

Appendix C – Highest Test Plots

Test Date : 2024-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 21.8 °C

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

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	2412.000, 1	7.25	1.84	41.7

Hardware Setup

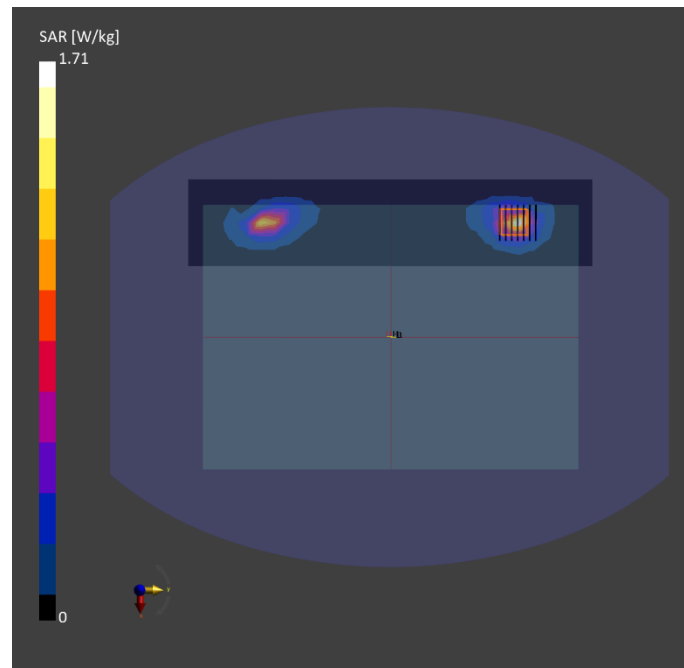
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 324.0	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]	1.21	1.07
psSAR-10g [W/kg]	0.526	0.429
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		41.8
Dist 3dB Peak [mm]		5.9



Test Date : 2024-11-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.0 °C

Test Mode**2_WLAN5.3G_802.11ac VHT160_Bottom of laptop_0mm_Ch50_Ant 0+1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	5.56	4.61	34.3

Hardware Setup

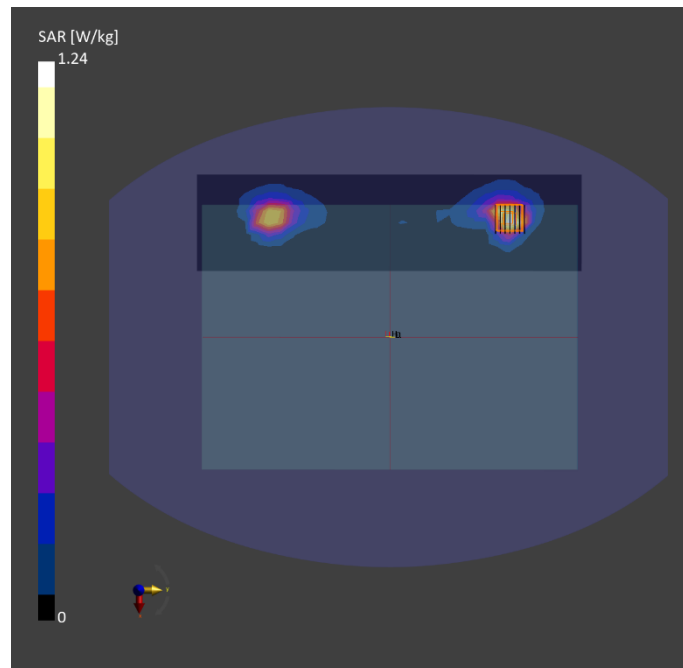
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 320.0	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]	0.939	1.07
psSAR-10g [W/kg]	0.358	0.391
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.9
Dist 3dB Peak [mm]		8.3



Test Date : 2024-11-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.0 °C

Test Mode**3_WLAN5.6G_802.11ac VHT80_Bottom of laptop_0mm_Ch138_Ant 0+1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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, 10544 - AAD	5690.000, 138	5.07	5.18	34.3

