

## ***Appendix C – Highest Test Plots***

Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**1\_WLAN2.4G\_802.11b\_Bottom of laptop\_0mm\_Ch6\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	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	1.84	38.5

**Hardware Setup**

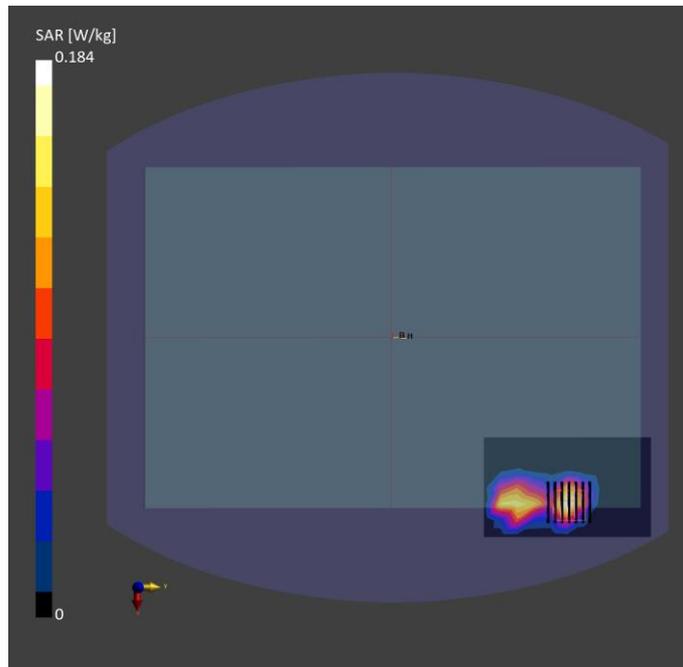
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 108.0	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]	0.143	<b>0.139</b>
psSAR-10g [W/kg]	0.068	<b>0.051</b>
Power Drift [dB]		0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		43.6
Dist 3dB Peak [mm]		6.0



Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**2\_WLAN5.3G\_802.11ac\_VHT160\_Bottom of laptop\_0mm\_Ch50\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	Laptop

**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	5250.000, 50	5.27	4.86	36.2

**Hardware Setup**

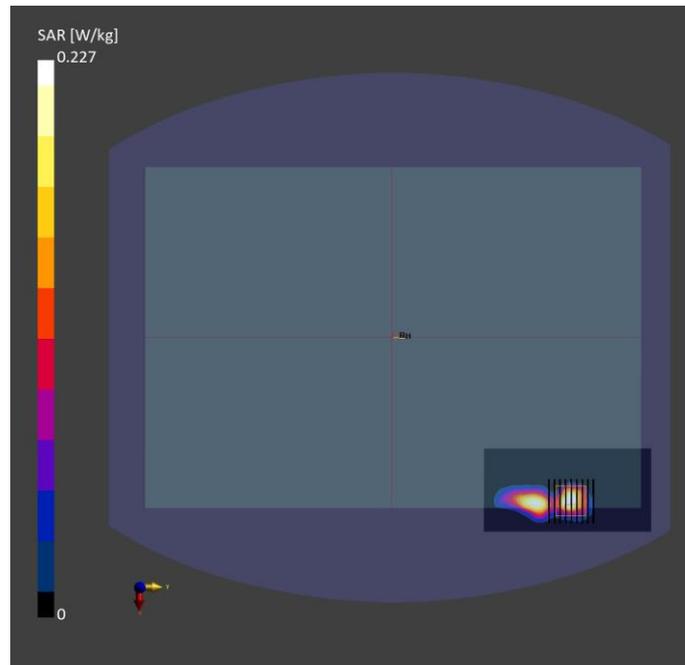
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 110.0	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]	0.249	<b>0.241</b>
psSAR-10g [W/kg]	0.076	<b>0.045</b>
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.5
Dist 3dB Peak [mm]		6.6



Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**3\_WLAN5.6G\_802.11ac\_VHT160\_Bottom of laptop\_0mm\_Ch114\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	Laptop

