

## ***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**

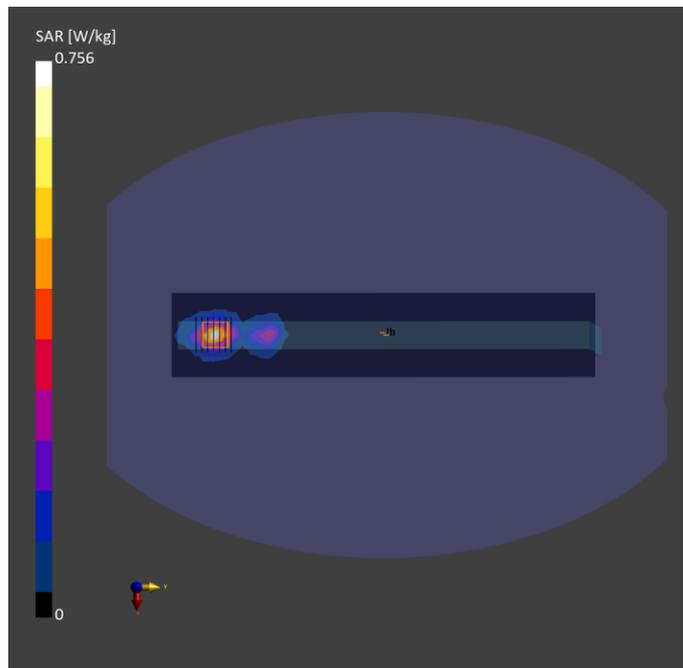
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
Measurement Software Version		16.4.0.5005	

**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	<b>0.565</b>
psSAR-10g [W/kg]	0.229	<b>0.242</b>
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**

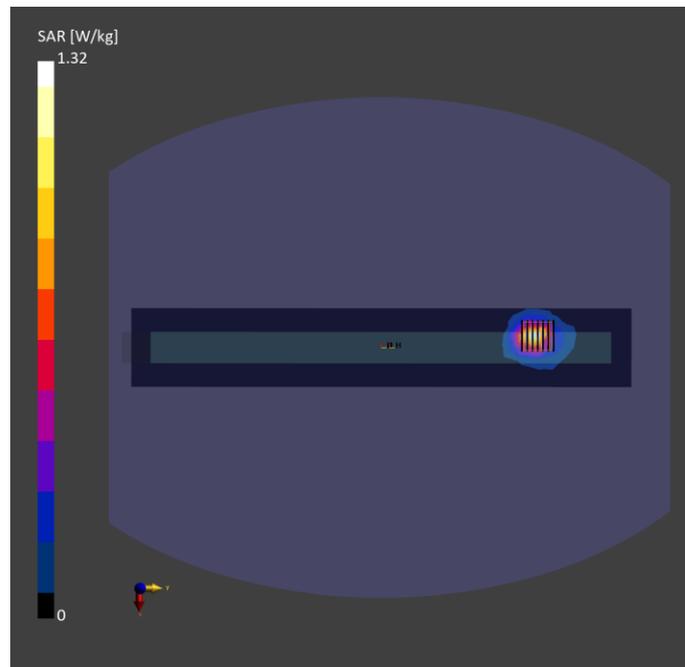
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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	<b>1.11</b>
psSAR-10g [W/kg]	0.311	<b>0.342</b>
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**