Hardware Setup

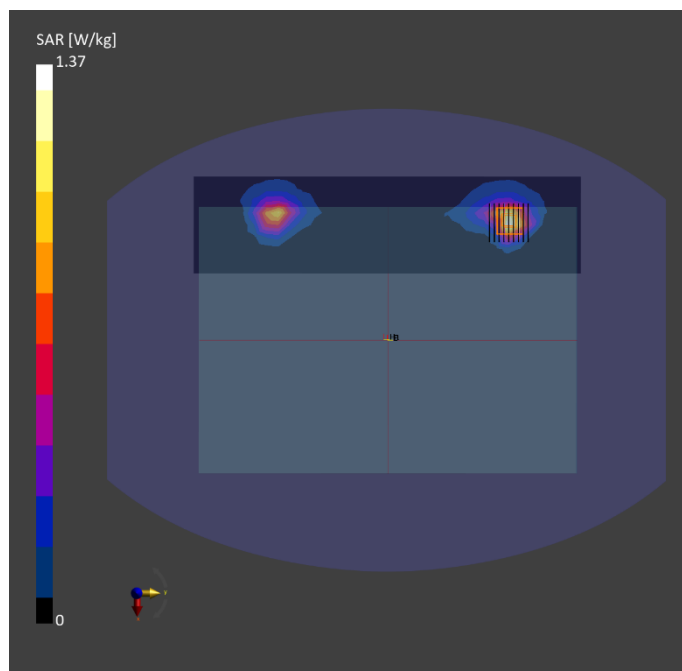
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 320.0	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]	1.01	1.14
psSAR-10g [W/kg]	0.368	0.416
Power Drift [dB]		0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.4
Dist 3dB Peak [mm]		9.4



Test Date : 2024-11-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.0 °C

Test Mode**4_WLAN5.8G_802.11ac VHT80_Bottom of laptop_0mm_Ch155_Ant 0+1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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, 10544 - AAD	5775.000, 155	5.01	5.04	34.6

Hardware Setup

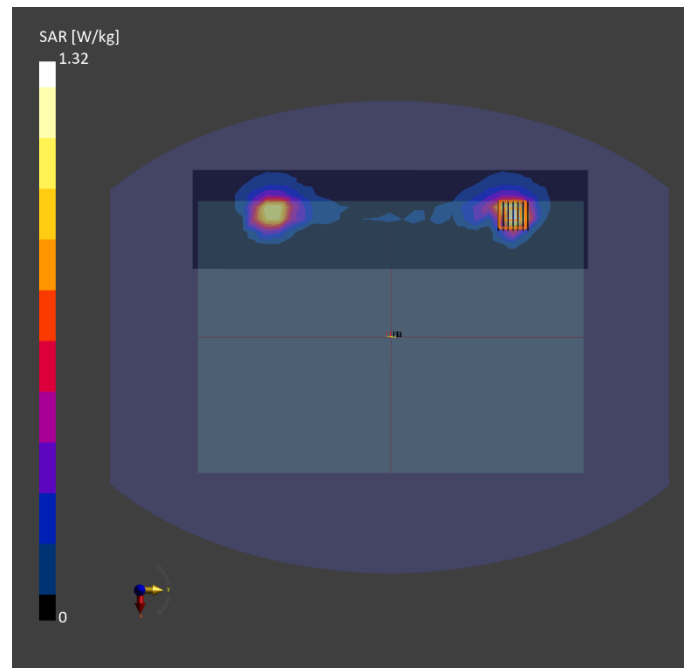
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 320.0	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]	1.01	1.09
psSAR-10g [W/kg]	0.373	0.395
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.4
Dist 3dB Peak [mm]		8.6



Test Date : 2024-11-06 | Ambient Temp : 22.5 °C | Tissue Temp : 21.9 °C

Test Mode**5_WLAN5.9G_802.11ac VHT160_Bottom of laptop_0mm_Ch163_Ant 0+1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	5.01	5.06	33.6

