

Appendix C – Highest Test Plots

Test Date : 2025-12-29 | Ambient Temp : 22.1 °C | Tissue Temp : 21.6 °C

Test Mode**1_WLAN2.4G_802.11b_Bottom of laptop_0mm_Ch1_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 2.4GHz	WLAN, 10012 - CAB	2412.000, 1	6.6	38.9	1.77

Hardware Setup

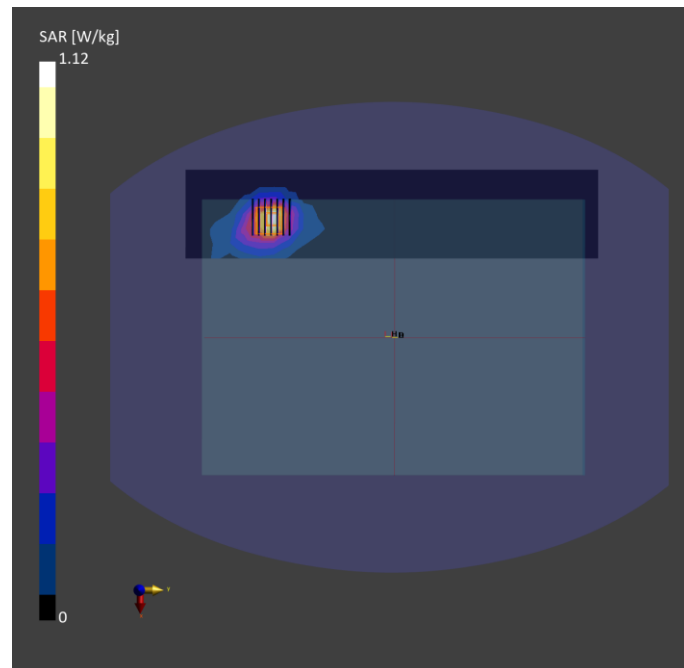
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 324.0	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]	0.909	0.942
psSAR-10g [W/kg]	0.452	0.446
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		49.0
Dist 3dB Peak [mm]		13.5



Test Date : 2025-12-30 | Ambient Temp : 22.4 °C | Tissue Temp : 22.0 °C

Test Mode**2_WLAN5.3G_802.11ax HE160_Front Edge of laptop_0mm_Ch50_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 5GHz	WLAN, 10755 - AAC	5250.000, 50	4.93	34.4	4.40

Hardware Setup

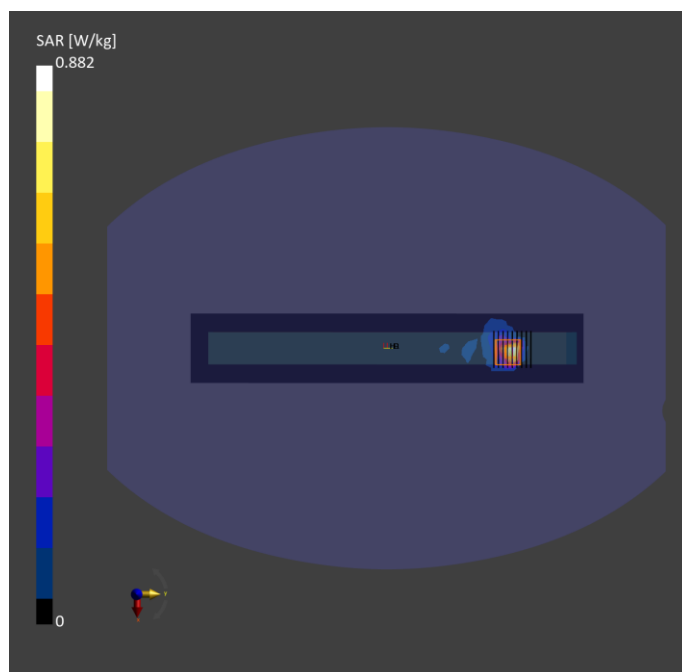
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 330.0	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]	0.611	0.881
psSAR-10g [W/kg]	0.187	0.228
Power Drift [dB]		0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.7
Dist 3dB Peak [mm]		6.3



Test Date : 2025-12-31 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode**3_WLAN5.6G_802.11ac_VHT160_Front Edge of laptop_0mm_Ch114_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 5GHz	WLAN, 10554 - AAD	5570.000, 114	4.56	33.8	4.74

