
Appendix C – Highest Test Plots

Test Date : 2024-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.5 °C

Test Mode**1_WLAN2.4G_802.11b_Front Edge of laptop_0mm_Ch11_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FTA	A005	Convertible PC

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	6.96	1.80	39.2

Hardware Setup

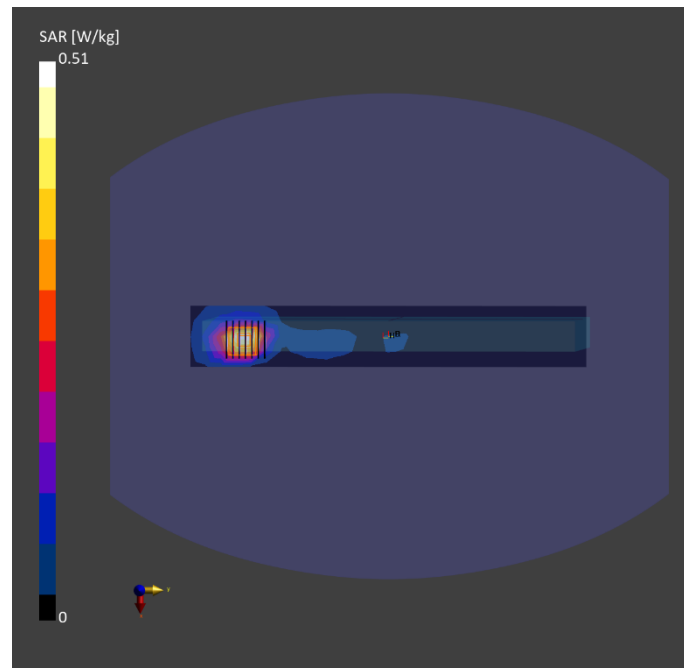
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	36.0 x 312.0	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]	0.437	0.501
psSAR-10g [W/kg]	0.214	0.223
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		46.9
Dist 3dB Peak [mm]		7.1



Test Date : 2024-11-25 | Ambient Temp : 22.1 °C | Tissue Temp : 21.2 °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	CR1204FTA	A005	Convertible PC

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	4.45	34.2

Hardware Setup

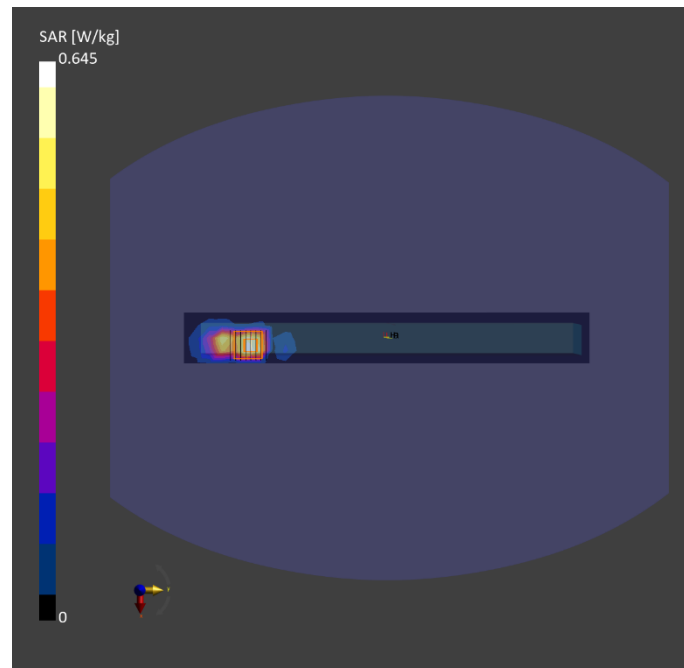
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 310.0	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]	0.533	0.717
psSAR-10g [W/kg]	0.189	0.207
Power Drift [dB]		0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.1
Dist 3dB Peak [mm]		6.4



Test Date : 2024-11-26 | Ambient Temp : 22.2 °C | Tissue Temp : 21.3 °C

Test Mode**3_WLAN5.6G_802.11ac 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	CR1204FTA	A005	Convertible PC

