

Appendix C – Highest Test Plots

Test Date : 2025-12-31 | Ambient Temp : 22.4 °C | Tissue Temp : 21.2 °C

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

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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	7.17	38.5	1.75

Hardware Setup

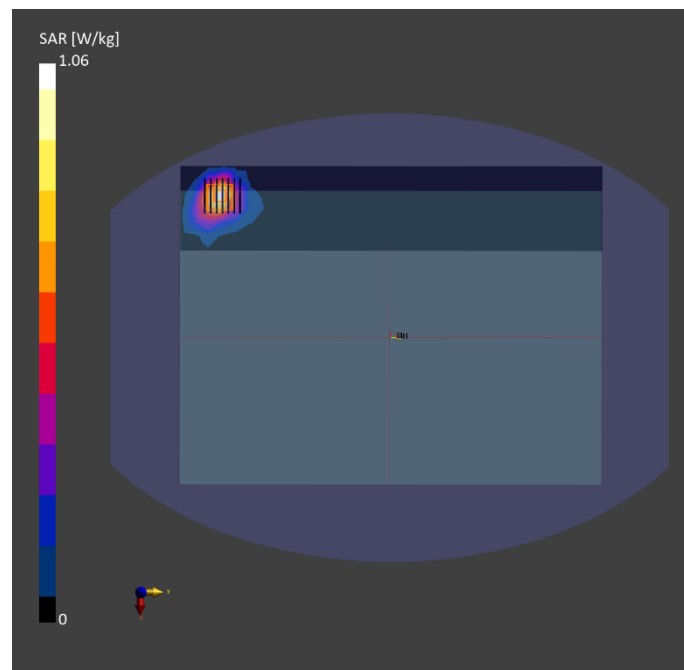
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

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]	0.843	0.898
psSAR-10g [W/kg]	0.426	0.436
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		47.9
Dist 3dB Peak [mm]		9.5



Test Date : 2026-01-01 | Ambient Temp : 22.6 °C | Tissue Temp : 21.5 °C

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

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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	5.78	34.4	4.40

Hardware Setup

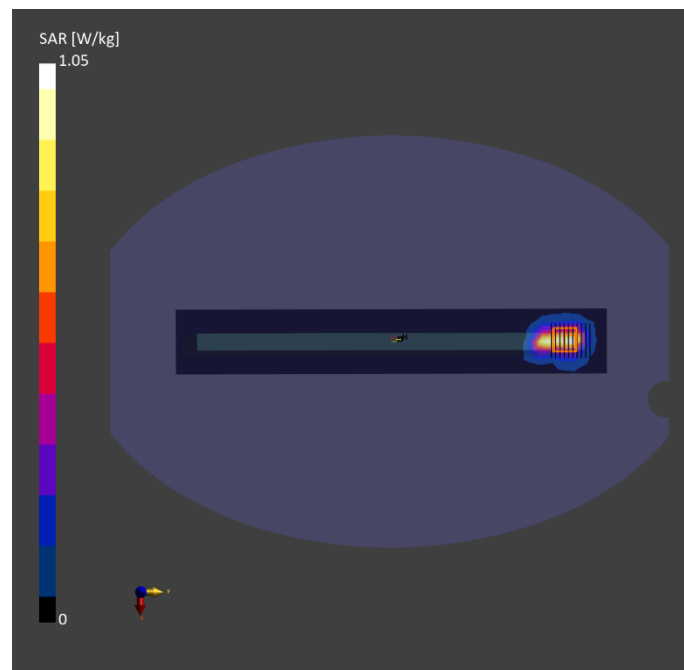
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 400.0	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]	0.732	0.901
psSAR-10g [W/kg]	0.269	0.314
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.3
Dist 3dB Peak [mm]		7.9



Test Date : 2026-01-02 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode

3_WLAN5.6G_802.11ac VHT160_Front Edge of laptop_0mm_Ch114_Ant 0_AWAN

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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 - AAE	5570.000, 114	5.21	33.6	4.77

