

Plots of System Verification

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report
S01 System Check_H2450_250626
Device under Test Properties

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

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--	2450.0, 0	7.09	1.78	37.9

Hardware Setup

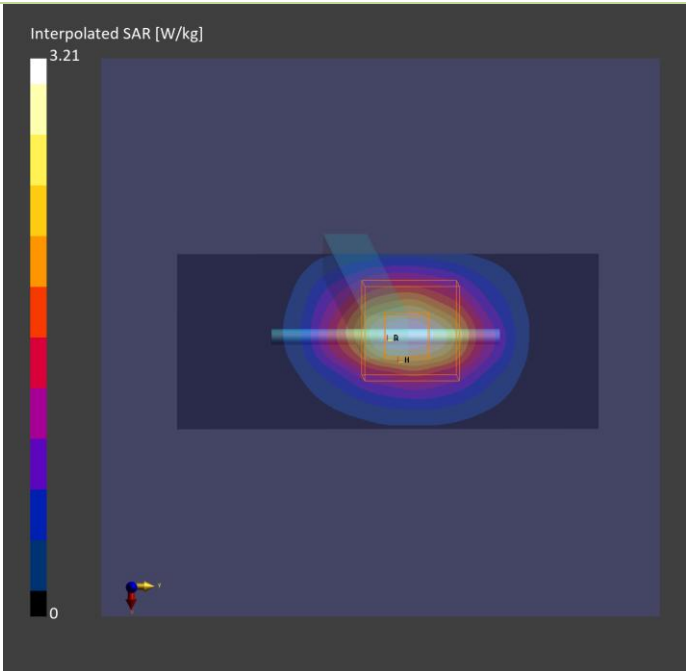
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2025-06-26	EX3DV4 - SN3650, 2025-01-23	DAE4 Sn1757, 2024-08-16

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	2025-06-26	2025-06-26
psSAR1g [W/kg]	2.49	2.50
psSAR10g [W/kg]	1.17	1.20
Power Drift [dB]	-0.01	-0.01



Plots of System Verification

Measurement Report
S02 System Check_H5250_250626

Device under Test Properties

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

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	5.5	4.57	36.4

Hardware Setup

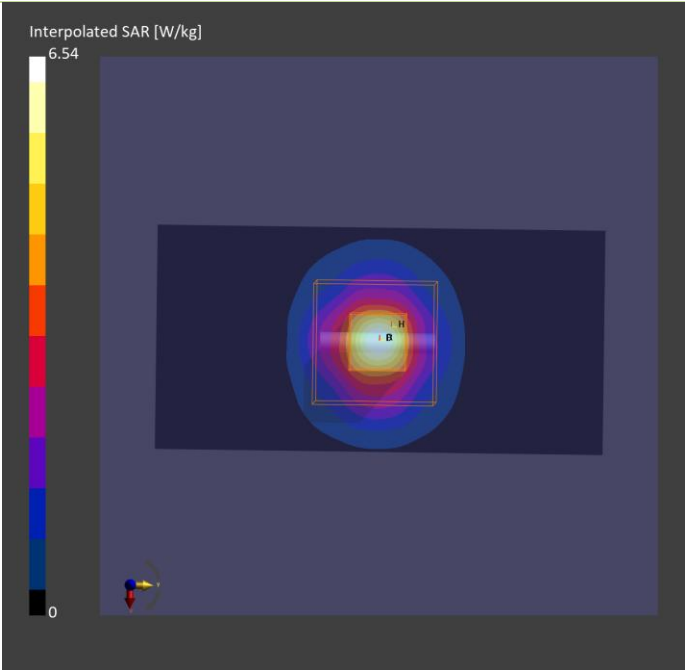
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H50T60N6 , 2025-06-26	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

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	2025-06-26	2025-06-26
psSAR1g [W/kg]	4.04	4.06
psSAR10g [W/kg]	1.18	1.21
Power Drift [dB]	-0.00	0.03



Plots of System Verification

Measurement Report

S03 System Check_H5600_250730

Device under Test Properties

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

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

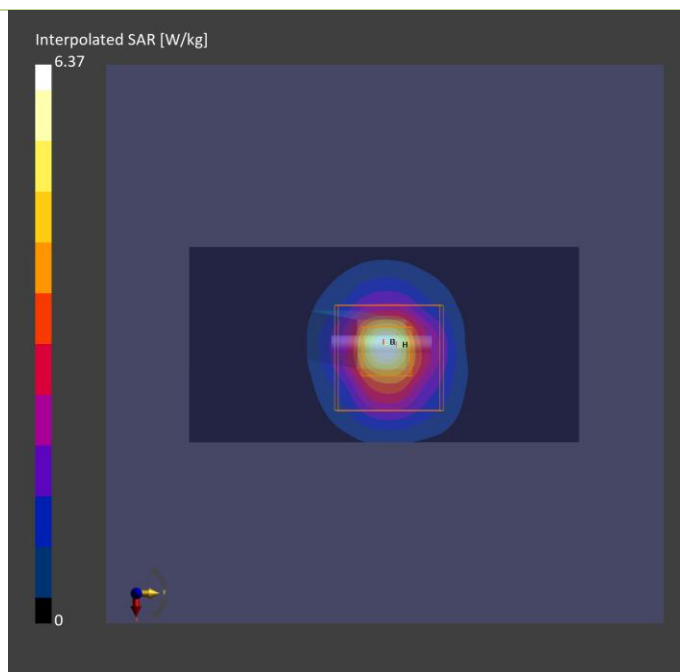
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-07-30	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

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	2025-07-30	2025-07-30
psSAR1g [W/kg]	4.03	4.32
psSAR10g [W/kg]	1.18	1.24
Power Drift [dB]	-0.02	-0.01



Plots of System Verification

Measurement Report S04 System Check_H5800_250609

Device under Test Properties

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

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	5.45	5.29	36.6

Hardware Setup

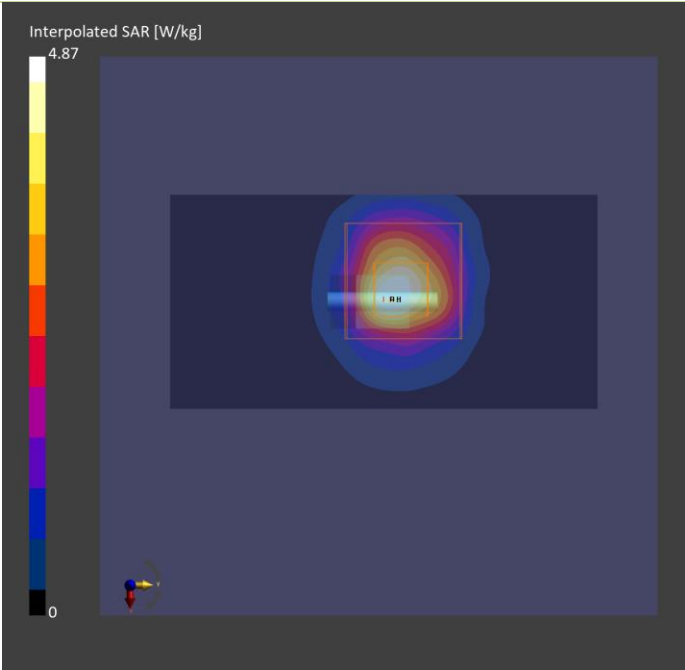
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H50T60N4 , 2025-06-09	EX3DV4 - SN3650, 2025-01-23	DAE4 Sn1757, 2024-08-16

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	2025-06-09	2025-06-09
psSAR1g [W/kg]	3.44	3.91
psSAR10g [W/kg]	1.06	1.12
Power Drift [dB]	-0.01	0.02