Hardware Setup

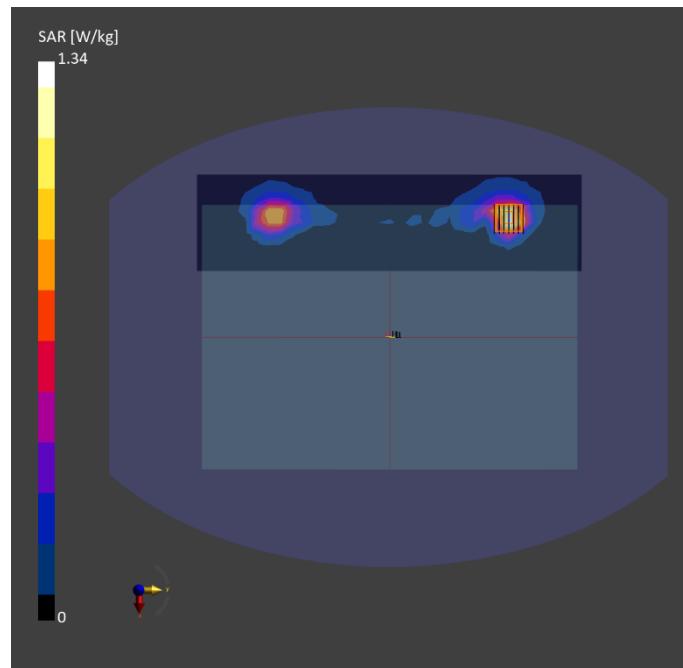
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 320.0	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	0.890
psSAR-10g [W/kg]	0.376	0.325
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.6
Dist 3dB Peak [mm]		8.3



Test Date : 2024-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 21.8 °C

Test Mode**6_Bluetooth_GSKF_Bottom of laptop_0mm_Ch0_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	2402.000, 0	7.25	1.83	41.7

Hardware Setup

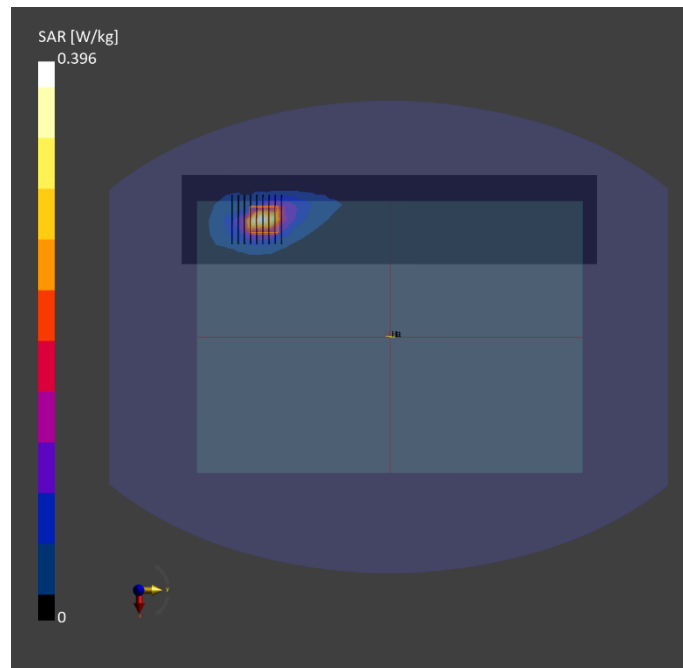
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 324.0	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]	0.304	0.328
psSAR-10g [W/kg]	0.136	0.132
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		42.6
Dist 3dB Peak [mm]		6.5



Test Date : 2024-11-06 | Ambient Temp : 22.5 °C | Tissue Temp : 21.9 °C

Test Mode**7_U-NII 5_802.11ax HE160_Bottom of laptop_0mm_Ch47_Ant 0****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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, 10755 - AAC	6185.000, 47	5.25	5.48	33.0

Hardware Setup

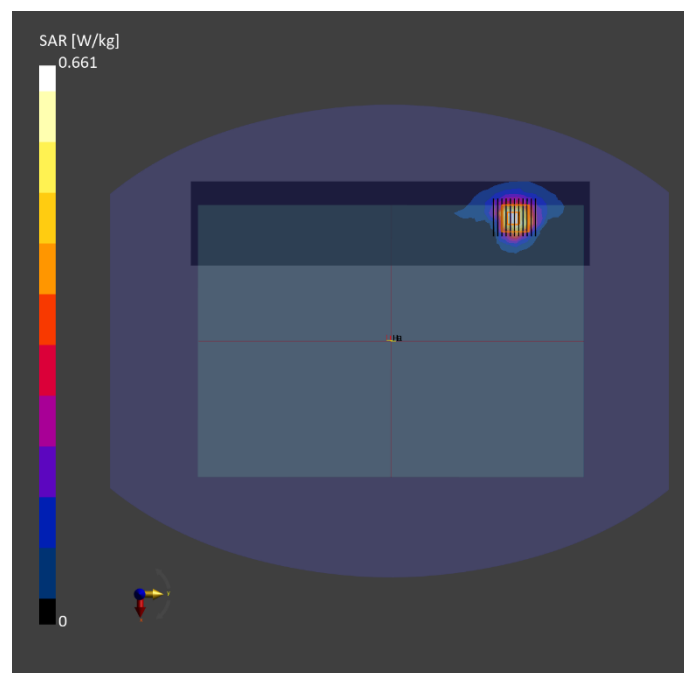
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 323.0	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]	0.552	0.613
psSAR-10g [W/kg]	0.207	0.223
psAPD (1.0 cm ² , sq) [W/m ²]		6.13
psAPD (4.0 cm ² , sq) [W/m ²]		4.98
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.7
Dist 3dB Peak [mm]		7.1



