

Appendix C – Highest Test Plots

Test Date : 2025-03-08 | Ambient Temp : 21.8 °C | Tissue Temp : 21.5 °C

Test Mode

1_WLAN2.4G_802.11b_Front Edge of laptop_0mm_Ch1_Ant 0_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

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	2412.000, 1	7.09	1.85	38.7

Hardware Setup

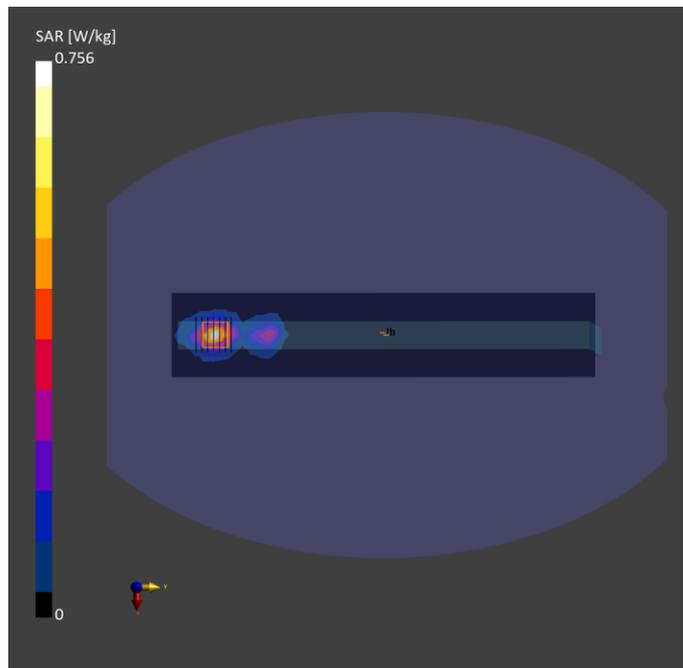
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 360.0	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]	0.543	0.565
psSAR-10g [W/kg]	0.229	0.242
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		48.6
Dist 3dB Peak [mm]		8.0



Test Date : 2025-03-09 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

Test Mode

2_WLAN5.3G_802.1n_HT40_Front Edge of laptop_0mm_Ch62_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	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	5310.000, 62	5.27	4.44	35.2

Hardware Setup

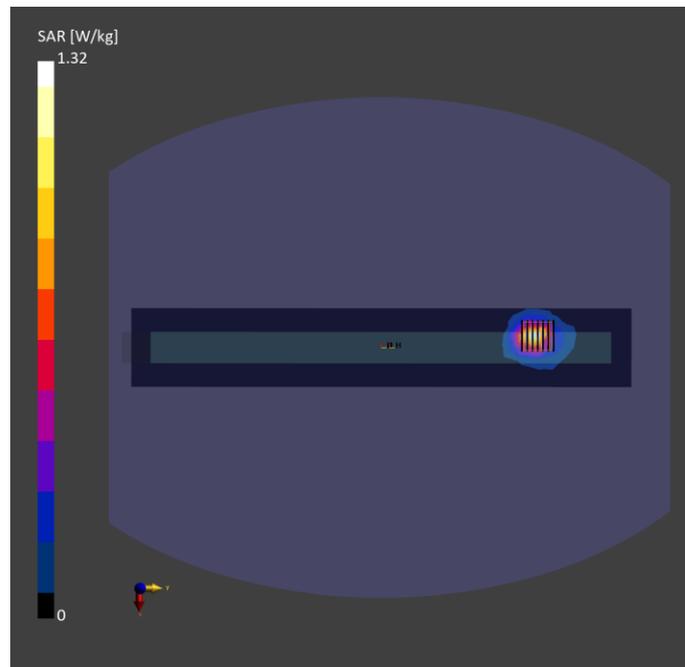
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 380.0	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]	0.934	1.11
psSAR-10g [W/kg]	0.311	0.342
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.0
Dist 3dB Peak [mm]		7.2



Test Date : 2025-03-09 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

Test Mode

3_WLAN5.6G_802.1ac_VHT80_Front Edge of laptop_0mm_Ch106_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