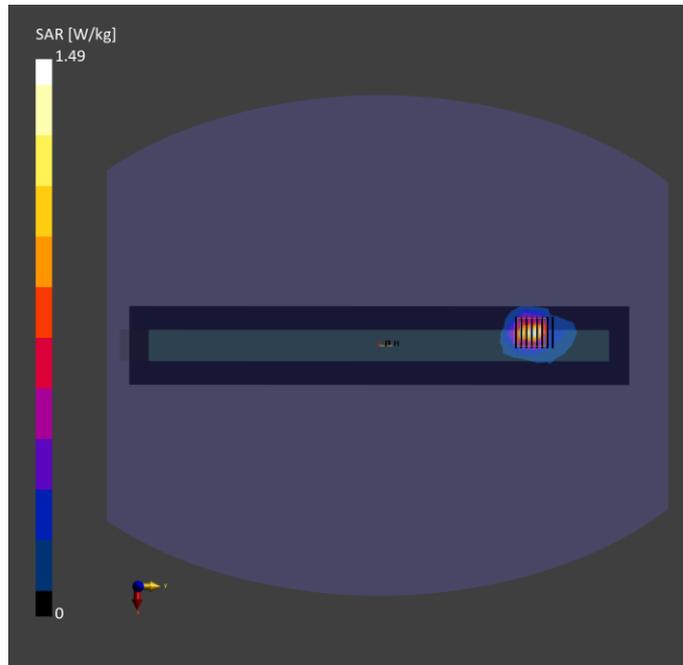
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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	<b>1.09</b>
psSAR-10g [W/kg]	0.329	<b>0.349</b>
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**

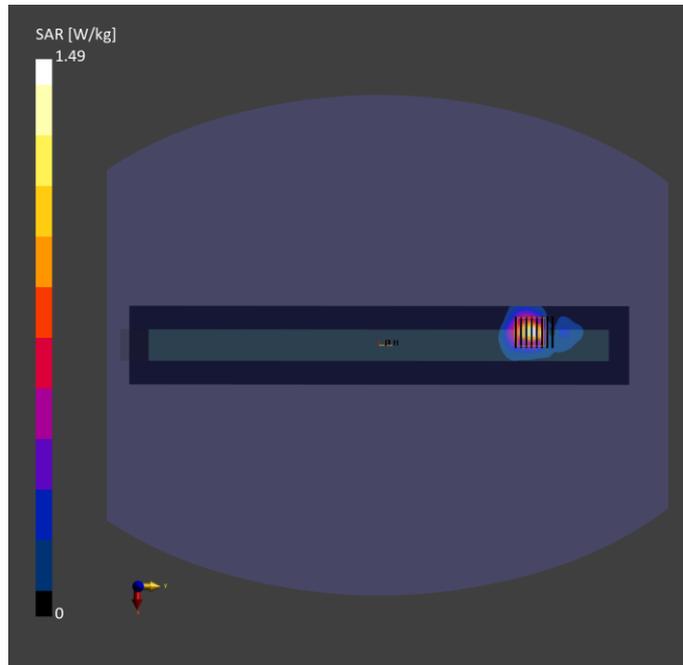
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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	<b>0.992</b>
psSAR-10g [W/kg]	0.286	<b>0.305</b>
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**

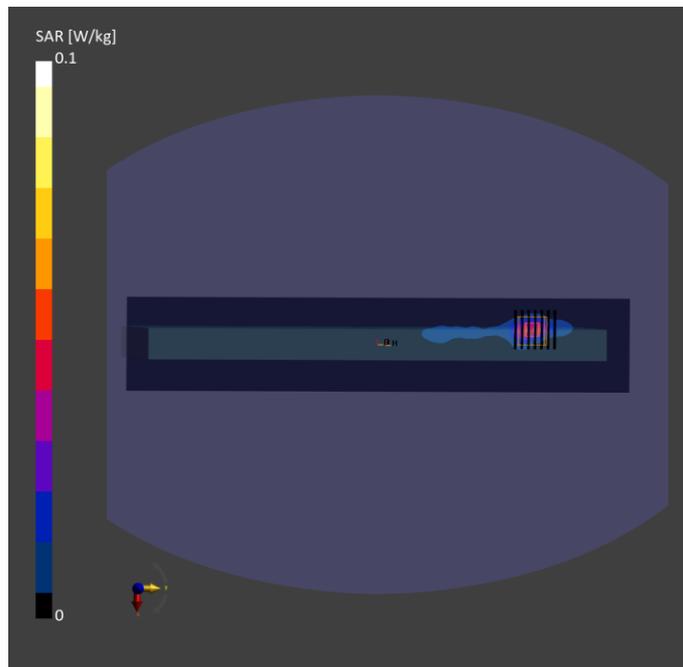
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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	<b>0.036</b>
psSAR-10g [W/kg]	0.015	<b>0.013</b>
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**