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	4.88	4.71	34.5

Hardware Setup

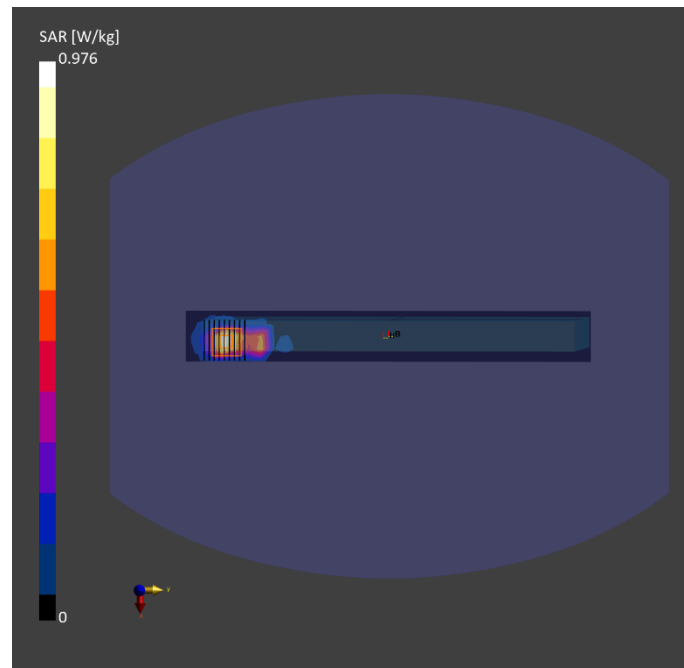
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 310.0	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]	0.741	0.983
psSAR-10g [W/kg]	0.256	0.299
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.3
Dist 3dB Peak [mm]		6.9



Test Date : 2024-11-27 | Ambient Temp : 22.1 °C | Tissue Temp : 20.9 °C

Test Mode**4_WLAN5.8G_802.11ac VHT80_Front Edge of laptop_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	CR1204FTA	A005	Convertible PC

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	5.32	33.5

Hardware Setup

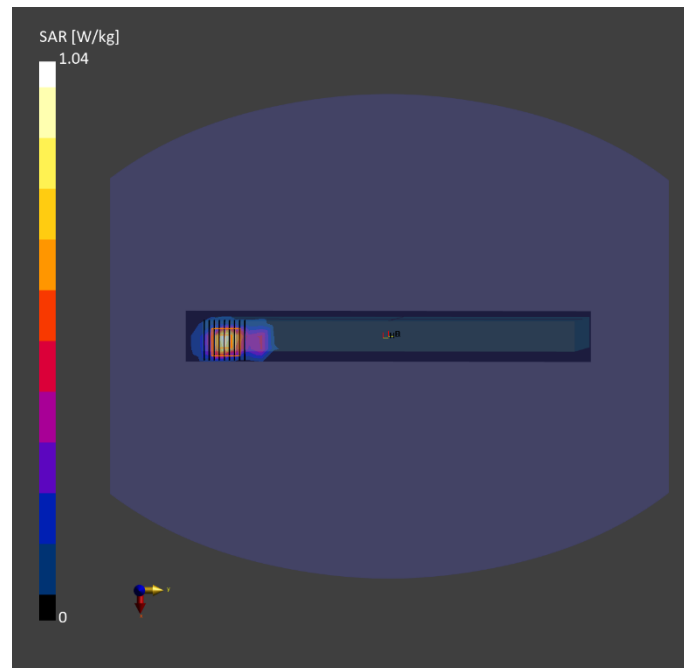
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 310.0	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]	0.786	1.04
psSAR-10g [W/kg]	0.263	0.311
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.0
Dist 3dB Peak [mm]		6.9



Test Date : 2024-11-29 | Ambient Temp : 22.1 °C | Tissue Temp : 21.0 °C

Test Mode**5_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	CR1204FTA	A005	Convertible PC

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	1.84	40.1

Hardware Setup

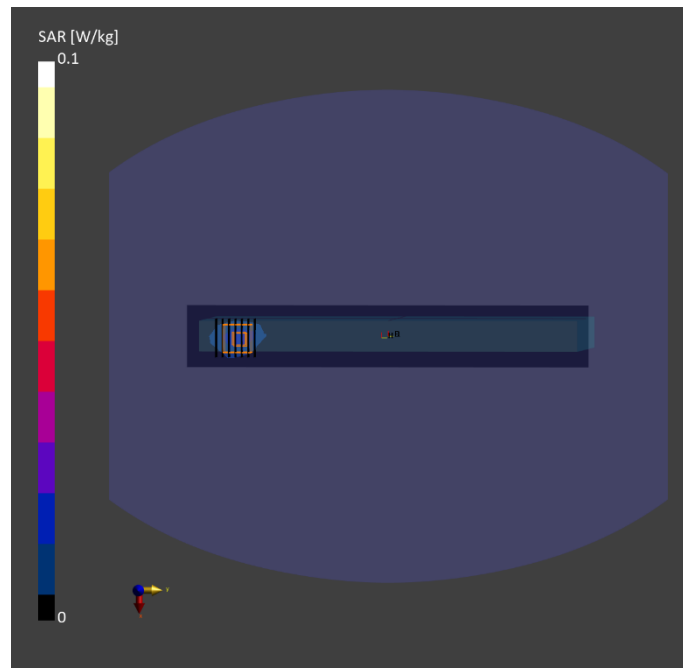
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	36.0 x 312.0	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]	0.020	0.021
psSAR-10g [W/kg]	0.01	0.009
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		46.7
Dist 3dB Peak [mm]		8.0