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	5530.000, 106	4.7	4.68	34.8

Hardware Setup

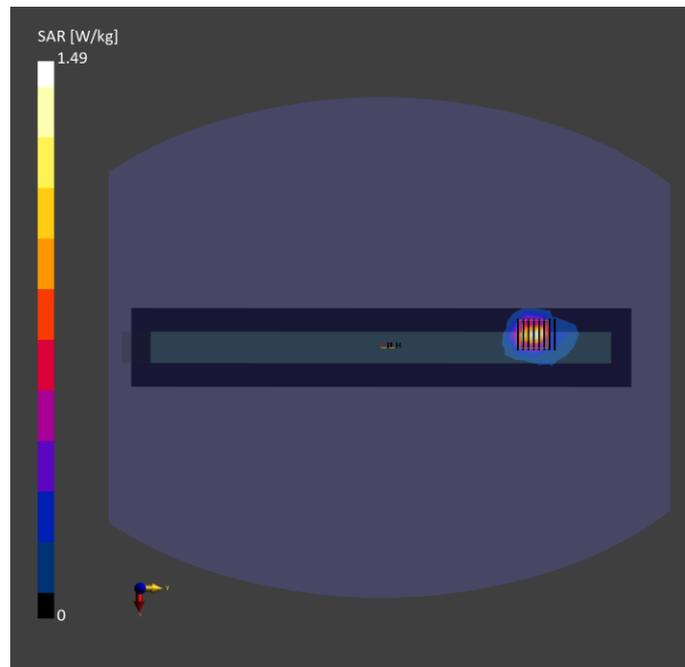
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 380.0	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]	1.02	1.09
psSAR-10g [W/kg]	0.329	0.349
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.7
Dist 3dB Peak [mm]		7.3



Test Date : 2025-03-09 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

Test Mode

4_WLAN5.8G_802.1ac_VHT80_Front Edge of laptop_0mm_Ch171_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

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	5855.000, 171	4.73	5.03	34.3

Hardware Setup

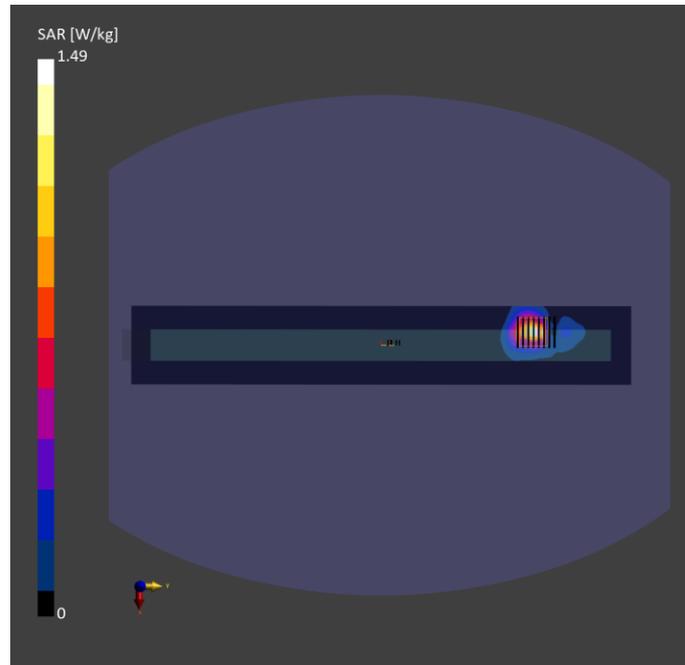
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 380.0	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]	0.872	0.992
psSAR-10g [W/kg]	0.286	0.305
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.6
Dist 3dB Peak [mm]		7.4



Test Date : 2025-03-08 | Ambient Temp : 21.8 °C | Tissue Temp : 21.5 °C

Test Mode

5_Bluetooth_LE 1Mbps_Front Edge of laptop_0mm_Ch39_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

