
Appendix C – Highest Test Plots

Test Date : 2024-10-14 | Ambient Temp : 22.4 °C | Tissue Temp : 21.8 °C

Test Mode**1_WLAN2.4G_802.11b_Top Side_0mm_Ch11_Ant 0_Keyboard_w****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Tablet

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 2.4GHz	WLAN, 10012 - CAB	2462.000, 11	7.25	1.90	39.1

Hardware Setup

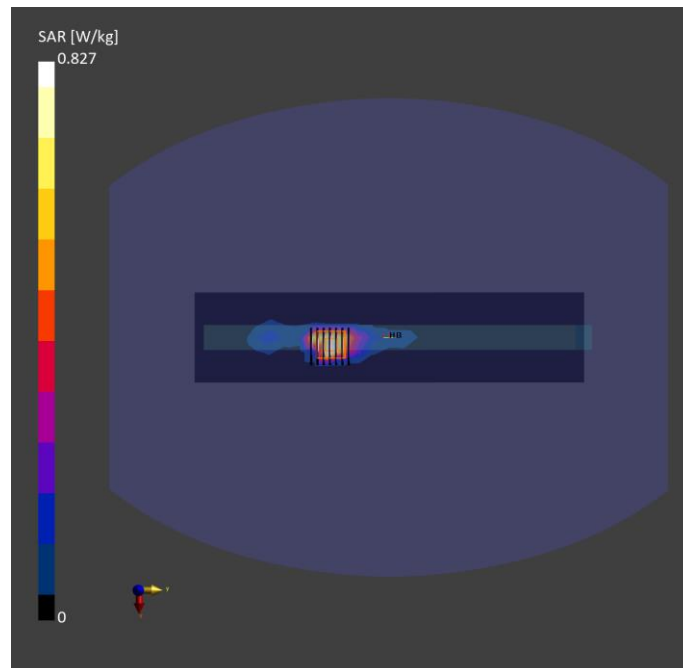
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 312.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.742	1.11
psSAR-10g [W/kg]	0.338	0.393
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		41.2
Dist 3dB Peak [mm]		5.4



Test Date : 2024-10-15 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode**2_WLAN5.3G_802.11a_Top Side of Display Screen_25mm_Ch56_Ant 0_Keyboard_w****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10062 - CAE	5280.000, 56	5.56	4.52	34.5

Hardware Setup

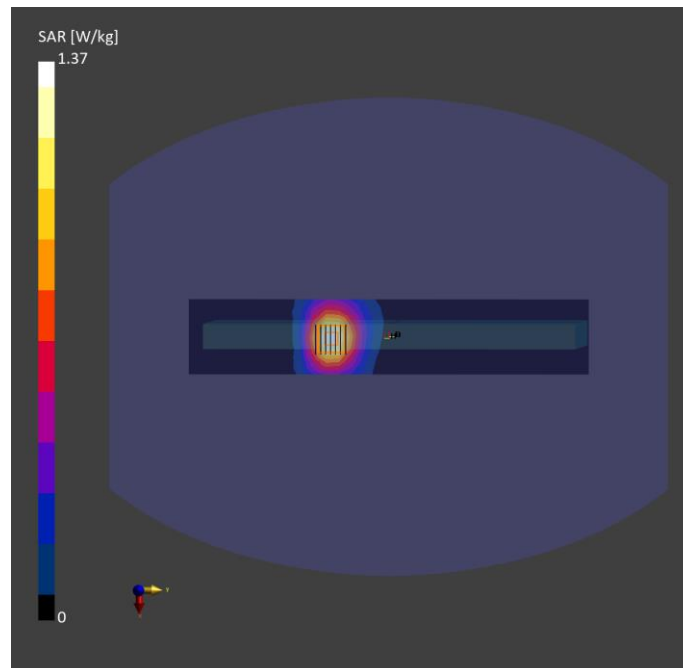
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 310.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	1.08	1.15
psSAR-10g [W/kg]	0.473	0.497
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.0
Dist 3dB Peak [mm]		12.0



Test Date : 2024-10-16 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

Test Mode**3_WLAN5.6G_802.11ac VHT160_Top Side_0mm_Ch114_Ant 0_Keyboard_w****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Tablet

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAE	5570.000, 114	5.07	4.95	34.6

