
Appendix C – Highest Test Plots

Test Date : 2024-11-18 | Ambient Temp : 22.1 °C | Tissue Temp : 21.4 °C

Test Mode**1_WLAN2.4G_802.11b_Front Edge of laptop_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	FX607V	A003	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	6.96	1.84	41.7

Hardware Setup

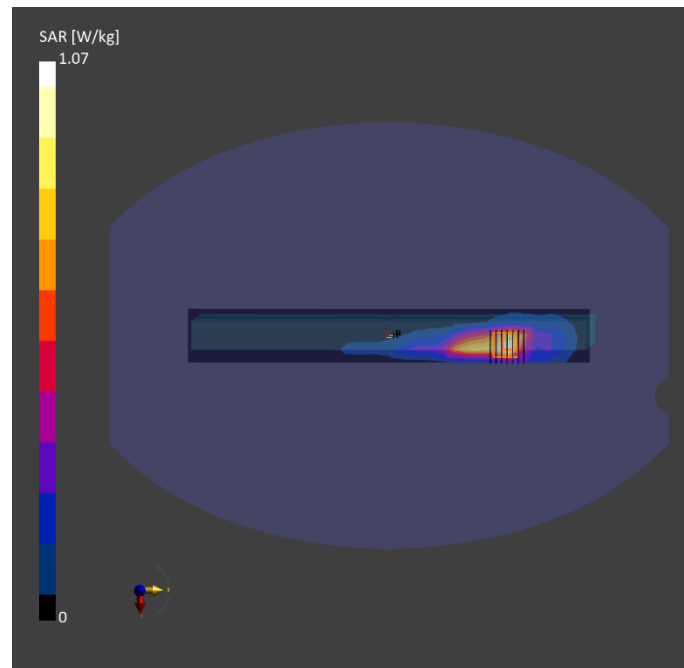
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 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]	0.856	0.935
psSAR-10g [W/kg]	0.439	0.439
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		49.9
Dist 3dB Peak [mm]		9.5



Test Date : 2024-11-19 | Ambient Temp : 22.3 °C | Tissue Temp : 21.4 °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	FX607V	A003	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	5.45	4.76	34.5

Hardware Setup

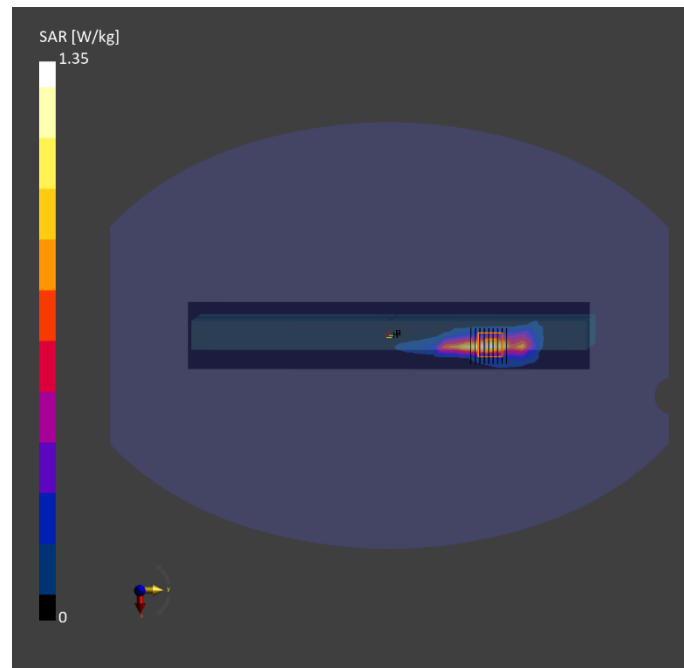
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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]	0.910	1.00
psSAR-10g [W/kg]	0.302	0.315
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.1
Dist 3dB Peak [mm]		5.6



Test Date : 2024-11-19 | Ambient Temp : 22.3 °C | Tissue Temp : 21.4 °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	FX607V	A003	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	4.88	5.18	34.3

