

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

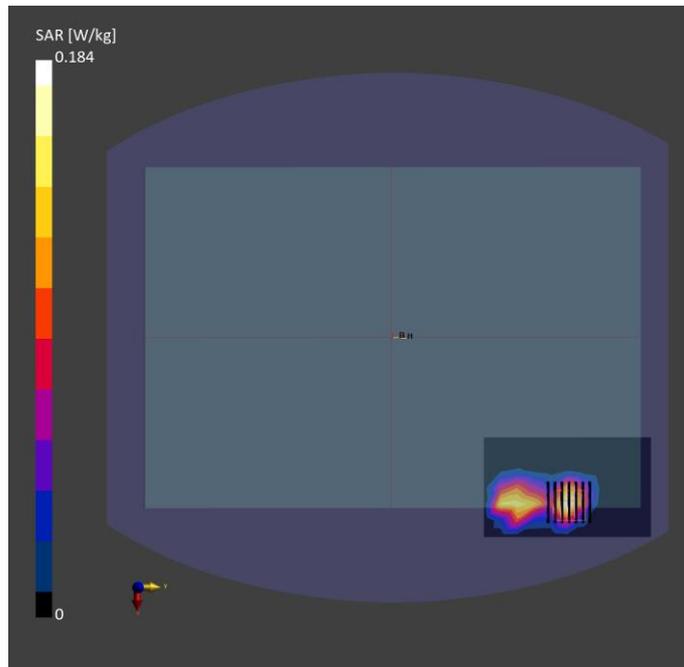
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.139
psSAR-10g [W/kg]	0.068	0.051
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

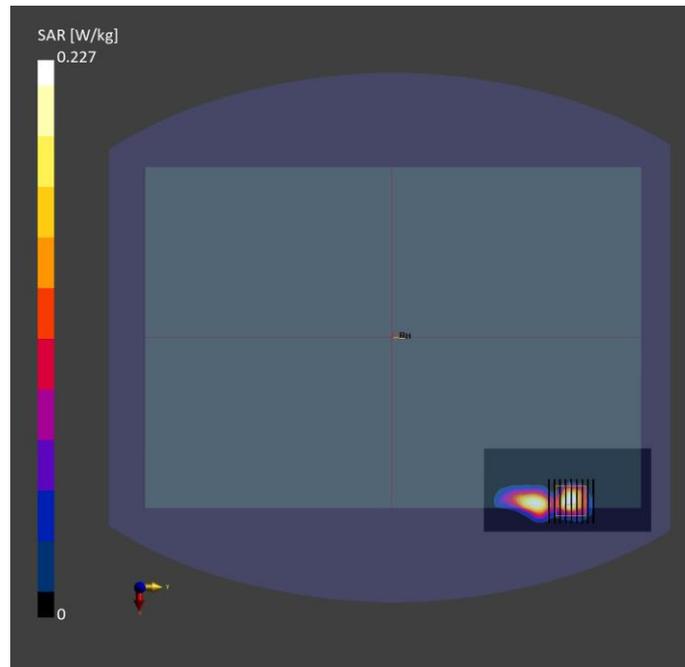
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.241
psSAR-10g [W/kg]	0.076	0.045
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

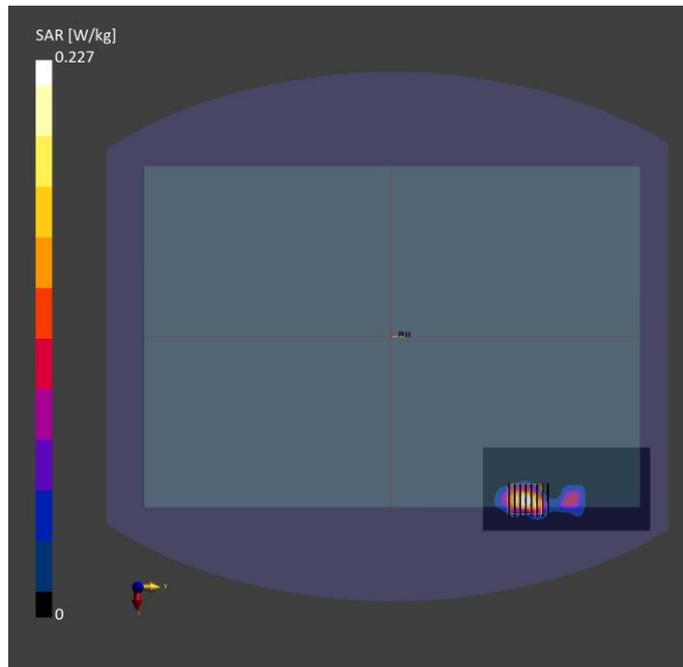
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.248
psSAR-10g [W/kg]	0.080	0.048
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