Hardware Setup

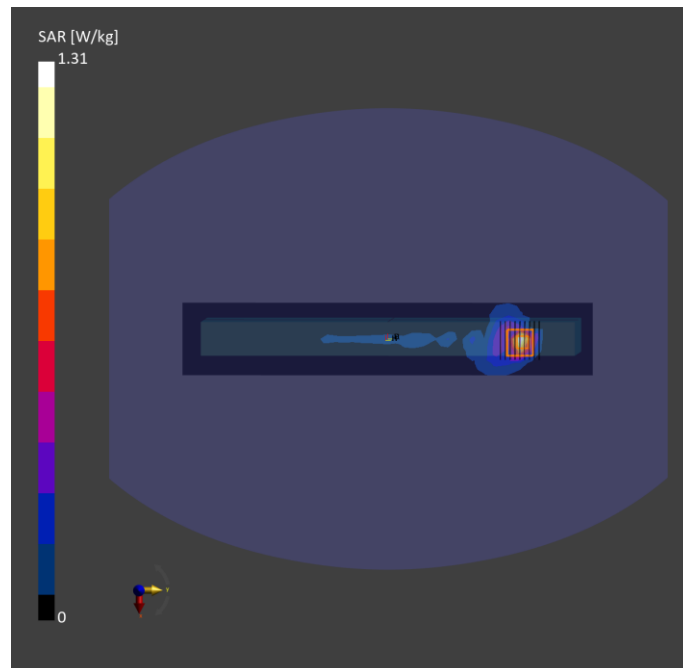
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 330.0	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]	0.861	1.10
psSAR-10g [W/kg]	0.267	0.307
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.6
Dist 3dB Peak [mm]		6.3



Test Date : 2026-01-02 | Ambient Temp : 21.6 °C | Tissue Temp : 21.5 °C

Test Mode**4_WLAN5.8G_802.11ac VHT80_Front Edge of laptop_0mm_Ch155_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 5GHz	WLAN, 10544 - AAC	5775.000, 155	4.34	33.5	4.97

Hardware Setup

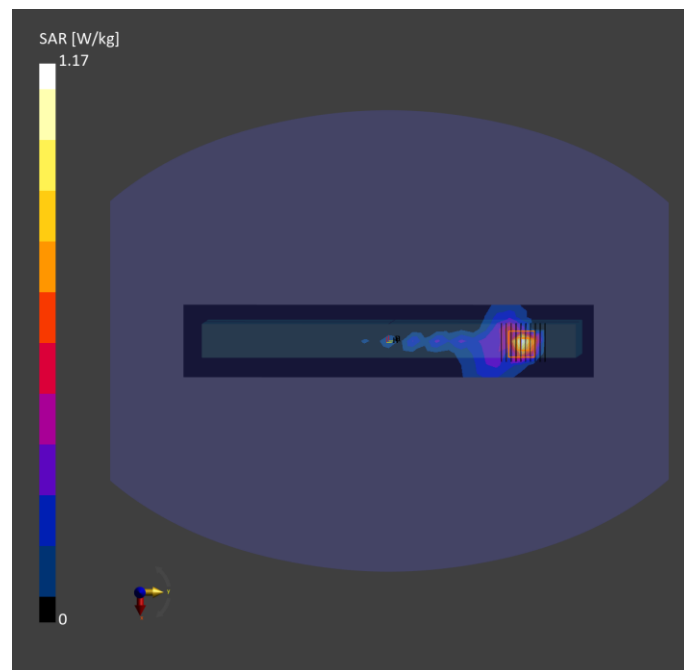
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 330.0	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]	0.829	1.08
psSAR-10g [W/kg]	0.268	0.293
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.4
Dist 3dB Peak [mm]		6.3



Test Date : 2025-12-29 | Ambient Temp : 22.1 °C | Tissue Temp : 21.6 °C

Test Mode**5_Bluetooth_GFSK_Bottom of laptop_0mm_Ch0_Ant 1_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	ISM 2.4 GHz Band	Bluetooth, 10032 - CAA	2402.000, 0	6.6	38.9	1.76

Hardware Setup

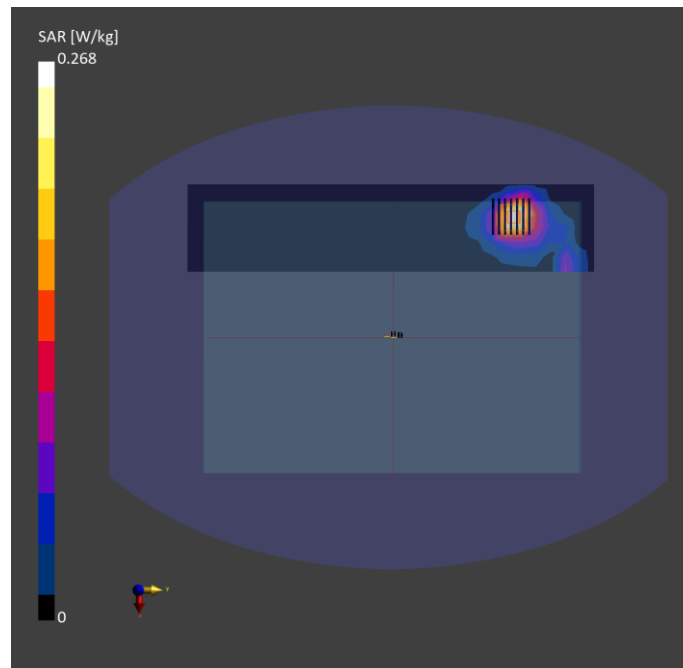
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 324.0	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]	0.237	0.260
psSAR-10g [W/kg]	0.123	0.127
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		45.7
Dist 3dB Peak [mm]		9.9



