

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 SystemCheck_H2450_241211 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2-SN:737	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--	2450.000, 0	7.33	1.83	40.1

Hardware Setup

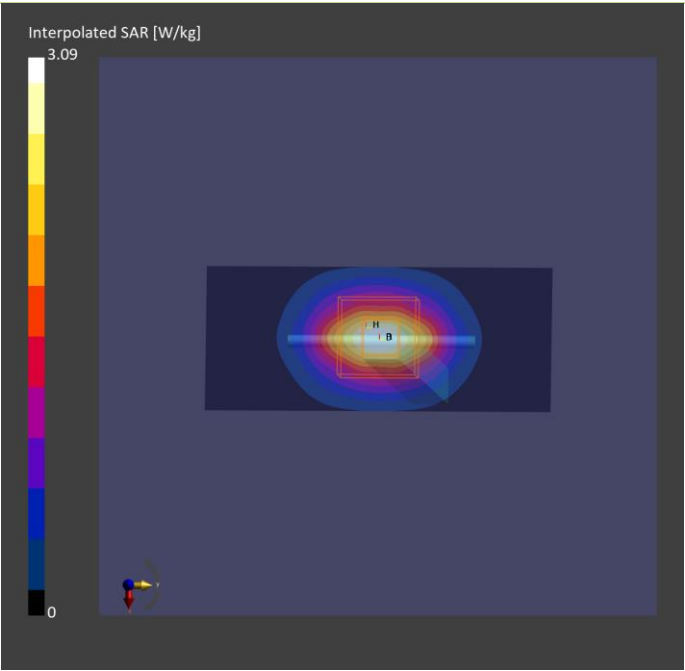
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

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	2024-12-11	2024-12-11
psSAR1g [W/kg]	2.53	2.51
psSAR10g [W/kg]	1.15	1.16
Power Drift [dB]	-0.01	-0.01



Plots of System Verification

Measurement Report S02 SystemCheck_H5250_241211 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2-SN:1019	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	5.49	4.63	35.5

Hardware Setup

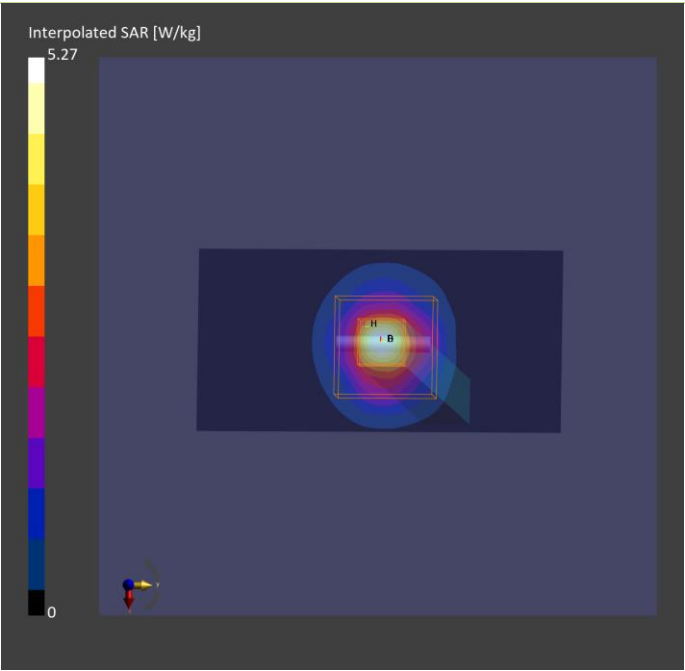
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H51T72N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

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	2024-12-11	2024-12-11
psSAR1g [W/kg]	3.58	3.91
psSAR10g [W/kg]	1.04	1.12
Power Drift [dB]	-0.02	-0.03



Plots of System Verification

Measurement Report S03 SystemCheck_H5800_241211 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2-SN:1019	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	4.85	5.26	34.6