Test Date : 2024-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.5 °C

Test Mode**6_WLAN2.4G_802.11b_Top Side of keyboard_0mm_Ch11_Ant 1_Sample 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FTA	A005	Convertible PC

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	6.96	1.80	39.2

Hardware Setup

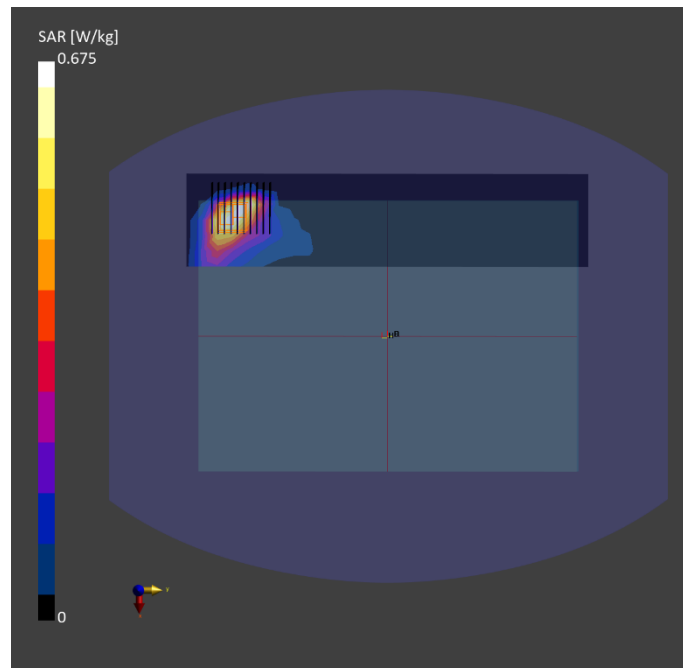
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 312.0	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]	0.571	0.626
psSAR-10g [W/kg]	0.309	0.322
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		40.6
Dist 3dB Peak [mm]		8.6



Test Date : 2024-11-25 | Ambient Temp : 22.1 °C | Tissue Temp : 21.2 °C

Test Mode**7_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	CR1204FTA	A005	Convertible PC

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	4.45	34.2

Hardware Setup

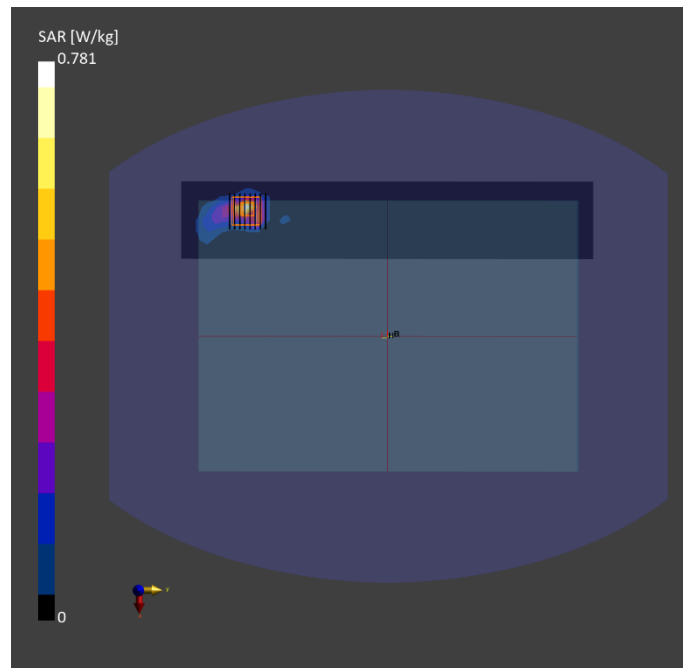
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 310.0	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]	0.490	0.587
psSAR-10g [W/kg]	0.154	0.174
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		63.1
Dist 3dB Peak [mm]		6.1