Test Date : 2025-12-29 | Ambient Temp : 22.1 °C | Tissue Temp : 21.6 °C

Test Mode**6_WLAN2.4G_802.11b_Top Side of the keyboard_0mm_Ch1_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 2.4GHz	WLAN, 10012 - CAB	2412.000, 1	6.6	38.9	1.77

Hardware Setup

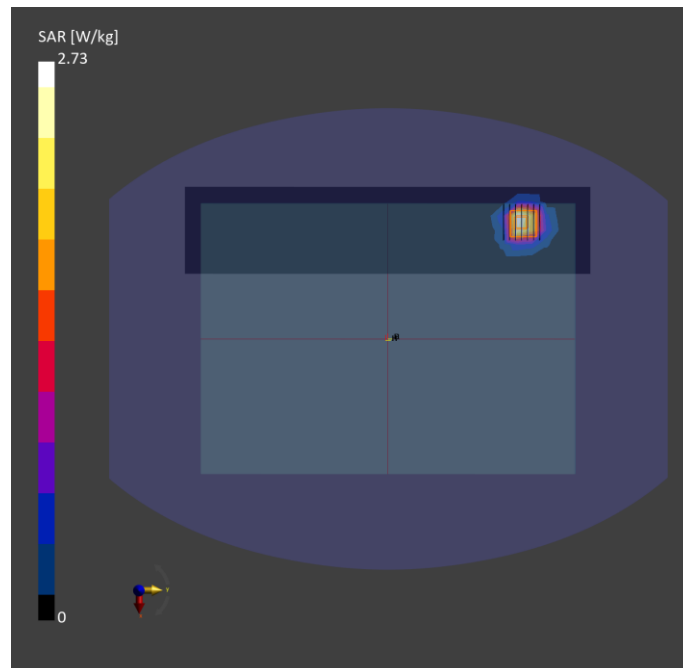
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 324.0	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]	2.37	2.42
psSAR-10g [W/kg]	1.13	1.14
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		39.0
Dist 3dB Peak [mm]		7.7



Test Date : 2025-12-30 | Ambient Temp : 22.4 °C | Tissue Temp : 22.0 °C

Test Mode**7_WLAN5.3G_802.11ax HE160_Top Side of the keyboard_0mm_Ch50_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 5GHz	WLAN, 10755 - AAC	5250.000, 50	4.93	34.4	4.40

Hardware Setup

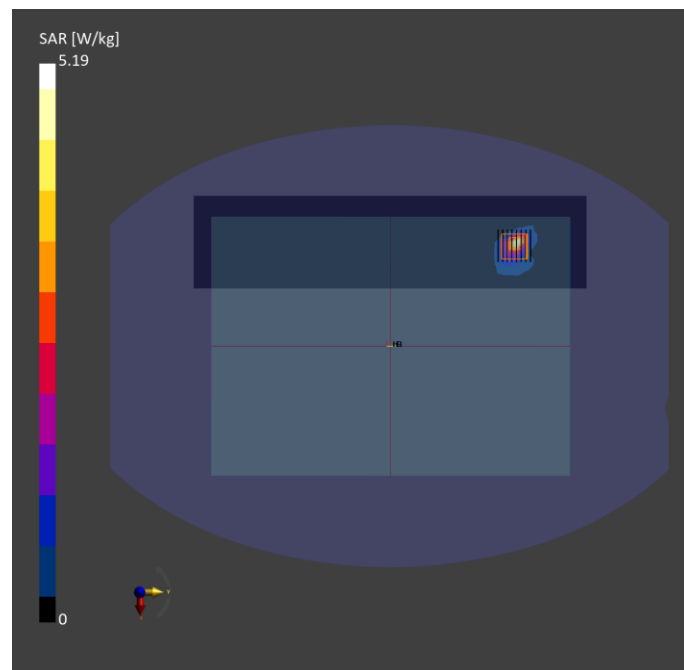
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 330.0	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]	3.07	3.51
psSAR-10g [W/kg]	0.891	0.971
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.0
Dist 3dB Peak [mm]		5.9