Hardware Setup

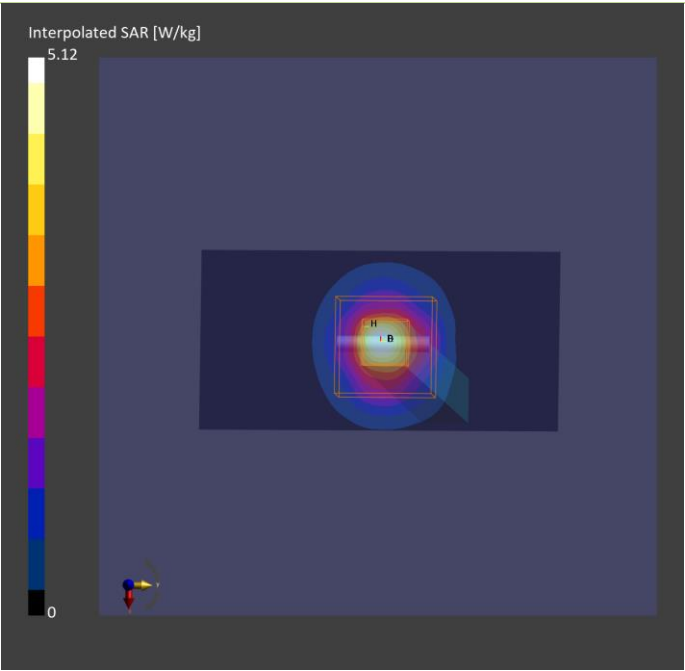
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H51T72N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

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	2024-12-11	2024-12-11
psSAR1g [W/kg]	3.65	3.89
psSAR10g [W/kg]	1.01	1.08
Power Drift [dB]	0.03	0.08



Plots of System Verification

Measurement Report S04 SystemCheck_H2450_241211 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2-SN:737	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--	2450.000, 0	7.33	1.83	40.1

Hardware Setup

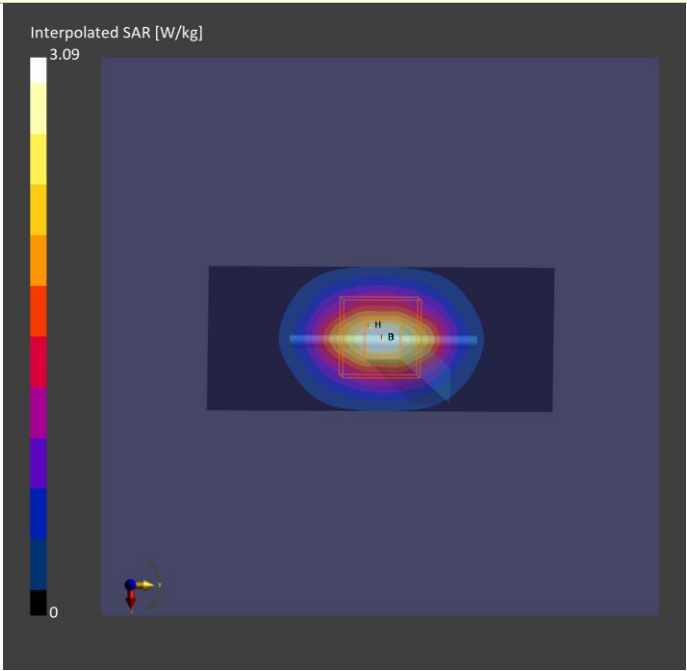
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

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	2024-12-11	2024-12-11
psSAR1g [W/kg]	2.53	2.51
psSAR10g [W/kg]	1.15	1.16
Power Drift [dB]	-0.01	-0.01



Plots of Measurement

Appendix B. Plots of Measurement

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

Plots of Measurement

Measurement Report

P01 WLAN2.4G_802.11b_Rear Face_0mm_Ch1_Ant0

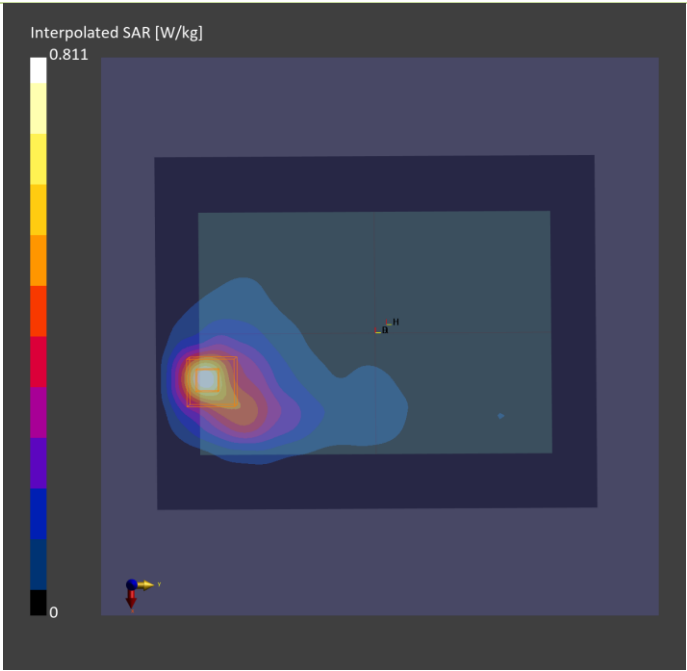
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24100571,	160.0 x 110.0 x 1.0		eRead Book

Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Rear Face, 5.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	7.33	1.80	40.2

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	132.0 x 180.0	30.0 x 30.0 x 30.0	Date	2024-12-11	2024-12-11
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.491	0.569
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.245	0.262
			Power Drift [dB]	-0.06	0.19
			M2/M1 [%]		42.4
			Dist 3dB Peak [mm]		9.5



Plots of Measurement

Measurement Report

P02 WLAN5.2G_802.11a_Bottom Side_5mm_Ch40_Ant0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24100571,	160.0 x 10.0 x 110.0		eRead Book

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, 5.00	WLAN 5GHz	WLAN, 10062-CAE	5200.000, 40	5.49	4.58	35.6

Hardware Setup

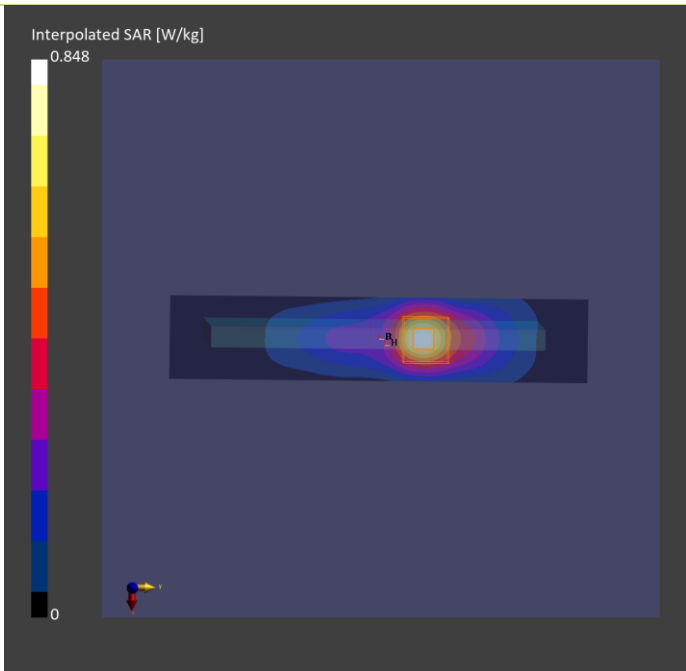
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H51T72N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	20.0 x 180.0	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	2024-12-11	2024-12-11
psSAR1g [W/kg]	0.551	0.659
psSAR10g [W/kg]	0.226	0.238
Power Drift [dB]	0.10	-0.09
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		8.2



Plots of Measurement

Measurement Report

P03 WLAN5.8G_802.11ac VHT80_Bottom Side_5mm_Ch155_Ant0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24100571,	160.0 x 10.0 x 110.0		eRead Book

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, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.85	5.23	34.6

Hardware Setup

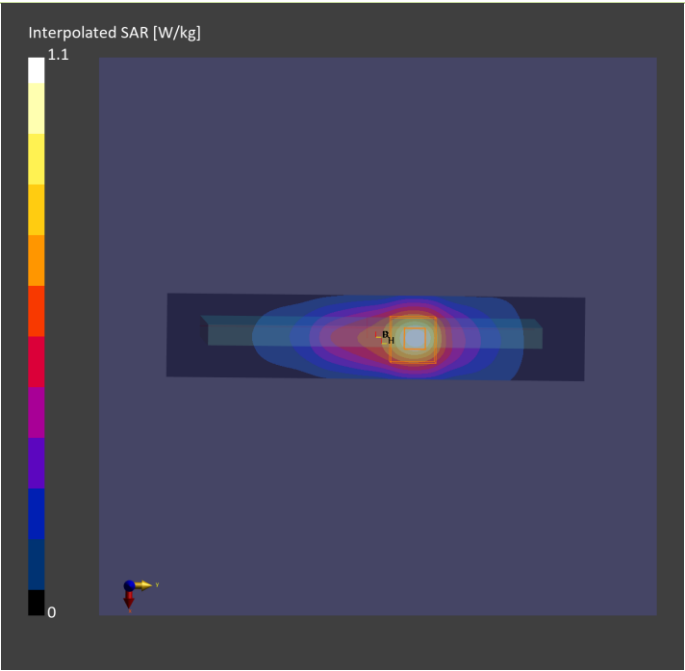
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H51T72N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	20.0 x 180.0	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	2024-12-11	2024-12-11
psSAR1g [W/kg]	0.888	1.08
psSAR10g [W/kg]	0.374	0.370
Power Drift [dB]	0.02	-0.14
M2/M1 [%]		55.4
Dist 3dB Peak [mm]		10.1



