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_240304
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole_D2450V2_869,	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--	2450.000, 0	7.82	1.83	41.3

Hardware Setup

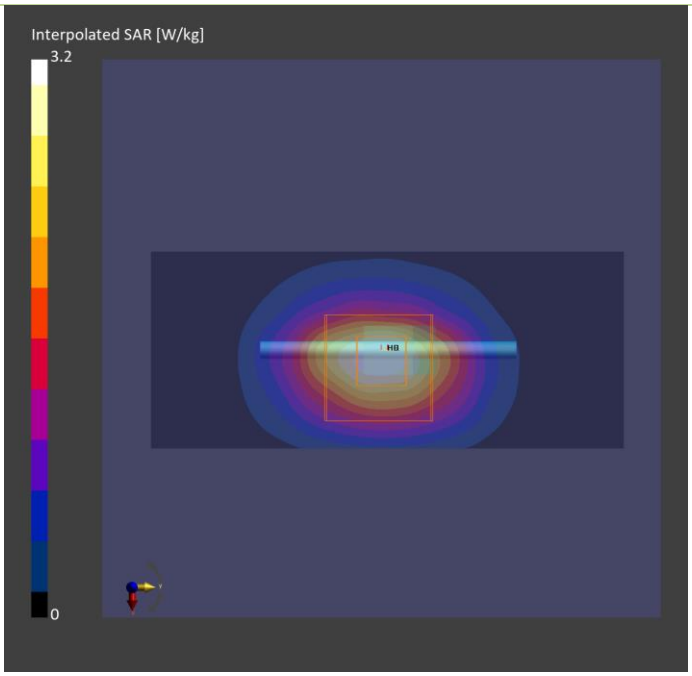
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H06T27N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

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	1.5

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-04	2024-03-04
psSAR1g [W/kg]	2.43	2.56
psSAR10g [W/kg]	1.15	1.21
Power Drift [dB]	-0.04	-0.01



Plots of System Verification

Measurement Report
S02 System Check_H5250_240304
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole_D5GHzV2_1203,	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	5.92	4.72	36.8

Hardware Setup

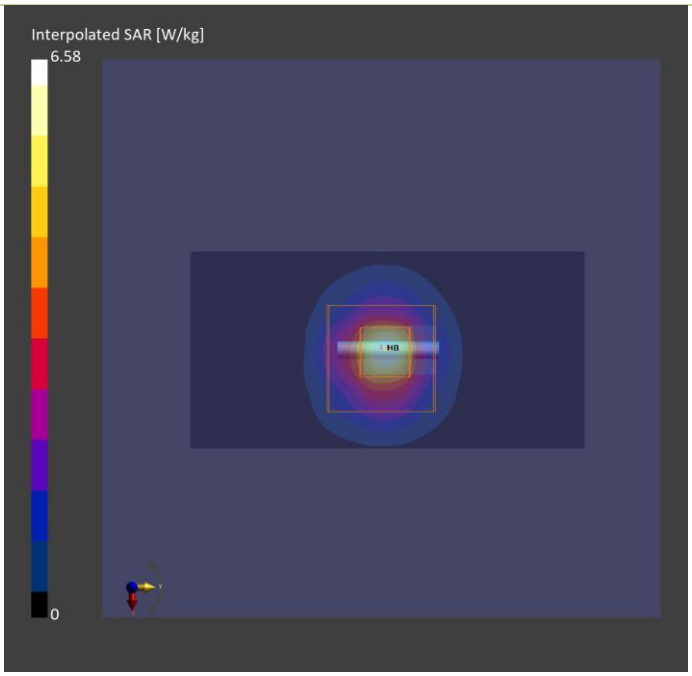
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H51T72N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

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	2024-03-04	2024-03-04
psSAR1g [W/kg]	4.23	4.27
psSAR10g [W/kg]	1.15	1.25
Power Drift [dB]	-0.01	0.02



Plots of System Verification

Measurement Report
S04 System Check_H5600_240304
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole_D5GHzV2_1203,	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	5.04	5.13	36.2

