153	5765	10.62	11.7	14.2
	157	5785	10.64	11.83	14.29
	161	5805	10.71	11.79	14.29
	165	5825	10.6	11.77	14.23
802.11n HT20	149	5745	10.7	11.73	14.26
	153	5765	10.7	11.79	14.29
	157	5785	10.64	11.73	14.23
	161	5805	10.68	11.7	14.23
	165	5825	10.63	11.71	14.21
802.11n HT40	151	5755	10.63	11.72	14.22
	159	5795	10.6	11.75	14.22
802.11ac VHT20	149	5745	10.68	11.79	14.28
	153	5765	10.64	11.84	14.29
	157	5785	10.63	11.8	14.26
	161	5805	10.61	11.83	14.27
	165	5825	10.67	11.7	14.23
802.11ac VHT40	151	5755	10.59	11.79	14.24
	159	5795	10.69	11.72	14.25
802.11ac VHT80	155	5775	11.01	11.98	14.53
802.11ax HE20	149	5745	10.63	11.73	14.23
	153	5765	10.58	11.79	14.24
	157	5785	10.68	11.85	14.31
	161	5805	10.66	11.8	14.28
	165	5825	10.72	11.7	14.25
802.11ax HE40	151	5755	10.59	11.75	14.22
	159	5795	10.65	11.71	14.22
802.11ax HE80	155	5775	11.03	11.99	14.55

Appendix F. SAR 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.