Plots of System Verification

Measurement Report
S05 SystemCheck_H2450_250606

Device under Test Properties

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

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--	2450.0, 0	7.09	1.82	39.7

Hardware Setup

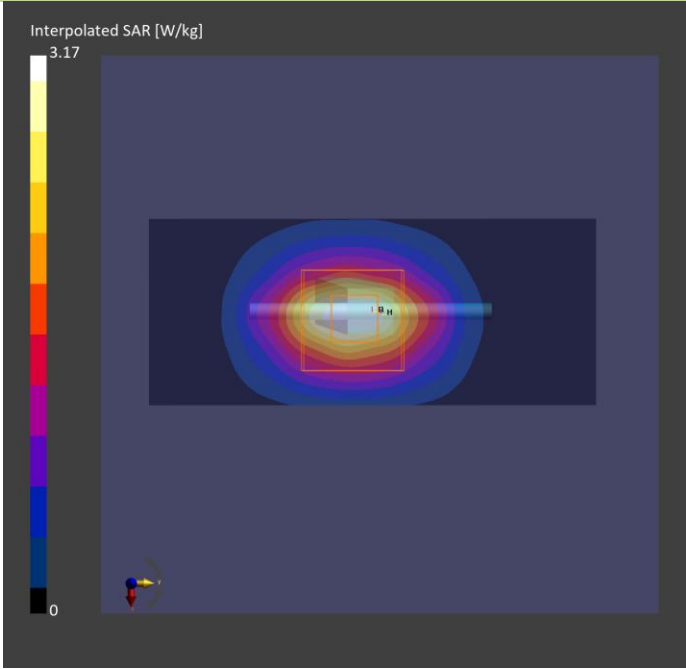
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2025-06-06	EX3DV4 - SN3650, 2025-01-23	DAE4 Sn1757, 2024-08-16

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	2025-06-06	2025-06-06
psSAR1g [W/kg]	2.44	2.53
psSAR10g [W/kg]	1.15	1.23
Power Drift [dB]	-0.03	0.01



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_Right Side_0mm_Ch6_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25050228,	350.0 x 647.0 x 35.0		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,	Right Side, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2437.000, 6	7.09	1.78	38.0

Hardware Setup

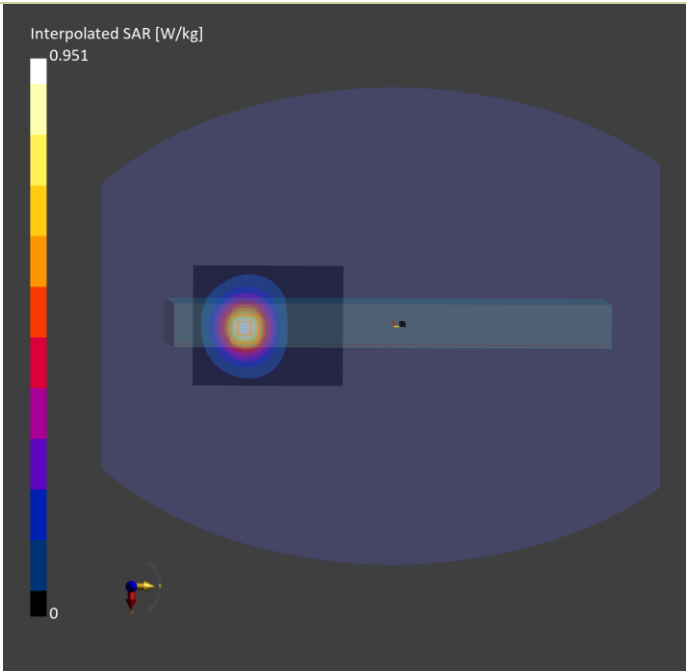
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2025-06-26	EX3DV4 - SN3650, 2025-01-23	DAE4 Sn1757, 2024-08-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 120.0	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	2025-06-26	2025-06-26
psSAR1g [W/kg]	0.774	0.813
psSAR10g [W/kg]	0.416	0.437
Power Drift [dB]	0.03	-0.03
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		15.6



Plots of Measurement

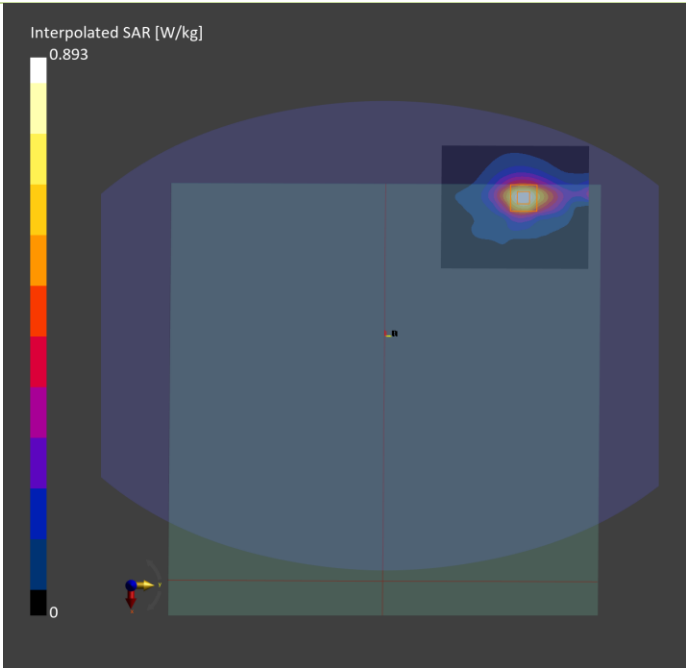
Measurement Report
P02 WLAN5.3G_802.11a_Rear Face_0mm_Ch52_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25050228,	350.0 x 647.0 x 35.0		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, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5260.000, 52	5.5	4.59	36.4

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H50T60N6 , 2025-06-26	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	24.0 x 24.0 x 22.0	Date	2025-06-26	2025-06-26
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]	0.669	0.719
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.270	0.295
			Power Drift [dB]	0.18	0.09
			M2/M1 [%]		65.3
			Dist 3dB Peak [mm]		12.3



Plots of Measurement

Measurement Report

P03 WLAN5.6G_802.11a_Rear Face_0mm_Ch120_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25050228,	350.0 x 647.0 x 35.0		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,	BACK, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5600.000, 120	4.83	4.89	35.0

Hardware Setup

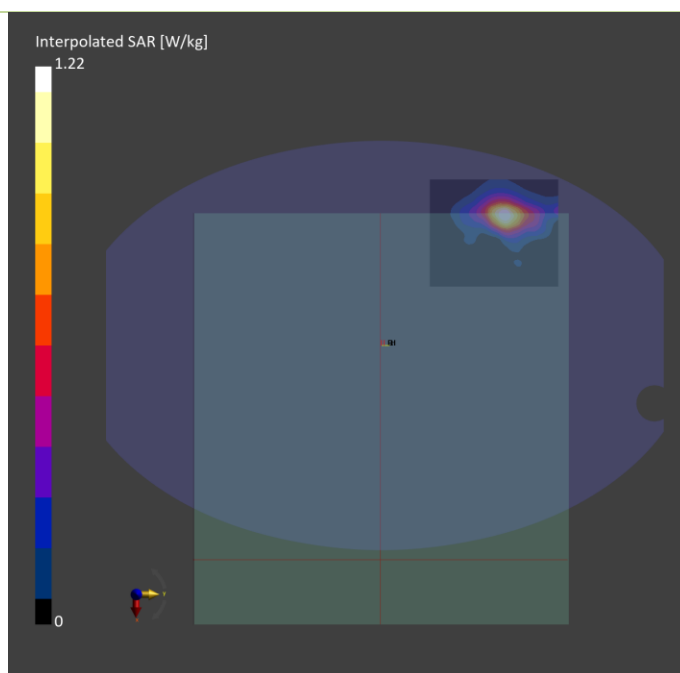
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-07-30	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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	2025-07-30	2025-07-30
psSAR1g [W/kg]	0.865	0.911
psSAR10g [W/kg]	0.341	0.339
Power Drift [dB]	-0.01	-0.11
M2/M1 [%]		61.2
Dist 3dB Peak [mm]		12.7



Plots of Measurement

Measurement Report

P04 WLAN5.8G_802.11a_Rear Face_0mm_Ch157_Ant 1

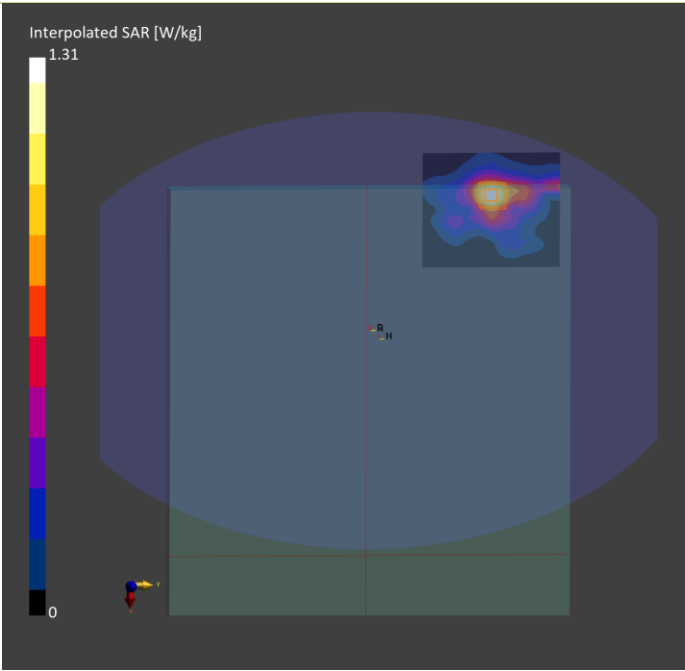
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25050228,	350.0 x 647.0 x 35.0		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, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5785.000, 157	5.45	5.27	36.7