Hardware Setup

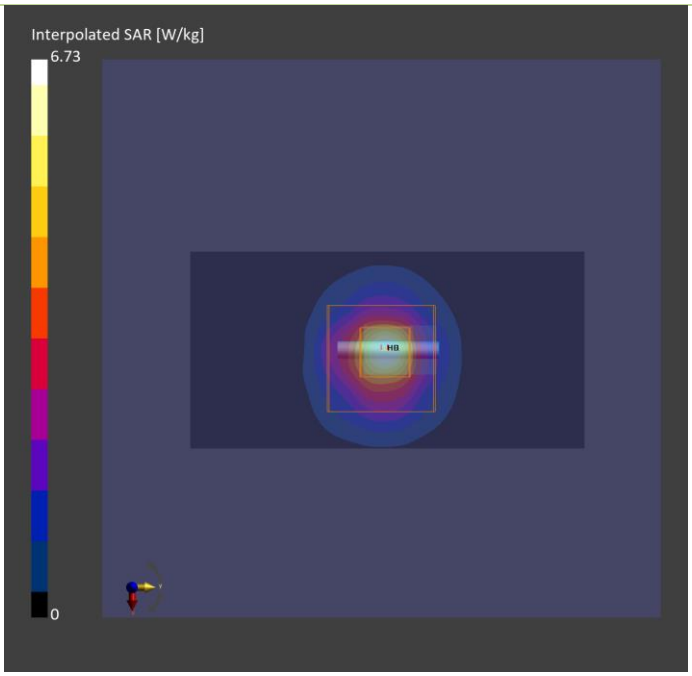
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H51T72N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

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	2024-03-04	2024-03-04
psSAR1g [W/kg]	4.31	4.37
psSAR10g [W/kg]	1.20	1.25
Power Drift [dB]	0.03	-0.02



Plots of System Verification

Measurement Report
S05 System Check_H5750_240304
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole_D5GHzV2_1203,	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--	5750.000, 0	5.31	5.37	35.8

Hardware Setup

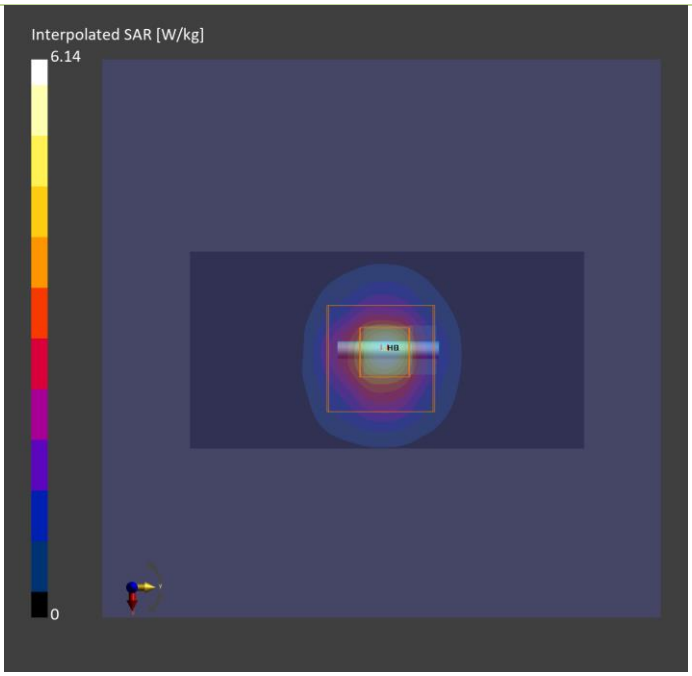
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H51T72N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

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	2024-03-04	2024-03-04
psSAR1g [W/kg]	3.87	4.20
psSAR10g [W/kg]	1.10	1.14
Power Drift [dB]	-0.05	-0.03



Plots of System Verification

Measurement Report
S06 System Check_H2450_240304
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole_D2450V2_869,	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--	2450.000, 0	7.82	1.83	41.3

Hardware Setup

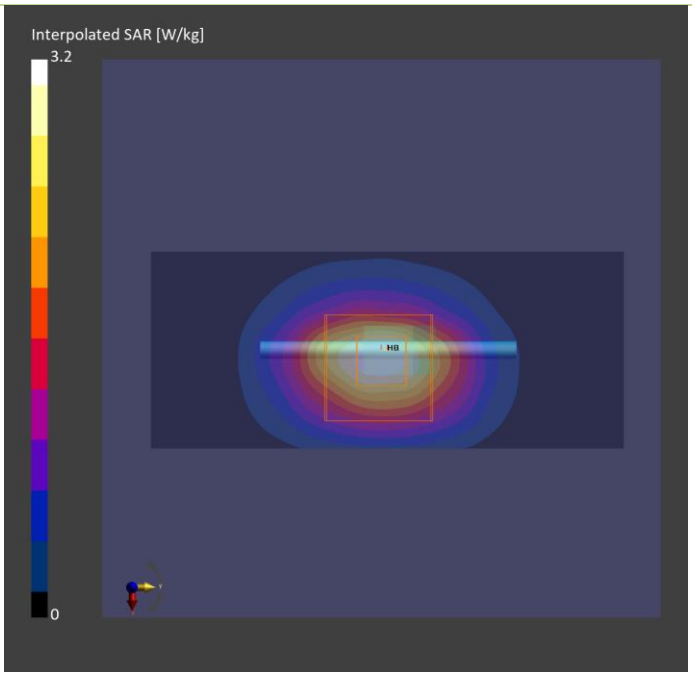
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H06T27N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