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	2480.000, 39	7.09	1.9	38.6

Hardware Setup

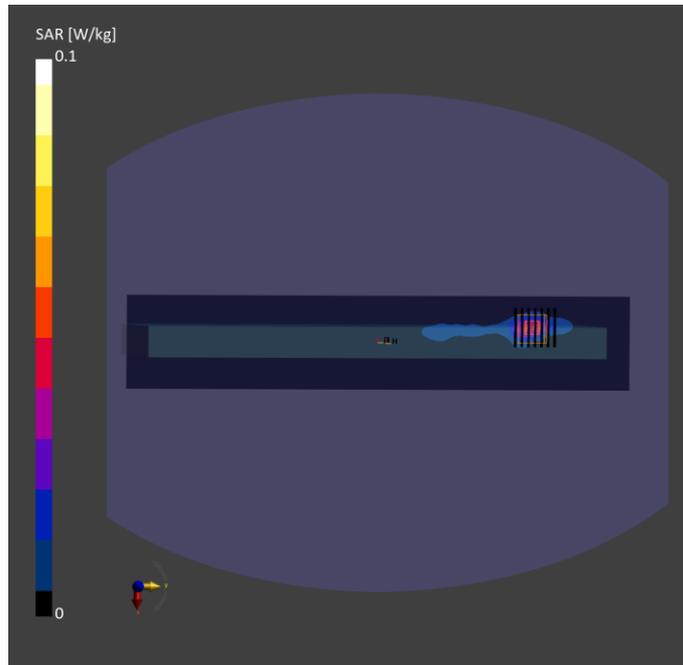
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 384.0	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]	0.036	0.036
psSAR-10g [W/kg]	0.015	0.013
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		45.4
Dist 3dB Peak [mm]		6.8



Test Date : 2025-03-08 | Ambient Temp : 21.8 °C | Tissue Temp : 21.5 °C

Test Mode

6_U-NII 5_802.11ax HE160_Front Edge of laptop_0mm_Ch15_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	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, 10755 - AAC	6025.000, 15	4.64	5.53	34.5

Hardware Setup

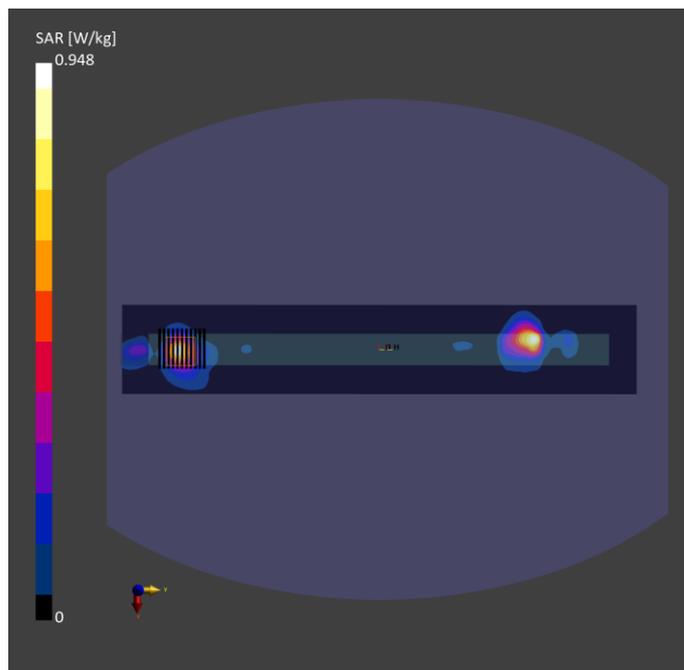
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 391.0	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]	0.301	0.361
psSAR-10g [W/kg]	0.095	0.113
psAPD (1.0 cm ² , sq) [W/m ²]		3.61
psAPD (4.0 cm ² , sq) [W/m ²]		2.59
Power Drift [dB]		-0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.1
Dist 3dB Peak [mm]		8.0



Test Date : 2025-03-08 | Ambient Temp : 21.8 °C | Tissue Temp : 21.5 °C

Test Mode

7_WLAN2.4G_802.11b_Top Side of keyboard_0mm_Ch6_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