Test Date : 2024-11-26 | Ambient Temp : 22.2 °C | Tissue Temp : 21.3 °C

Test Mode**8_WLAN5.6G_802.11ac VHT80_Top Side of keyboard_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	CR1204FTA	A005	Convertible PC

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	4.88	4.71	34.5

Hardware Setup

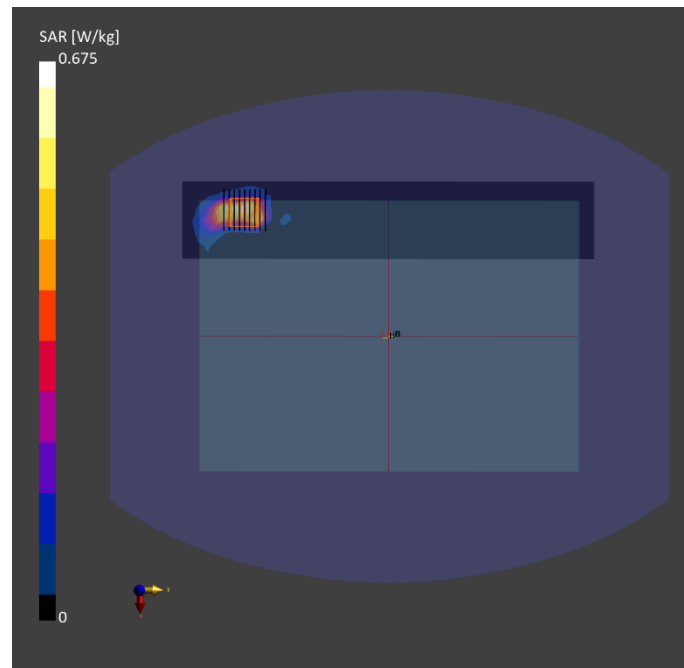
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 310.0	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]	0.497	0.592
psSAR-10g [W/kg]	0.180	0.197
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.4
Dist 3dB Peak [mm]		6.9



Test Date : 2024-11-27 | Ambient Temp : 22.1 °C | Tissue Temp : 20.9 °C

Test Mode**9_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	CR1204FTA	A005	Convertible PC

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	5.32	33.5

Hardware Setup

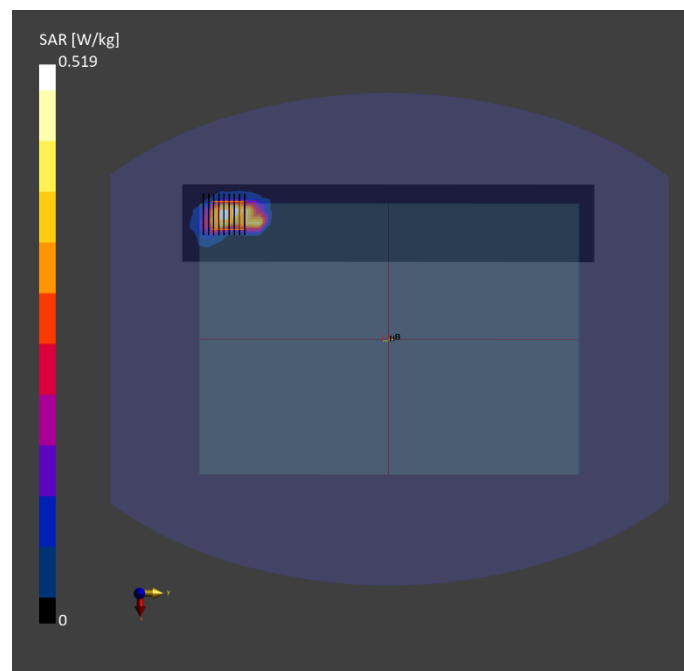
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1741 / 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 310.0	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]	0.421	0.525
psSAR-10g [W/kg]	0.152	0.171
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.1
Dist 3dB Peak [mm]		7.3



Test Date : 2024-11-29 | Ambient Temp : 22.1 °C | Tissue Temp : 21.0 °C

Test Mode**10_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	CR1204FTA	A005	Convertible PC

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	1.84	40.1

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 312.0	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]	0.025	0.028
psSAR-10g [W/kg]	0.013	0.013
Power Drift [dB]		-0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		39.1
Dist 3dB Peak [mm]		8.0