Test Date : 2024-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 21.8 °C

Test Mode**8_WLAN2.4G_802.11b_Top Side of keyboard_0mm_Ch1_Ant 0+1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	2412.000, 1	7.25	1.84	41.7

Hardware Setup

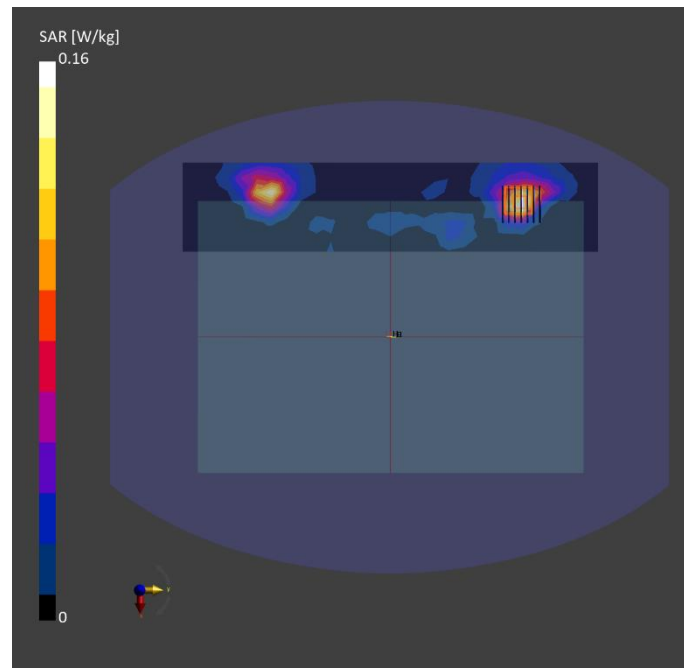
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 324.0	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]	0.129	0.139
psSAR-10g [W/kg]	0.064	0.065
Power Drift [dB]		0.16
TSL Correction	Positive only	Positive only
M2 / M1 [%]		44.0
Dist 3dB Peak [mm]		9.0



Test Date : 2024-11-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.0 °C

Test Mode**9_WLAN5.3G_802.11ac VHT160_Top Side of keyboard_0mm_Ch50_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	5.56	4.61	34.3

Hardware Setup

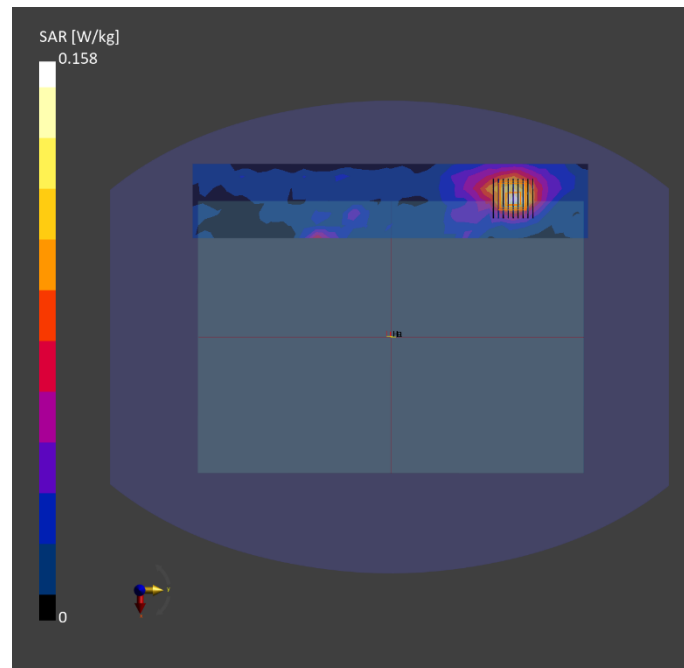
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 320.0	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]	0.118	0.117
psSAR-10g [W/kg]	0.049	0.054
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.6
Dist 3dB Peak [mm]		9.2