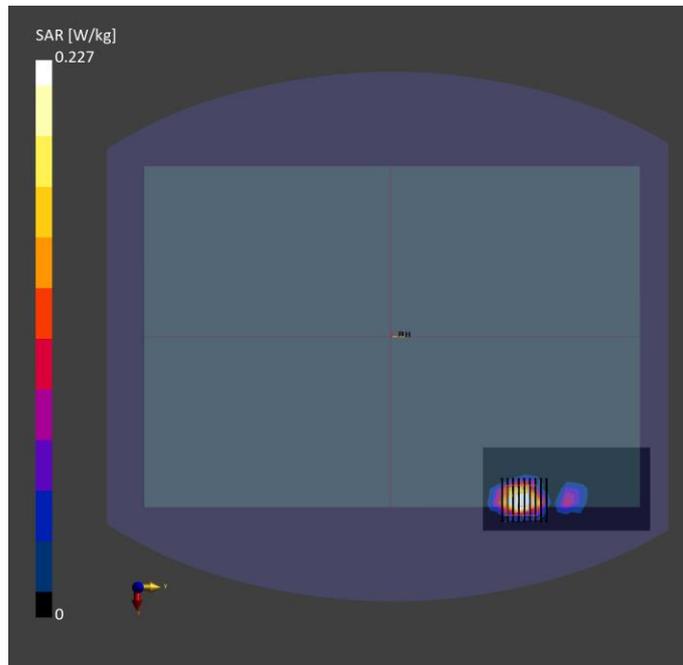
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.247
psSAR-10g [W/kg]	0.077	0.050
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

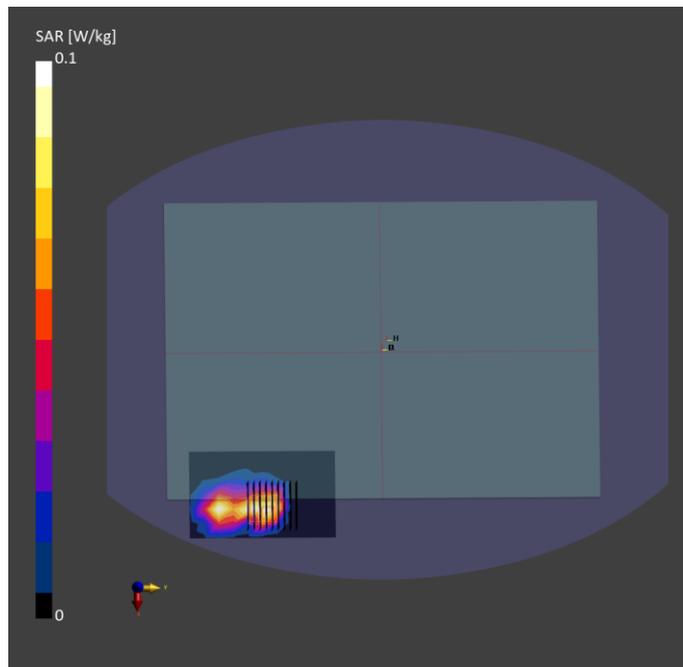
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15

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	0.087
psSAR-10g [W/kg]	0.041	0.036
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

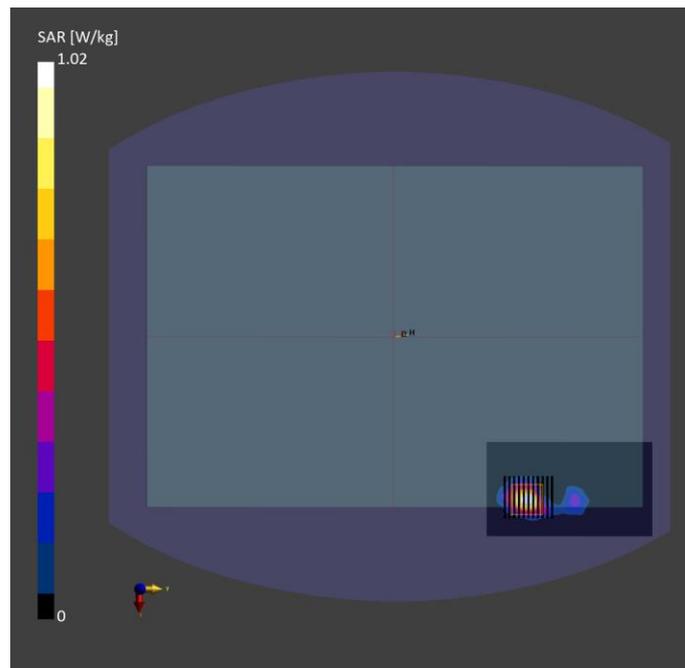
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.382
psSAR-10g [W/kg]	0.103	0.116
psAPD (1.0 cm ² , sq) [W/m ²]		3.82
psAPD (4.0 cm ² , sq) [W/m ²]		2.65
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