Hardware Setup

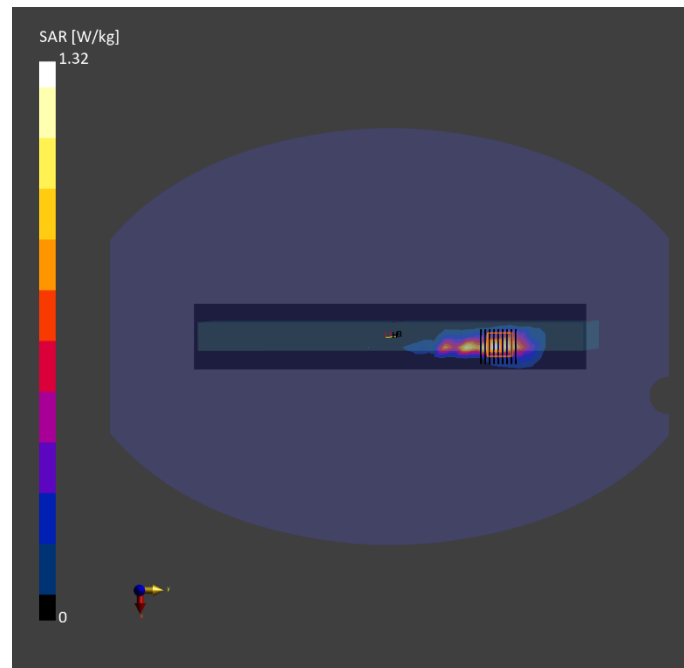
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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]	0.945	1.12
psSAR-10g [W/kg]	0.328	0.370
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.8
Dist 3dB Peak [mm]		5.6



Test Date : 2024-11-20 | Ambient Temp : 22.2 °C | Tissue Temp : 21.3 °C

Test Mode**5_WLAN5.8G_802.11ac 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	FX607V	A003	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	5.40	33.3

Hardware Setup

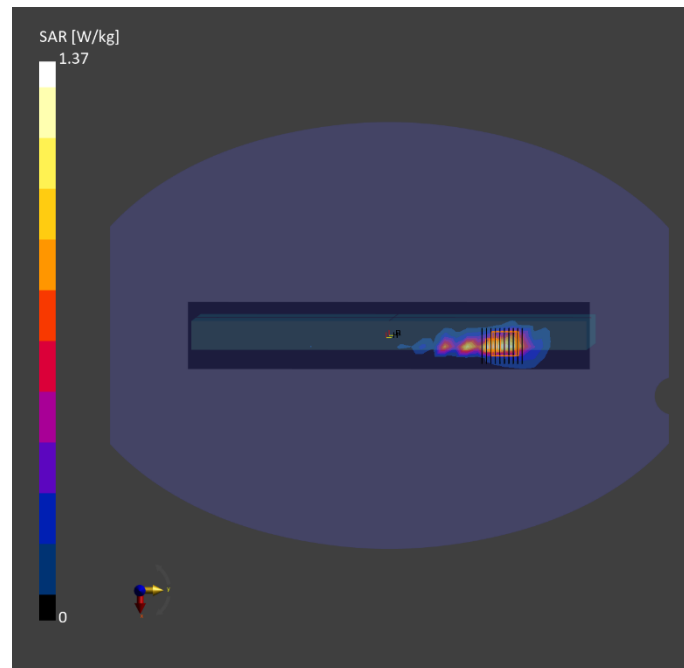
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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]	0.934	1.13
psSAR-10g [W/kg]	0.332	0.381
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.6
Dist 3dB Peak [mm]		5.1



Test Date : 2024-11-21 | Ambient Temp : 22.3 °C | Tissue Temp : 21.2 °C

Test Mode**6_Bluetooth_GFSK_Front Edge of laptop_0mm_Ch0_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FX607V	A003	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	6.96	1.79	38.6

Hardware Setup

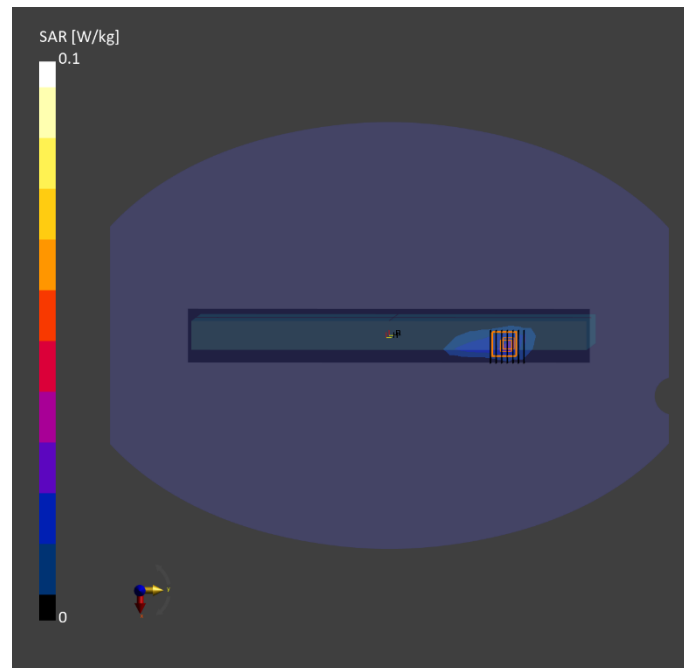
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 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]	0.024	0.026
psSAR-10g [W/kg]	0.012	0.011
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		47.5
Dist 3dB Peak [mm]		7.1