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	1.5

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-04	2024-03-04
psSAR1g [W/kg]	2.43	2.56
psSAR10g [W/kg]	1.15	1.21
Power Drift [dB]	-0.04	-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_Horizontal Down_5mm_Ch6_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CMCT-WT-23080399,	68.0 x 25.0 x 10.0		Dongle

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,	Horizontal Down, 5.00	WLAN 2.4GHz	WLAN, 10012-CAB	2437.000, 6	7.82	1.84	41.4

Hardware Setup

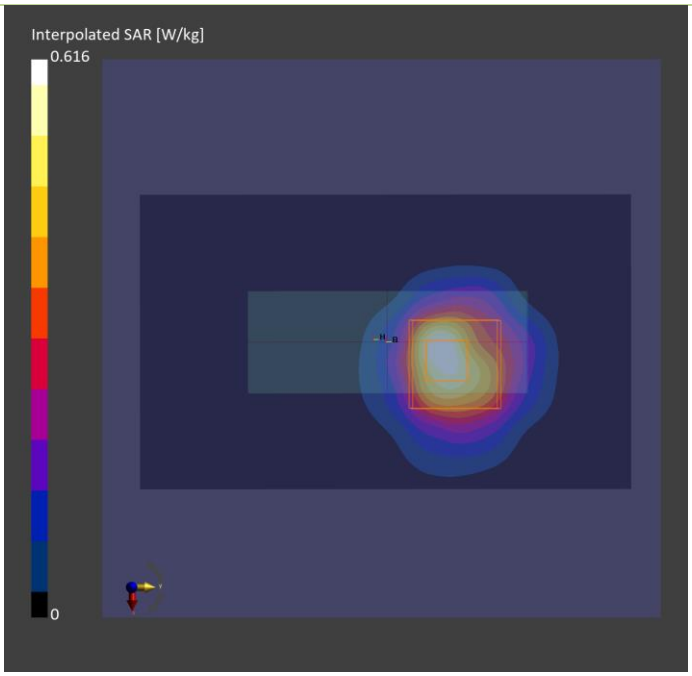
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H06T27N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 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	2024-03-04	2024-03-04
psSAR1g [W/kg]	0.475	0.413
psSAR10g [W/kg]	0.231	0.180
Power Drift [dB]	0.03	0.04
M2/M1 [%]		32.5
Dist 3dB Peak [mm]		6.4



Plots of Measurement

Measurement Report
P02 WLAN5.3G_802.11a_Horizontal Down_5mm_Ch52_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CMCT-WT-23080399,	68.0 x 25.0 x 10.0		Dongle

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,	Horizontal Down, 5.00	WLAN 5GHz	WLAN, 10062-CAE	5260.000, 52	5.92	4.73	36.7