Hardware Setup

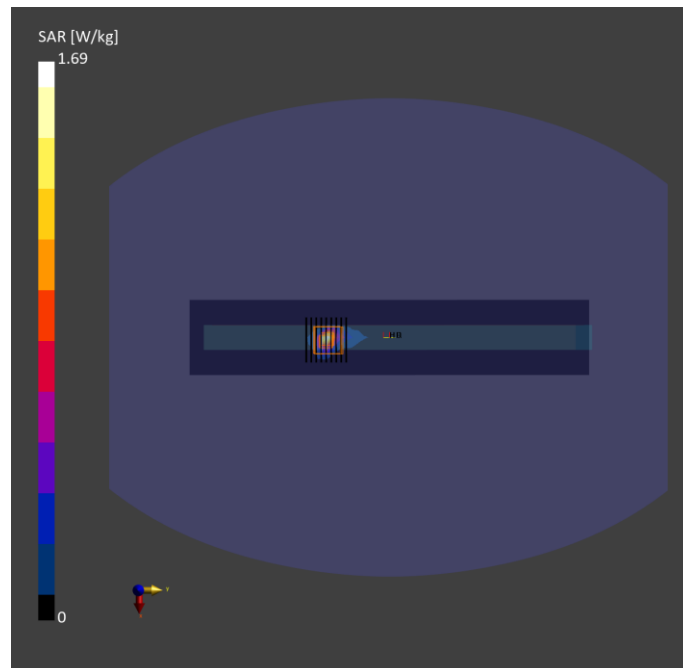
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 310.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.954	1.16
psSAR-10g [W/kg]	0.231	0.258
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.0
Dist 3dB Peak [mm]		4.7



Test Date : 2024-10-17 | Ambient Temp : 22.5 °C | Tissue Temp : 22.0 °C

Test Mode**4_WLAN5.8G_802.11ac VHT80_Top Side_0mm_Ch155_Ant 0_Keyboard_w****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Tablet

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10544 - AAD	5775.000, 155	5.01	5.01	33.7

Hardware Setup

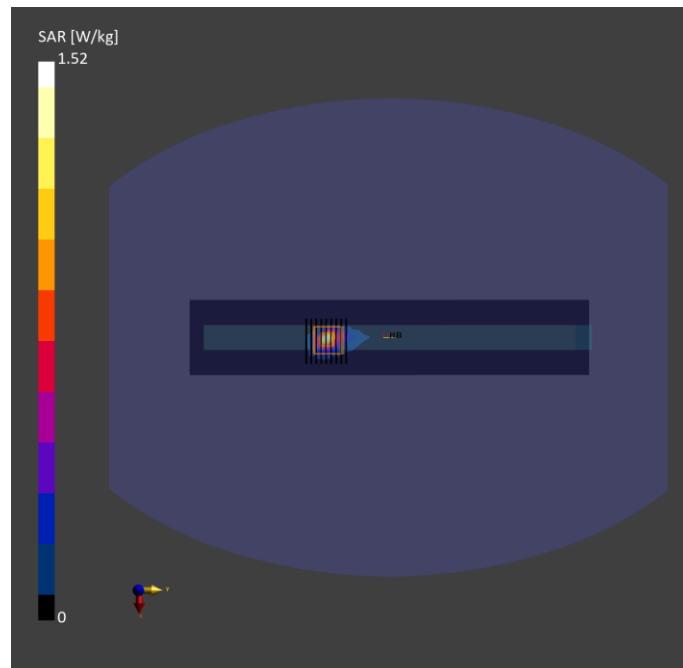
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 310.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.905	1.09
psSAR-10g [W/kg]	0.237	0.263
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.1
Dist 3dB Peak [mm]		4.9



Test Date : 2024-10-18 | Ambient Temp : 22.6 °C | Tissue Temp : 22.0 °C

Test Mode**5_WLAN5.9G_802.11n HT40_Top Side of Display Screen_25mm_Ch175_Ant 0_Keyboard_w****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10599 - AAD	5875.000, 175	5.01	5.16	33.1

Hardware Setup

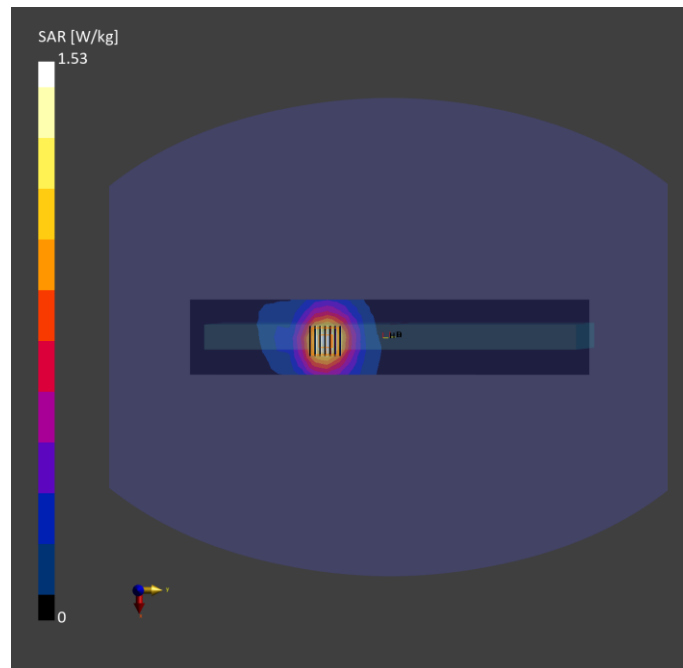
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 310.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	1.17	1.17
psSAR-10g [W/kg]	0.499	0.529
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.2
Dist 3dB Peak [mm]		12.0