Test Date : 2024-11-18 | Ambient Temp : 22.1 °C | Tissue Temp : 21.4 °C

Test Mode**7_WLAN2.4G_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	FX607V	A003	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	6.96	1.84	41.7

Hardware Setup

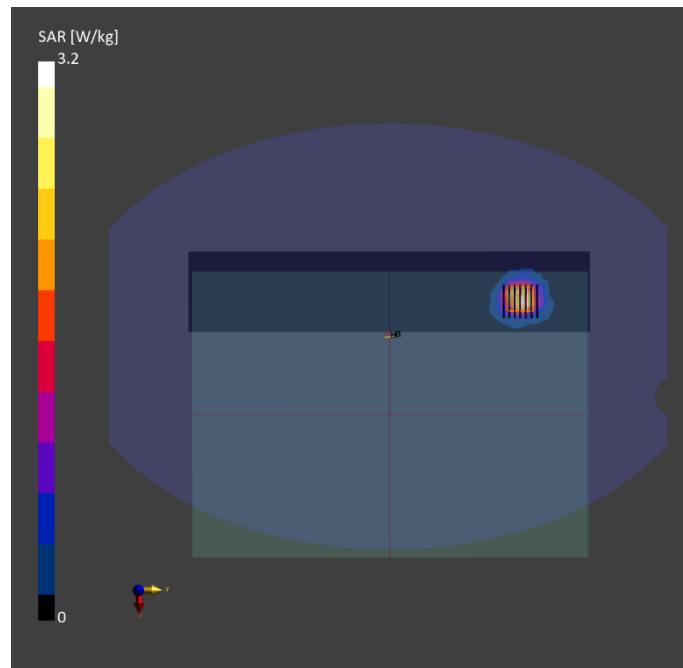
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

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]	2.61	2.89
psSAR-10g [W/kg]	1.27	1.37
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		46.7
Dist 3dB Peak [mm]		8.3



Test Date : 2024-11-19 | Ambient Temp : 22.3 °C | Tissue Temp : 21.4 °C

Test Mode**8_WLAN5.3G_802.11ac VHT80_Top Side of keyboard_0mm_Ch58_Ant 0_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FX607V	A003	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	5.45	4.78	34.3

Hardware Setup

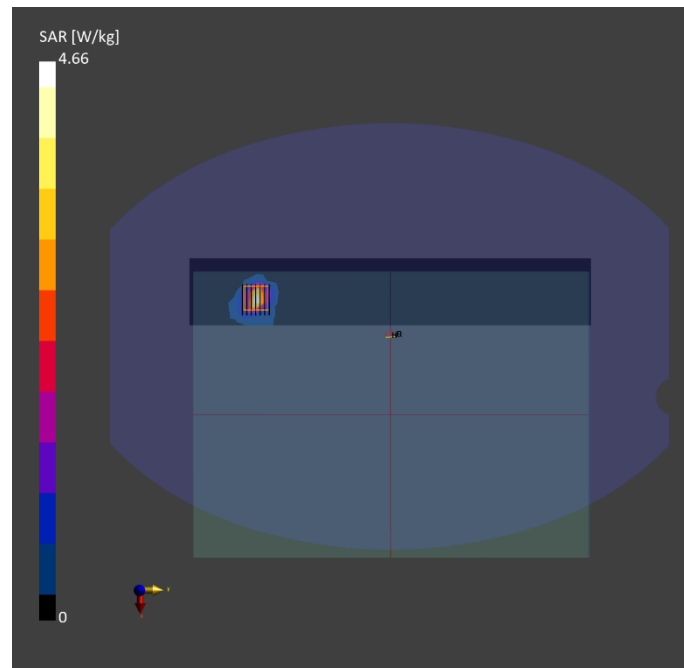
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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]	3.13	3.36
psSAR-10g [W/kg]	0.970	1.07
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.5
Dist 3dB Peak [mm]		6.6