Hardware Setup

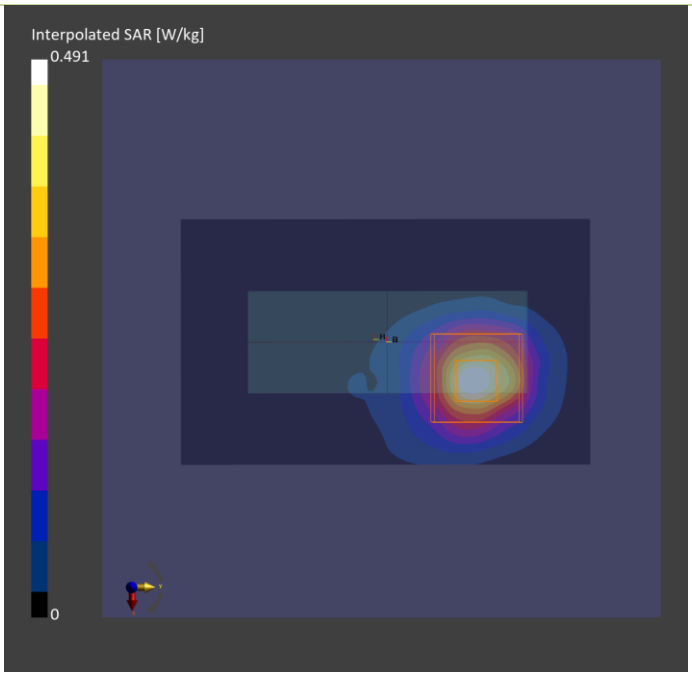
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H51T72N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 100.0	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	2024-03-04	2024-03-04
psSAR1g [W/kg]	0.346	0.362
psSAR10g [W/kg]	0.121	0.115
Power Drift [dB]	0.15	-0.08
M2/M1 [%]		66.3
Dist 3dB Peak [mm]		7.6



Plots of Measurement

Measurement Report
P04 WLAN5.6G_802.11a_Horizontal Down_5mm_Ch116_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CMCT-WT-23080399,	68.0 x 25.0 x 10.0		Dongle

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,	Horizontal Down, 5.00	WLAN 5GHz	WLAN, 10062-CAE	5580.000, 116	5.04	5.11	36.2

Hardware Setup

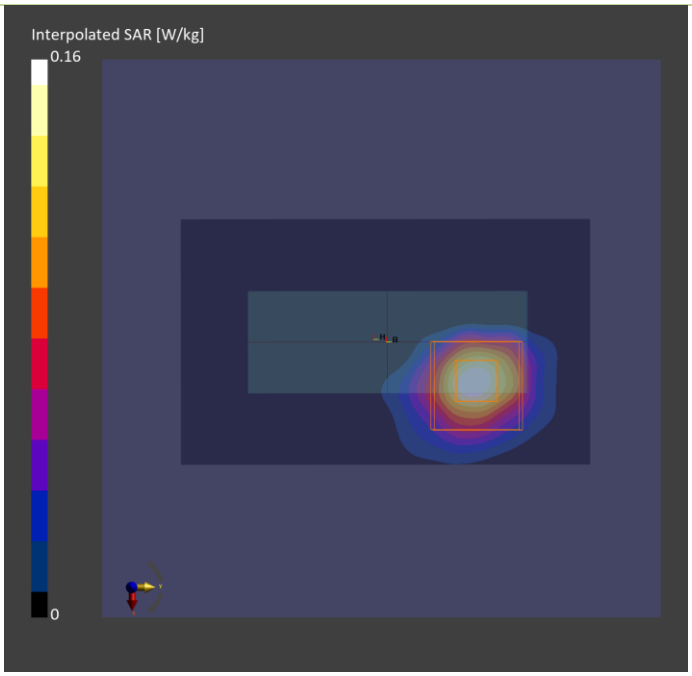
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H51T72N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 100.0	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	2024-03-04	2024-03-04
psSAR1g [W/kg]	0.115	0.117
psSAR10g [W/kg]	0.039	0.031
Power Drift [dB]	0.14	0.08
M2/M1 [%]		53.7
Dist 3dB Peak [mm]		7.6



Plots of Measurement

Measurement Report
P05 WLAN5.8G_802.11a_Horizontal Down_5mm_Ch157_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CMCT-WT-23080399,	68.0 x 25.0 x 10.0		Dongle

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,	Horizontal Down, 5.00	WLAN 5GHz	WLAN, 10062-CAE	5785.000, 157	5.31	5.35	35.9