Test Date : 2024-11-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.0 °C

Test Mode**10_WLAN5.6G_802.11ac VHT80_Top Side of keyboard_0mm_Ch138_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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, 10544 - AAD	5690.000, 138	5.07	5.18	34.3

Hardware Setup

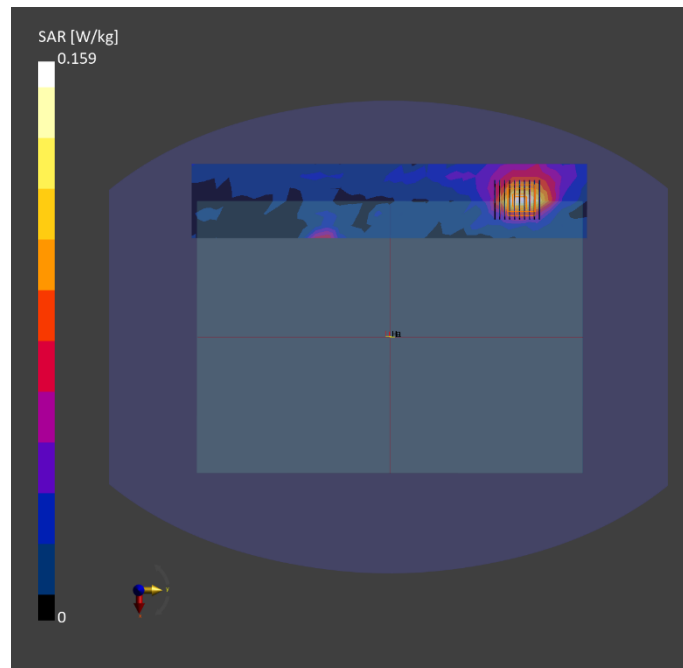
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 320.0	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]	0.121	0.127
psSAR-10g [W/kg]	0.049	0.059
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.0
Dist 3dB Peak [mm]		9.2



Test Date : 2024-11-05 | Ambient Temp : 22.6 °C | Tissue Temp : 22.0 °C

Test Mode**11_WLAN5.8G_802.11ac VHT80_Top Side of keyboard_0mm_Ch155_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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, 10544 - AAD	5775.000, 155	5.01	5.04	34.6

Hardware Setup

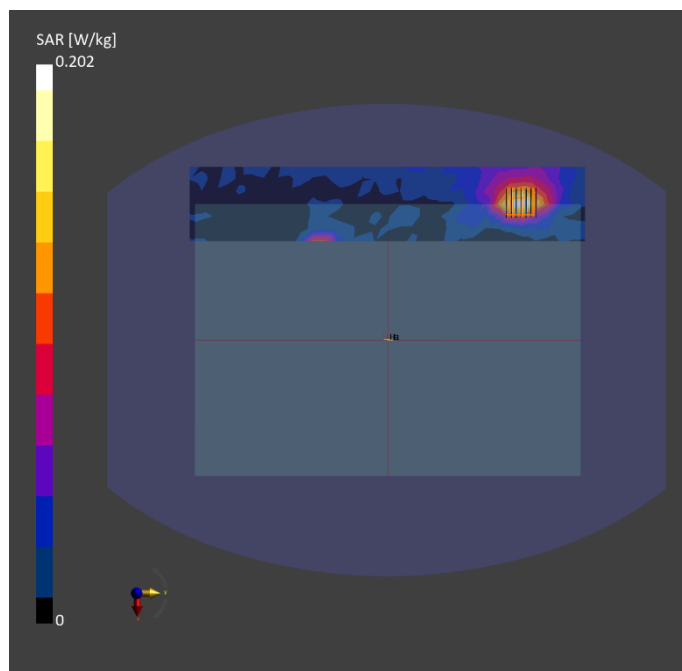
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 320.0	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]	0.151	0.159
psSAR-10g [W/kg]	0.060	0.069
Power Drift [dB]		-0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.9
Dist 3dB Peak [mm]		8.4



Test Date : 2024-11-06 | Ambient Temp : 22.5 °C | Tissue Temp : 21.9 °C

Test Mode**12_WLAN5.9G_802.11ac VHT160_Top Side of keyboard_0mm_Ch163_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	5825.000, 165	5.01	4.93	34.3