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H50T60N4 , 2025-06-09	EX3DV4 - SN3650, 2025-01-23	DAE4 Sn1757, 2024-08-16

Scan Setup		Measurement Results			
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	24.0 x 24.0 x 22.0	Date	2025-06-09	2025-06-09
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]	1.00	1.07
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.406	0.431
			Power Drift [dB]	0.02	0.04
			M2/M1 [%]		60.5
			Dist 3dB Peak [mm]		14.2



Plots of Measurement

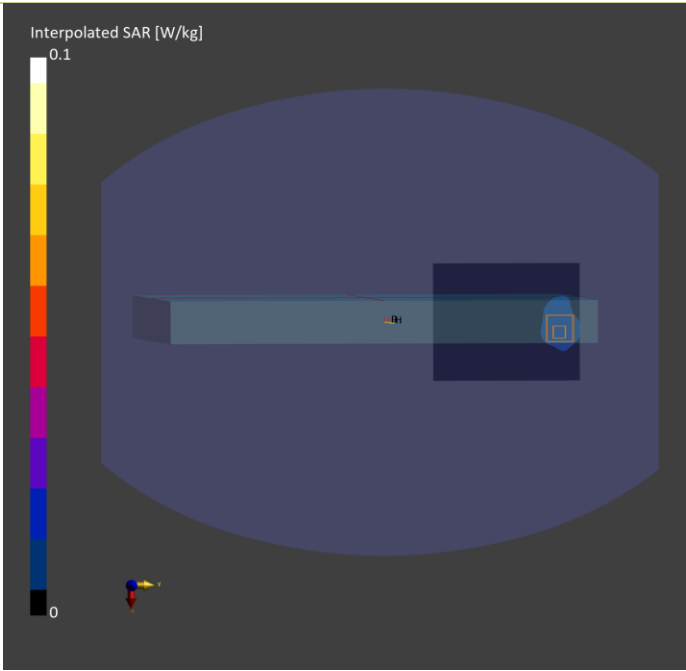
Measurement Report P05_BT_BDR_Left Side_0mm_Ch78_Ant 1 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25050228,	350.0 x 647.0 x 35.0		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,	Left Side, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.000, 78	7.09	1.84	39.7

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2025-06-06	EX3DV4 - SN3650, 2025-01-23	DAE4 Sn1757, 2024-08-16

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 120.0	30.0 x 30.0 x 30.0	Date	2025-06-06	2025-06-06
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.011	0.013
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.006	0.007
			Power Drift [dB]	0.12	-0.14
			M2/M1 [%]		67.1
			Dist 3dB Peak [mm]		13.7



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.



BUREAU
VERITAS

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	22.1	1.78	37.9	1.8	39.2	-1.11	-3.32	Pass	Pass	Pass	OFDM	N/A	Pass	Jun. 26, 2025	2450	52.90	2.5	49.88	-5.71	737	3650	1757	17
S02	5250	22.4	4.57	36.4	4.71	35.9	-2.97	1.39	Pass	Pass	Pass	OFDM	N/A	Pass	Jun. 26, 2025	5250	78.30	4.06	81.01	3.46	1019	7554	1761	17
S03	5600	22.2	4.89	35.0	5.07	35.5	-3.55	-1.41	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 30, 2025	5600	80.80	4.32	86.20	6.68	1019	7736	1589	17
S04	5800	22.3	5.29	36.6	5.27	35.3	0.38	3.68	Pass	Pass	Pass	OFDM	N/A	Pass	Jun. 09, 2025	5800	78.80	3.91	78.01	-1.00	1019	3650	1757	17
S05	2450	22.1	1.82	39.7	1.8	39.2	1.11	1.28	Pass	Pass	Pass	GFSK	N/A	Pass	Jun. 06, 2025	2450	52.90	2.53	50.48	-4.57	737	3650	1757	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	20.0	20.0	20.0	20.0	23.0
	6	2437	21.5	21.5	21.5	21.5	24.5
	11	2462	21.0	21.0	21.0	21.0	24.0
802.11g	1	2412	17.0	17.0	17.0	17.0	20.0
	6	2437	20.0	20.0	20.0	20.0	23.0
	11	2462	17.5	17.5	17.5	17.5	20.5
802.11n HT20	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	19.0	19.0	19.0	19.0	22.0
	11	2462	18.0	18.0	18.0	18.0	21.0
802.11n HT40	3	2422	16.0	16.0	16.0	16.0	19.0
	6	2437	17.5	17.5	17.5	17.5	20.5
	9	2452	14.5	14.5	14.5	14.5	17.5
802.11ac VHT20	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	19.0	19.0	19.0	19.0	22.0
	11	2462	18.0	18.0	18.0	18.0	21.0
802.11ac VHT40	3	2422	16.0	16.0	16.0	16.0	19.0
	6	2437	17.5	17.5	17.5	17.5	20.5
	9	2452	14.5	14.5	14.5	14.5	17.5
802.11ax HE20	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	19.0	19.0	19.0	19.0	22.0
	11	2462	18.0	18.0	18.0	18.0	21.0
802.11ax HE40	3	2422	16.0	16.0	16.0	16.0	19.0
	6	2437	17.5	17.5	17.5	17.5	20.5
	9	2452	14.5	14.5	14.5	14.5	17.5

Tune-up Power (Full)					
Bluetooth					
Mode	Channel	Frequency		Ant 1 Max Tune-up	
BR / EDR	0	2402		6.5	
	39	2441		6.5	
	78	2480		6.5	
LE	0	2402		6.5	
	19	2440		6.5	
	39	2480		6.5	

Tune-up Power (Full)							
WLAN 5.2GHz FCC							
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	17.5	17.5	17.5	17.5	20.5
	40	5200	21.0	21.1	21.0	21.0	24.0
	44	5220	21.0	21.1	21.0	21.0	24.0
	48	5240	21.0	21.1	21.0	21.0	24.0
802.11n HT20	36	5180	16.5	16.5	16.5	16.5	19.5
	40	5200	18.5	18.5	18.5	18.5	21.5
	44	5220	20.0	20.0	20.0	20.0	23.0
	48	5240	20.0	20.0	20.0	20.0	23.0
802.11n HT40	38	5190	18.0	18.0	18.0	18.0	21.0
	46	5230	20.0	20.0	20.0	20.0	23.0
802.11ac VHT20	36	5180	16.5	16.5	16.5	16.5	19.5
	40	5200	18.5	18.5	18.5	18.5	21.5
	44	5220	20.0	20.0	20.0	20.0	23.0
	48	5240	20.0	20.0	20.0	20.0	23.0
802.11ac VHT40	38	5190	18.0	18.0	18.0	18.0	21.0
	46	5230	20.0	20.0	20.0	20.0	23.0
802.11ac VHT80	42	5210	17.0	17.1	17.0	17.0	20.0
802.11ax HE20	36	5180	16.5	16.5	16.5	16.5	19.5
	40	5200	18.5	18.6	18.5	18.5	21.5
	44	5220	20.0	20.0	20.0	20.0	23.0
	48	5240	20.0	20.0	20.0	20.0	23.0
802.11ax HE40	38	5190	18.0	18.0	18.0	18.0	21.0
	46	5230	20.0	20.0	20.0	20.0	23.0
802.11ax HE80	42	5210	17.0	17.1	17.0	17.0	20.0