**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	4.7	5.23	35.9

**Hardware Setup**

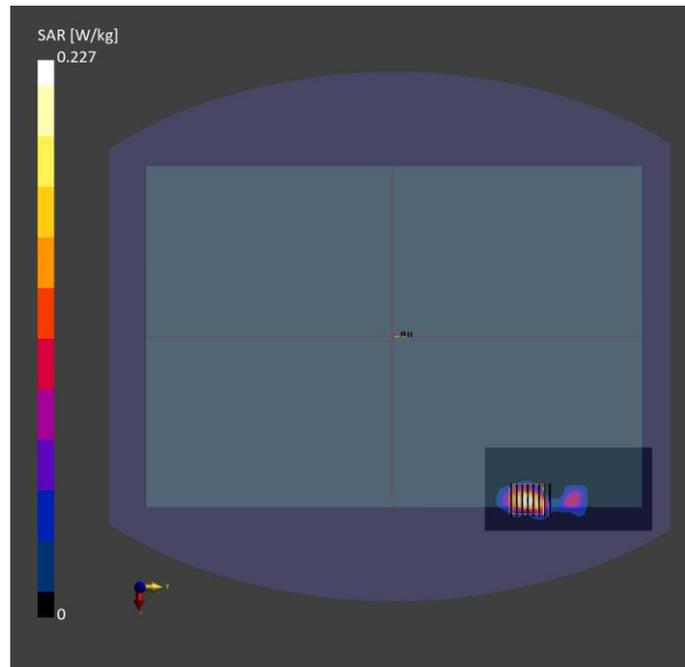
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 110.0	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]	0.256	<b>0.248</b>
psSAR-10g [W/kg]	0.080	<b>0.048</b>
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.9
Dist 3dB Peak [mm]		5.6



Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**5\_WLAN5.8G\_802.11ac\_VHT160\_Bottom of laptop\_0mm\_Ch163\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	Laptop

**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	5815.000, 163	4.73	5.19	36.1

**Hardware Setup**

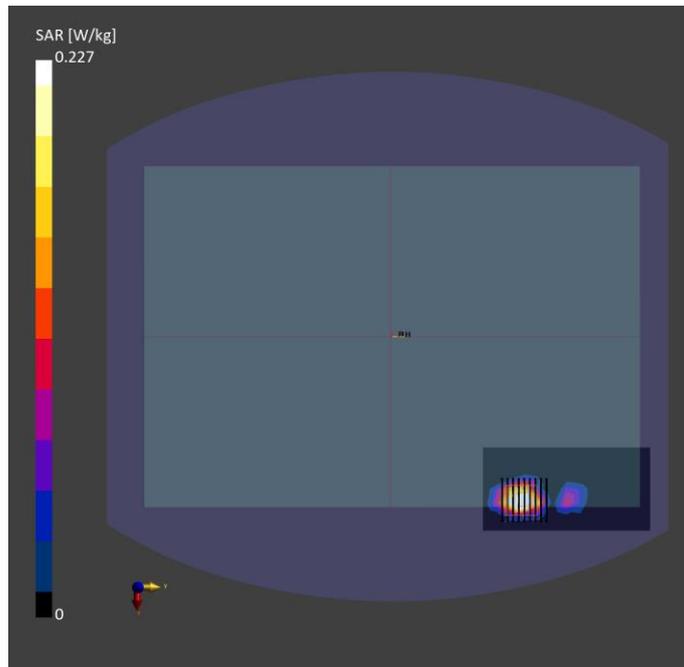
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 110.0	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]	0.238	<b>0.247</b>
psSAR-10g [W/kg]	0.077	<b>0.050</b>
Power Drift [dB]		-0.16
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.5
Dist 3dB Peak [mm]		6.5



Test Date : 2025-01-23 | Ambient Temp : 22.5 °C | Tissue Temp : 21.2 °C

**Test Mode**

**10\_Bluetooth\_GFSK\_Bottom of laptop\_0mm\_Ch78\_Ant 1**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
GA605WI	ASUS	A001	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, 78	6.96	1.74	37.6

**Hardware Setup**

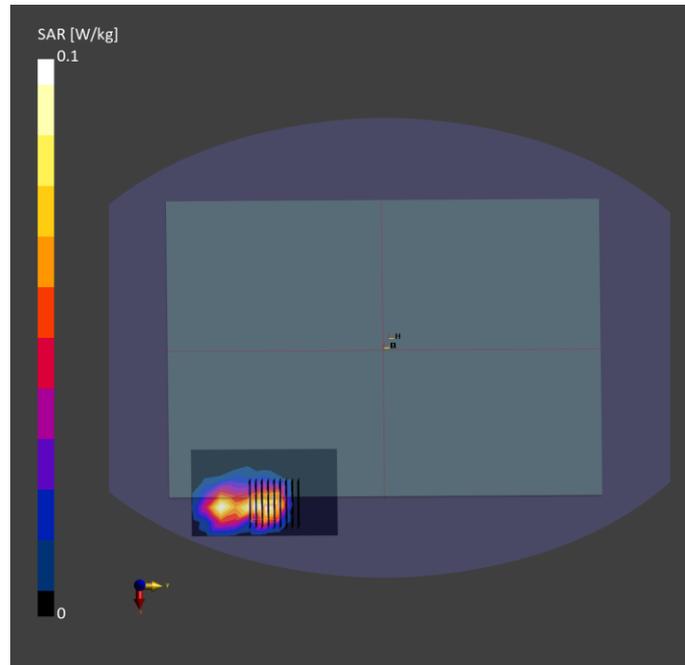
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 108.0	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]	0.081	<b>0.087</b>
psSAR-10g [W/kg]	0.041	<b>0.036</b>
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		35.2
Dist 3dB Peak [mm]		6.8



Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**6\_U-NII 5\_802.11be EHT320\_Bottom of laptop\_0mm\_Ch31\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	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, 11026 - AAB	6105.000, 31	4.64	5.88	35.2

**Hardware Setup**

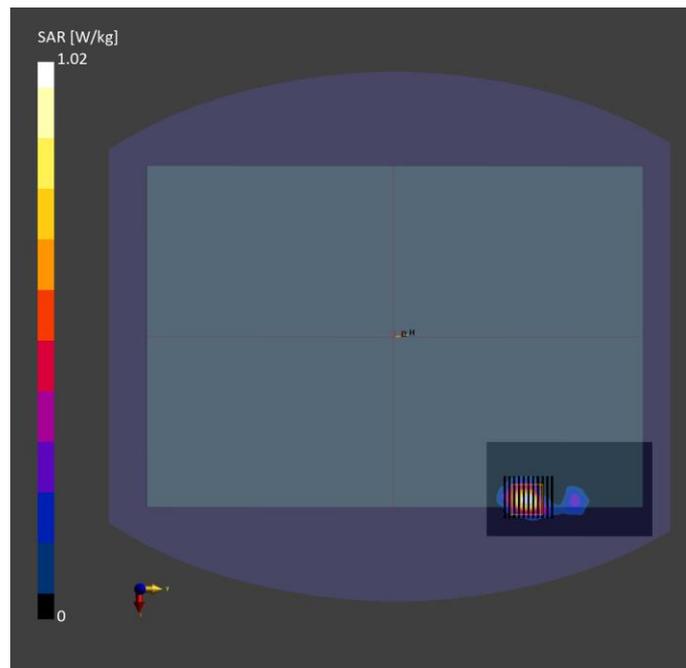
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 110.5	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]	0.326	<b>0.382</b>
psSAR-10g [W/kg]	0.103	<b>0.116</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>3.82</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>2.65</b>
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.0
Dist 3dB Peak [mm]		6.7



Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**7\_U-NII 6\_802.11be EHT320\_Bottom of laptop\_0mm\_Ch95\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	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, 11026 - AAB	6425.000, 95	4.64	6.41	34.6

**Hardware Setup**

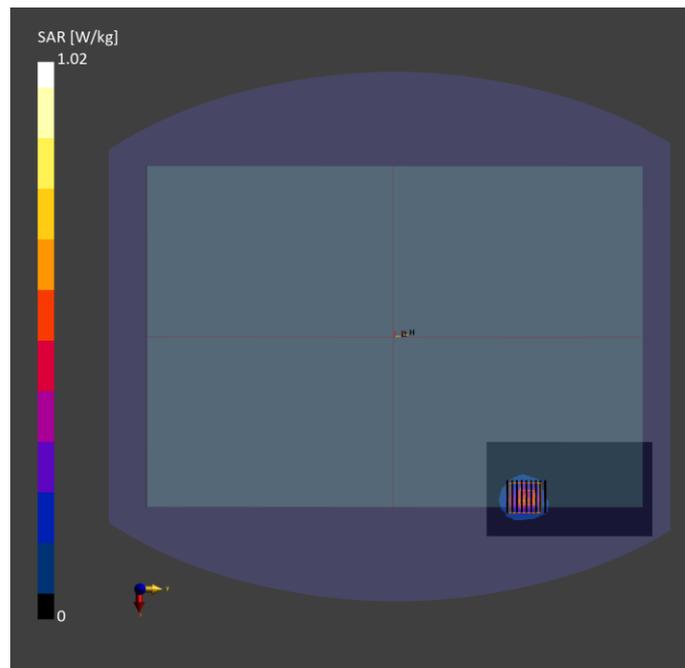
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 110.5	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]	0.482	<b>0.578</b>
psSAR-10g [W/kg]	0.150	<b>0.177</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>5.78</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>4.04</b>
Power Drift [dB]		-0.15
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.1
Dist 3dB Peak [mm]		7.0



Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**8\_U-NII 7\_802.11be EHT320\_Bottom of laptop\_0mm\_Ch159\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	Laptop

**Exposure Conditions**

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-7	WLAN, 11026 - AAB	6745.000, 159	4.64	6.70	33.7

