
Appendix C – Highest Test Plots

Test Date : 2024-10-07 | Ambient Temp : 22.8 °C | Tissue Temp : 22.0 °C

Test Mode**1_WLAN2.4G_802.11b_Left Side_0mm_Ch11_Ant 0_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	Tablet

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	2462.000, 11	7.25	1.79	39.1

Hardware Setup

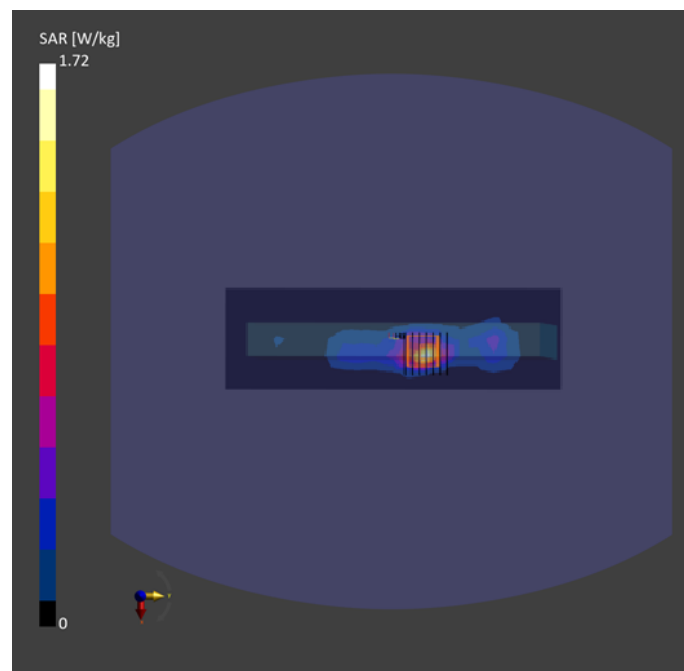
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 240.0	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]	1.03	1.12
psSAR-10g [W/kg]	0.488	0.617
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		42.2
Dist 3dB Peak [mm]		6.4



Test Date : 2024-10-08 | Ambient Temp : 22.6 °C | Tissue Temp : 21.8 °C

Test Mode**2_WLAN5.3G_802.11ac VHT80_Front Edge of laptop_0mm_Ch58_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	5290.000, 58	5.56	4.64	35.1

Hardware Setup

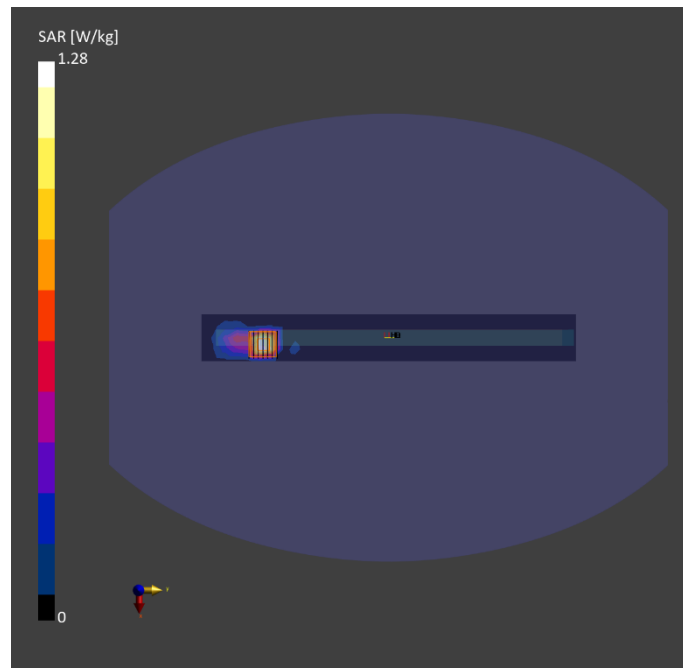
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	30.0 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	1.18
psSAR-10g [W/kg]	0.337	0.228
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.3
Dist 3dB Peak [mm]		6.4



Test Date : 2024-10-09 | Ambient Temp : 22.7 °C | Tissue Temp : 21.8 °C

Test Mode**3_WLAN5.6G_802.11ac VHT80_Front Edge of laptop_0mm_Ch138_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	5.21	33.5