Plots of Measurement

Measurement Report

P04 BT_LE_Rear Face_5mm_Ch0_Ant0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24100571,	160.0 x 110.0 x 1.0		eRead Book

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Rear Face, 5.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2402.000, 0	7.33	1.79	40.2

Hardware Setup

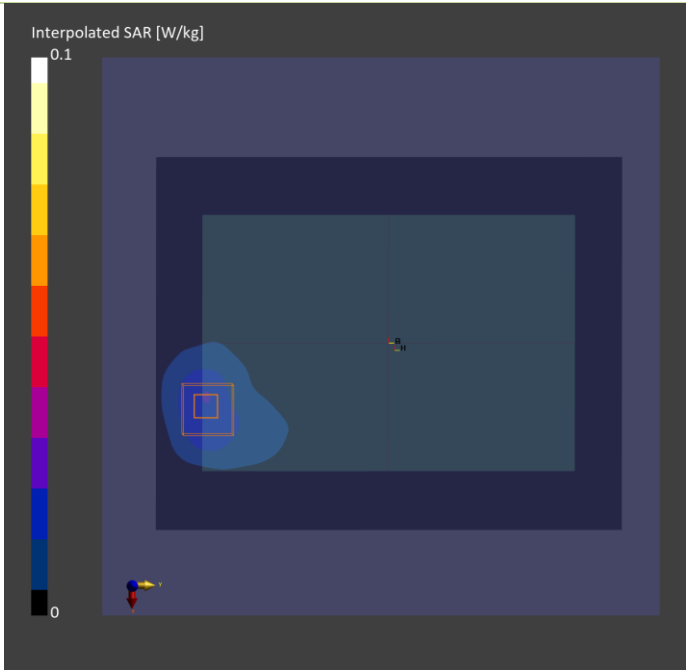
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H19T27N4 , 2024-12-11	EX3DV4 - SN7555, 2024-04-24	DAE4 Sn1585, 2024-05-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	132.0 x 180.0	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	2024-12-11	2024-12-11
psSAR1g [W/kg]	0.021	0.025
psSAR10g [W/kg]	0.013	0.016
Power Drift [dB]	-0.07	0.07
M2/M1 [%]		43.4
Dist 3dB Peak [mm]		10.6



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.



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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	21.2	1.83	40.1	1.8	39.2	1.67	2.30	Pass	Pass	Pass	OFDM	N/A	Pass	Dec. 11, 2024	2450	52.90	2.51	50.08	-5.33	737	7555	1585	17
S02	5250	21.2	4.63	35.5	4.71	35.9	-1.70	-1.11	Pass	Pass	Pass	OFDM	N/A	Pass	Dec. 11, 2024	5250	80.20	3.91	78.01	-2.72	1019	7555	1585	17
S03	5800	21.2	5.26	34.6	5.27	35.3	-0.19	-1.98	Pass	Pass	Pass	OFDM	N/A	Pass	Dec. 11, 2024	5800	80.30	3.89	77.62	-3.34	1019	7555	1585	17
S04	2450	21.2	1.83	40.1	1.8	39.2	1.67	2.30	Pass	Pass	Pass	OFDM	N/A	Pass	Dec. 11, 2024	2450	52.90	2.51	50.08	-5.33	737	7555	1585	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
802.11b	1	2412	17.5
	6	2437	17.5
	11	2462	17.5
802.11g	1	2412	17.0
	6	2437	17.0
	11	2462	15.0
802.11n HT20	1	2412	17.0
	6	2437	17.0
	11	2462	15.0