Hardware Setup

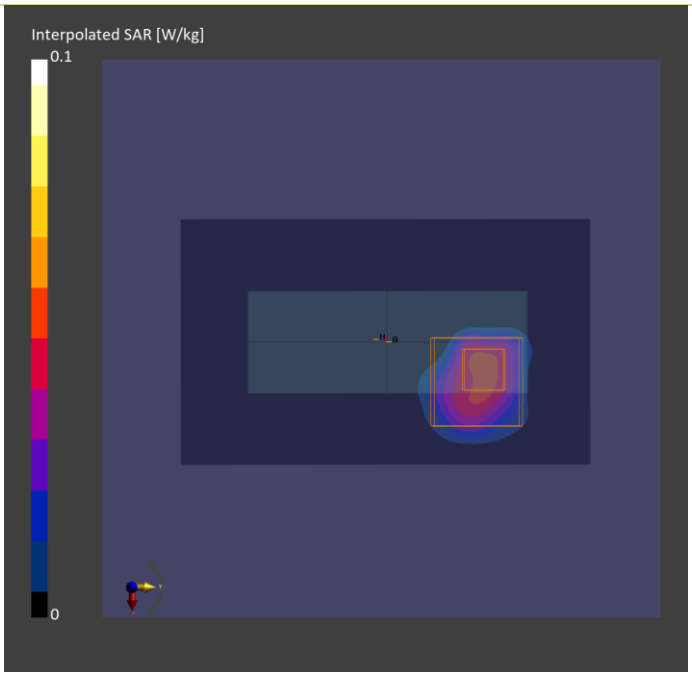
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H51T72N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 100.0	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	2024-03-04	2024-03-04
psSAR1g [W/kg]	0.043	0.040
psSAR10g [W/kg]	0.014	0.004
Power Drift [dB]	-0.01	-0.09
M2/M1 [%]		67.8
Dist 3dB Peak [mm]		5.6



Plots of Measurement

Measurement Report
P06 BT_BR_Horizontal Down_5mm_Ch39_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CMCT-WT-23080399,	68.0 x 25.0 x 10.0		Dongle

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,	Horizontal Down, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2441.000, 39	7.82	1.84	41.4

Hardware Setup

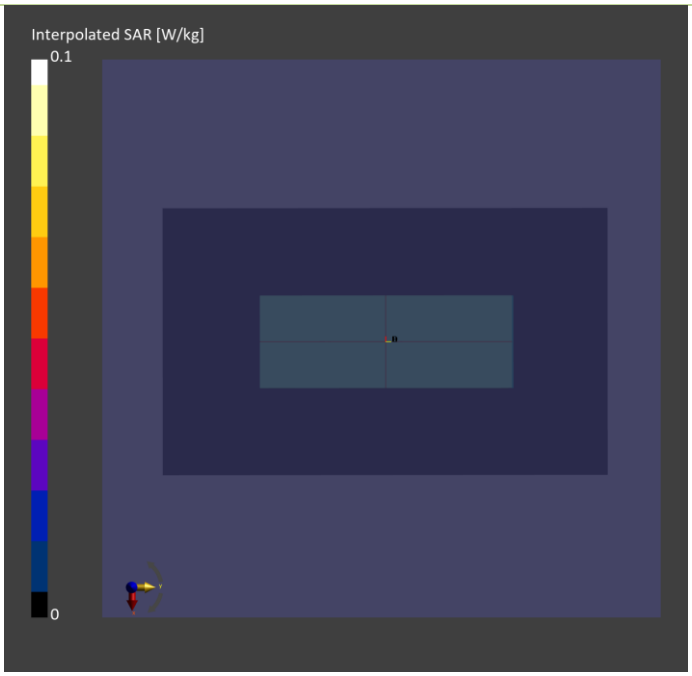
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H06T27N9, 2024-Mar-04	EX3DV4 - SN7472, 2023-10-23	DAE4 Sn1590, 2023-09-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-04	
psSAR1g [W/kg]	0	
psSAR10g [W/kg]	0	
Power Drift [dB]	0.00	



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	8.0
	6	2437	9.5
	11	2462	8.0
802.11g	1	2412	4.5
	6	2437	9.5
	11	2462	4.5
802.11n HT20	1	2412	4.0
	6	2437	7.0
	11	2462	4.0

Tune-up Power (Full)			
Bluetooth			
Mode	Channel	Frequency	Ant 0 Max Tune-up
BR / EDR	0	2402	-2.5
	39	2441	2
	78	2480	-0.5
LE	0	2402	-3.0
	19	2440	1.0
	39	2480	-1.0

Tune-up Power (Full)			
WLAN 5.2GHz			
Mode	Channel	Frequency	SISO Ant 0 Max Tune up
802.11a	36	5180	3.0
	40	5200	5.0
	44	5220	5.0
	48	5240	5.0
802.11n HT20	36	5180	3.0
	40	5200	5.5
	44	5220	5.5
	48	5240	5.5
802.11n HT40	38	5190	1.0
	46	5230	5.0
802.11ac VHT20	36	5180	3.0
	40	5200	5.5
	44	5220	5.5
	48	5240	5.5
802.11ac VHT40	38	5190	1.0
	46	5230	5.0
802.11ac VHT80	42	5210	1.0