Hardware Setup

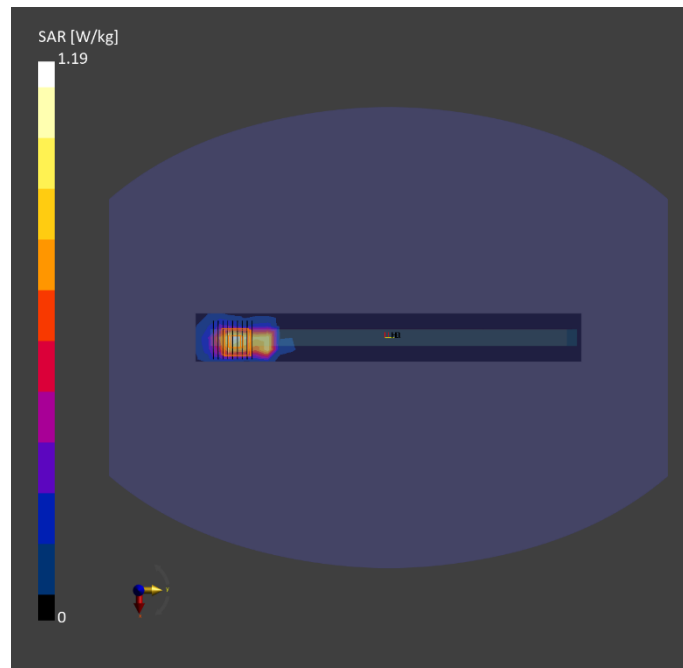
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	30.0 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]	0.897	1.08
psSAR-10g [W/kg]	0.331	0.346
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.0
Dist 3dB Peak [mm]		6.6



Test Date : 2024-10-11 | Ambient Temp : 22.5 °C | Tissue Temp : 21.6 °C

Test Mode**4_WLAN5.8G_802.11ac VHT80_Left Side_0mm_Ch155_Ant 0_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	Tablet

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	5.30	33.3

Hardware Setup

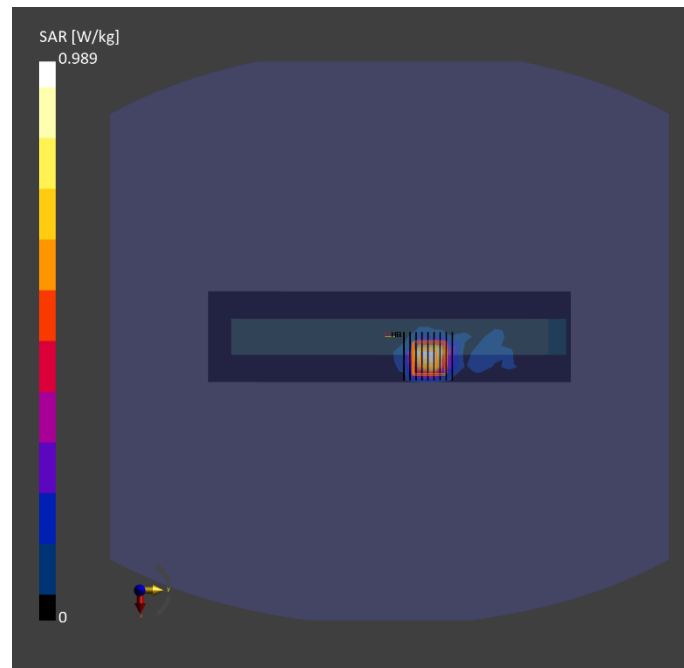
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 x 240.0	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]	0.816	1.04
psSAR-10g [W/kg]	0.269	0.282
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.7
Dist 3dB Peak [mm]		5.6



Test Date : 2024-10-14 | Ambient Temp : 22.4 °C | Tissue Temp : 21.7 °C

Test Mode**5_WLAN5.9G_802.11ac VHT80_Left Side_0mm_Ch171_Ant 0_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	Tablet