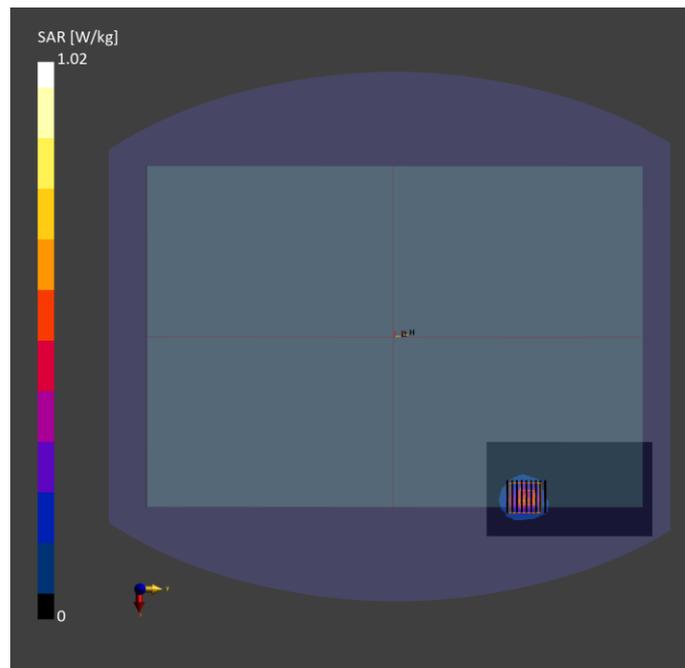
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.578
psSAR-10g [W/kg]	0.150	0.177
psAPD (1.0 cm ² , sq) [W/m ²]		5.78
psAPD (4.0 cm ² , sq) [W/m ²]		4.04
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

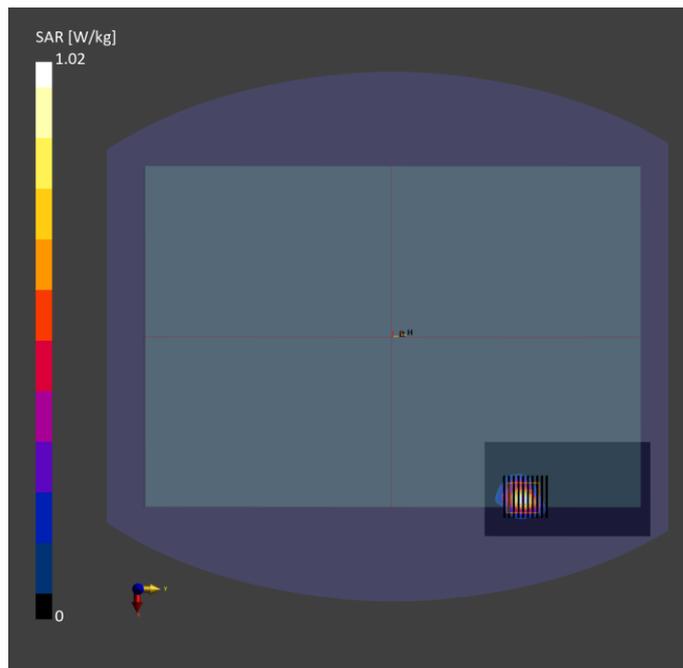
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.541
psSAR-10g [W/kg]	0.138	0.161
psAPD (1.0 cm ² , sq) [W/m ²]		5.41
psAPD (4.0 cm ² , sq) [W/m ²]		3.69
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

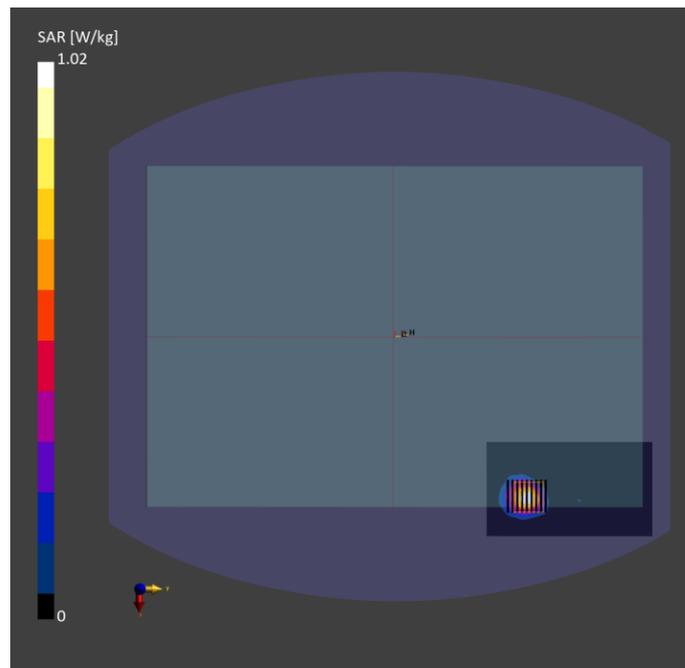
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1669 / 2024-05-16

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	0.532
psSAR-10g [W/kg]	0.138	0.152
psAPD (1.0 cm ² , sq) [W/m ²]		5.32
psAPD (4.0 cm ² , sq) [W/m ²]		3.49
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 ²]	4.00
psPD n+ [W/m ²]	2.93
psPD tot+ [W/m ²]	4.60
psPD mod+ [W/m ²]	5.07
Peak PD tot [W/m ²]	8.84
Power Drift [dB]	0.12