Tune-up Power (Full)							
WLAN 5.3GHz_FCC							
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	21.0	21.1	21.0	21.0	24.0
	56	5280	21.0	21.1	21.0	21.0	24.0
	60	5300	21.0	21.0	21.0	21.0	24.0
	64	5320	20.0	20.1	20.0	20.0	23.0
802.11n HT20	52	5260	20.5	20.5	20.5	20.5	23.5
	56	5280	20.5	20.5	20.5	20.5	23.5
	60	5300	19.5	19.5	19.5	19.5	22.5
	64	5320	19.0	19.0	19.0	19.0	22.0
802.11n HT40	54	5270	20.0	20.0	20.0	20.0	23.0
	62	5310	18.5	18.5	18.5	18.5	21.5
802.11ac VHT20	52	5260	20.5	20.5	20.5	20.5	23.5
	56	5280	20.5	20.5	20.5	20.5	23.5
	60	5300	19.5	19.5	19.5	19.5	22.5
	64	5320	19.0	19.0	19.0	19.0	22.0
802.11ac VHT40	54	5270	20.0	20.0	20.0	20.0	23.0
	62	5310	18.5	18.5	18.5	18.5	21.5
802.11ac VHT80	58	5290	17.0	17.0	17.0	17.0	20.0
802.11ax HE20	52	5260	20.5	20.5	20.5	20.5	23.5
	56	5280	20.5	20.5	20.5	20.5	23.5
	60	5300	19.5	19.5	19.5	19.5	22.5
	64	5320	19.0	19.0	19.0	19.0	22.0
802.11ax HE40	54	5270	20.0	20.0	20.0	20.0	23.0
	62	5310	18.5	18.5	18.5	18.5	21.5
802.11ax HE80	58	5290	17.0	17.0	17.0	17.0	20.0

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	20.0	20.2	20.0	20.0	23.0
	116	5580	21.0	21.0	21.0	21.0	24.0
	120	5600	21.0	21.0	21.0	21.0	24.0
	124	5620	21.0	21.0	21.0	21.0	24.0
	132	5660	21.0	21.0	21.0	21.0	24.0
	140	5700	18.5	18.6	18.5	18.5	21.5
802.11n HT20	100	5500	19.0	19.0	19.0	19.0	22.0
	116	5580	20.5	20.5	20.5	20.5	23.5
	120	5600	21.0	21.0	21.0	21.0	24.0
	124	5620	21.0	21.0	21.0	21.0	24.0
	132	5660	21.0	21.0	21.0	21.0	24.0
	140	5700	18.0	18.1	18.0	18.0	21.0
802.11n HT40	102	5510	16.5	16.5	16.5	16.5	19.5
	110	5550	20.0	20.0	20.0	20.0	23.0
	118	5590	20.0	20.0	20.0	20.0	23.0
	126	5630	20.0	20.0	20.0	20.0	23.0
	134	5670	18.5	18.5	18.5	18.5	21.5
	140	5700	18.0	18.2	18.0	18.0	21.0
802.11ac VHT20	100	5500	19.0	19.0	19.0	19.0	22.0
	116	5580	20.5	20.5	20.5	20.5	23.5
	120	5600	21.0	21.0	21.0	21.0	24.0
	124	5620	21.0	21.0	21.0	21.0	24.0
	132	5660	21.0	21.0	21.0	21.0	24.0
	140	5700	18.0	18.2	18.0	18.0	21.0
802.11ac VHT40	102	5510	16.5	16.5	16.5	16.5	19.5
	110	5550	20.0	20.0	20.0	20.0	23.0
	118	5590	20.0	20.0	20.0	20.0	23.0
	126	5630	20.0	20.0	20.0	20.0	23.0
	134	5670	18.5	18.5	18.5	18.5	21.5
	140	5700	18.0	18.2	18.0	18.0	21.0
802.11ac VHT80	106	5530	16.0	16.1	16.0	16.0	19.0
	122	5610	20.0	20.2	20.0	20.0	23.0
	138	5690	20.0	20.0	20.0	20.0	23.0
802.11ax HE20	100	5500	19.0	19.0	19.0	19.0	22.0
	116	5580	20.5	20.5	20.5	20.5	23.5
	120	5600	21.0	21.0	21.0	21.0	24.0
	124	5620	21.0	21.0	21.0	21.0	24.0
	132	5660	21.0	21.0	21.0	21.0	24.0
	140	5700	18.0	18.2	18.0	18.0	21.0
802.11ax HE40	102	5510	16.5	16.6	16.5	16.5	19.5
	110	5550	20.0	20.0	20.0	20.0	23.0
	118	5590	20.0	20.0	20.0	20.0	23.0
	126	5630	20.0	20.0	20.0	20.0	23.0
	134	5670	18.5	18.5	18.5	18.5	21.5
802.11ax HE80	106	5530	16.0	16.1	16.0	16.0	19.0
	122	5610	20.0	20.0	20.0	20.0	23.0
	138	5690	20.0	20.0	20.0	20.0	23.0

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	21.0	21.0	21.0	21.0	24.0
	153	5765	21.0	21.0	21.0	21.0	24.0
	157	5785	21.0	21.0	21.0	21.0	24.0
	161	5805	21.0	21.0	21.0	21.0	24.0
	165	5825	21.0	21.0	21.0	21.0	24.0
802.11n HT20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	20.0	20.0	20.0	20.0	23.0
	161	5805	20.0	20.0	20.0	20.0	23.0
	165	5825	20.0	20.0	20.0	20.0	23.0
802.11n HT40	151	5755	20.0	20.0	20.0	20.0	23.0
	159	5795	20.0	20.0	20.0	20.0	23.0
802.11ac VHT20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	20.0	20.0	20.0	20.0	23.0
	161	5805	20.0	20.0	20.0	20.0	23.0
	165	5825	20.0	20.0	20.0	20.0	23.0
802.11ac VHT40	151	5755	20.0	20.0	20.0	20.0	23.0
	159	5795	20.0	20.0	20.0	20.0	23.0
802.11ac VHT80	155	5775	18.5	18.8	18.5	18.5	21.5
802.11ax HE20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	20.0	20.0	20.0	20.0	23.0
	161	5805	20.0	20.0	20.0	20.0	23.0
	165	5825	20.0	20.0	20.0	20.0	23.0
802.11ax HE40	151	5755	20.0	20.0	20.0	20.0	23.0
	159	5795	20.0	20.0	20.0	20.0	23.0
802.11ax HE80	155	5775	18.5	18.8	18.5	18.5	21.5

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	19.87
	6	2437	20.48
	11	2462	20.45
802.11g	1	2412	16.44
	6	2437	18.96
	11	2462	17.39
802.11n HT20	1	2412	17.47
	6	2437	18.44
	11	2462	17.35
802.11n HT40	3	2422	15.73
	6	2437	17.26
	9	2452	13.91
802.11ac VHT20	1	2412	17.49
	6	2437	18.44
	11	2462	17.34
802.11ac VHT40	3	2422	15.74
	6	2437	17.24
	9	2452	14.12
802.11ax HE20	1	2412	17.53
	6	2437	18.51
	11	2462	17.41
802.11ax HE40	3	2422	15.81
	6	2437	17.29
	9	2452	14.07

Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	19.88
	6	2437	21.35
	11	2462	20.88
802.11g	1	2412	16.57
	6	2437	19.04
	11	2462	17.41
802.11n HT20	1	2412	17.48
	6	2437	18.75
	11	2462	17.33
802.11n HT40	3	2422	15.79
	6	2437	17.25
	9	2452	14.09
802.11ac VHT20	1	2412	17.52
	6	2437	17.82
	11	2462	17.39
802.11ac VHT40	3	2422	15.82
	6	2437	17.27
	9	2452	14.08
802.11ax HE20	1	2412	17.54
	6	2437	18.84
	11	2462	17.43
802.11ax HE40	3	2422	15.84
	6	2437	17.32
	9	2452	14.12

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	19.95	19.97	22.97
	6	2437	20.56	21.89	24.29
	11	2462	20.53	20.97	23.77
802.11g	1	2412	16.52	16.66	19.60
	6	2437	19.04	19.13	22.10
	11	2462	17.47	17.49	20.49
802.11n HT20	1	2412	17.52	17.51	20.53
	6	2437	18.49	18.8	21.66
	11	2462	17.38	17.37	20.39
802.11n HT40	3	2422	15.77	15.82	18.81
	6	2437	17.28	17.3	20.30
	9	2452	13.98	14.11	17.06
802.11ac VHT20	1	2412	17.58	17.59	20.60
	6	2437	18.52	18.89	21.72
	11	2462	17.42	17.48	20.46
802.11ac VHT40	3	2422	15.82	15.91	18.88
	6	2437	17.32	17.36	20.35
	9	2452	14.08	14.17	17.14
802.11ax HE20	1	2412	17.61	17.63	20.63
	6	2437	18.59	18.93	21.77
	11	2462	17.49	17.52	20.52
802.11ax HE40	3	2422	15.89	15.93	18.92
	6	2437	17.37	17.39	20.39
	9	2452	14.15	14.21	17.19

Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	6.31
	39	2441	6.24
	78	2480	6.16
LE	0	2402	6.23
	19	2440	6.13
	39	2480	6.05

Conducted Power (Full)			
WLAN 5.2GHz Ant 0_FCC			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	17.02
	40	5200	20.7
	44	5220	20.63
	48	5240	20.72
802.11n HT20	36	5180	15.73
	40	5200	18.06
	44	5220	18.33
	48	5240	18.37
802.11n HT40	38	5190	17.26
	46	5230	19.58
802.11ac VHT20	36	5180	15.89
	40	5200	18.22
	44	5220	18.31
	48	5240	18.39
802.11ac VHT40	38	5190	17.47
	46	5230	19.74
802.11ac VHT80	42	5210	16.72
802.11ax HE20	36	5180	15.93
	40	5200	18.23
	44	5220	18.39
	48	5240	18.43
802.11ax HE40	38	5190	17.49
	46	5230	19.77
802.11ax HE80	42	5210	16.75

Conducted Power (Full)			
WLAN 5.2GHz Ant 1_FCC			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	17.38
	40	5200	20.94
	44	5220	20.89
	48	5240	20.97
802.11n HT20	36	5180	16.23
	40	5200	18.33
	44	5220	18.54
	48	5240	18.98
802.11n HT40	38	5190	17.43
	46	5230	19.77
802.11ac VHT20	36	5180	16.26
	40	5200	18.37
	44	5220	18.71
	48	5240	19.03
802.11ac VHT40	38	5190	17.46
	46	5230	19.81
802.11ac VHT80	42	5210	16.92
802.11ax HE20	36	5180	16.29
	40	5200	18.39
	44	5220	19.26
	48	5240	19.29
802.11ax HE40	38	5190	17.49
	46	5230	19.83
802.11ax HE80	42	5210	16.96

Conducted Power (Full)					
WLAN 5.2GHz Ant 0+1_FCC					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	36	5180	17.03	17.16	20.11
	40	5200	20.71	21.06	23.9
	44	5220	20.64	21.01	23.84
	48	5240	20.73	21.09	23.92
802.11n HT20	36	5180	15.77	16.27	19.04
	40	5200	18.09	18.36	21.24
	44	5220	18.35	18.56	21.47
	48	5240	18.41	19.01	21.73
802.11n HT40	38	5190	17.33	17.46	20.41
	46	5230	19.62	19.79	22.72
802.11ac VHT20	36	5180	15.91	16.38	19.16
	40	5200	18.21	18.49	21.36
	44	5220	18.35	18.73	21.55
	48	5240	18.44	19.1	21.79
802.11ac VHT40	38	5190	17.48	17.58	20.54
	46	5230	19.75	19.93	22.85
802.11ac VHT80	42	5210	16.73	17.04	19.9
802.11ax HE20	36	5180	15.94	16.41	19.19
	40	5200	18.24	18.51	21.39
	44	5220	18.45	19.28	21.9
	48	5240	18.47	19.31	21.92
802.11ax HE40	38	5190	17.5	17.61	20.57
	46	5230	19.78	19.95	22.88
802.11ax HE80	42	5210	16.76	17.08	19.93

Conducted Power (Full)			
WLAN 5.3GHz Ant 0_FCC			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	20.64
	56	5280	20.59
	60	5300	20.62
	64	5320	19.61
802.11n HT20	52	5260	18.77
	56	5280	18.73
	60	5300	18.58
	64	5320	18.28
802.11n HT40	54	5270	19.33
	62	5310	17.54
802.11ac VHT20	52	5260	19.84
	56	5280	18.79
	60	5300	19.11
	64	5320	18.39
802.11ac VHT40	54	5270	19.51
	62	5310	17.65
802.11ac VHT80	58	5290	16.58
802.11ax HE20	52	5260	18.87
	56	5280	18.89
	60	5300	18.85
	64	5320	18.63
802.11ax HE40	54	5270	19.54
	62	5310	17.69
802.11ax HE80	58	5290	16.59

Conducted Power (Full)			
WLAN 5.3GHz Ant 1_FCC			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	20.97
	56	5280	20.93
	60	5300	20.88
	64	5320	19.87
802.11n HT20	52	5260	19.01
	56	5280	18.85
	60	5300	18.86
	64	5320	18.61
802.11n HT40	54	5270	19.68
	62	5310	18.21
802.11ac VHT20	52	5260	19.06
	56	5280	19.01
	60	5300	18.98
	64	5320	18.75
802.11ac VHT40	54	5270	19.72
	62	5310	18.25
802.11ac VHT80	58	5290	16.82
802.11ax HE20	52	5260	19.24
	56	5280	19.15
	60	5300	19.08
	64	5320	18.77
802.11ax HE40	54	5270	19.75
	62	5310	18.29
802.11ax HE80	58	5290	16.85

Conducted Power (Full)					
WLAN 5.3GHz Ant 0+1_FCC					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260	20.67	21.03	23.86
	56	5280	20.62	20.98	23.81
	60	5300	20.65	21	23.84
	64	5320	19.63	20.08	22.87
802.11n HT20	52	5260	18.81	19.03	21.93
	56	5280	18.77	18.92	21.86
	60	5300	18.59	18.9	21.76
	64	5320	18.31	18.67	21.5
802.11n HT40	54	5270	19.39	19.72	22.57
	62	5310	17.55	18.23	20.91
802.11ac VHT20	52	5260	18.85	19.12	22
	56	5280	18.79	19.03	21.92
	60	5300	18.62	19.01	21.83
	64	5320	18.43	18.8	21.63
802.11ac VHT40	54	5270	19.54	19.84	22.7
	62	5310	17.68	18.37	21.05
802.11ac VHT80	58	5290	16.61	16.94	19.79
802.11ax HE20	52	5260	18.91	19.25	22.09
	56	5280	18.89	19.19	22.05
	60	5300	18.67	19.11	21.91
	64	5320	18.46	18.83	21.66
802.11ax HE40	54	5270	19.57	19.87	22.73
	62	5310	17.72	18.41	21.09
802.11ax HE80	58	5290	16.63	16.97	19.81

Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	19.66
	116	5580	20.34
	120	5600	20.66
	124	5620	20.61
	132	5660	20.56
	140	5700	18
802.11n HT20	100	5500	18.47
	116	5580	18.51
	120	5600	20.58
	124	5620	20.51
	132	5660	20.59
	140	5700	17.55
802.11n HT40	102	5510	15.85
	110	5550	19.12
	118	5590	18.21
	126	5630	18.12
	134	5670	17.58
802.11ac VHT20	100	5500	18.59
	116	5580	18.57
	120	5600	20.61
	124	5620	20.55
	132	5660	20.58
	140	5700	17.69
802.11ac VHT40	102	5510	15.98
	110	5550	19.28
	118	5590	19.23
	126	5630	19.16
	134	5670	17.7
802.11ac VHT80	106	5530	15.67
	122	5610	19.72
	138	5690	19.48
802.11ax HE20	100	5500	18.65
	116	5580	18.69
	120	5600	20.71
	124	5620	20.64
	132	5660	20.62
	140	5700	17.71
802.11ax HE40	102	5510	16.02
	110	5550	19.31
	118	5590	19.23
	126	5630	19.27
	134	5670	17.73
802.11ax HE80	106	5530	15.71
	122	5610	19.76
	138	5690	19.51

Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	19.86
	116	5580	20.79
	120	5600	20.86
	124	5620	20.81
	132	5660	20.77
	140	5700	18.36
802.11n HT20	100	5500	18.58
	116	5580	18.79
	120	5600	20.75
	124	5620	20.61
	132	5660	20.69
	140	5700	17.98
802.11n HT40	102	5510	16.35
	110	5550	19.68
	118	5590	18.35
	126	5630	18.33
	134	5670	18.28
802.11ac VHT20	100	5500	18.71
	116	5580	18.88
	120	5600	20.79
	124	5620	20.65
	132	5660	20.66
	140	5700	17.98
802.11ac VHT40	102	5510	16.43
	110	5550	19.81
	118	5590	19.73
	126	5630	19.67
	134	5670	18.41
802.11ac VHT80	106	5530	15.93
	122	5610	19.76
	138	5690	19.78
802.11ax HE20	100	5500	18.75
	116	5580	20.34
	120	5600	20.89
	124	5620	20.73
	132	5660	20.77
	140	5700	17.98
802.11ax HE40	102	5510	16.37
	110	5550	19.84
	118	5590	19.81
	126	5630	19.76
	134	5670	18.44
802.11ax HE80	106	5530	15.84
	122	5610	19.69
	138	5690	19.81