**Hardware Setup**

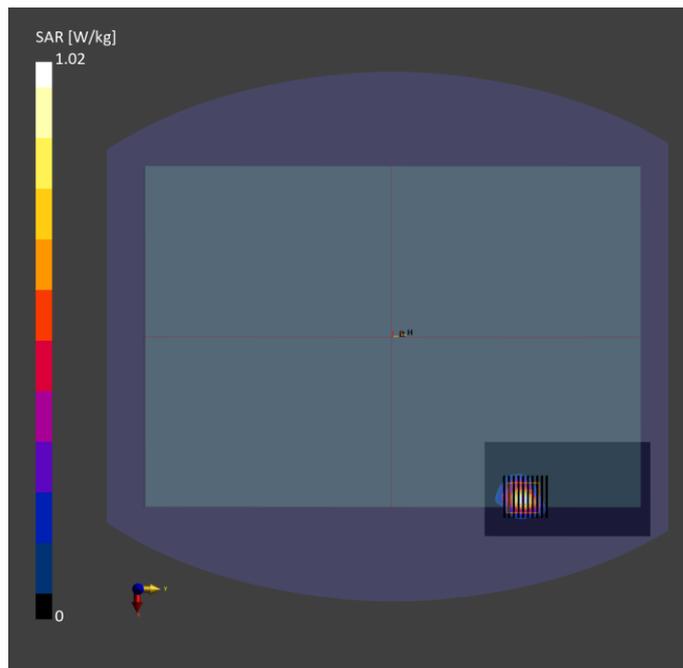
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 110.5	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]	0.467	<b>0.541</b>
psSAR-10g [W/kg]	0.138	<b>0.161</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>5.41</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>3.69</b>
Power Drift [dB]		-0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.4
Dist 3dB Peak [mm]		6.5



Test Date : 2025-01-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.8 °C

**Test Mode**

**9\_U-NII 8\_802.11be EHT320\_Bottom of laptop\_0mm\_Ch191\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	Laptop

**Exposure Conditions**

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-8	WLAN, 11026 - AAB	6905.000, 191	4.64	6.62	33.0

**Hardware Setup**

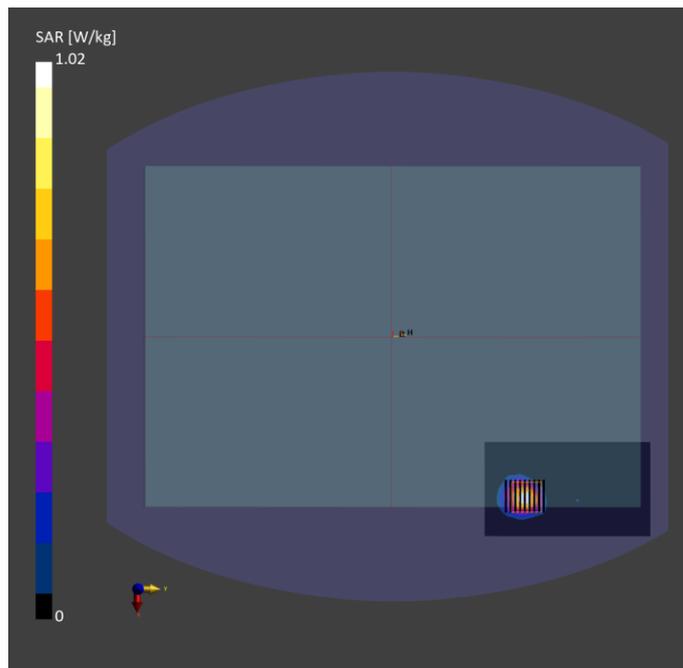
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 110.5	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]	0.446	<b>0.532</b>
psSAR-10g [W/kg]	0.138	<b>0.152</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>5.32</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>3.49</b>
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		43.6
Dist 3dB Peak [mm]		7.4



Test Date : 2025-01-04 | Ambient Temp : 22.2 °C

**Test Mode**

**10\_UNII-6\_802.11be EHT320\_Bottom of laptop\_2mm\_Ch95\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GU605C	A001	Laptop

**Exposure Conditions**

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 11026 - AAB	6425.000, 95	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]	93.0 x 93.0
Grid Steps [mm]	0.0535 x 0.0535
Sensor Surface [mm]	2.0

**Measurement Results**

	5G Scan
Avg. Area [cm <sup>2</sup> ]	4.00
psPD n+ [W/m <sup>2</sup> ]	<b>2.93</b>
psPD tot+ [W/m <sup>2</sup> ]	<b>4.60</b>
psPD mod+ [W/m <sup>2</sup> ]	5.07
Peak PD tot [W/m <sup>2</sup> ]	8.84
Power Drift [dB]	0.12