Hardware Setup

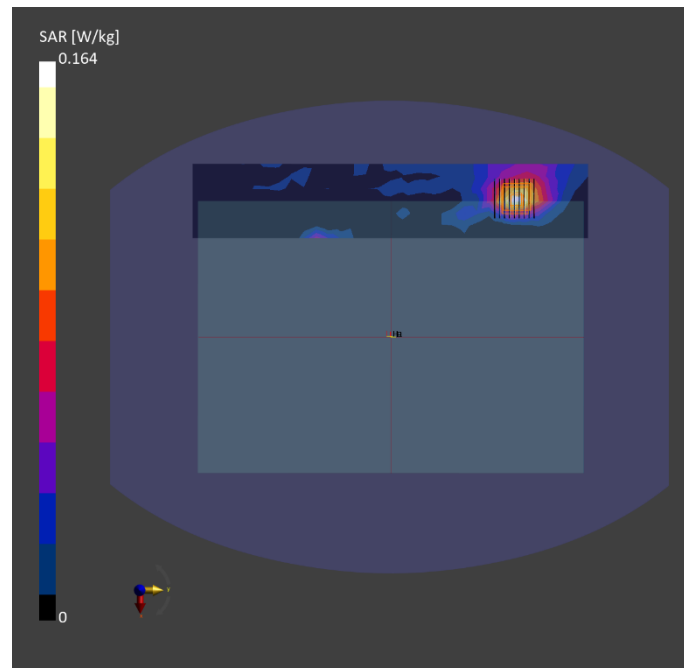
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 320.0	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]	0.122	0.138
psSAR-10g [W/kg]	0.049	0.058
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.9
Dist 3dB Peak [mm]		8.0



Test Date : 2024-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 21.8 °C

Test Mode**13_Bluetooth_GSKF_Top Side of keyboard_0mm_Ch0_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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	2402.000, 0	7.25	1.83	41.7

Hardware Setup

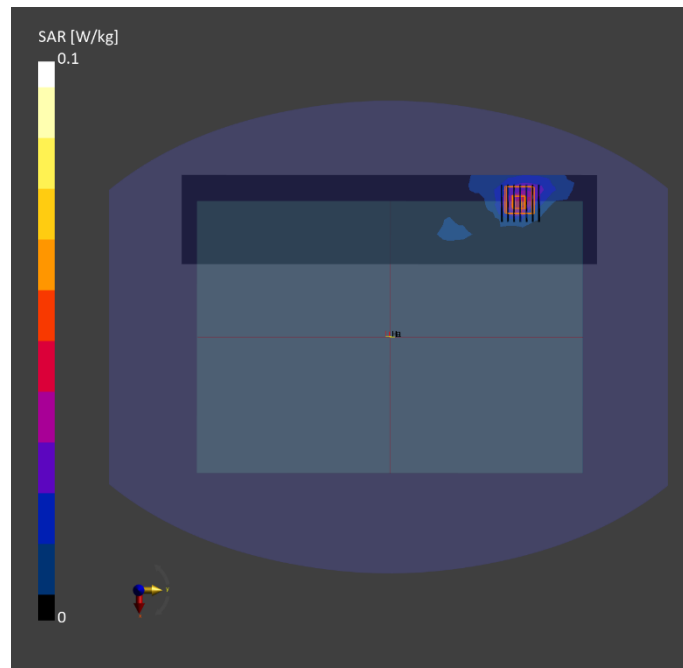
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 324.0	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]	0.041	0.042
psSAR-10g [W/kg]	0.020	0.020
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		46.1
Dist 3dB Peak [mm]		8.6



Test Date : 2024-11-06 | Ambient Temp : 22.5 °C | Tissue Temp : 21.9 °C

Test Mode**14_U-NII 5_802.11ax HE160_Top Side of keyboard_0mm_Ch47_Ant 0****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	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, 10755 - AAC	6185.000, 47	5.25	5.48	33.0