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	2437.000, 6	7.09	1.87	38.6

Hardware Setup

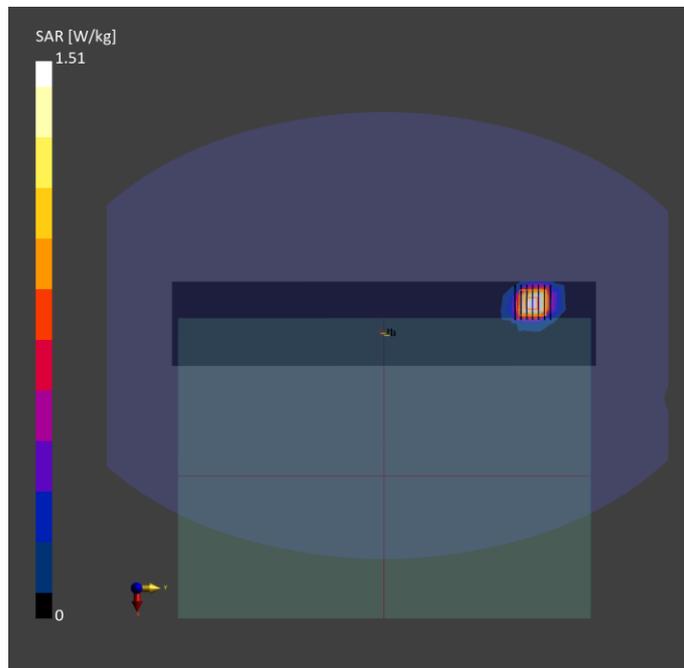
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 360.0	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]	1.48	1.69
psSAR-10g [W/kg]	0.710	0.737
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		48.9
Dist 3dB Peak [mm]		9.0



Test Date : 2025-03-09 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

Test Mode

8_WLAN5.3G_802.1n_HT40_Top Side of the keyboard_0mm_Ch54_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	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	5270.000, 54	5.27	4.41	35.2

Hardware Setup

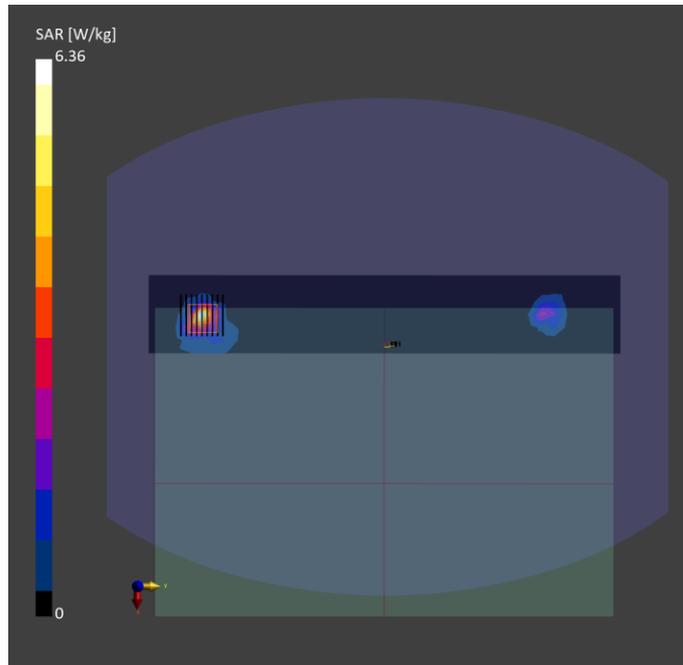
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 360.0	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]	3.96	4.55
psSAR-10g [W/kg]	1.23	1.34
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.6
Dist 3dB Peak [mm]		6.9



Test Date : 2025-03-09 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

Test Mode

9_WLAN5.6G_802.1ac_VHT80_Top Side of the keyboard_0mm_Ch138_Ant 0_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

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	5690.000, 138	4.7	4.85	34.5

