

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

Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °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	GA605K	A002	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	1.69	38.7

**Hardware Setup**

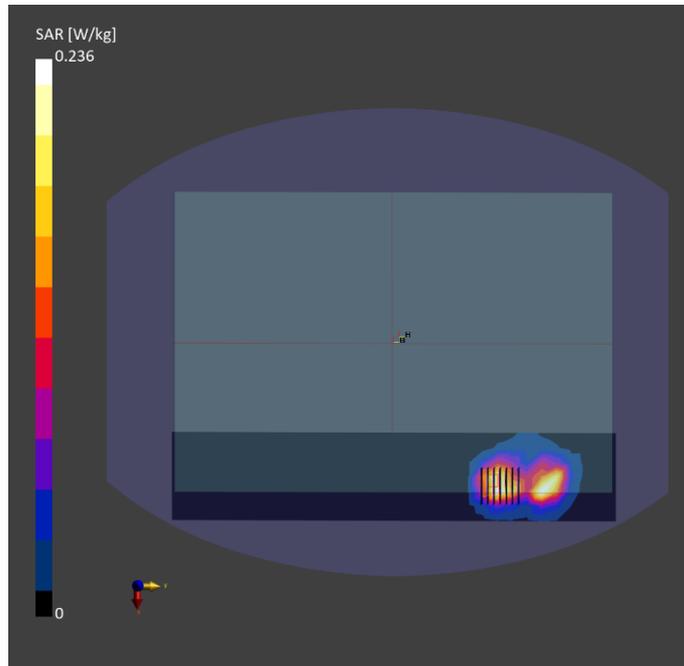
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.201	<b>0.190</b>
psSAR-10g [W/kg]	0.100	<b>0.086</b>
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		39.9
Dist 3dB Peak [mm]		8.0



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °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	GA605K	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, 10554 - AAE	5250.000, 50	5.27	4.76	36.7

**Hardware Setup**

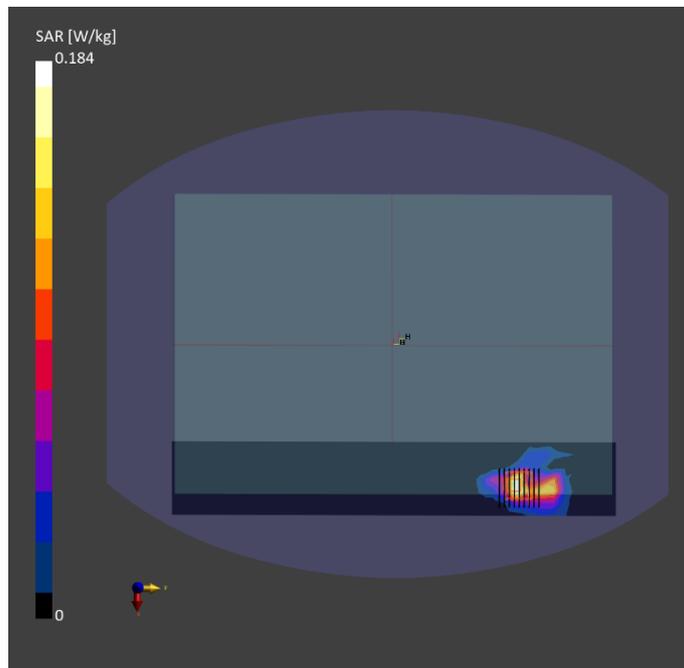
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.135	<b>0.148</b>
psSAR-10g [W/kg]	0.047	<b>0.043</b>
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.8
Dist 3dB Peak [mm]		6.4



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °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	GA605K	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, 10554 - AAE	5570.000, 114	4.7	5.12	36.5

