
Appendix C – Highest Test Plots

Test Date : 2024-11-26 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode**1_WLAN2.4G_802.11b_Front Side 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	A004	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	7.09	1.87	39.0

Hardware Setup

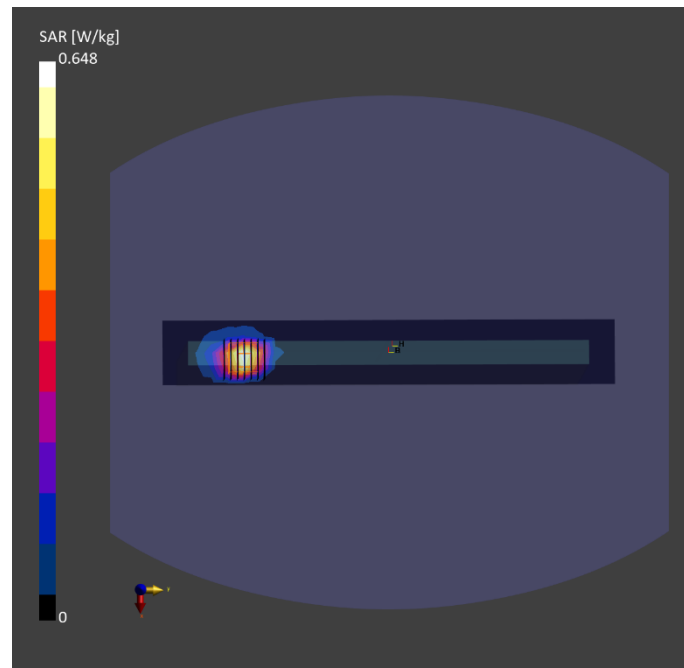
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 336.0	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]	0.555	0.655
psSAR-10g [W/kg]	0.260	0.253
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		39.9
Dist 3dB Peak [mm]		6.4



Test Date : 2024-11-27 | Ambient Temp : 22.6 °C | Tissue Temp : 21.3 °C

Test Mode**2_WLAN5.3G_802.11ac VHT80_Front Side 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	A004	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	5.27	4.32	34.2

Hardware Setup

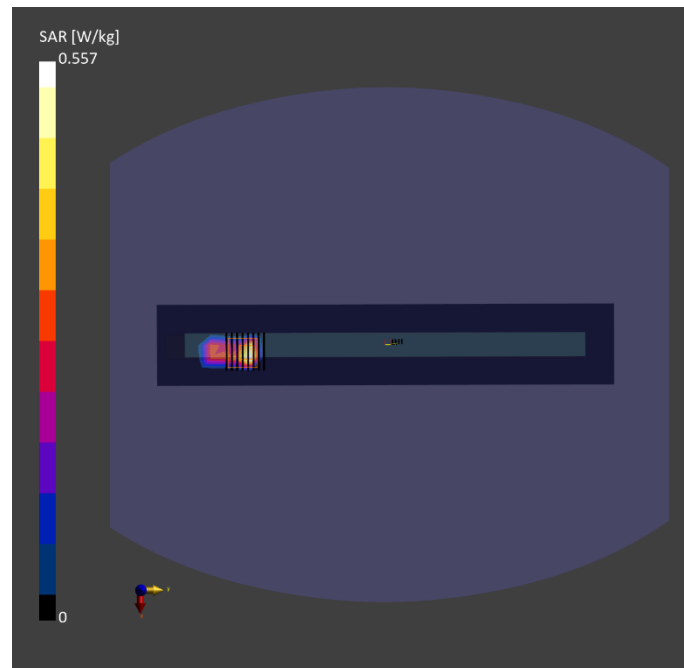
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 340.0	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]	0.431	0.579
psSAR-10g [W/kg]	0.116	0.099
Power Drift [dB]		-0.16
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.9
Dist 3dB Peak [mm]		6.4



Test Date : 2024-11-28 | Ambient Temp : 22.3 °C | Tissue Temp : 21.3 °C

Test Mode**3_WLAN5.6G_802.11ac VHT80_Front Side 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	A004	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	4.7	4.79	34.2