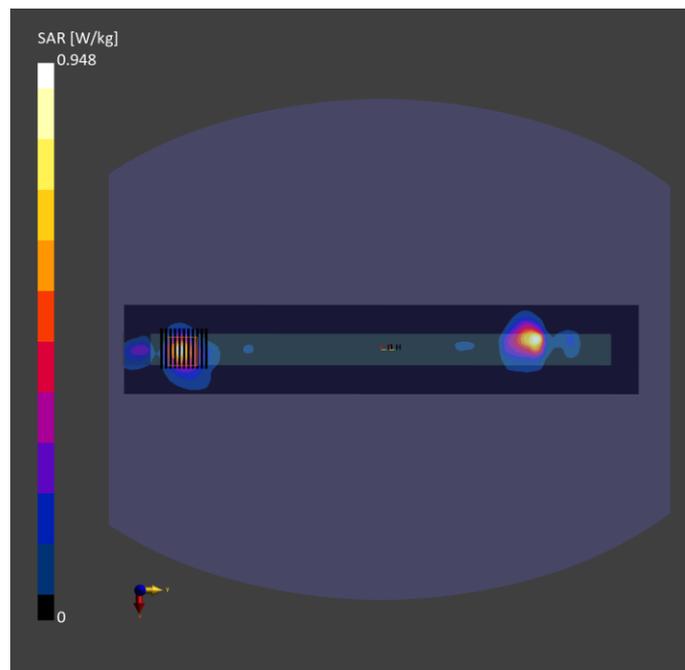
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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	<b>0.361</b>
psSAR-10g [W/kg]	0.095	<b>0.113</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>3.61</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>2.59</b>
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**

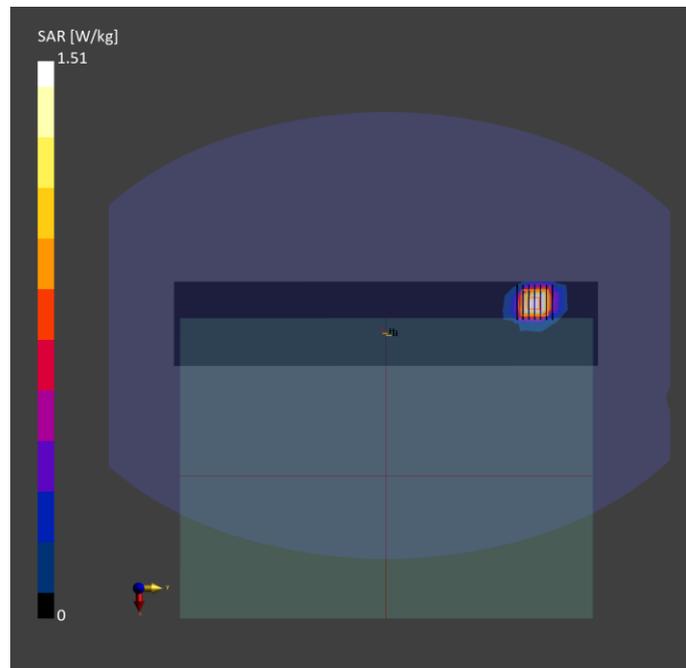
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	1.48	<b>1.69</b>
psSAR-10g [W/kg]	0.710	<b>0.737</b>
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**

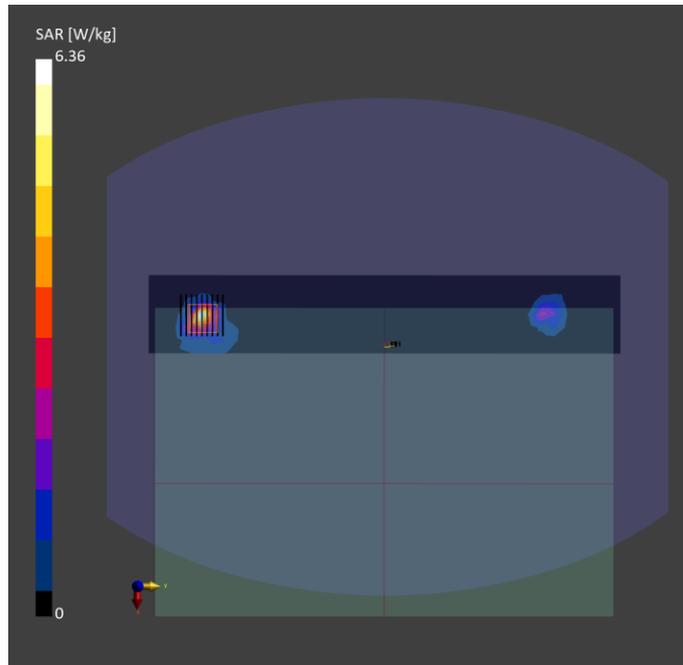
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	3.96	<b>4.55</b>
psSAR-10g [W/kg]	1.23	<b>1.34</b>
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**