Hardware Setup

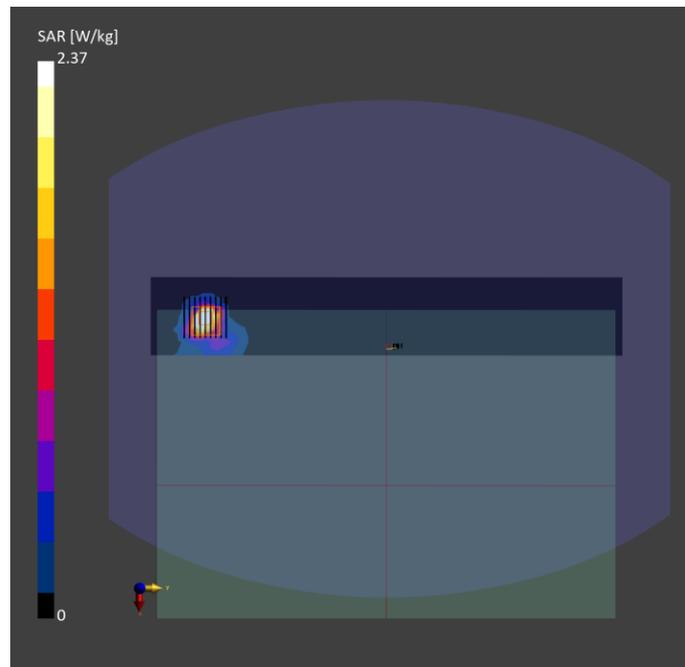
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 360.0	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]	2.42	2.91
psSAR-10g [W/kg]	0.725	0.832
Power Drift [dB]		0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.6
Dist 3dB Peak [mm]		6.5



Test Date : 2025-03-09 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

Test Mode

10_WLAN5.8G_802.1ac_VHT80_Top Side of the keyboard_0mm_Ch171_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

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	5855.000, 171	4.73	5.03	34.3

Hardware Setup

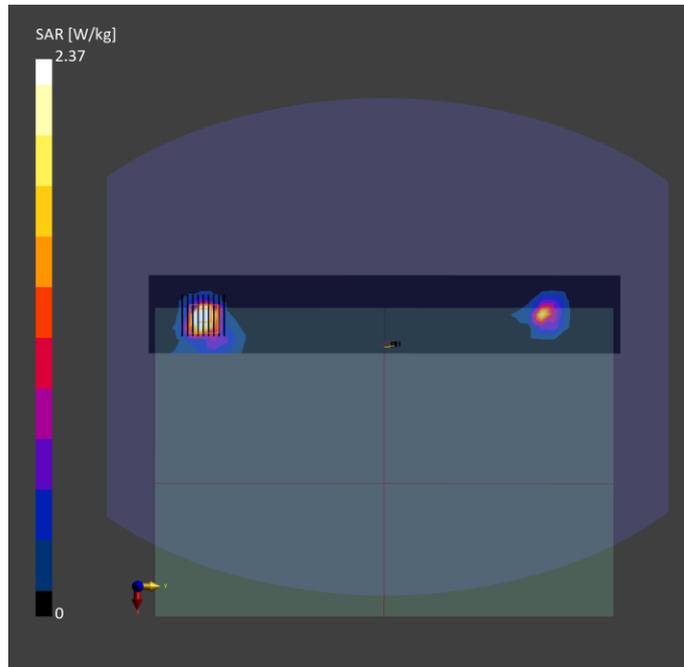
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 360.0	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]	2.58	3.10
psSAR-10g [W/kg]	0.775	0.880
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.7
Dist 3dB Peak [mm]		6.5



Test Date : 2025-03-08 | Ambient Temp : 21.8 °C | Tissue Temp : 21.5 °C

Test Mode

12_U-NII 5_802.11ax HE160_Top Side of the keyboard_0mm_Ch47_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	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, 10755 - AAC	6185.000, 47	4.64	5.73	34.2