Hardware Setup

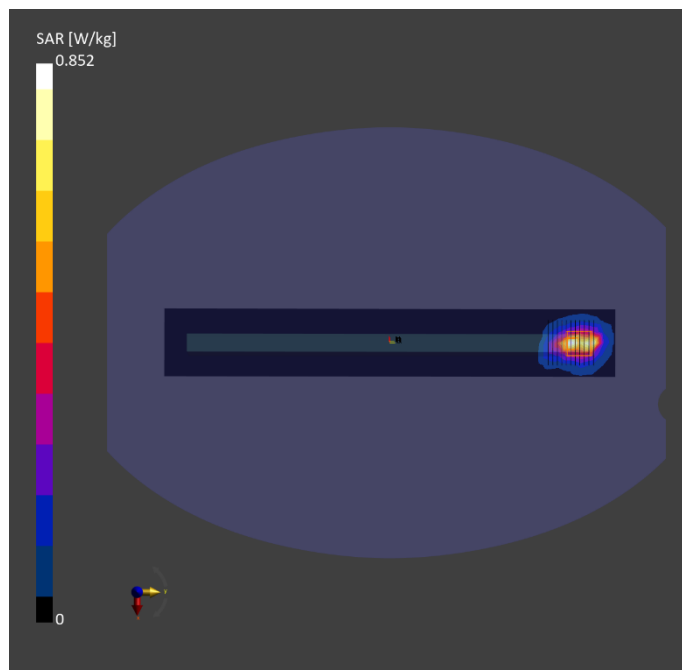
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 400.0	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]	0.574	0.570
psSAR-10g [W/kg]	0.217	0.215
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.4
Dist 3dB Peak [mm]		7.2



Test Date : 2026-01-01 | Ambient Temp : 22.7 °C | Tissue Temp : 21.4 °C

Test Mode**5_WLAN5.8G_802.11ac VHT80_Front Edge of laptop_0mm_Ch155_Ant 0_AWAN****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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 - AAD	5775.000, 155	5.21	33.5	4.97

Hardware Setup

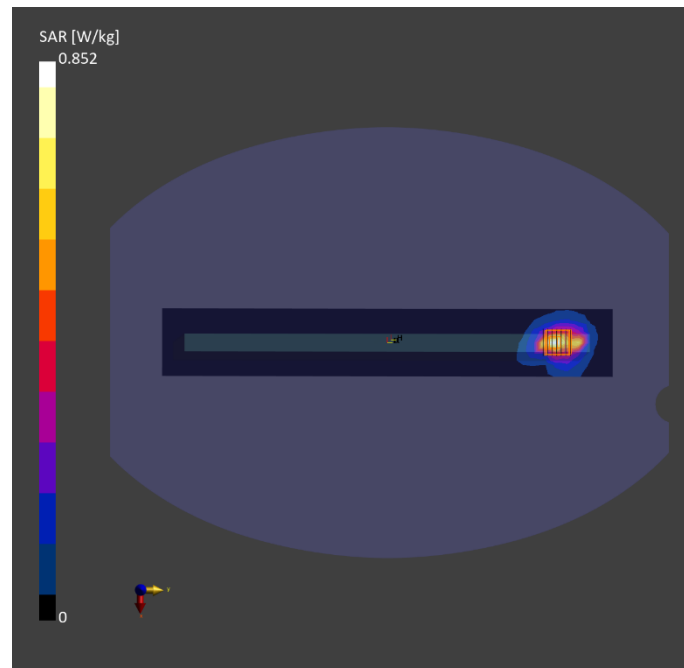
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 400.0	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]	0.659	0.832
psSAR-10g [W/kg]	0.243	0.277
Power Drift [dB]		-0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.0
Dist 3dB Peak [mm]		6.9



Test Date : 2025-12-31 | Ambient Temp : 22.4 °C | Tissue Temp : 21.2 °C

Test Mode**6_Bluetooth_GFSK_Bottom of laptop_0mm_Ch0_Ant 1_AWAN****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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	7.17	38.5	1.75

Hardware Setup

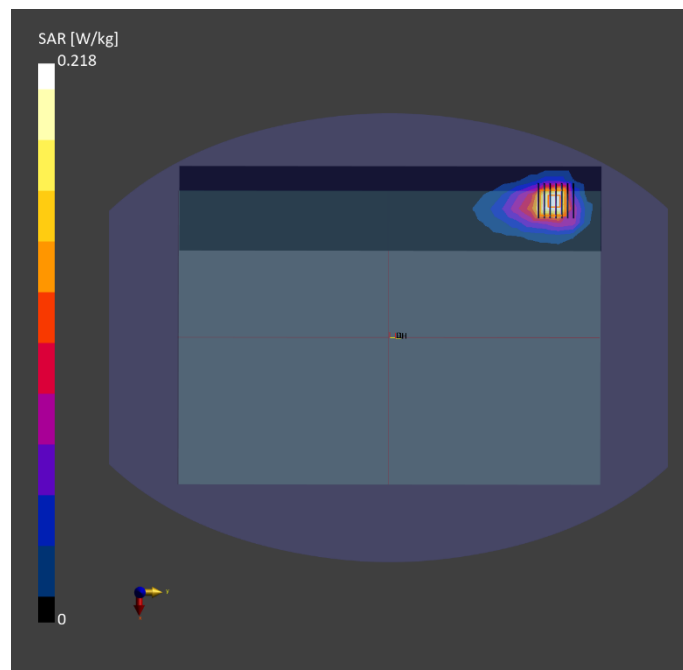
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