Hardware Setup

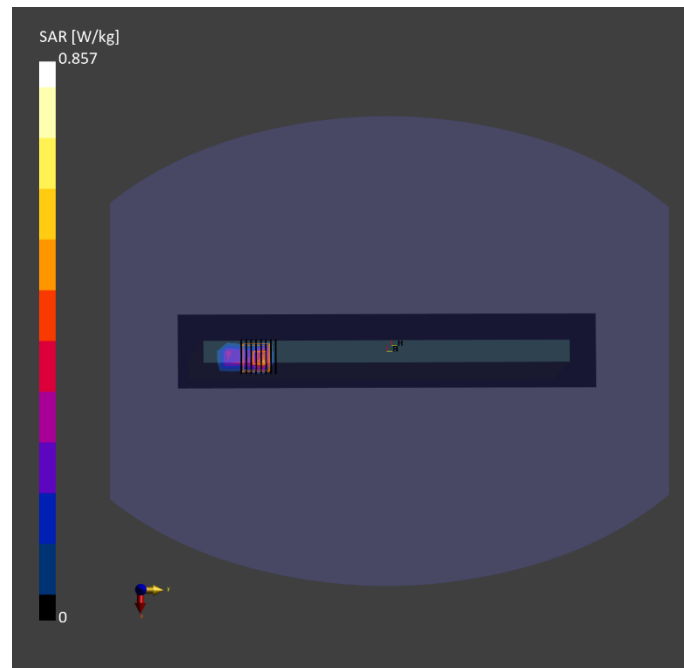
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 340.0	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]	0.631	0.732
psSAR-10g [W/kg]	0.175	0.117
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.9
Dist 3dB Peak [mm]		6.7



Test Date : 2024-11-29 | Ambient Temp : 22.7 °C | Tissue Temp : 21.5 °C

Test Mode**4_WLAN5.8G_802.11ac VHT80_Front Side 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	A004	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	4.73	5.02	33.5

Hardware Setup

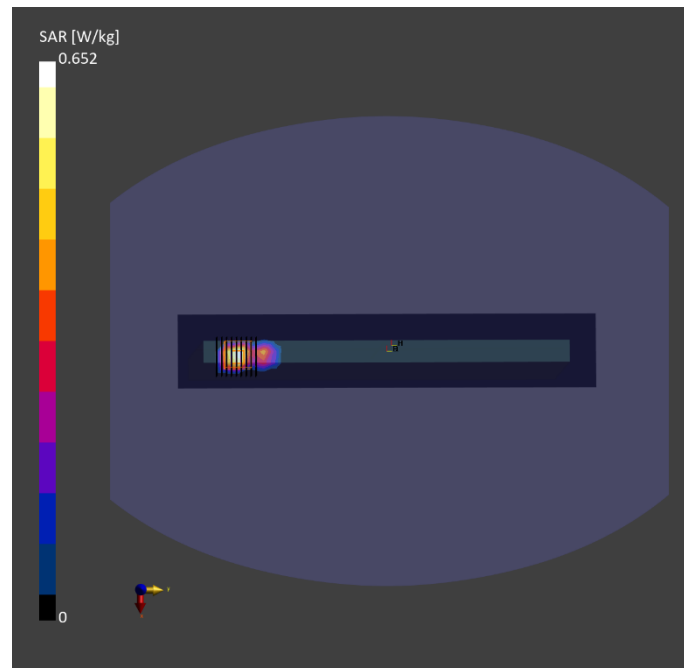
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 340.0	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]	0.582	0.663
psSAR-10g [W/kg]	0.163	0.099
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.7
Dist 3dB Peak [mm]		6.4



Test Date : 2024-11-26 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode**5_Bluetooth_GSKF_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	A004	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	7.09	1.83	39.1