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	5.01	5.35	33.2

Hardware Setup

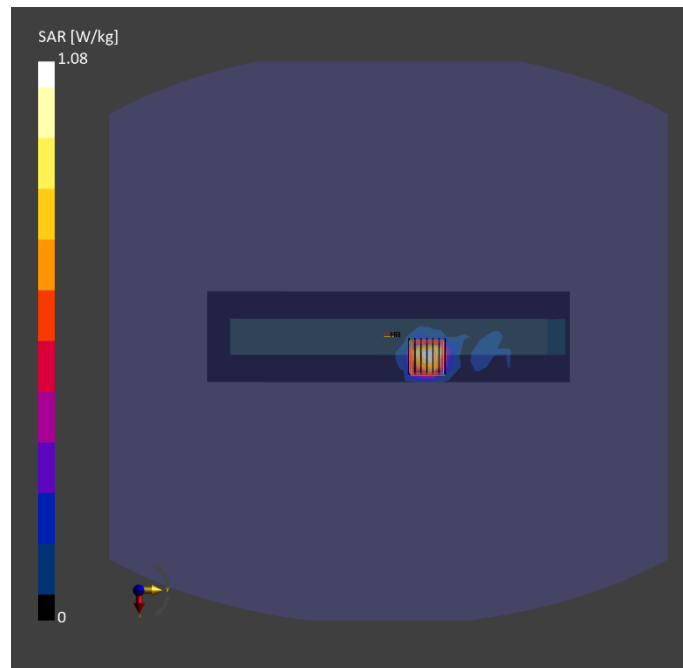
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 x 240.0	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]	0.889	1.16
psSAR-10g [W/kg]	0.288	0.304
Power Drift [dB]		0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.8
Dist 3dB Peak [mm]		5.6



Test Date : 2024-10-15 | Ambient Temp : 22.7 °C | Tissue Temp : 22.1 °C

Test Mode**6_Bluetooth_GFSK_Front Edge of laptop_0mm_Ch78_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	7.25	1.77	37.7

Hardware Setup

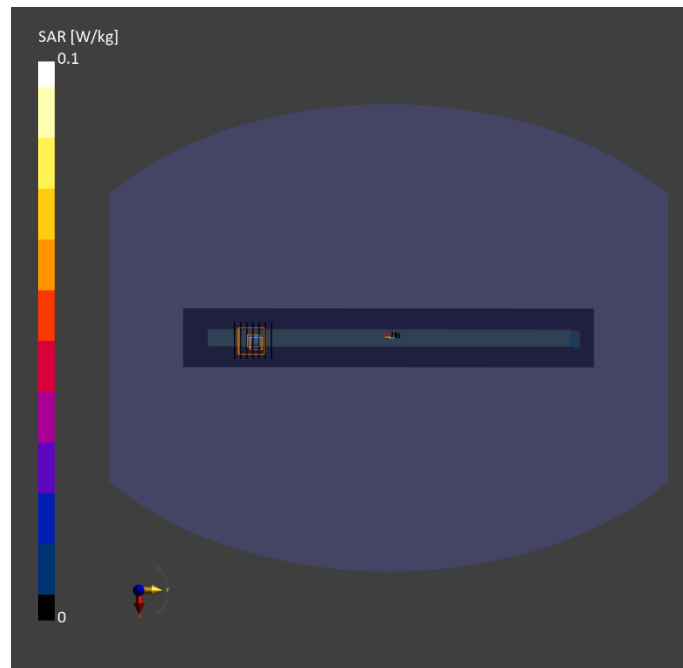
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 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]	0.008	0.009
psSAR-10g [W/kg]	0.004	0.003
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		46.8
Dist 3dB Peak [mm]		6.0



Test Date : 2024-10-07 | Ambient Temp : 22.8 °C | Tissue Temp : 22.0 °C

Test Mode**7_WLAN 2.4G_802.11b_Top Side of keyboard_0mm_Ch1_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	1.76	39.2

Hardware Setup

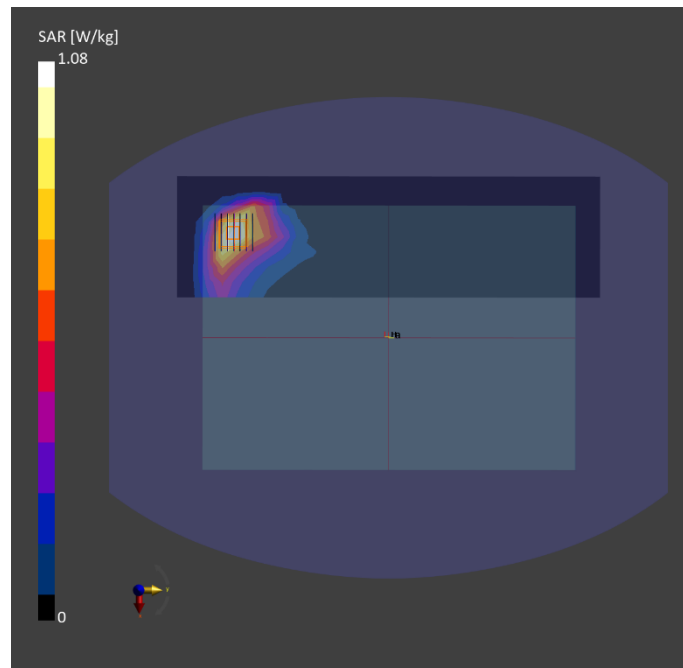
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 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]	0.909	0.835
psSAR-10g [W/kg]	0.497	0.409
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.9
Dist 3dB Peak [mm]		14.0