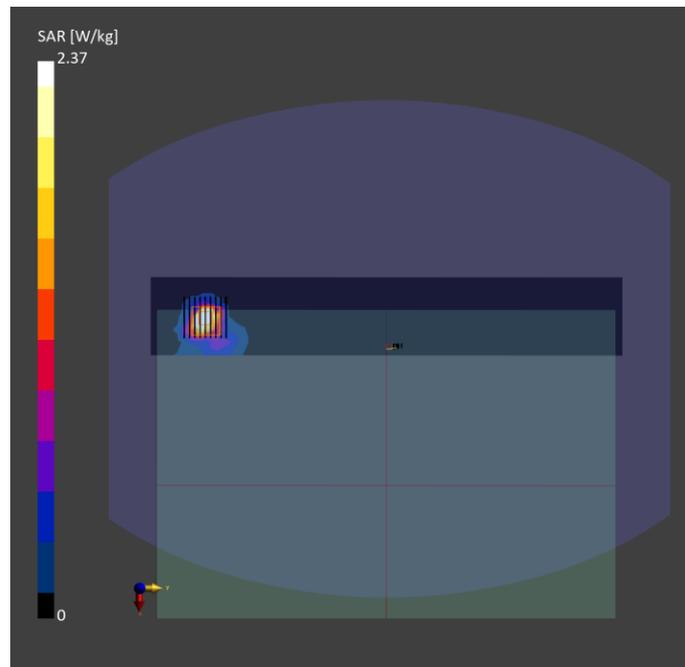
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	2.42	<b>2.91</b>
psSAR-10g [W/kg]	0.725	<b>0.832</b>
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**

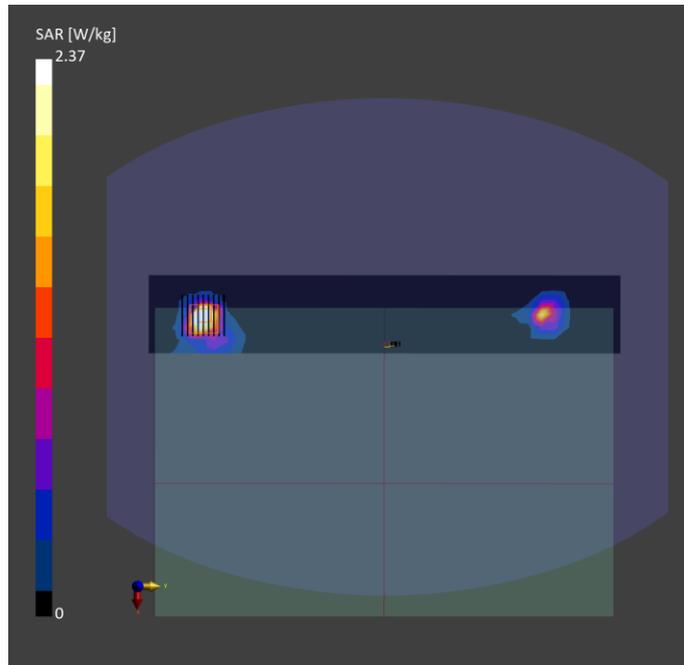
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	2.58	<b>3.10</b>
psSAR-10g [W/kg]	0.775	<b>0.880</b>
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**