**Hardware Setup**

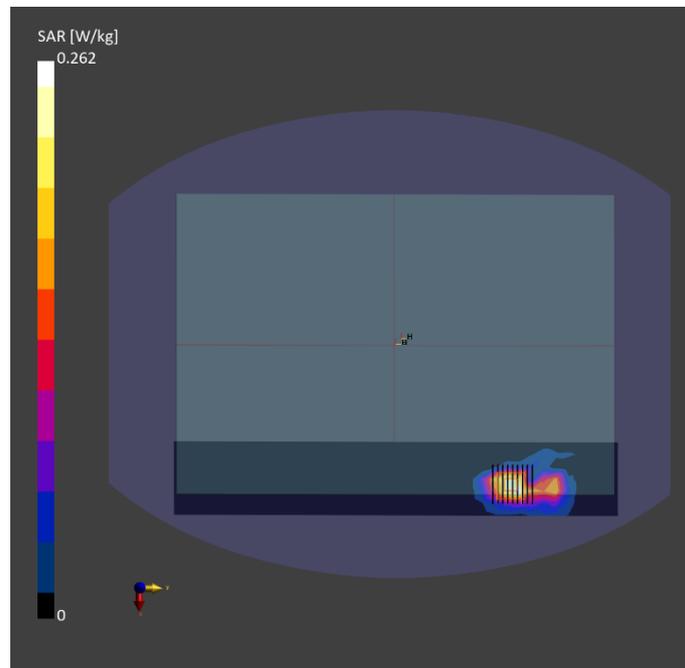
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.213	<b>0.244</b>
psSAR-10g [W/kg]	0.081	<b>0.076</b>
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.9
Dist 3dB Peak [mm]		8.0



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °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	GA605K	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, 10554 - AAE	5815.000, 163	4.73	5.1	36.7

**Hardware Setup**

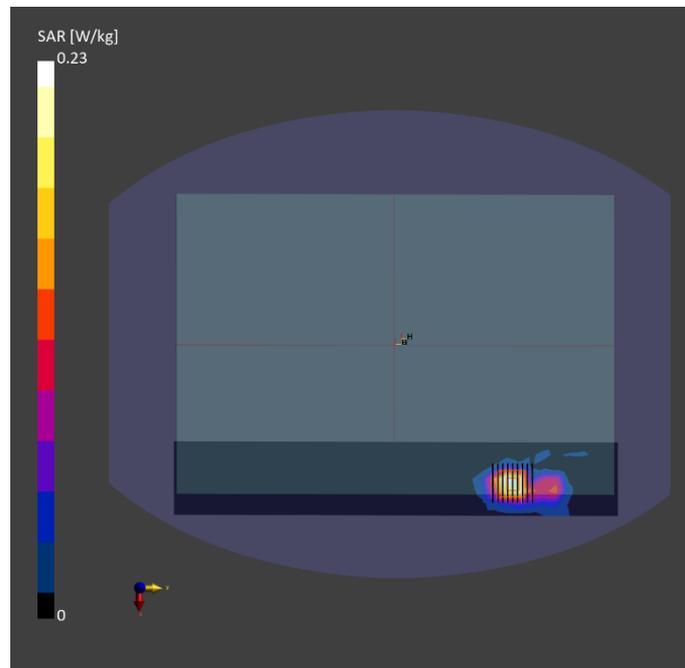
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.191	<b>0.222</b>
psSAR-10g [W/kg]	0.070	<b>0.064</b>
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.3
Dist 3dB Peak [mm]		8.0



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

**Test Mode**

**6\_Bluetooth\_GFSK\_Bottom of laptop\_0mm\_Ch39\_Ant 1**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GA605K	A002	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	2441.000, 39	7.09	1.69	38.7

**Hardware Setup**

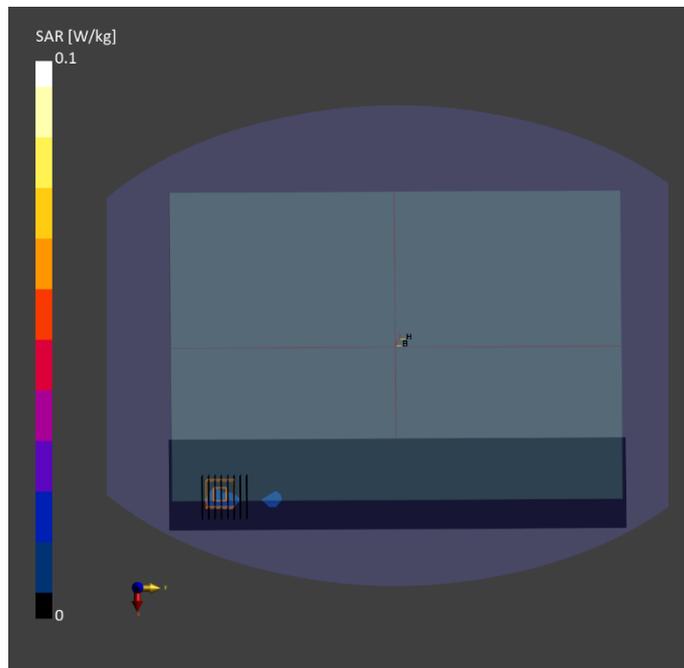
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.015	<b>0.009</b>
psSAR-10g [W/kg]	0.005	<b>0.002</b>
Power Drift [dB]		0.15
TSL Correction	Positive only	Positive only
M2 / M1 [%]		35.7
Dist 3dB Peak [mm]		6.0