Body SAR Test Result

System & Position																	
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	DUT Configuration		SAR							
								Ant Status	P-sensor	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	Rear Face	0	6			Ant 0		100.00	1.00	17.50	17.49	1.00	0.16	0.308	0.31
	WLAN2.4G	802.11b	Left Side	0	6			Ant 0		100.00	1.00	17.50	17.49	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	6			Ant 0		100.00	1.00	17.50	17.49	1.00	0.01	0.138	0.14
	WLAN2.4G	802.11b	Top Side	0	6			Ant 0		100.00	1.00	17.50	17.49	1.00	-0.07	0.096	0.10
	WLAN2.4G	802.11b	Bottom Side	0	6			Ant 0		100.00	1.00	17.50	17.49	1.00	-0.17	0.474	0.47
	WLAN2.4G	802.11b	Rear Face	0	6			Ant 1		100.00	1.00	17.50	17.17	1.08	0.16	0.165	0.18
	WLAN2.4G	802.11b	Left Side	0	6			Ant 1		100.00	1.00	17.50	17.17	1.08	0.05	0.232	0.25
	WLAN2.4G	802.11b	Right Side	0	6			Ant 1		100.00	1.00	17.50	17.17	1.08	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	6			Ant 1		100.00	1.00	17.50	17.17	1.08	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	6			Ant 1		100.00	1.00	17.50	17.17	1.08	-0.06	0.875	0.95
	WLAN2.4G	802.11b	Rear Face	0	6			Ant 0+1		100.00	1.00	20.50	20.30	1.05	-0.14	0.244	0.26
	WLAN2.4G	802.11b	Left Side	0	6			Ant 0+1		100.00	1.00	20.50	20.30	1.05	0.14	0.205	0.22
	WLAN2.4G	802.11b	Right Side	0	6			Ant 0+1		100.00	1.00	20.50	20.30	1.05	-0.08	0.122	0.13
	WLAN2.4G	802.11b	Top Side	0	6			Ant 0+1		100.00	1.00	20.50	20.30	1.05	0.03	0.086	0.09
	WLAN2.4G	802.11b	Bottom Side	0	6			Ant 0+1		100.00	1.00	20.50	20.30	1.05	-0.18	0.912	0.96
	WLAN2.4G	802.11b	Bottom Side	0	1			Ant 1		100.00	1.00	17.50	17.16	1.08	0.04	0.833	0.90
	WLAN2.4G	802.11b	Bottom Side	0	11			Ant 1		100.00	1.00	17.50	17.11	1.09	-0.06	0.885	0.96
	WLAN2.4G	802.11b	Bottom Side	0	1			Ant 0+1		100.00	1.00	20.50	20.27	1.05	-0.01	0.869	0.91
20	WLAN2.4G	802.11b	Bottom Side	0	11			Ant 0+1		100.00	1.00	20.50	20.29	1.05	0.07	0.923	0.97
	WLAN2.4G	802.11b	Bottom Side	0	11			Ant 0+1		100.00	1.00	20.50	20.29	1.05	0.1	0.916	0.96
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			Ant 0		100.00	1.00	12.00	11.98	1.00	0.14	0.128	0.13
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			Ant 0		100.00	1.00	12.00	11.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			Ant 0		100.00	1.00	12.00	11.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			Ant 0		100.00	1.00	12.00	11.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			Ant 0		100.00	1.00	12.00	11.98	1.00	-0.04	0.507	0.51
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			Ant 1		100.00	1.00	12.00	11.62	1.09	-0.18	0.187	0.20
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			Ant 1		100.00	1.00	12.00	11.62	1.09	-0.19	0.166	0.18
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			Ant 1		100.00	1.00	12.00	11.62	1.09	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			Ant 1		100.00	1.00	12.00	11.62	1.09	0	<0.001	0.00
21	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			Ant 1		100.00	1.00	12.00	11.62	1.09	0.05	0.909	0.99
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			Ant 0+1		100.00	1.00	15.00	14.71	1.07	-0.12	0.147	0.16
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			Ant 0+1		100.00	1.00	15.00	14.71	1.07	0.04	0.138	0.15
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			Ant 0+1		100.00	1.00	15.00	14.71	1.07	-0.18	0.087	0.09
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			Ant 0+1		100.00	1.00	15.00	14.71	1.07	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			Ant 0+1		100.00	1.00	15.00	14.71	1.07	0.01	0.871	0.93
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			Ant 1		100.00	1.00	12.00	11.62	1.09	0.13	0.894	0.97
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Ant 0		100.00	1.00	12.00	11.72	1.07	0.13	0.114	0.12
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			Ant 0		100.00	1.00	12.00	11.72	1.07	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			Ant 0		100.00	1.00	12.00	11.72	1.07	0.07	0.096	0.10
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			Ant 0		100.00	1.00	12.00	11.72	1.07	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			Ant 0		100.00	1.00	12.00	11.72	1.07	-0.15	0.402	0.43
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Ant 1		100.00	1.00	12.00	11.98	1.00	0.01	0.198	0.20
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			Ant 1		100.00	1.00	12.00	11.98	1.00	0.01	0.106	0.11
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			Ant 1		100.00	1.00	12.00	11.98	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			Ant 1		100.00	1.00	12.00	11.98	1.00	0	<0.001	0.00
22	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			Ant 1		100.00	1.00	12.00	11.98	1.00	-0.07	0.907	0.91
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Ant 0+1		100.00	1.00	15.00	14.96	1.01	0.05	0.167	0.17
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			Ant 0+1		100.00	1.00	15.00	14.96	1.01	-0.02	0.131	0.13
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			Ant 0+1		100.00	1.00	15.00	14.96	1.01	0.16	0.127	0.13
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			Ant 0+1		100.00	1.00	15.00	14.96	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			Ant 0+1		100.00	1.00	15.00	14.96	1.01	-0.01	0.865	0.87
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			Ant 1		100.00	1.00	12.00	11.98	1.00	0.1	0.897	0.90
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Ant 0		96.89	1.03	12.00	11.97	1.01	-0.06	0.143	0.15
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			Ant 0		96.89	1.03	12.00	11.97	1.01	-0.09	0.113	0.12
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			Ant 0		96.89	1.03	12.00	11.97	1.01	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			Ant 0		96.89	1.03	12.00	11.97	1.01	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Ant 0		96.89	1.03	12.00	11.97	1.01	0.12	0.412	0.43
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Ant 1		97.98	1.02	12.00	11.92	1.02	-0.04	0.156	0.16
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			Ant 1		97.98	1.02	12.00	11.92	1.02	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			Ant 1		97.98	1.02	12.00	11.92	1.02	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			Ant 1		97.98	1.02	12.00	11.92	1.02	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Ant 1		97.98	1.02	12.00	11.92	1.02	0.12	0.87	0.91
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Ant 0+1		98.34	1.02	15.00	14.53	1.11	0.05	0.173	0.20
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			Ant 0+1		98.34	1.02	15.00	14.53	1.11	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			Ant 0+1		98.34	1.02	15.00	14.53	1.11	-0.1	0.161	0.18
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			Ant 0+1		98.34	1.02	15.00	14.53	1.11	0	<0.001	0.00
23	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Ant 0+1		98.34	1.02	15.00	14.53	1.11	0.06	0.873	0.99
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Ant 0+1		98.34	1.02	15.00	14.53	1.11	-0.17	0.861	0.97