Conducted Power (Full)					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500	19.71	20.14	22.94
	116	5580	20.39	20.85	23.64
	120	5600	20.71	20.92	23.83
	124	5620	20.66	20.87	23.78
	132	5660	20.61	20.83	23.73
	140	5700	18.05	18.51	21.3
802.11n HT20	100	5500	18.49	18.63	21.57
	116	5580	18.49	18.8	21.66
	120	5600	20.61	20.79	23.71
	124	5620	20.55	20.65	23.61
	132	5660	20.62	20.72	23.68
	140	5700	17.6	18.02	20.83
802.11n HT40	102	5510	15.9	16.36	19.15
	110	5550	19.2	19.74	22.49
	118	5590	18.23	18.39	21.32
	126	5630	18.17	18.36	21.28
	134	5670	17.61	18.34	21
802.11ac VHT20	100	5500	18.62	18.74	21.69
	116	5580	18.6	18.91	21.77
	120	5600	20.65	20.81	23.74
	124	5620	20.58	20.69	23.65
	132	5660	20.63	20.73	23.69
	140	5700	17.72	18.14	20.95
802.11ac VHT40	102	5510	16.03	16.48	19.27
	110	5550	19.33	19.86	22.61
	118	5590	19.28	19.78	22.55
	126	5630	19.21	19.72	22.48
	134	5670	17.75	18.46	21.13
802.11ac VHT80	106	5530	15.72	16.07	18.91
	122	5610	19.77	20.14	22.97
	138	5690	19.53	19.83	22.69
802.11ax HE20	100	5500	18.66	18.77	21.73
	116	5580	18.71	21.03	23.03
	120	5600	20.73	20.91	23.83
	124	5620	20.65	20.77	23.72
	132	5660	20.66	20.81	23.75
	140	5700	17.74	18.16	20.97
802.11ax HE40	102	5510	16.07	16.51	19.31
	110	5550	19.36	19.89	22.64
	118	5590	19.28	19.86	22.59
	126	5630	19.32	19.81	22.58
	134	5670	17.78	18.49	21.16
802.11ax HE80	106	5530	15.76	16.1	18.94
	122	5610	19.81	20.17	23
	138	5690	19.56	19.86	22.72

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	20.38
	153	5765	20.34
	157	5785	20.42
	161	5805	20.28
	165	5825	20.31
802.11n HT20	149	5745	19.71
	153	5765	19.63
	157	5785	19.58
	161	5805	19.51
	165	5825	19.68
802.11n HT40	151	5755	19.43
	159	5795	19.35
802.11ac VHT20	149	5745	19.83
	153	5765	19.96
	157	5785	19.76
	161	5805	19.53
	165	5825	19.81
802.11ac VHT40	151	5755	19.56
	159	5795	19.51
802.11ac VHT80	155	5775	18.06
802.11ax HE20	149	5745	19.86
	153	5765	19.73
	157	5785	19.73
	161	5805	19.55
	165	5825	19.83
802.11ax HE40	151	5755	19.59
	159	5795	19.55
802.11ax HE80	155	5775	18.09

Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	20.88
	153	5765	20.83
	157	5785	20.95
	161	5805	20.91
	165	5825	20.74
802.11n HT20	149	5745	19.79
	153	5765	19.71
	157	5785	19.75
	161	5805	19.63
	165	5825	19.81
802.11n HT40	151	5755	19.62
	159	5795	19.6
802.11ac VHT20	149	5745	19.91
	153	5765	19.73
	157	5785	19.86
	161	5805	19.19
	165	5825	19.89
802.11ac VHT40	151	5755	19.73
	159	5795	19.72
802.11ac VHT80	155	5775	18.49
802.11ax HE20	149	5745	19.93
	153	5765	19.87
	157	5785	19.88
	161	5805	19.19
	165	5825	19.92
802.11ax HE40	151	5755	19.77
	159	5795	19.73
802.11ax HE80	155	5775	18.49

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	20.41	20.92	23.68
	153	5765	20.39	20.88	23.65
	157	5785	20.46	20.97	23.73
	161	5805	20.31	20.72	23.53
	165	5825	20.34	20.76	23.57
802.11n HT20	149	5745	19.75	19.84	22.81
	153	5765	19.65	19.75	22.71
	157	5785	19.63	19.79	22.72
	161	5805	19.58	19.69	22.65
	165	5825	19.73	19.83	22.79
802.11n HT40	151	5755	19.48	19.65	22.58
	159	5795	19.41	19.63	22.53
802.11ac VHT20	149	5745	19.88	19.95	22.93
	153	5765	20.01	19.78	22.91
	157	5785	19.75	19.91	22.84
	161	5805	19.58	20.21	22.92
	165	5825	19.86	19.94	22.91
802.11ac VHT40	151	5755	19.61	19.78	22.71
	159	5795	19.56	19.75	22.67
802.11ac VHT80	155	5775	18.11	18.72	21.44
802.11ax HE20	149	5745	19.91	19.98	22.96
	153	5765	19.88	18.98	22.46
	157	5785	19.78	19.93	22.87
	161	5805	19.6	20.23	22.94
	165	5825	19.88	19.97	22.94
802.11ax HE40	151	5755	19.64	19.82	22.74
	159	5795	19.6	19.78	22.7
802.11ax HE80	155	5775	18.14	18.75	21.47