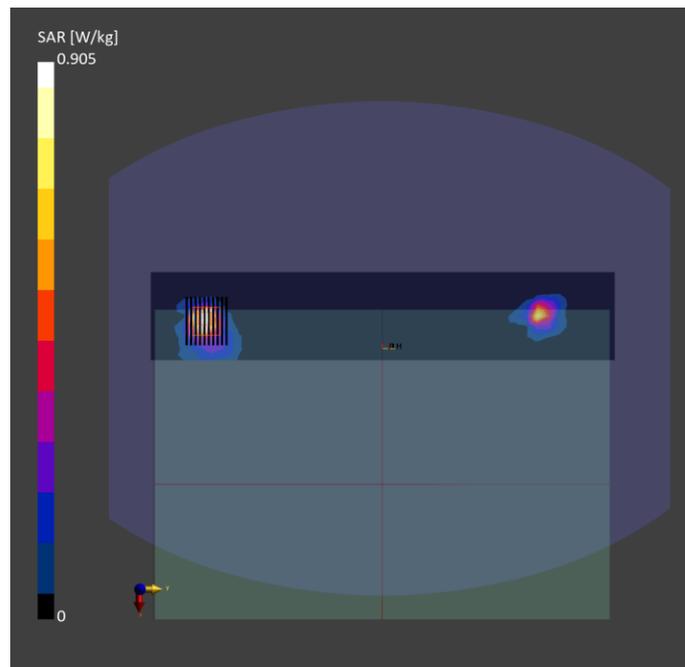
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16
<b>Measurement Software Version</b>		16.4.0.5005	

**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]	1.05	<b>1.19</b>
psSAR-10g [W/kg]	0.295	<b>0.331</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>11.9</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>7.62</b>
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**

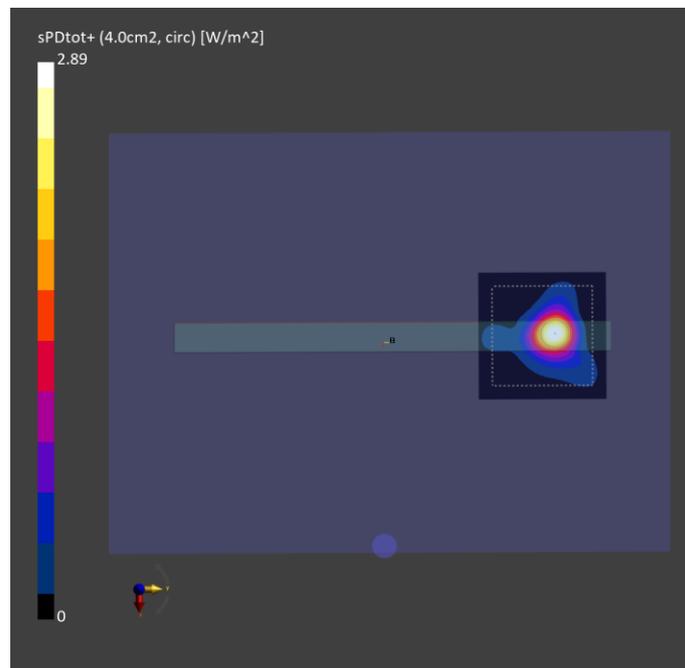
Phantom	Medium	Probe   Calibration Date	DAE   Calibration Date
mmWave - 1102	Air	EUmmWV4 - SN9639_F1-55GHz / 2024-09-16	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		V3.2.2.2358	

**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 <sup>2</sup> ]	4.00
psPD n+ [W/m <sup>2</sup> ]	<b>2.22</b>
psPD tot+ [W/m <sup>2</sup> ]	<b>2.89</b>
psPD mod+ [W/m <sup>2</sup> ]	3.34
Peak PD tot [W/m <sup>2</sup> ]	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 <sup>2</sup> ]	4.00
psPD n+ [W/m <sup>2</sup> ]	<b>2.27</b>
psPD tot+ [W/m <sup>2</sup> ]	<b>5.70</b>
psPD mod+ [W/m <sup>2</sup> ]	6.53
Peak PD tot [W/m <sup>2</sup> ]	12.9
Power Drift [dB]	0.13