Body SAR Test Result

Body SAR Test Result																	
System & Position								DUT Configuration		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	P-sensor	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	Rear Face	0	78			Ant 0		77.42	1.29	7.50	6.24	1.34	0	<0.001	0.00
	BT	BDR	Left Side	0	78			Ant 0		77.42	1.29	7.50	6.24	1.34	0	<0.001	0.00
	BT	BDR	Right Side	0	78			Ant 0		77.42	1.29	7.50	6.24	1.34	0	<0.001	0.00
	BT	BDR	Top Side	0	78			Ant 0		77.42	1.29	7.50	6.24	1.34	0	<0.001	0.00
	BT	BDR	Bottom Side	0	78			Ant 0		77.42	1.29	7.50	6.24	1.34	0.19	0.05	0.09
	BT	BDR	Rear Face	0	78			Ant 1		76.27	1.31	7.50	7.25	1.06	0	<0.001	0.00
	BT	BDR	Left Side	0	78			Ant 1		76.27	1.31	7.50	7.25	1.06	0	<0.001	0.00
	BT	BDR	Right Side	0	78			Ant 1		76.27	1.31	7.50	7.25	1.06	0	<0.001	0.00
	BT	BDR	Top Side	0	78			Ant 1		76.27	1.31	7.50	7.25	1.06	0	<0.001	0.00
24	BT	BDR	Bottom Side	0	78			Ant 1		76.27	1.31	7.50	7.25	1.06	-0.02	0.071	0.10
	BT	BDR	Bottom Side	0	0			Ant 1		76.27	1.31	7.50	7.02	1.12	0	<0.001	0.00
	BT	BDR	Bottom Side	0	39			Ant 1		76.27	1.31	7.50	7.07	1.10	0	<0.001	0.00
																	-
	NFC	ASK	Rear Face	0	13.56MHz					-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Left Side	0	13.56MHz					-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Right Side	0	13.56MHz					-	1.00	-	-	1	0	<0.001	0.00
25	NFC	ASK	Top Side	0	13.56MHz					-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Bottom Side	0	13.56MHz					-	1.00	-	-	1	0	<0.001	0.00

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
R20	WLAN2.4G	802.11b	Bottom Side	11	0.923	0.916	1.01
R21	WLAN5.3G	802.11ac VHT160	Bottom Side	50	0.909	0.894	1.02
R22	WLAN5.6G	802.11ac VHT160	Bottom Side	114	0.907	0.897	1.01
R23	WLAN5.8G	802.11ac VHT80	Bottom Side	155	0.873	0.861	1.01

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 + BT_Ant 0	Yes
B	WLAN 2.4G_Ant 1 + BT_Ant 0	Yes
C	WLAN 2.4G_Ant 0+1 + BT_Ant 0	Yes
D	WLAN 5G_Ant 0 + BT_Ant 0	Yes
E	WLAN 5G_Ant 1 + BT_Ant 0	Yes
F	WLAN 5G_Ant 0+1 + BT_Ant 0	Yes
G	WLAN 2.4G_Ant 0 + BT_Ant 1	Yes
H	WLAN 2.4G_Ant 1 + BT_Ant 1	Yes
I	WLAN 2.4G_Ant 0+1 + BT_Ant 1	Yes
J	WLAN 5G_Ant 0 + BT_Ant 1	Yes
K	WLAN 5G_Ant 1 + BT_Ant 1	Yes
L	WLAN 5G_Ant 0+1 + BT_Ant 1	Yes

Notes

1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.