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

Tune-up Power (Full)			
WLAN 5.2GHz			
Mode	Channel	Frequency	SISO Ant 0 Max Tune up
802.11a	36	5180	16.5
	40	5200	16.5
	44	5220	16.5
	48	5240	16.5
802.11n HT20	36	5180	16.5
	40	5200	16.5
	44	5220	16.5
	48	5240	16.5
802.11n HT40	38	5190	16.0
	46	5230	16.0
802.11ac VHT20	36	5180	16.5
	40	5200	16.5
	44	5220	16.5
	48	5240	16.5
802.11ac VHT40	38	5190	16.0
	46	5230	16.0
802.11ac VHT80	42	5210	13.5

Tune-up Power (Full)			
WLAN 5.8GHz			
Mode	Channel	Frequency	SISO Ant 0 Max Tune up
802.11a	149	5745	15.5
	153	5765	15.5
	157	5785	15.5
	161	5805	15.5
	165	5825	15.5
802.11n HT20	149	5745	15.5
	153	5765	15.5
	157	5785	15.5
	161	5805	15.5
	165	5825	15.5
802.11n HT40	151	5755	15.5
	159	5795	15.5
802.11ac VHT20	149	5745	15.5
	153	5765	15.5
	157	5785	15.5
	161	5805	15.5
	165	5825	15.5
802.11ac VHT40	151	5755	15.5
	159	5795	15.5
802.11ac VHT80	155	5775	15.5

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	17.39
	6	2437	17.48
	11	2462	17.49
802.11g	1	2412	16.27
	6	2437	16.37
	11	2462	14.92
802.11n HT20	1	2412	16.24
	6	2437	16.38
	11	2462	14.86

Conducted Power (Full)			
Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	7.25
	39	2441	7.2
	78	2480	6.97
LE	0	2402	7.41
	19	2440	7.37
	39	2480	7.12

Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	16.45
	40	5200	16.43
	44	5220	16.41
	48	5240	16.43
802.11n HT20	36	5180	16.35
	40	5200	16.32
	44	5220	16.28
	48	5240	16.31
802.11n HT40	38	5190	15.85
	46	5230	15.83
802.11ac VHT20	36	5180	16.48
	40	5200	16.47
	44	5220	16.43
	48	5240	16.45
802.11ac VHT40	38	5190	15.96
	46	5230	15.96
802.11ac VHT80	42	5210	13.26

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	15.27
	153	5765	15.22
	157	5785	15.32
	161	5805	15.31
	165	5825	15.37
802.11n HT20	149	5745	15.37
	153	5765	15.22
	157	5785	15.24
	161	5805	15.2
	165	5825	15.19
802.11n HT40	151	5755	15.21
	159	5795	15.24
802.11ac VHT20	149	5745	15.43
	153	5765	15.28
	157	5785	15.34
	161	5805	15.29
	165	5825	15.32
802.11ac VHT40	151	5755	15.33
	159	5795	15.32
802.11ac VHT80	155	5775	15.34