Hardware Setup

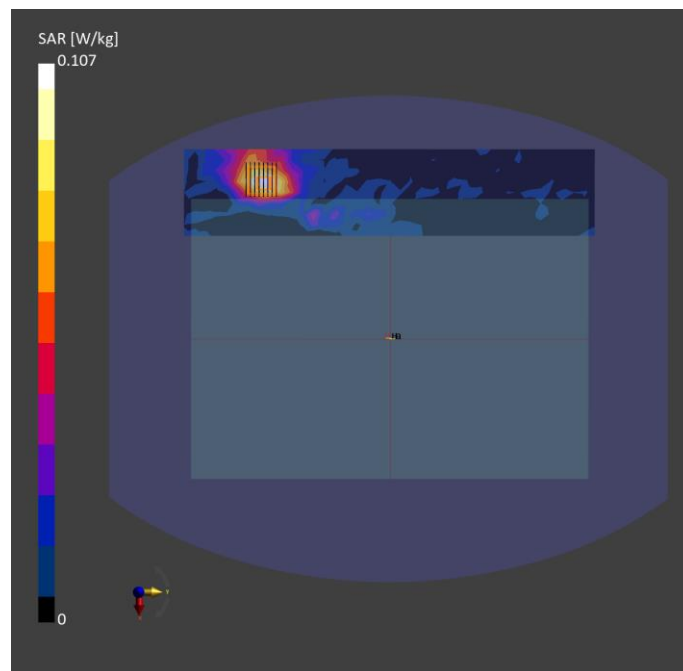
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 323.0	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]	0.084	0.087
psSAR-10g [W/kg]	0.035	0.034
psAPD (1.0 cm ² , sq) [W/m ²]		0.867
psAPD (4.0 cm ² , sq) [W/m ²]		0.759
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.1
Dist 3dB Peak [mm]		7.8



Test Date : 2024-11-07 | Ambient Temp : 22.4 °C

Test Mode**15_U-NII 5_802.11ax HE160_Bottom of laptop_0mm_Ch47_Ant 0****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	A002	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

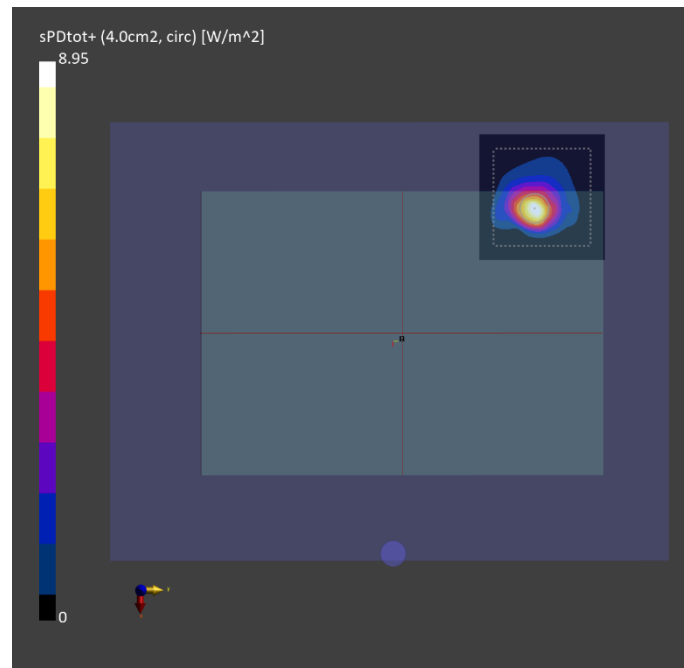
Phantom	Medium	Probe Calibration Date	DAE Calibration Date
mmWave - 1102	Air	EUmmWV4 - SN9639_F1-55GHz / 2024-09-16	DAE4 Sn1742 / 2024-08-15

Scan Setup

	5G Scan
Grid Extents [mm]	97.0 x 97.0
Grid Steps [mm]	0.0515 x 0.0515
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	5.55
psPD tot+ [W/m ²]	8.95
psPD mod+ [W/m ²]	11.2
Peak PD tot [W/m ²]	27.0
Power Drift [dB]	-0.03



Test Date : 2024-11-13 | Ambient Temp : 22.8 °C

Test Mode**15_U-NII 5_802.11ax HE160_Top Side of keyboard_0mm_Ch47_Ant 0****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	UM3406K	A002	Laptop

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10755 - AAC	6185.000, 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

Scan Setup

	5G Scan
Grid Extents [mm]	97.0 x 97.0
Grid Steps [mm]	0.0515 x 0.0515
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	0.005
psPD tot+ [W/m ²]	0.061
psPD mod+ [W/m ²]	0.071
Peak PD tot [W/m ²]	0.277
Power Drift [dB]	-0.13