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Simultaneous Transmission SAR Evaluation (Body)																				
Position	2a	2b	2c	3a	3b	3c	4	5	A (2a+4)	B (2b+4)	C (2c+4)	D (3a+4)	E (3b+4)	F (3c+4)	G (2a+5)	H (2b+5)	I (2c+5)	J (3a+5)	K (3b+5)	L (3c+5)
	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	Max WLAN 5GHz Ant 0	Max WLAN 5GHz Ant 1	Max WLAN 5GHz Ant 0+1	Max BT Ant 0	Max BT Ant 1	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg												
Rear Face	0.31	0.18	0.26	0.15	0.20	0.20	0.00	0.00	0.31	0.18	0.26	0.15	0.20	0.20	0.31	0.18	0.26	0.15	0.20	0.20
Left Side	0.00	0.25	0.22	0.12	0.18	0.15	0.00	0.00	0.00	0.25	0.22	0.12	0.18	0.15	0.00	0.25	0.22	0.12	0.18	0.15
Right Side	0.14	0.00	0.13	0.10	0.00	0.18	0.00	0.00	0.14	0.00	0.13	0.10	0.00	0.18	0.14	0.00	0.13	0.10	0.00	0.18
Top Side	0.10	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.09	0.00	0.00	0.00	0.10	0.00	0.09	0.00	0.00	0.00
Bottom Side	0.47	0.96	0.97	0.51	0.99	0.99	0.09	0.10	0.56	1.05	1.06	0.60	1.08	1.08	0.57	1.06	1.07	0.61	1.09	1.09

Appendix J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	CLA13	1018	Mar. 12, 2025	1 Year
System Validation Dipole	SPEAG	D2450V2	737	Feb. 12, 2025	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Feb. 11, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7696	Sep. 11, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7736	Feb. 17, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7797	Nov. 20, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1762	Nov. 14, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1589	Apr. 17, 2025	1 Year
Analog Signal Generator	R&S	SMA100B	104417	Oct. 20, 2024	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	Jun. 11, 2025	1 Year
Power Meter	Anritsu	ML2495A	1218009	Nov. 22, 2024	1 Year
Power Sensor	Anritsu	MA2411B	1207252	Nov. 22, 2024	1 Year
Thermometer	YFE	YF-160A	120702365	Sep. 10, 2025	1 Year
Thermometer	YFE	YF-160A	130504579	Sep. 24, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1092	May 19, 2025	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	May 19, 2025	1 Year
Dielectric Assessment Kit	SPEAG	DAK-12	1164	Mar. 13, 2025	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	1052	Jul. 08, 2025	1 Year

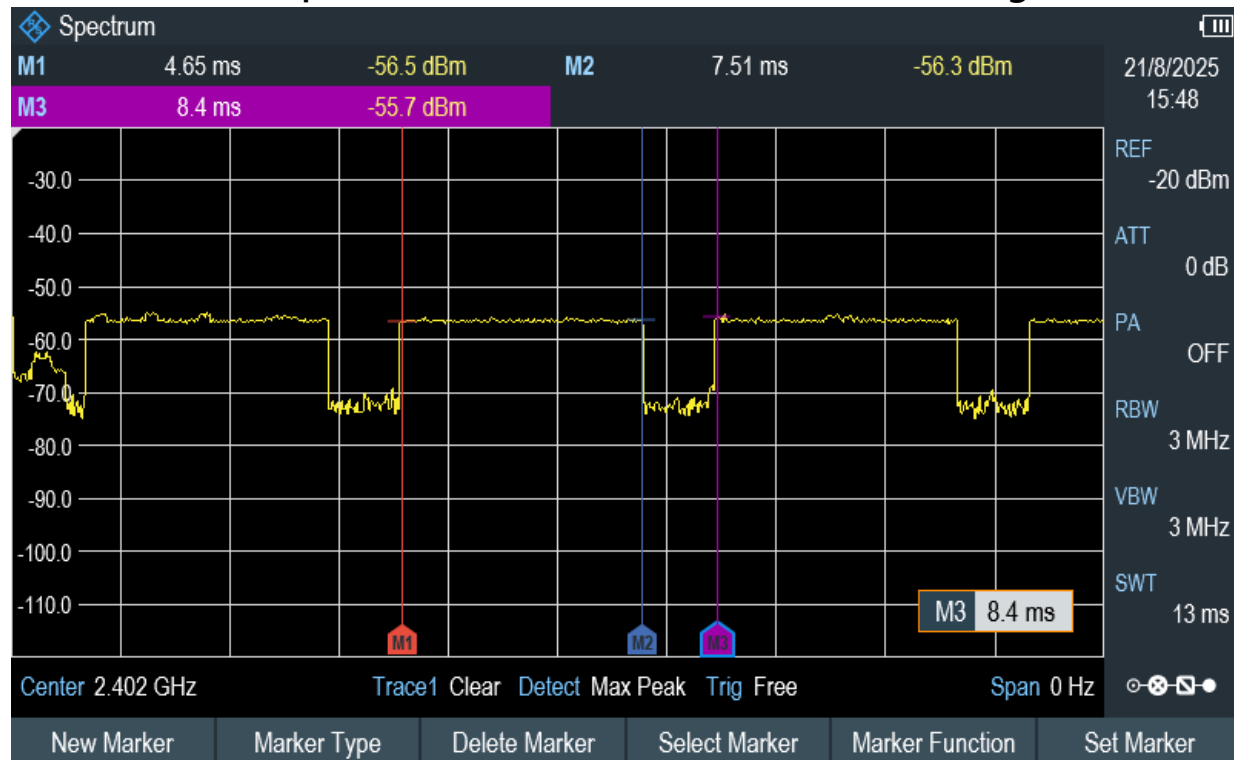
Appendix K. Considerations Related to Bluetooth for Setup and Testing