Test Date : 2024-10-08 | Ambient Temp : 22.6 °C | Tissue Temp : 21.8 °C

Test Mode**8_WLAN5.3G_802.11ac VHT80_Top Side of keyboard_0mm_Ch58_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	5290.000, 58	5.56	4.64	35.1

Hardware Setup

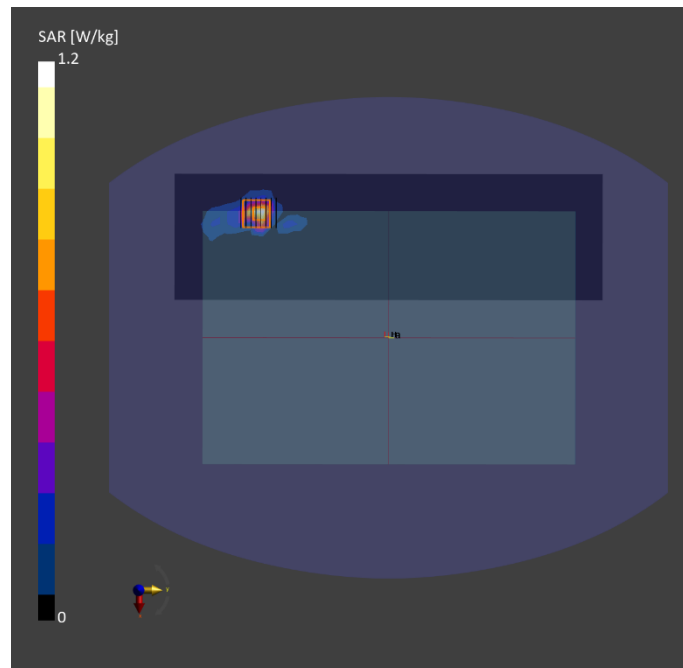
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 330.0	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]	0.818	0.919
psSAR-10g [W/kg]	0.243	0.257
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.8
Dist 3dB Peak [mm]		6.1



Test Date : 2024-10-09 | Ambient Temp : 22.7 °C | Tissue Temp : 21.8 °C

Test Mode**9_WLAN5.6G_802.11ac VHT80_Top Side of keyboard_0mm_Ch138_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	5.21	33.5

Hardware Setup

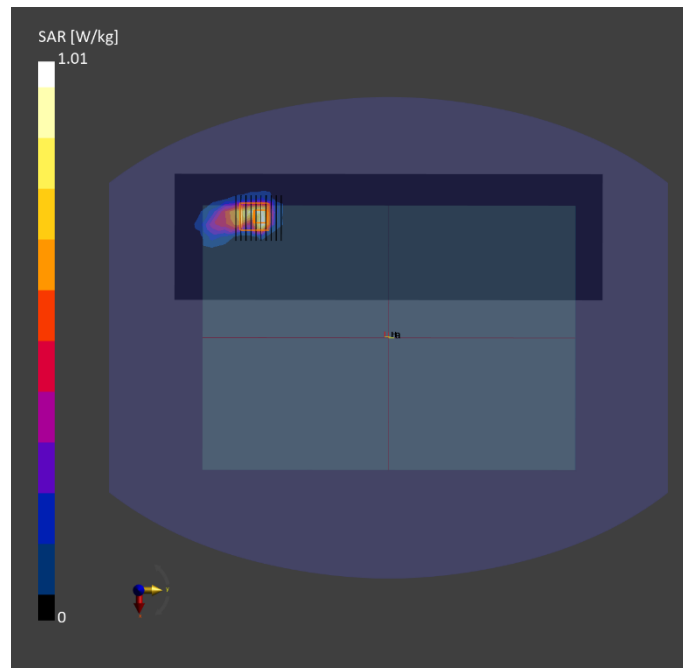
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 330.0	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]	0.777	0.787
psSAR-10g [W/kg]	0.267	0.272
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.3
Dist 3dB Peak [mm]		8.0