Tune-up Power (Full)			
WLAN 5.3GHz			
Mode	Channel	Frequency	SISO Ant 0 Max Tune up
802.11a	52	5260	5.0
	56	5280	5.0
	60	5300	2.0
	64	5320	2.0
802.11n HT20	52	5260	5.0
	56	5280	5.0
	60	5300	2.0
	64	5320	2.0
802.11n HT40	54	5270	4.5
	62	5310	-0.1
802.11ac VHT20	52	5260	5.0
	56	5280	5.0
	60	5300	2.0
	64	5320	2.0
802.11ac VHT40	54	5270	4.5
	62	5310	0.0
802.11ac VHT80	58	5290	-0.3

Tune-up Power (Full)			
WLAN 5.6GHz			
Mode	Channel	Frequency	SISO Ant 0 Max Tune up
802.11a	100	5500	-0.25
	116	5580	3.00
	120	5600	3.0
	124	5620	3.0
	132	5660	-0.25
	140	5700	-0.25
	144	5720	-0.25
802.11n HT20	100	5500	-0.65
	116	5580	3.0
	120	5600	2.0
	124	5620	2.0
	132	5660	-0.65
	140	5700	-0.65
	144	5720	-0.65
802.11n HT40	102	5510	-2.00
	110	5550	2.00
	118	5590	2.0
	126	5630	2.0
	134	5670	-2.00
	142	5710	-1.50
802.11ac VHT20	100	5500	-0.65
	116	5580	3.0
	120	5600	2.0
	124	5620	2.0
	132	5660	-0.65
	140	5700	-0.65
	144	5720	-0.65
802.11ac VHT40	102	5510	-2.00
	110	5550	2.0
	118	5590	2.0
	126	5630	2.0
	134	5670	-2.00
	142	5710	-1.50
802.11ac VHT80	106	5530	-2.5
	122	5610	-2.5
	138	5690	-2.5

Tune-up Power (Full)			
WLAN 5.8GHz			
Mode	Channel	Frequency	SISO Ant 0 Max Tune up
802.11a	149	5745	1.0
	153	5765	1.0
	157	5785	3.0
	161	5805	1.0
	165	5825	1.0
802.11n HT20	149	5745	-0.5
	153	5765	3.0
	157	5785	3.0
	161	5805	3.0
	165	5825	3.0
802.11n HT40	151	5755	-1.0
	159	5795	-1.0
802.11ac VHT20	149	5745	1.0
	153	5765	1.0
	157	5785	3.0
	161	5805	3.0
	165	5825	1.0
802.11ac VHT40	151	5755	-1.0
	159	5795	-1.0
802.11ac VHT80	155	5775	-1.0

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	7.81
	6	2437	9.22
	11	2462	7.71
802.11g	1	2412	4.15
	6	2437	9.18
	11	2462	4.15
802.11n HT20	1	2412	3.34
	6	2437	6.77
	11	2462	3.79

Conducted Power (Full)			
Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	-2.87
	39	2441	1.85
	78	2480	-0.53
LE	0	2402	-3.39
	19	2440	0.85
	39	2480	-1.56

Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	2.9
	40	5200	4.78
	44	5220	4.99
	48	5240	4.91
802.11n HT20	36	5180	2.68
	40	5200	5.08
	44	5220	4.81
	48	5240	4.86
802.11n HT40	38	5190	0.82
	46	5230	4.66
802.11ac VHT20	36	5180	2.72
	40	5200	4.79
	44	5220	5.12
	48	5240	4.89
802.11ac VHT40	38	5190	0.86
	46	5230	4.69
802.11ac VHT80	42	5210	0.8

Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	4.71
	56	5280	4.68
	60	5300	1.94
	64	5320	1.81
802.11n HT20	52	5260	4.65
	56	5280	4.59
	60	5300	1.82
	64	5320	1.41
802.11n HT40	54	5270	4.15
	62	5310	-0.12
802.11ac VHT20	52	5260	4.69
	56	5280	4.62
	60	5300	1.84
	64	5320	1.46
802.11ac VHT40	54	5270	4.19
	62	5310	-0.08
802.11ac VHT80	58	5290	-0.34

Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	-0.31
	116	5580	2.28
	120	5600	2.17
	124	5620	2.21
	132	5660	-0.42
	140	5700	-0.4
	144	5720	-0.28
802.11n HT20	100	5500	-1.58
	116	5580	1.32
	120	5600	1.27
	124	5620	1.25
	132	5660	-0.93
	140	5700	-0.9
	144	5720	-0.71
802.11n HT40	102	5510	-2.68
	110	5550	1.32
	118	5590	1.29
	126	5630	1.3
	134	5670	-2.85
	142	5710	-1.72
802.11ac VHT20	100	5500	-1.41
	116	5580	1.36
	120	5600	1.31
	124	5620	1.29
	132	5660	-0.91
	140	5700	-0.87
	144	5720	-0.68
802.11ac VHT40	102	5510	-2.64
	110	5550	1.35
	118	5590	1.32
	126	5630	1.29
	134	5670	-2.81
	142	5710	-1.65
802.11ac VHT80	106	5530	-2.71
	122	5610	-3.06
	138	5690	-2.57

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	-0.22
	153	5765	0.67
	157	5785	2.95
	161	5805	0.69
	165	5825	0.75
802.11n HT20	149	5745	-0.65
	153	5765	1.57
	157	5785	2.89
	161	5805	2.43
	165	5825	2.46
802.11n HT40	151	5755	-1.64
	159	5795	-1.45
802.11ac VHT20	149	5745	-0.62
	153	5765	0.57
	157	5785	2.92
	161	5805	1.47
	165	5825	0.5
802.11ac VHT40	151	5755	-1.61
	159	5795	-1.42
802.11ac VHT80	155	5775	-1.46

Appendix F. SAR and 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	Horizontal Up	5	6	Ant 0	100.00	1.00	9.50	9.22	1.07	0.18	0.143	0.15
1	WLAN2.4G	802.11b	Horizontal Down	5	6	Ant 0	100.00	1.00	9.50	9.22	1.07	0.04	0.413	0.44
	WLAN2.4G	802.11b	Vertical Front	5	6	Ant 0	100.00	1.00	9.50	9.22	1.07	-0.02	0.096	0.10
	WLAN2.4G	802.11b	Vertical Back	5	6	Ant 0	100.00	1.00	9.50	9.22	1.07	0.02	0.051	0.05
	WLAN2.4G	802.11b	Tip Mode	5	6	Ant 0	100.00	1.00	9.50	9.22	1.07	0.12	0.115	0.12
	WLAN2.4G	802.11b	Horizontal Down	5	1	Ant 0	100.00	1.00	8.00	7.81	1.04	-0.16	0.299	0.31
	WLAN2.4G	802.11b	Horizontal Down	5	11	Ant 0	100.00	1.00	8.00	7.71	1.07	0.05	0.271	0.29
	WLAN5.3G	802.11a	Horizontal Up	5	52	Ant 0	96.55	1.04	5.00	4.71	1.07	0.01	0.266	0.30
2	WLAN5.3G	802.11a	Horizontal Down	5	52	Ant 0	96.55	1.04	5.00	4.71	1.07	-0.08	0.362	0.40
	WLAN5.3G	802.11a	Vertical Front	5	52	Ant 0	96.55	1.04	5.00	4.71	1.07	0.03	0.083	0.09
	WLAN5.3G	802.11a	Vertical Back	5	52	Ant 0	96.55	1.04	5.00	4.71	1.07	0.08	0.057	0.06
	WLAN5.3G	802.11a	Tip Mode	5	52	Ant 0	96.55	1.04	5.00	4.71	1.07	-0.14	0.262	0.29
	WLAN5.3G	802.11a	Horizontal Down	5	56	Ant 0	96.55	1.04	5.00	4.68	1.08	0.02	0.346	0.39
	WLAN5.3G	802.11a	Horizontal Down	5	60	Ant 0	96.55	1.04	2.00	1.94	1.01	-0.04	0.221	0.23
	WLAN5.3G	802.11a	Horizontal Down	5	64	Ant 0	96.55	1.04	2.00	1.81	1.04	0.09	0.219	0.24
	WLAN5.6G	802.11a	Horizontal Up	5	116	Ant 0	96.55	1.04	3.00	2.28	1.18	0.06	0.074	0.09
4	WLAN5.6G	802.11a	Horizontal Down	5	116	Ant 0	96.55	1.04	3.00	2.28	1.18	0.08	0.117	0.14
	WLAN5.6G	802.11a	Vertical Front	5	116	Ant 0	96.55	1.04	3.00	2.28	1.18	-0.08	0.016	0.02
	WLAN5.6G	802.11a	Vertical Back	5	116	Ant 0	96.55	1.04	3.00	2.28	1.18	0.06	0.019	0.02
	WLAN5.6G	802.11a	Tip Mode	5	116	Ant 0	96.55	1.04	3.00	2.28	1.18	-0.03	0.103	0.13
	WLAN5.6G	802.11a	Horizontal Down	5	100	Ant 0	96.55	1.04	-0.25	-0.31	1.01	0.09	0.055	0.06
	WLAN5.6G	802.11a	Horizontal Down	5	120	Ant 0	96.55	1.04	3.00	2.17	1.21	0.04	0.095	0.12
	WLAN5.6G	802.11a	Horizontal Down	5	124	Ant 0	96.55	1.04	3.00	2.21	1.20	-0.05	0.089	0.11
	WLAN5.6G	802.11a	Horizontal Down	5	132	Ant 0	96.55	1.04	-0.25	-0.42	1.04	-0.17	0.053	0.06
	WLAN5.6G	802.11a	Horizontal Down	5	140	Ant 0	96.55	1.04	-0.25	-0.4	1.04	0.16	0.056	0.06
	WLAN5.6G	802.11a	Horizontal Down	5	144	Ant 0	96.55	1.04	-0.25	-0.28	1.01	0.14	0.051	0.05