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]	0.197	0.213
psSAR-10g [W/kg]	0.102	0.109
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.3
Dist 3dB Peak [mm]		9.0



Test Date : 2025-12-31 | Ambient Temp : 22.4 °C | Tissue Temp : 21.2 °C

Test Mode

7_WLAN2.4G_802.11b_Top Side of the keyboard_0mm_Ch1_Ant 0_AWAN

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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	7.17	38.5	1.75

Hardware Setup

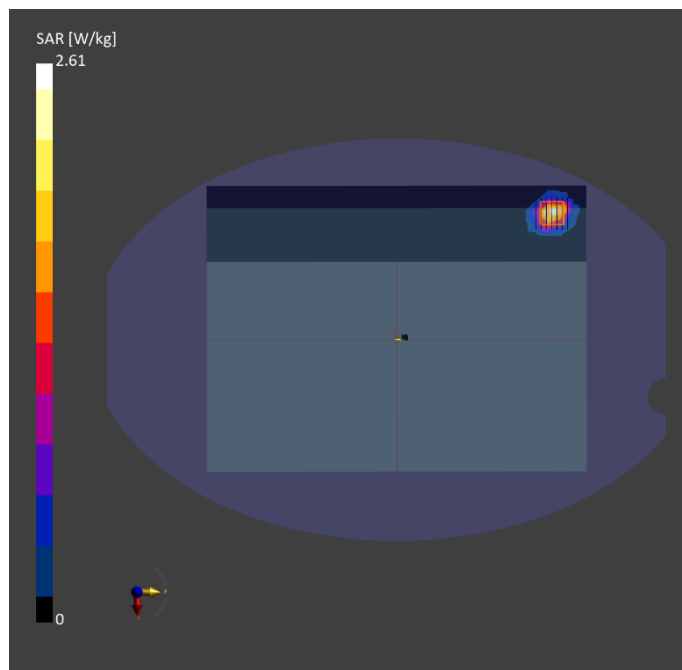
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

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]	2.19	2.20
psSAR-10g [W/kg]	0.975	0.909
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		36.7
Dist 3dB Peak [mm]		6.0



Test Date : 2026-01-01 | Ambient Temp : 22.6 °C | Tissue Temp : 21.5 °C

Test Mode**8_WLAN5.3G_802.11ax HE160_Top Side of the keyboard_0mm_Ch50_Ant 0_AWAN****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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 - AAE	5250.000, 50	5.78	34.4	4.40

Hardware Setup

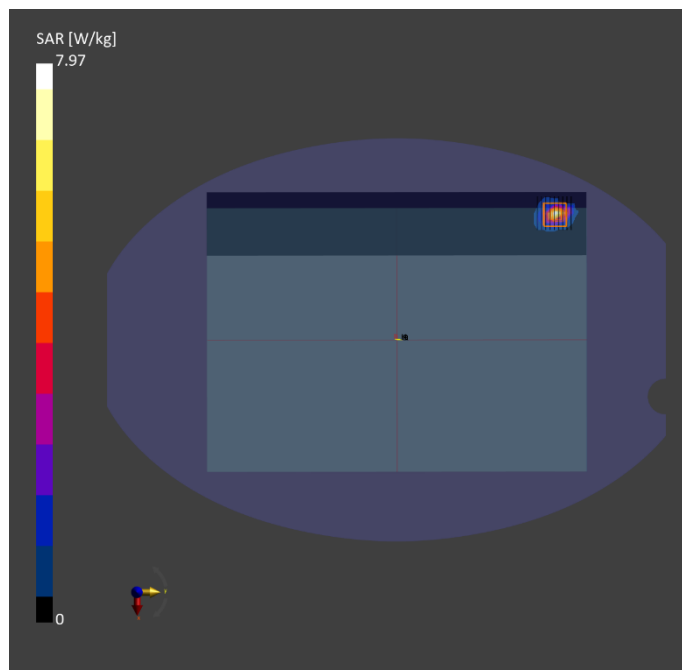
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