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						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	Rear Face	0	6	Ant 0	100.00	1.00	21.50	20.48	1.26	-0.06	0.275	0.35
	WLAN2.4G	802.11b	Left Side	0	6	Ant 0	100.00	1.00	21.50	20.48	1.26	0.11	0.37	0.47
	WLAN2.4G	802.11b	Right Side	0	6	Ant 0	100.00	1.00	21.50	20.48	1.26	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	6	Ant 0	100.00	1.00	21.50	20.48	1.26	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	6	Ant 0	100.00	1.00	21.50	20.48	1.26	0.12	0.12	0.15
	WLAN2.4G	802.11b	Rear Face	0	6	Ant 1	100.00	1.00	21.50	21.35	1.04	-0.11	0.448	0.47
	WLAN2.4G	802.11b	Left Side	0	6	Ant 1	100.00	1.00	21.50	21.35	1.04	0	<0.001	0.00
1	WLAN2.4G	802.11b	Right Side	0	6	Ant 1	100.00	1.00	21.50	21.35	1.04	-0.03	0.813	0.85
	WLAN2.4G	802.11b	Top Side	0	6	Ant 1	100.00	1.00	21.50	21.35	1.04	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	6	Ant 1	100.00	1.00	21.50	21.35	1.04	0	<0.001	0.00
	WLAN2.4G	802.11b	Rear Face	0	6	Ant 0+1	100.00	1.00	24.50	24.29	1.05	-0.12	0.162	0.17
	WLAN2.4G	802.11b	Left Side	0	6	Ant 0+1	100.00	1.00	24.50	24.29	1.05	0.06	0.369	0.39
	WLAN2.4G	802.11b	Right Side	0	6	Ant 0+1	100.00	1.00	24.50	24.29	1.05	0.08	0.753	0.79
	WLAN2.4G	802.11b	Top Side	0	6	Ant 0+1	100.00	1.00	24.50	24.29	1.05	-0.11	0.132	0.14
	WLAN2.4G	802.11b	Bottom Side	0	6	Ant 0+1	100.00	1.00	24.50	24.29	1.05	0.13	0.125	0.13
	WLAN2.4G	802.11b	Right Side	0	1	Ant 1	100.00	1.00	20.00	19.88	1.03	0.01	0.771	0.79
	WLAN2.4G	802.11b	Right Side	0	11	Ant 1	100.00	1.00	21.00	20.88	1.03	0.07	0.766	0.79
	WLAN2.4G	802.11b	Right Side	0	6	Ant 1	100.00	1.00	21.50	21.35	1.04	-0.01	0.809	0.84
	WLAN5.3G	802.11a	Rear Face	0	52	Ant 0	95.77	1.04	21.00	20.64	1.09	0.05	0.629	0.71
	WLAN5.3G	802.11a	Left Side	0	52	Ant 0	95.77	1.04	21.00	20.64	1.09	-0.19	0.603	0.68
	WLAN5.3G	802.11a	Right Side	0	52	Ant 0	95.77	1.04	21.00	20.64	1.09	0	<0.001	0.00
	WLAN5.3G	802.11a	Top Side	0	52	Ant 0	95.77	1.04	21.00	20.64	1.09	0	<0.001	0.00
	WLAN5.3G	802.11a	Bottom Side	0	52	Ant 0	95.77	1.04	21.00	20.64	1.09	-0.02	0.098	0.11
2	WLAN5.3G	802.11a	Rear Face	0	52	Ant 1	95.83	1.04	21.10	20.97	1.03	0.09	0.719	0.77
	WLAN5.3G	802.11a	Left Side	0	52	Ant 1	95.83	1.04	21.10	20.97	1.03	0	<0.001	0.00
	WLAN5.3G	802.11a	Right Side	0	52	Ant 1	95.83	1.04	21.10	20.97	1.03	0.13	0.676	0.72
	WLAN5.3G	802.11a	Top Side	0	52	Ant 1	95.83	1.04	21.10	20.97	1.03	0.17	0.108	0.12
	WLAN5.3G	802.11a	Bottom Side	0	52	Ant 1	95.83	1.04	21.10	20.97	1.03	0	<0.001	0.00
	WLAN5.3G	802.11a	Rear Face	0	52	Ant 0+1	95.80	1.04	24.00	23.86	1.03	-0.04	0.675	0.72
	WLAN5.3G	802.11a	Left Side	0	52	Ant 0+1	95.80	1.04	24.00	23.86	1.03	0.15	0.601	0.64
	WLAN5.3G	802.11a	Right Side	0	52	Ant 0+1	95.80	1.04	24.00	23.86	1.03	-0.14	0.67	0.72
	WLAN5.3G	802.11a	Top Side	0	52	Ant 0+1	95.80	1.04	24.00	23.86	1.03	0.04	0.102	0.11
	WLAN5.3G	802.11a	Bottom Side	0	52	Ant 0+1	95.80	1.04	24.00	23.86	1.03	-0.09	0.092	0.10
	WLAN5.3G	802.11a	Rear Face	0	56	Ant 1	95.83	1.04	21.10	20.93	1.04	-0.1	0.404	0.44
	WLAN5.3G	802.11a	Rear Face	0	60	Ant 1	95.83	1.04	21.00	20.88	1.03	0.08	0.373	0.40
	WLAN5.3G	802.11a	Rear Face	0	64	Ant 1	95.83	1.04	20.10	19.87	1.05	-0.18	0.466	0.51
	WLAN5.6G	802.11a	Rear Face	0	120	Ant 0	95.77	1.04	21.00	20.66	1.08	-0.01	0.625	0.70
	WLAN5.6G	802.11a	Left Side	0	120	Ant 0	95.77	1.04	21.00	20.66	1.08	0.19	0.575	0.65
	WLAN5.6G	802.11a	Right Side	0	120	Ant 0	95.77	1.04	21.00	20.66	1.08	0	<0.001	0.00
	WLAN5.6G	802.11a	Top Side	0	120	Ant 0	95.77	1.04	21.00	20.66	1.08	0	<0.001	0.00
	WLAN5.6G	802.11a	Bottom Side	0	120	Ant 0	95.77	1.04	21.00	20.66	1.08	0	<0.001	0.00
3	WLAN5.6G	802.11a	Rear Face	0	120	Ant 1	95.83	1.04	21.00	20.86	1.03	-0.11	0.911	0.98
	WLAN5.6G	802.11a	Left Side	0	120	Ant 1	95.83	1.04	21.00	20.86	1.03	0	<0.001	0.00
	WLAN5.6G	802.11a	Right Side	0	120	Ant 1	95.83	1.04	21.00	20.86	1.03	0.07	0.791	0.85
	WLAN5.6G	802.11a	Top Side	0	120	Ant 1	95.83	1.04	21.00	20.86	1.03	0.17	0.141	0.15
	WLAN5.6G	802.11a	Bottom Side	0	120	Ant 1	95.83	1.04	21.00	20.86	1.03	0	<0.001	0.00
	WLAN5.6G	802.11a	Rear Face	0	120	Ant 0+1	95.80	1.04	24.00	23.83	1.04	-0.18	0.818	0.88
	WLAN5.6G	802.11a	Left Side	0	120	Ant 0+1	95.80	1.04	24.00	23.83	1.04	-0.15	0.808	0.87
	WLAN5.6G	802.11a	Right Side	0	120	Ant 0+1	95.80	1.04	24.00	23.83	1.04	0.08	0.821	0.89
	WLAN5.6G	802.11a	Top Side	0	120	Ant 0+1	95.80	1.04	24.00	23.83	1.04	-0.12	0.173	0.19
	WLAN5.6G	802.11a	Bottom Side	0	120	Ant 0+1	95.80	1.04	24.00	23.83	1.04	-0.11	0.141	0.15
	WLAN5.6G	802.11a	Rear Face	0	100	Ant 1	95.83	1.04	20.20	19.86	1.08	-0.16	0.685	0.77
	WLAN5.6G	802.11a	Rear Face	0	116	Ant 1	95.83	1.04	21.00	20.79	1.05	-0.03	0.871	0.95
	WLAN5.6G	802.11a	Rear Face	0	124	Ant 1	95.83	1.04	21.00	20.81	1.04	0.18	0.847	0.92
	WLAN5.6G	802.11a	Rear Face	0	132	Ant 1	95.83	1.04	21.00	20.77	1.05	-0.11	0.891	0.97
	WLAN5.6G	802.11a	Rear Face	0	140	Ant 1	95.83	1.04	18.60	18.36	1.06	-0.16	0.504	0.56
	WLAN5.6G	802.11a	Right Side	0	100	Ant 1	95.83	1.04	20.20	19.86	1.08	-0.18	0.547	0.61
	WLAN5.6G	802.11a	Right Side	0	116	Ant 1	95.83	1.04	21.00	20.79	1.05	0.09	0.762	0.83
	WLAN5.6G	802.11a	Right Side	0	124	Ant 1	95.83	1.04	21.00	20.81	1.04	-0.08	0.734	0.79
	WLAN5.6G	802.11a	Right Side	0	132	Ant 1	95.83	1.04	21.00	20.77	1.05	-0.13	0.491	0.54
	WLAN5.6G	802.11a	Right Side	0	140	Ant 1	95.83	1.04	18.60	18.36	1.06	-0.13	0.337	0.37
	WLAN5.6G	802.11a	Rear Face	0	100	Ant 0+1	95.83	1.04	23.00	22.94	1.01	0.1	0.507	0.53
	WLAN5.6G	802.11a	Rear Face	0	116	Ant 0+1	95.83	1.04	24.00	23.64	1.09	0.02	0.649	0.74
	WLAN5.6G	802.11a	Rear Face	0	124	Ant 0+1	95.83	1.04	24.00	23.78	1.05	-0.04	0.648	0.71
	WLAN5.6G	802.11a	Rear Face	0	132	Ant 0+1	95.83	1.04	24.00	23.73	1.06	0.05	0.691	0.76
	WLAN5.6G	802.11a	Rear Face	0	140	Ant 0+1	95.83	1.04	21.50	21.30	1.05	0.12	0.348	0.38
	WLAN5.6G	802.11a	Left Side	0	100	Ant 0+1	95.83	1.04	23.00	22.94	1.01	0.04	0.646	0.68
	WLAN5.6G	802.11a	Left Side	0	116	Ant 0+1	95.83	1.04	24.00	23.64	1.09	0.14	0.701	0.79
	WLAN5.6G	802.11a	Left Side	0	124	Ant 0+1	95.83	1.04	24.00	23.78	1.05	0.18	0.668	0.73
	WLAN5.6G	802.11a	Left Side	0	132	Ant 0+1	95.83	1.04	24.00	23.73	1.06	0.04	0.731	0.81
	WLAN5.6G	802.11a	Left Side	0	140	Ant 0+1	95.83	1.04	21.50	21.30	1.05	0.03	0.355	0.39
	WLAN5.6G	802.11a	Right Side	0	100	Ant 0+1	95.83	1.04	23.00	22.94	1.01	0.06	0.665	0.70
	WLAN5.6G	802.11a	Right Side	0	116	Ant 0+1	95.83	1.04	24.00	23.64	1.09	0	0.721	0.82
	WLAN5.6G	802.11a	Right Side	0	124	Ant 0+1	95.83	1.04	24.00	23.78	1.05	-0.11	0.698	0.76
	WLAN5.6G	802.11a	Right Side	0	132	Ant 0+1	95.83	1.04	24.00	23.73	1.06	-0.03	0.762	0.84
	WLAN5.6G	802.11a	Right Side	0	140	Ant 0+1	95.83	1.04	21.50	21.30	1.05	0.04	0.38	0.41
	WLAN5.6G	802.11a	Rear Face	0	120	Ant 1	95.83	1.04	21.00	20.86	1.03	0.04	0.888	0.95