Test Date : 2025-12-31 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode**8_WLAN5.6G_802.11ac VHT160_Top Side of the keyboard_0mm_Ch114_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 5GHz	WLAN, 10554 - AAD	5570.000, 114	4.56	33.8	4.74

Hardware Setup

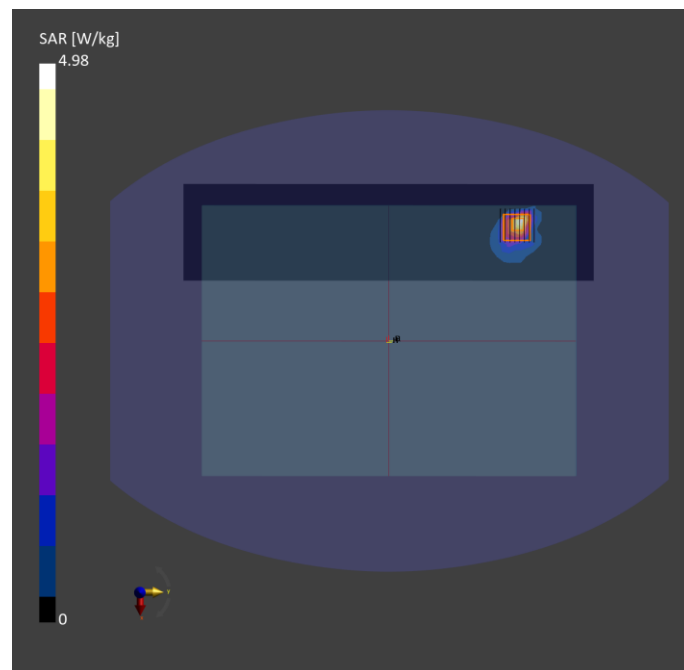
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 330.0	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]	3.43	4.73
psSAR-10g [W/kg]	1.08	1.34
Power Drift [dB]		0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.8
Dist 3dB Peak [mm]		6.1



Test Date : 2026-01-02 | Ambient Temp : 21.6 °C | Tissue Temp : 21.5 °C

Test Mode**9_WLAN5.8G_802.11ac VHT80_Top Side of the keyboard_0mm_Ch155_Ant 0_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	WLAN 5GHz	WLAN, 10544 - AAC	5775.000, 155	4.34	33.5	4.97

Hardware Setup

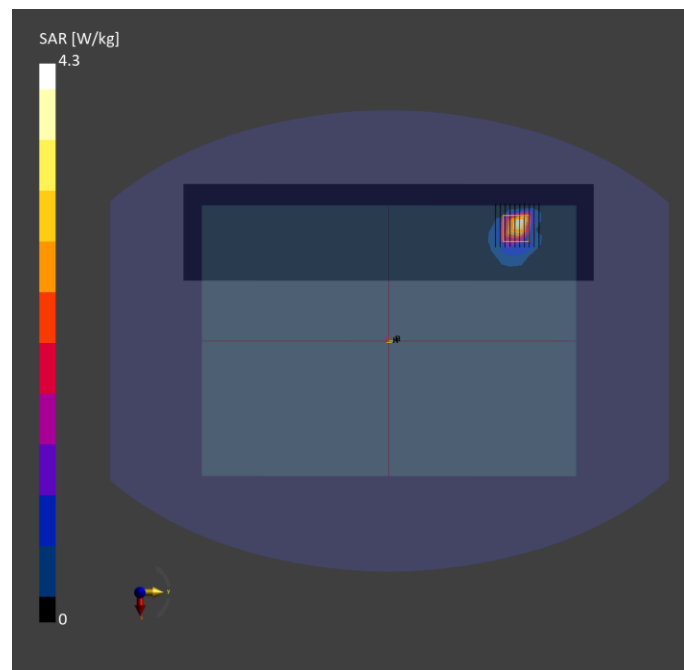
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 330.0	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]	3.08	4.08
psSAR-10g [W/kg]	0.986	1.17
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.5
Dist 3dB Peak [mm]		6.6



Test Date : 2025-12-29 | Ambient Temp : 22.1 °C | Tissue Temp : 21.6 °C

Test Mode**10_Bluetooth_GFSK_Top Side of the keyboard_0mm_Ch0_Ant 1_Sample Pulse****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1407A	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	ISM 2.4 GHz Band	Bluetooth, 10032 - CAA	2402.000, 0	6.6	38.9	1.76

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 324.0	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]	0.727	0.724
psSAR-10g [W/kg]	0.349	0.352
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		35.2
Dist 3dB Peak [mm]		6.5