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

Body SAR Test Result														
System & Position						DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11b	Front Face	5	11	Ant 0	99.70	1.00	17.50	17.49	1.00	0.04	0.362	0.36
	WLAN2.4G	802.11b	Rear Face	5	11	Ant 0	99.70	1.00	17.50	17.49	1.00	0.13	0.437	0.44
	WLAN2.4G	802.11b	Left Side	5	11	Ant 0	99.70	1.00	17.50	17.49	1.00	0.02	0.042	0.04
	WLAN2.4G	802.11b	Right Side	5	11	Ant 0	99.70	1.00	17.50	17.49	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	5	11	Ant 0	99.70	1.00	17.50	17.49	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	5	11	Ant 0	99.70	1.00	17.50	17.49	1.00	-0.17	0.298	0.30
1	WLAN2.4G	802.11b	Rear Face	5	1	Ant 0	99.70	1.00	17.50	17.39	1.03	0.19	0.569	0.59
	WLAN2.4G	802.11b	Rear Face	5	6	Ant 0	99.70	1.00	17.50	17.48	1.00	-0.13	0.473	0.47
	WLAN5.2G	802.11a	Front Face	5	36	Ant 0	96.94	1.03	16.50	16.45	1.01	-0.11	0.482	0.50
	WLAN5.2G	802.11a	Rear Face	5	36	Ant 0	96.94	1.03	16.50	16.45	1.01	-0.18	0.529	0.55
	WLAN5.2G	802.11a	Left Side	5	36	Ant 0	96.94	1.03	16.50	16.45	1.01	0.03	0.107	0.11
	WLAN5.2G	802.11a	Right Side	5	36	Ant 0	96.94	1.03	16.50	16.45	1.01	0	<0.001	0.00
	WLAN5.2G	802.11a	Top Side	5	36	Ant 0	96.94	1.03	16.50	16.45	1.01	0	<0.001	0.00
	WLAN5.2G	802.11a	Bottom Side	5	36	Ant 0	96.94	1.03	16.50	16.45	1.01	-0.1	0.603	0.63
2	WLAN5.2G	802.11a	Bottom Side	5	40	Ant 0	96.94	1.03	16.50	16.43	1.02	-0.09	0.659	0.69
	WLAN5.2G	802.11a	Bottom Side	5	44	Ant 0	96.94	1.03	16.50	16.41	1.02	-0.13	0.609	0.64
	WLAN5.2G	802.11a	Bottom Side	5	48	Ant 0	96.94	1.03	16.50	16.43	1.02	0.06	0.593	0.62
	WLAN5.8G	802.11ac VHT80	Front Face	5	155	Ant 0	96.94	1.03	15.50	15.34	1.04	-0.07	0.772	0.83
	WLAN5.8G	802.11ac VHT80	Rear Face	5	155	Ant 0	96.94	1.03	15.50	15.34	1.04	-0.13	0.692	0.74
	WLAN5.8G	802.11ac VHT80	Left Side	5	155	Ant 0	96.94	1.03	15.50	15.34	1.04	-0.01	0.125	0.13
	WLAN5.8G	802.11ac VHT80	Right Side	5	155	Ant 0	96.94	1.03	15.50	15.34	1.04	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	5	155	Ant 0	96.94	1.03	15.50	15.34	1.04	0	<0.001	0.00
3	WLAN5.8G	802.11ac VHT80	Bottom Side	5	155	Ant 0	96.94	1.03	15.50	15.34	1.04	-0.14	1.08	1.16
	WLAN5.8G	802.11ac VHT80	Bottom Side	5	155	Ant 0	96.94	1.03	15.50	15.34	1.04	-0.14	1.03	1.10
	BT	LE	Front Face	5	0	Ant 0	58.06	1.72	7.50	7.41	1.02	0.01	0.023	0.04
4	BT	LE	Rear Face	5	0	Ant 0	58.06	1.72	7.50	7.41	1.02	0.07	0.025	0.04
	BT	LE	Left Side	5	0	Ant 0	58.06	1.72	7.50	7.41	1.02	0	<0.001	0.00
	BT	LE	Right Side	5	0	Ant 0	58.06	1.72	7.50	7.41	1.02	0	<0.001	0.00
	BT	LE	Top Side	5	0	Ant 0	58.06	1.72	7.50	7.41	1.02	0	<0.001	0.00
	BT	LE	Bottom Side	5	0	Ant 0	58.06	1.72	7.50	7.41	1.02	0	<0.001	0.00
	BT	LE	Rear Face	5	19	Ant 0	58.06	1.72	7.50	7.37	1.03	-0.14	0.016	0.03
	BT	LE	Rear Face	5	39	Ant 0	58.06	1.72	7.50	7.12	1.09	0	<0.001	0.00

Appendix G. SAR Measurement Variability

SAR repeated measurement are shown as below.



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Repeated SAR							
Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
R03	WLAN5.8G	802.11ac VHT80	Bottom Side	155	1.08	1.06	1.02

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_Ant0 + BT_Ant0	Yes
B	WLAN 5G_Ant0 + BT_Ant0	Yes

Notes

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

Simultaneous Transmission SAR Evaluation (Body)					
Position	1	2	3	A(1+3)	B(2+3)
	WLAN 2.4GHz Ant 0	Max WLAN 5GHz Ant 0	Max BT Ant 0	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg		
Front Face	0.36	0.83	0.04	0.40	0.87
Rear Face	0.59	0.74	0.04	0.63	0.78
Left Side	0.04	0.13	0.00	0.04	0.13
Right Side	0.00	0.00	0.00	0.00	0.00
Top Side	0.00	0.00	0.00	0.00	0.00
Bottom Side	0.30	1.16	0.00	0.30	1.16

Appendix J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D2450V2	737	Feb. 19, 2024	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Feb. 13, 2024	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7555	Apr. 24, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1585	May. 16, 2024	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	1092	May. 23, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	May. 23, 2024	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4264	Jan. 30, 2024	1 Year