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)	Scaled SAR-1g (W/kg)
	WLAN5.8G	802.11a	Rear Face	0	157	Ant 0	95.77	1.04	21.00	20.42	1.14	-0.12	0.639
	WLAN5.8G	802.11a	Left Side	0	157	Ant 0	95.77	1.04	21.00	20.42	1.14	-0.17	0.548
	WLAN5.8G	802.11a	Right Side	0	157	Ant 0	95.77	1.04	21.00	20.42	1.14	0	<0.001
	WLAN5.8G	802.11a	Top Side	0	157	Ant 0	95.77	1.04	21.00	20.42	1.14	0	<0.001
	WLAN5.8G	802.11a	Bottom Side	0	157	Ant 0	95.77	1.04	21.00	20.42	1.14	0	<0.001
4	WLAN5.8G	802.11a	Rear Face	0	157	Ant 1	95.83	1.04	21.00	20.95	1.01	0.04	1.07
	WLAN5.8G	802.11a	Left Side	0	157	Ant 1	95.83	1.04	21.00	20.95	1.01	0	<0.001
	WLAN5.8G	802.11a	Right Side	0	157	Ant 1	95.83	1.04	21.00	20.95	1.01	0.14	0.953
	WLAN5.8G	802.11a	Top Side	0	157	Ant 1	95.83	1.04	21.00	20.95	1.01	0.06	0.171
	WLAN5.8G	802.11a	Bottom Side	0	157	Ant 1	95.83	1.04	21.00	20.95	1.01	0	<0.001
	WLAN5.8G	802.11a	Rear Face	0	157	Ant 0+1	95.80	1.04	24.00	23.73	1.06	-0.12	0.981
	WLAN5.8G	802.11a	Left Side	0	157	Ant 0+1	95.80	1.04	24.00	23.73	1.06	-0.14	0.649
	WLAN5.8G	802.11a	Right Side	0	157	Ant 0+1	95.80	1.04	24.00	23.73	1.06	0.05	0.892
	WLAN5.8G	802.11a	Top Side	0	157	Ant 0+1	95.80	1.04	24.00	23.73	1.06	0.13	0.162
	WLAN5.8G	802.11a	Bottom Side	0	157	Ant 0+1	95.80	1.04	24.00	23.73	1.06	0	<0.001
	WLAN5.8G	802.11a	Rear Face	0	149	Ant 1	95.83	1.04	21.00	20.88	1.03	0.01	0.903
	WLAN5.8G	802.11a	Rear Face	0	153	Ant 1	95.83	1.04	21.00	20.83	1.04	0.15	0.961
	WLAN5.8G	802.11a	Rear Face	0	161	Ant 1	95.83	1.04	21.00	20.91	1.02	-0.12	1.03
	WLAN5.8G	802.11a	Rear Face	0	165	Ant 1	95.83	1.04	21.00	20.74	1.06	-0.07	0.961
	WLAN5.8G	802.11a	Right Side	0	149	Ant 1	95.83	1.04	21.00	20.88	1.03	0.01	0.862
	WLAN5.8G	802.11a	Right Side	0	153	Ant 1	95.83	1.04	21.00	20.83	1.04	0.15	0.915
	WLAN5.8G	802.11a	Right Side	0	161	Ant 1	95.83	1.04	21.00	20.91	1.02	-0.12	0.941
	WLAN5.8G	802.11a	Right Side	0	165	Ant 1	95.83	1.04	21.00	20.74	1.06	-0.07	0.895
	WLAN5.8G	802.11a	Rear Face	0	149	Ant 0+1	95.80	1.04	24.00	23.68	1.08	0.04	0.843
	WLAN5.8G	802.11a	Rear Face	0	153	Ant 0+1	95.80	1.04	24.00	23.65	1.08	0.11	0.897
	WLAN5.8G	802.11a	Rear Face	0	161	Ant 0+1	95.80	1.04	24.00	23.53	1.11	-0.09	0.922
	WLAN5.8G	802.11a	Rear Face	0	165	Ant 0+1	95.80	1.04	24.00	23.57	1.10	0.08	0.897
	WLAN5.8G	802.11a	Right Side	0	149	Ant 0+1	95.80	1.04	24.00	23.68	1.08	0.02	0.767
	WLAN5.8G	802.11a	Right Side	0	153	Ant 0+1	95.80	1.04	24.00	23.65	1.08	0.16	0.816
	WLAN5.8G	802.11a	Right Side	0	161	Ant 0+1	95.80	1.04	24.00	23.53	1.11	-0.04	0.835
	WLAN5.8G	802.11a	Right Side	0	165	Ant 0+1	95.80	1.04	24.00	23.57	1.10	0.05	0.816
	WLAN5.8G	802.11a	Rear Face	0	157	Ant 1	95.83	1.04	21.00	20.95	1.01	0.02	1.03
	BT	BDR	Rear Face	0	0	Ant 1	57.72	1.73	6.50	6.31	1.04	0	<0.001
	BT	BDR	Left Side	0	0	Ant 1	57.72	1.73	6.50	6.31	1.04	-0.07	0.009
	BT	BDR	Right Side	0	0	Ant 1	57.72	1.73	6.50	6.31	1.04	0	<0.001
	BT	BDR	Top Side	0	0	Ant 1	57.72	1.73	6.50	6.31	1.04	0	<0.001
	BT	BDR	Bottom Side	0	0	Ant 1	57.72	1.73	6.50	6.31	1.04	0	<0.001
	BT	BDR	Left Side	0	39	Ant 1	57.72	1.73	6.50	6.24	1.06	-0.17	0.011
5	BT	BDR	Left Side	0	78	Ant 1	57.72	1.73	6.50	6.16	1.08	-0.14	0.013

Appendix G. SAR Measurement Variability

Since all the measured SAR_{1g} are less than 0.8 W/kg, the repeated measurement is not required.

Repeated SAR							
Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
R01	WLAN2.4G	802.11b	Right Side	6	0.813	0.809	1.00
R03	WLAN5.6G	802.11a	Rear Face	120	0.911	0.888	1.03
R04	WLAN5.8G	802.11a	Rear Face	157	1.07	1.03	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 1	Yes
E	WLAN 5G_Ant 0 + BT_Ant 1	Yes
F	WLAN 5G_Ant 1 + BT_Ant 1	Yes
G	WLAN 2.4G_Ant 0 + WLAN 5G_Ant 1 + BT_Ant 1	Yes
H	WLAN 2.4G_Ant 1 + WLAN 5G_Ant 0 + BT_Ant 1	Yes
I	WLAN 2.4G_Ant 0+1 + BT_Ant 1	Yes
J	WLAN 5G_Ant 0+1 + BT_Ant 1	Yes

Notes

- Simultaneous TX Combination A, C and F can be covered by G.
Simultaneous TX Combination B, D and E can be covered by H.

Simultaneous Transmission SAR Evaluation											
Position	1	2	3	4	5	6	7	G(1+5+7)	H(2+4+7)	I(3+7)	J(6+7)
	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 1	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing 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				
Rear Face	0.35	0.47	0.17	0.76	1.12	1.08	0.00	1.47	1.23	0.17	1.08
Left Side	0.47	0.00	0.39	0.68	0.00	0.87	0.02	0.49	0.70	0.41	0.89
Right Side	0.00	0.85	0.79	0.00	1.00	0.98	0.00	1.00	0.85	0.79	0.98
Top Side	0.00	0.00	0.14	0.00	0.18	0.19	0.00	0.18	0.00	0.14	0.19
Bottom Side	0.15	0.00	0.13	0.11	0.00	0.15	0.00	0.15	0.11	0.13	0.15

Appendix J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D2450V2	737	Feb. 12, 2025	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Feb. 11, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7554	Sep. 17, 2024	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3650	Jan. 23, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7736	Feb. 17, 2025	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1757	Aug. 16, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1761	Sep. 19, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1589	Apr. 17, 2025	1 Year
Universal Wireless Test Set	Anritsu	MT8870A	6262296569	Aug. 20, 2024	1 Year
Thermometer	YFE	YF-160A	120702365	Sep. 12, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1151	Jul. 15, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAK-12	1164	Mar. 13, 2025	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4263	Jan. 14, 2025	1 Year