Test Date : 2024-10-14 | Ambient Temp : 22.4 °C | Tissue Temp : 21.8 °C

Test Mode**6_Bluetooth_GSKF_Bottom Surface_0mm_Ch39_Ant 1_Keyboard_w_o****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Tablet

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10032 - CAA	2441.000, 39	7.25	1.88	39.1

Hardware Setup

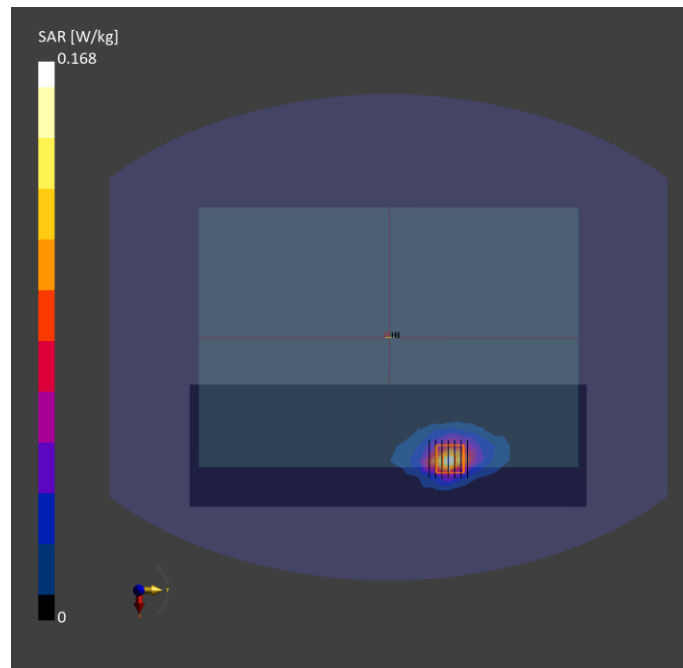
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 312.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.125	0.123
psSAR-10g [W/kg]	0.058	0.056
Power Drift [dB]		0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		42.5
Dist 3dB Peak [mm]		8.0



Test Date : 2024-10-21 | Ambient Temp : 22.3 °C | Tissue Temp : 21.4 °C

Test Mode**7_U-NII 5_802.11a_Top Side of Display Screen_25mm_Ch45_Ant 0+1_Keyboard_w****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-5	WLAN, 10062 - CAE	6175.000, 45	5.25	5.46	33.1

Hardware Setup

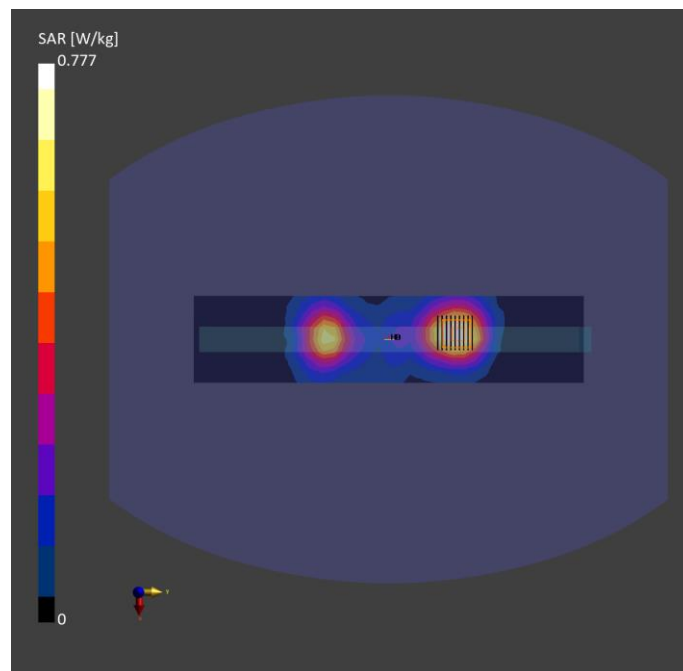
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 306.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.637	0.559
psSAR-10g [W/kg]	0.269	0.233
psAPD (1.0 cm ² , sq) [W/m ²]		5.59
psAPD (4.0 cm ² , sq) [W/m ²]		5.10
Power Drift [dB]		0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.3
Dist 3dB Peak [mm]		17.0



Test Date : 2024-10-29 | Ambient Temp : 22.2 °C

Test Mode**8_U-NII 5_802.11a_Top Side of Display Screen_25mm_Ch45_Ant 0+1_Keyboard_w****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GZ302E	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10062 - CAE	6175.0, 45	1.0

Hardware Setup

Phantom	Medium	Probe Calibration Date	DAE Calibration Date
mmWave - 1102	Air	EUmmWV4 - SN9639_F1-55GHz / 2024-09-16	DAE4 Sn1742 / 2024-08-15

Scan Setup

	5G Scan
Grid Extents [mm]	97.0 x 97.0
Grid Steps [mm]	0.0515 x 0.0515
Sensor Surface [mm]	25.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	8.19
psPD tot+ [W/m ²]	8.80
psPD mod+ [W/m ²]	8.84
Peak PD tot [W/m ²]	9.41
Power Drift [dB]	-0.03