Test Date : 2024-10-11 | Ambient Temp : 22.5 °C | Tissue Temp : 21.6 °C

Test Mode**10_WLAN5.8G_802.11ac VHT80_Top Side of keyboard_0mm_Ch155_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	5.30	33.3

Hardware Setup

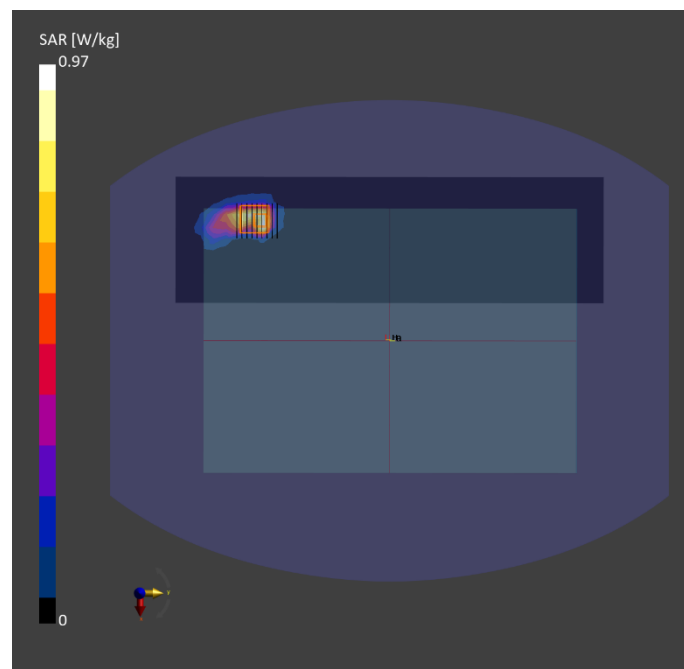
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 330.0	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]	0.752	0.754
psSAR-10g [W/kg]	0.266	0.270
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.6
Dist 3dB Peak [mm]		7.9



Test Date : 2024-10-14 | Ambient Temp : 22.4 °C | Tissue Temp : 21.7 °C

Test Mode**11_WLAN5.9G_802.11ac VHT80_Top Side of keyboard_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	BR1204FTA	A005	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	5.01	5.35	33.2

Hardware Setup

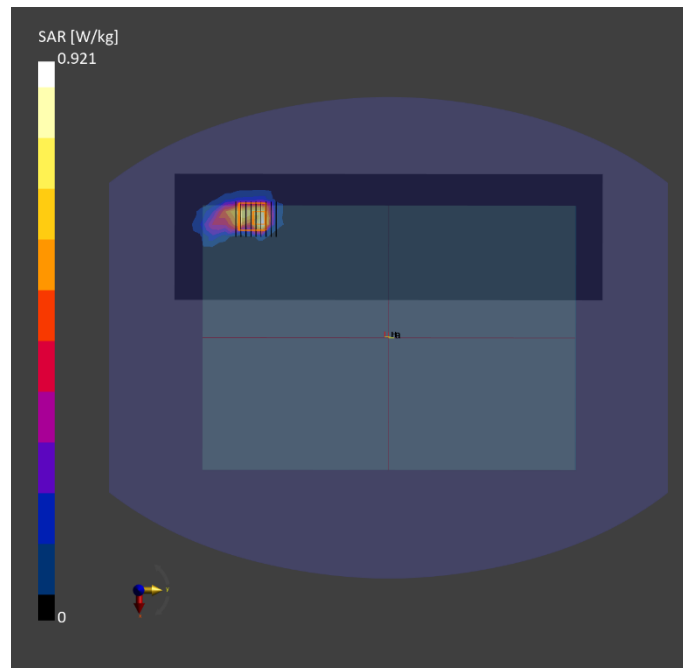
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7737 / 2024-07-31	DAE4 Sn1743 / 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 330.0	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]	0.697	0.699
psSAR-10g [W/kg]	0.251	0.257
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.1
Dist 3dB Peak [mm]		7.4



Test Date : 2024-10-15 | Ambient Temp : 22.7 °C | Tissue Temp : 22.1 °C

Test Mode**12_Bluetooth_GFSK_Top Side of keyboard_0mm_Ch78_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	BR1204FTA	A005	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	7.25	1.77	37.7

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]	84.0 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]	0.011	0.019
psSAR-10g [W/kg]	0.006	0.007
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.0
Dist 3dB Peak [mm]		10.3