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

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

The duty factor of Bluetooth signal are shown as below.

<Time-domain plot for Bluetooth Ant 1 transmission signal>

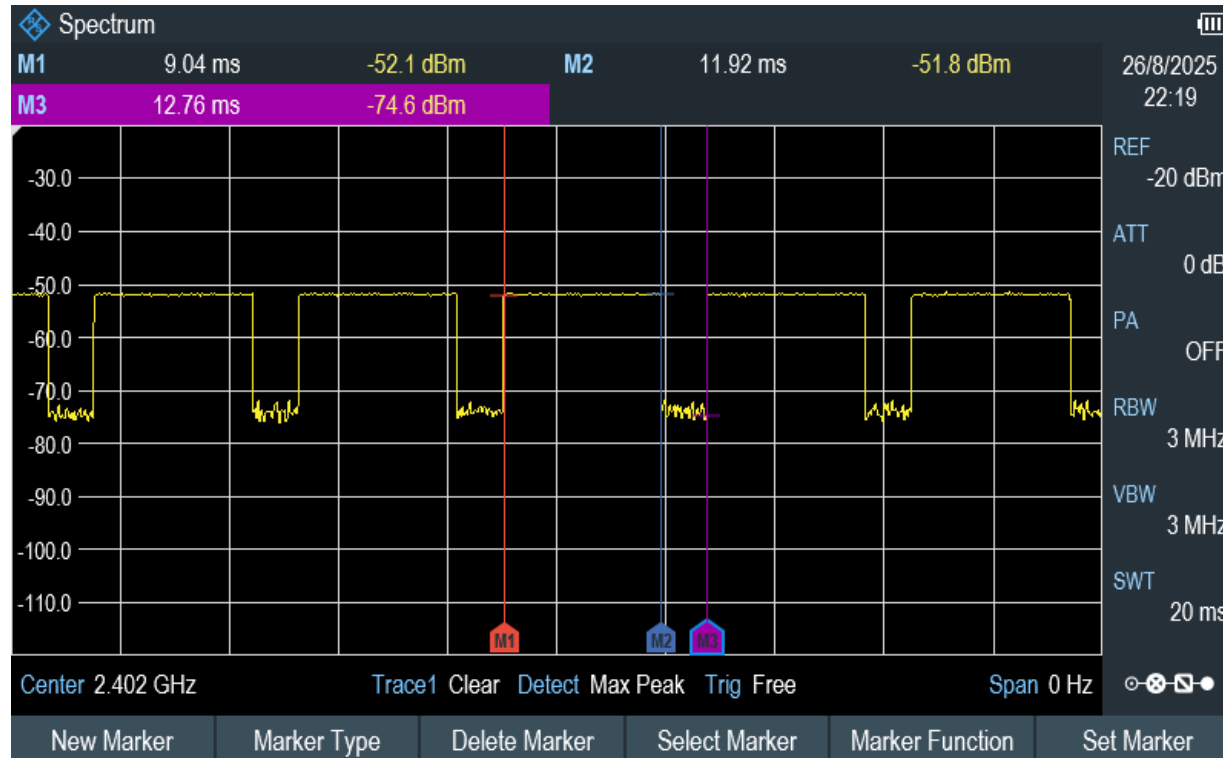


Time-domain plot for Bluetooth Ant 1 transmission signal

The duty factor of Bluetooth signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (7.51 - 4.65) / (8.4 - 4.65) = 76.27\%$$

<Time-domain plot for Bluetooth Ant 0 transmission signal>



Time-domain plot for Bluetooth Ant 0 transmission signal

The duty factor of Bluetooth signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (11.92 - 9.04) / (12.76 - 9.04) = 77.42\%$$