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]	4.86	6.33
psSAR-10g [W/kg]	1.37	1.65
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.6
Dist 3dB Peak [mm]		5.7



Test Date : 2026-01-02 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode**9_WLAN5.6G_802.11ac VHT160_Top Side of the keyboard_0mm_Ch114_Ant 0_AWAN****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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 - AAE	5570.000, 114	5.21	33.6	4.77

Hardware Setup

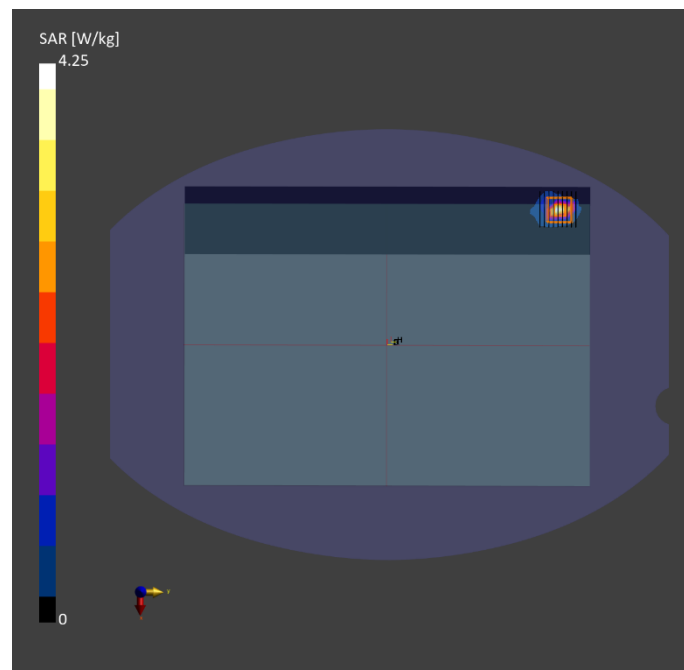
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

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]	2.60	3.44
psSAR-10g [W/kg]	0.688	0.801
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.5
Dist 3dB Peak [mm]		5.6



Test Date : 2026-01-01 | Ambient Temp : 22.6 °C | Tissue Temp : 21.5 °C

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

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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 - AAD	5775.000, 155	5.21	33.5	4.97

Hardware Setup

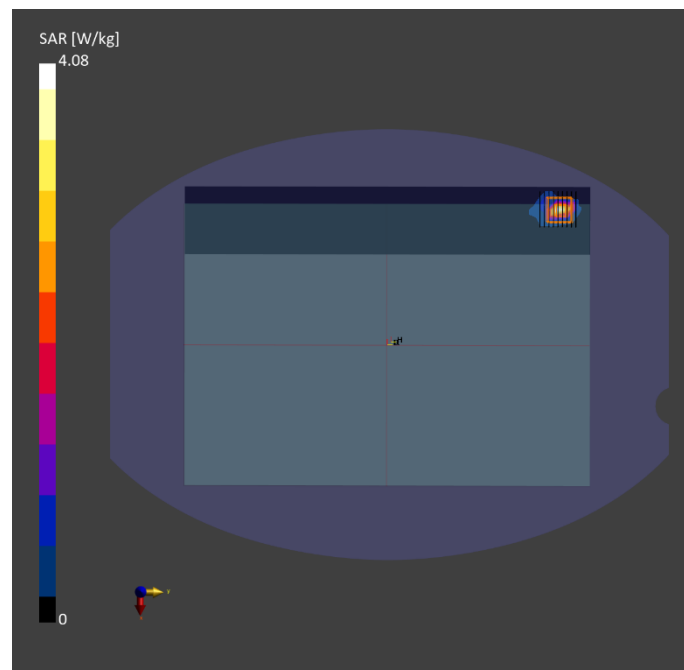
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
Measurement Software Version		16.4.0.5005	

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]	2.51	3.52
psSAR-10g [W/kg]	0.654	0.790
Power Drift [dB]		0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.1
Dist 3dB Peak [mm]		5.4



Test Date : 2026-12-31 | Ambient Temp : 22.4 °C | Tissue Temp : 21.2 °C

Test Mode

12_Bluetooth_GFSK_Top Side of the keyboard_0mm_Ch0_Ant 1_AWAN

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	X1607A	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	7.17	38.5	1.75

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7737 / 2025-07-29	DAE4 Sn1741 / 2025-07-11
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]	0.832	0.890
psSAR-10g [W/kg]	0.353	0.378
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		40.2
Dist 3dB Peak [mm]		6.4