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

**Test Mode**

**7\_U-NII 5\_802.11ax HE80\_Bottom of laptop\_0mm\_Ch39\_Ant 1**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GA605K	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, 10731 - AAC	6145.000, 39	4.64	5.74	35.8

**Hardware Setup**

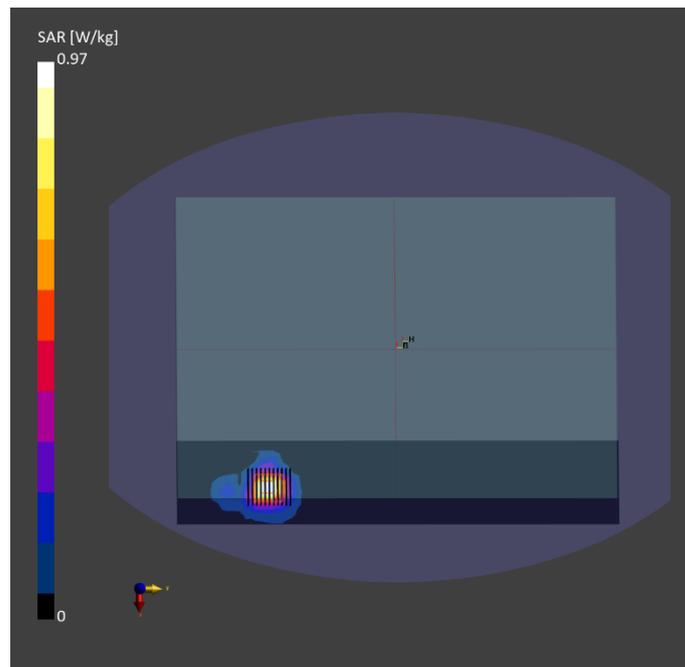
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	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]	0.850	<b>0.963</b>
psSAR-10g [W/kg]	0.298	<b>0.326</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>9.63</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>7.34</b>
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.4
Dist 3dB Peak [mm]		7.6



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

**Test Mode**

**8\_U-NII 6\_802.11ax HE160\_Bottom of laptop\_0mm\_Ch111\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GA605K	A002	Laptop

**Exposure Conditions**

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-6	WLAN, 10755 - AAC	6505.000, 111	4.64	6.28	35.2

**Hardware Setup**

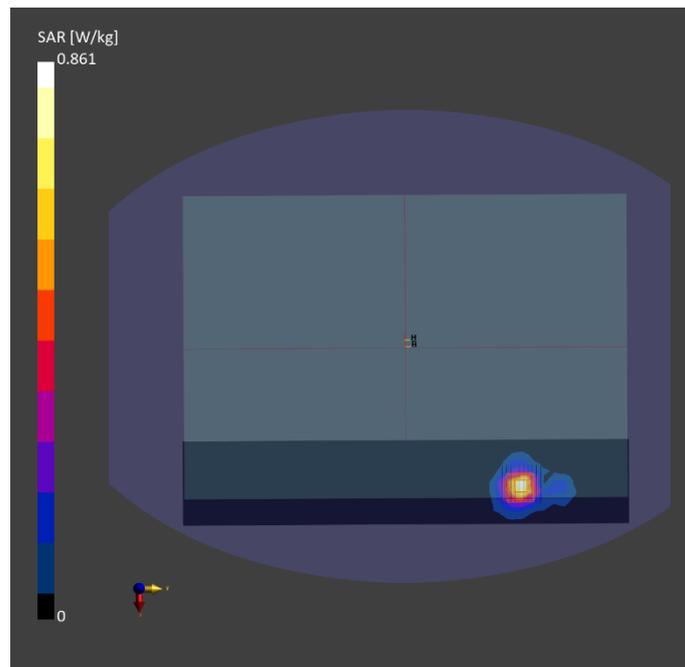
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.679	<b>0.775</b>
psSAR-10g [W/kg]	0.224	<b>0.251</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>7.75</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>5.69</b>
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.2
Dist 3dB Peak [mm]		8.2



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

**Test Mode**

**9\_U-NII 7\_802.11ax HE80\_Bottom of laptop\_0mm\_Ch151\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GA605K	A002	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, 10731 - AAC	6705.000, 151	4.64	6.64	34.3