Hardware Setup

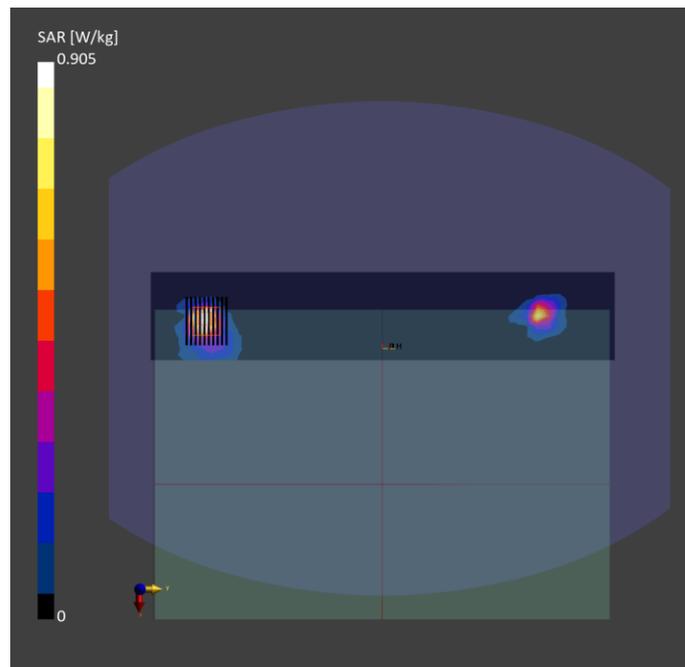
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.5 x 357.0	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]	1.05	1.19
psSAR-10g [W/kg]	0.295	0.331
psAPD (1.0 cm ² , sq) [W/m ²]		11.9
psAPD (4.0 cm ² , sq) [W/m ²]		7.62
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.6
Dist 3dB Peak [mm]		5.7



Test Date : 2025-03-14 | Ambient Temp : 22.2 °C

Test Mode

13_U-NII 5_802.11ax HE160_Front Edge of laptop_2mm_Ch15_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10755 - AAC	6025.0, 15	1.0

Hardware Setup

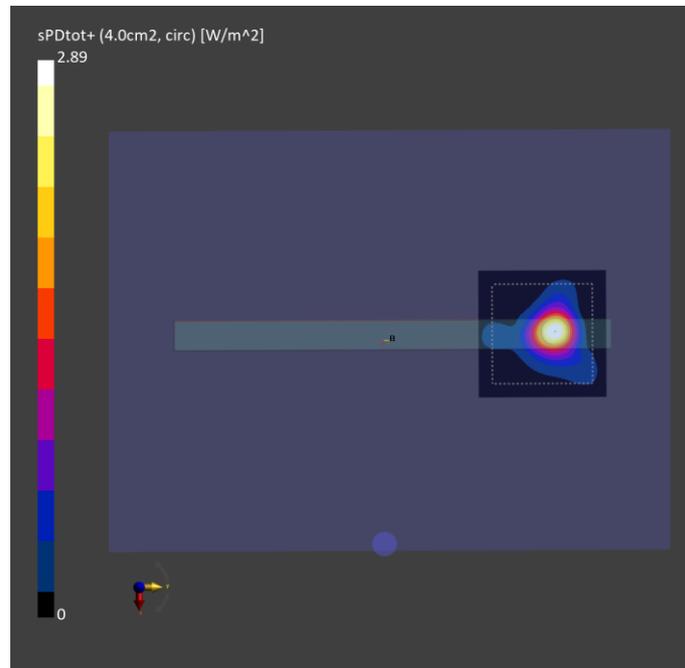
Phantom	Medium	Probe Calibration Date	DAE Calibration Date
mmWave - 1102	Air	EUmmWV4 - SN9639_F1-55GHz / 2024-09-16	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		V3.2.2.2358	

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [mm]	0.0502 x 0.0502
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	2.22
psPD tot+ [W/m ²]	2.89
psPD mod+ [W/m ²]	3.34
Peak PD tot [W/m ²]	4.73
Power Drift [dB]	-0.15



Test Date : 2025-03-16 | Ambient Temp : 22.2 °C

Test Mode

14_U-NII 5_802.11ax HE160_Top Side of keyboard_2mm_Ch47_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FA608	A004	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10755 - AAC	6185.0, 47	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
Measurement Software Version		V3.2.2.2358	

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [mm]	0.0502 x 0.0502
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	2.27
psPD tot+ [W/m ²]	5.70
psPD mod+ [W/m ²]	6.53
Peak PD tot [W/m ²]	12.9
Power Drift [dB]	0.13