Hardware Setup

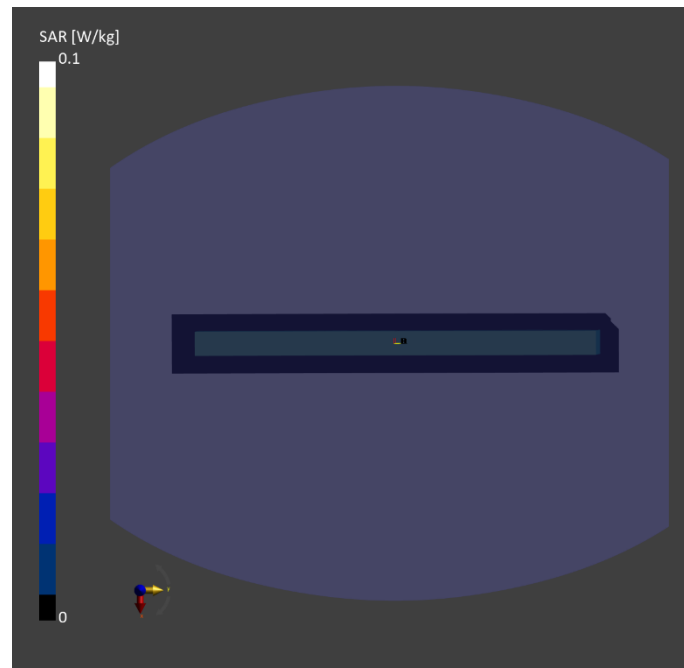
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 336.0	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]	0.001	0.001
psSAR-10g [W/kg]	0.001	0.001
Power Drift [dB]		-0.00
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.8
Dist 3dB Peak [mm]		11.4



Test Date : 2024-11-26 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °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	A004	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	7.09	1.87	39.0

Hardware Setup

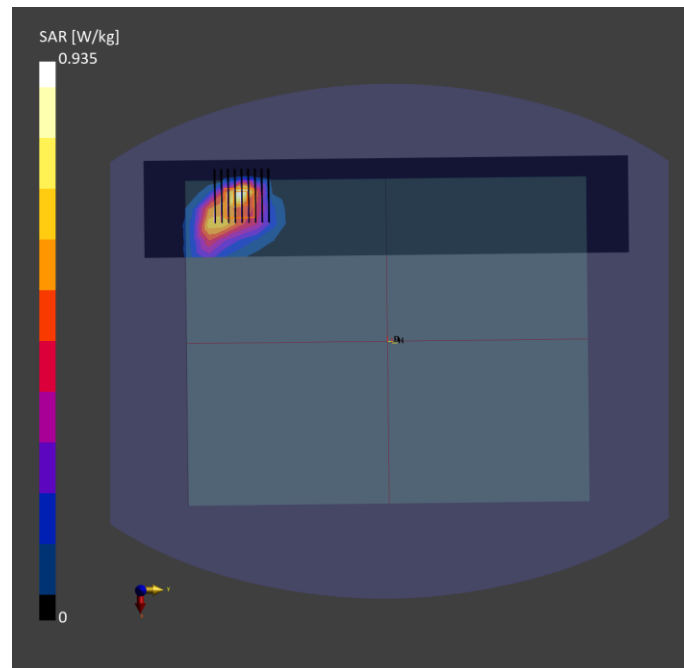
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 348.0	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]	0.692	0.775
psSAR-10g [W/kg]	0.329	0.314
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		38.9
Dist 3dB Peak [mm]		6.4



Test Date : 2024-11-27 | Ambient Temp : 22.6 °C | Tissue Temp : 21.3 °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	A004	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	5.27	4.32	34.2

Hardware Setup

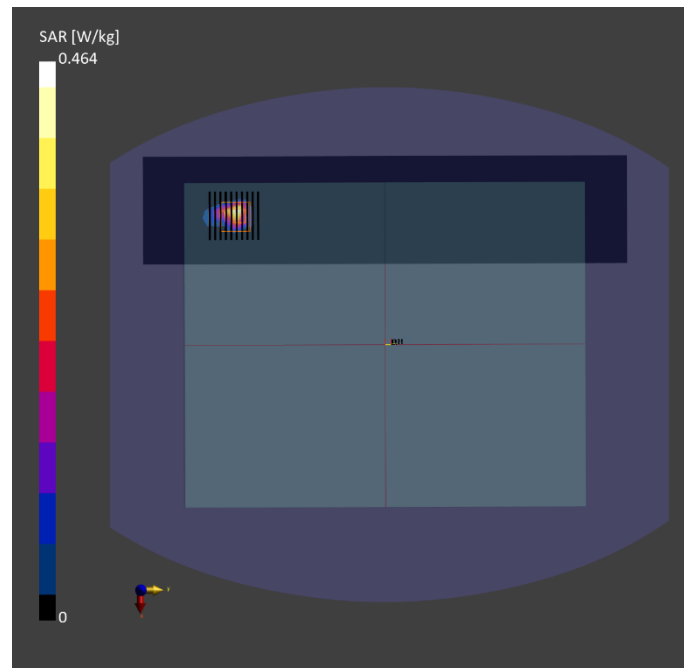
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 348.0	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]	0.332	0.331
psSAR-10g [W/kg]	0.092	0.091
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.3
Dist 3dB Peak [mm]		5.6