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)
	WLAN5.8G	802.11a	Horizontal Up	5	157	Ant 0	96.55	1.04	3.00	2.95	1.01	0.01	0.024	0.03
5	WLAN5.8G	802.11a	Horizontal Down	5	157	Ant 0	96.55	1.04	3.00	2.95	1.01	-0.09	0.04	0.04
	WLAN5.8G	802.11a	Vertical Front	5	157	Ant 0	96.55	1.04	3.00	2.95	1.01	-0.18	0.00594	0.01
	WLAN5.8G	802.11a	Vertical Back	5	157	Ant 0	96.55	1.04	3.00	2.95	1.01	-0.06	0.0081	0.01
	WLAN5.8G	802.11a	Tip Mode	5	157	Ant 0	96.55	1.04	3.00	2.95	1.01	-0.02	0.032	0.03
	WLAN5.8G	802.11a	Horizontal Down	5	149	Ant 0	96.55	1.04	1.00	-0.22	1.32	0.04	0.014	0.02
	WLAN5.8G	802.11a	Horizontal Down	5	153	Ant 0	96.55	1.04	1.00	0.67	1.08	0.02	0.011	0.01
	WLAN5.8G	802.11a	Horizontal Down	5	161	Ant 0	96.55	1.04	1.00	0.69	1.07	0.06	0.013	0.01
	WLAN5.8G	802.11a	Horizontal Down	5	165	Ant 0	96.55	1.04	1.00	0.75	1.06	0.03	0.016	0.02
	BT	BR / EDR	Horizontal Up	5	39	Ant 0	77.07	1.30	2.00	1.85	1.04	0	<0.001	0.00
6	BT	BR / EDR	Horizontal Down	5	39	Ant 0	77.07	1.30	2.00	1.85	1.04	0	<0.001	0.00
	BT	BR / EDR	Vertical Front	5	39	Ant 0	77.07	1.30	2.00	1.85	1.04	0	<0.001	0.00
	BT	BR / EDR	Vertical Back	5	39	Ant 0	77.07	1.30	2.00	1.85	1.04	0	<0.001	0.00
	BT	BR / EDR	Tip Mode	5	39	Ant 0	77.07	1.30	2.00	1.85	1.04	0	<0.001	0.00
	BT	BR / EDR	Horizontal Down	5	0	Ant 0	77.07	1.30	-2.5	-2.87	1.09	0	<0.001	0.00
	BT	BR / EDR	Horizontal Down	5	78	Ant 0	77.07	1.30	-0.5	-0.53	1.01	0	<0.001	0.00

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 + WLAN 5G_Ant0 + BT_Ant0	Yes

Simultaneous Transmission SAR Evaluation				
Position	1	2	3	A(1+2+3)
	WLAN 2.4GHz Ant 0	**Max WLAN 5GHz Ant 0**	**Max BT Ant 0**	Summimg result 1g SAR W/kg
	1g SAR W/kg	**1g SAR W/kg**	**1g SAR W/kg**	
Horizontal Up	0.15	0.30	0.00	0.45
Horizontal Down	0.44	0.40	0.00	0.84
Vertical Front	0.10	0.09	0.00	0.19
Vertical Back	0.05	0.06	0.00	0.11
Tip Mode	0.12	0.29	0.00	0.41