Test Date : 2024-11-19 | Ambient Temp : 22.3 °C | Tissue Temp : 21.4 °C

Test Mode**9_WLAN5.6G_802.11ac VHT80_Top Side of 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	FX607V	A003	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	4.88	5.18	34.3

Hardware Setup

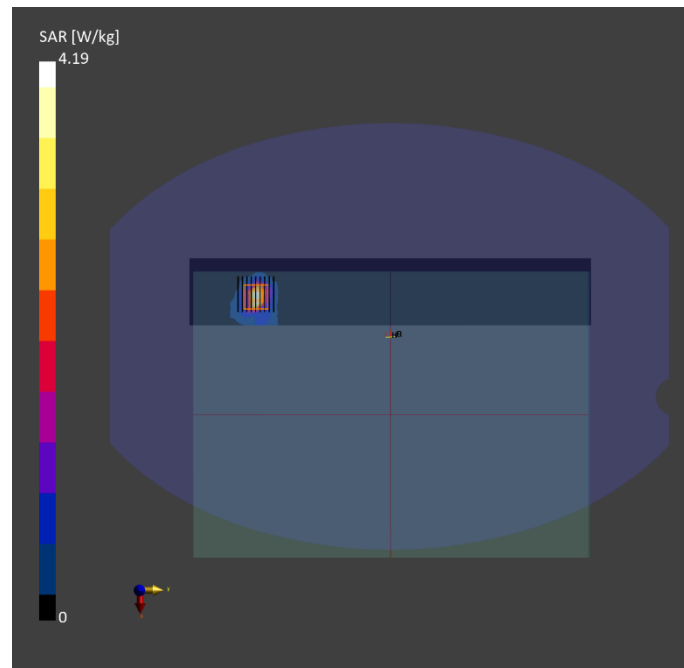
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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]	3.04	3.12
psSAR-10g [W/kg]	0.945	1.04
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.4
Dist 3dB Peak [mm]		7.2



Test Date : 2024-11-20 | Ambient Temp : 22.2 °C | Tissue Temp : 21.3 °C

Test Mode**11_WLAN5.8G_802.11ac VHT80_Top Side of keyboard_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	FX607V	A003	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	5.40	33.3

Hardware Setup

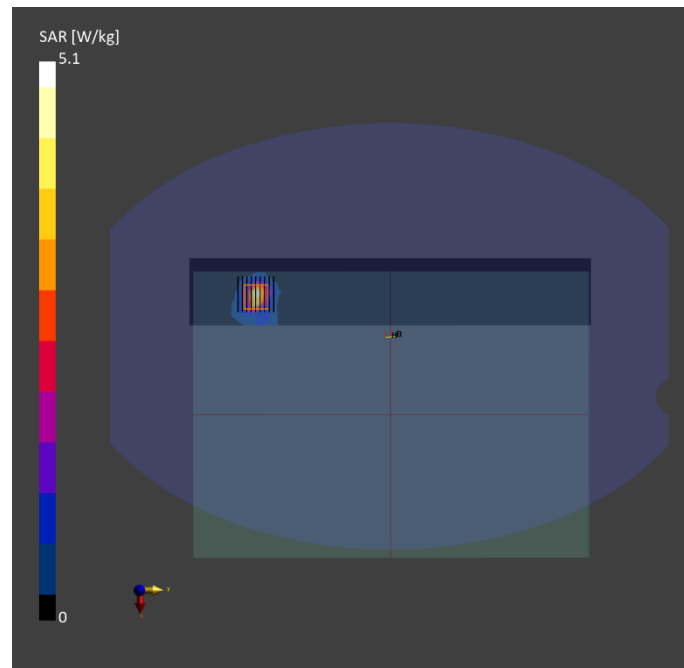
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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]	3.59	3.74
psSAR-10g [W/kg]	1.11	1.23
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.1
Dist 3dB Peak [mm]		6.9



Test Date : 2024-11-21 | Ambient Temp : 22.3 °C | Tissue Temp : 21.2 °C

Test Mode**12_Bluetooth_GFSK_Top Side of keyboard_0mm_Ch0_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	FX607V	A003	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	6.96	1.79	38.6

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

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]	0.065	0.074
psSAR-10g [W/kg]	0.031	0.035
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		46.7
Dist 3dB Peak [mm]		9.1