Test Date : 2024-11-28 | Ambient Temp : 22.3 °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	A004	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	4.7	4.79	34.2

Hardware Setup

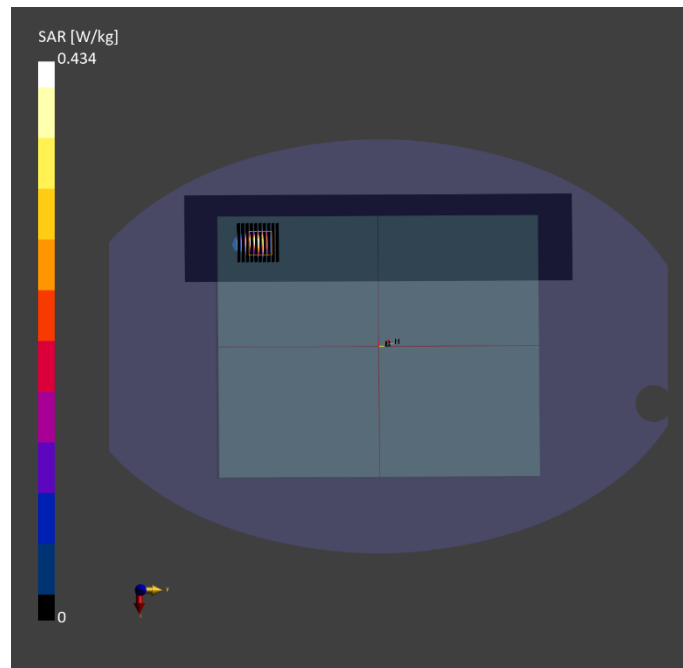
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 348.0	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]	0.374	0.312
psSAR-10g [W/kg]	0.099	0.089
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.3
Dist 3dB Peak [mm]		5.6



Test Date : 2024-11-29 | Ambient Temp : 22.7 °C | Tissue Temp : 21.5 °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	A004	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	4.73	5.06	33.7

Hardware Setup

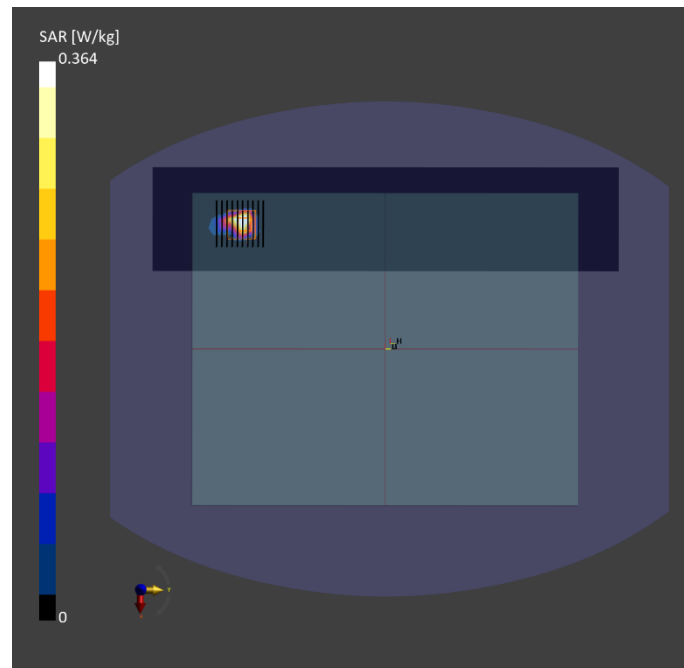
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 348.0	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]	0.231	0.276
psSAR-10g [W/kg]	0.064	0.086
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.3
Dist 3dB Peak [mm]		5.6



Test Date : 2024-11-26 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °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	A004	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	7.09	1.83	39.1

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7756 / 2024-09-04	DAE4 Sn1742 / 2024-08-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 348.0	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]	0.001	0.001
psSAR-10g [W/kg]	0.001	0.001
Power Drift [dB]		0.00
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.4
Dist 3dB Peak [mm]		10.3