**Hardware Setup**

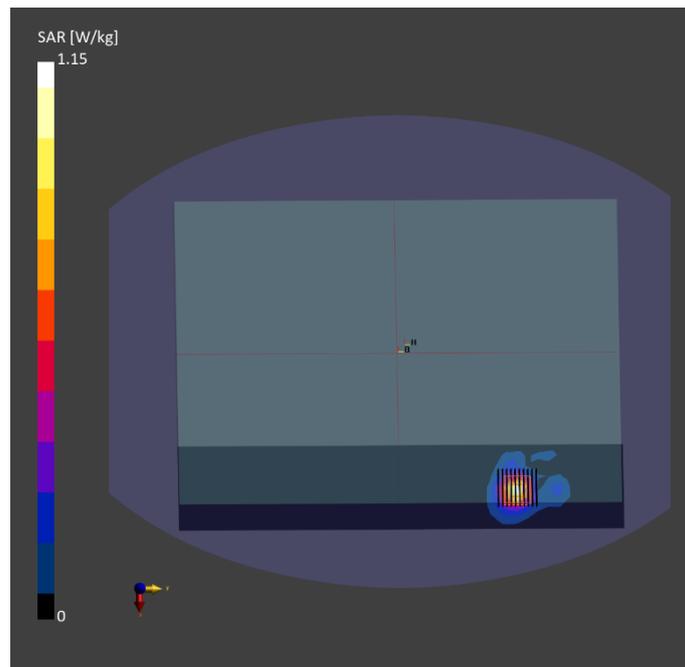
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.910	<b>1.03</b>
psSAR-10g [W/kg]	0.300	<b>0.332</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>10.3</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>7.52</b>
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		50.7
Dist 3dB Peak [mm]		8.4



Test Date : 2025-03-05 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

**Test Mode**

**10\_U-NII 8\_802.11ax HE160\_Bottom of laptop\_0mm\_Ch207\_Ant 0**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GA605K	A002	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, 10755 - AAC	6985.000, 207	4.64	6.98	33.5

**Hardware Setup**

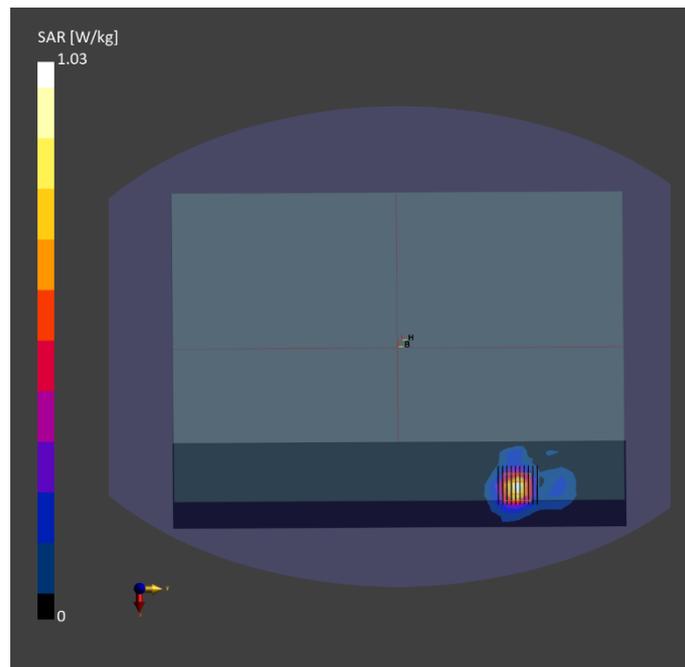
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	0.852	<b>0.953</b>
psSAR-10g [W/kg]	0.281	<b>0.307</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>9.53</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>6.95</b>
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		49.2
Dist 3dB Peak [mm]		8.7



Test Date : 2025-03-06 | Ambient Temp : 22.3 °C

**Test Mode**

**9\_U-NII 7\_802.11ax HE80\_Bottom of laptop\_0mm\_Ch151\_Ant 1**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	GA605K	A002	Laptop

**Exposure Conditions**

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-7	WLAN, 10731 - AAC	6705.0, 151	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]	89.0 x 89.0
Grid Steps [mm]	0.0509 x 0.0509
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>6.15</b>
psPD tot+ [W/m <sup>2</sup> ]	<b>7.35</b>
psPD mod+ [W/m <sup>2</sup> ]	8.18
Peak PD tot [W/m <sup>2</sup> ]	11.8
Power Drift [dB]	-0.02

