

## **Appendix C – Highest Test Plots**

Test Date : 2024-03-11 | Ambient Temp : 22.9 °C | Tissue Temp : 22.3 °C

**Test Mode**

**1\_WLAN 2.4 GHz\_802.11b\_Bottom of laptop\_0mm\_Ch1\_Ant 1\_Sample 1\_INPAQ**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FG	A001	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	2412.000, 1	7.05	1.79	41.5

**Hardware Setup**

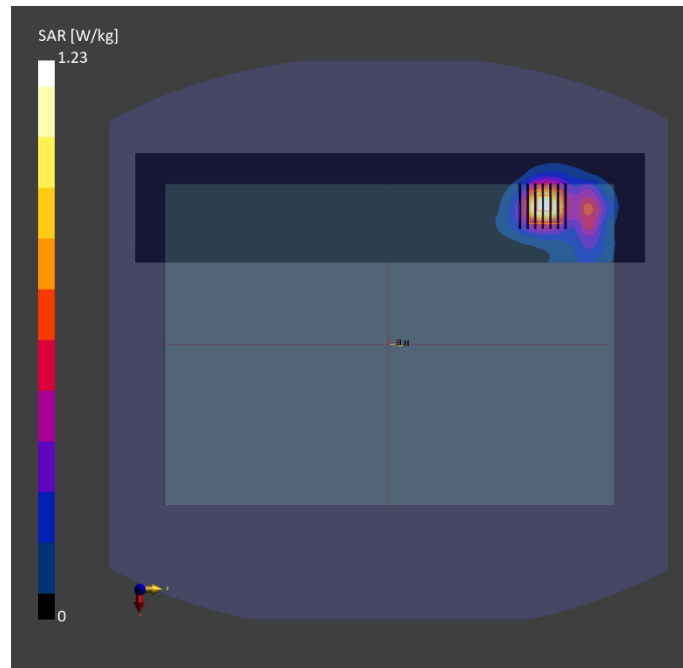
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 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]	1.05	<b>1.15</b>
psSAR-10g [W/kg]	0.512	<b>0.501</b>
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		46.5
Dist 3dB Peak [mm]		9.5



Test Date : 2024-03-11 | Ambient Temp : 22.9 °C | Tissue Temp : 22.3 °C

**Test Mode**

**2\_Bluetooth\_GFSK\_Bottom of laptop\_0mm\_Ch78\_Ant 1\_Sample 1\_INPAQ**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FG	A001	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	2480.000, 78	7.05	1.84	41.5

**Hardware Setup**

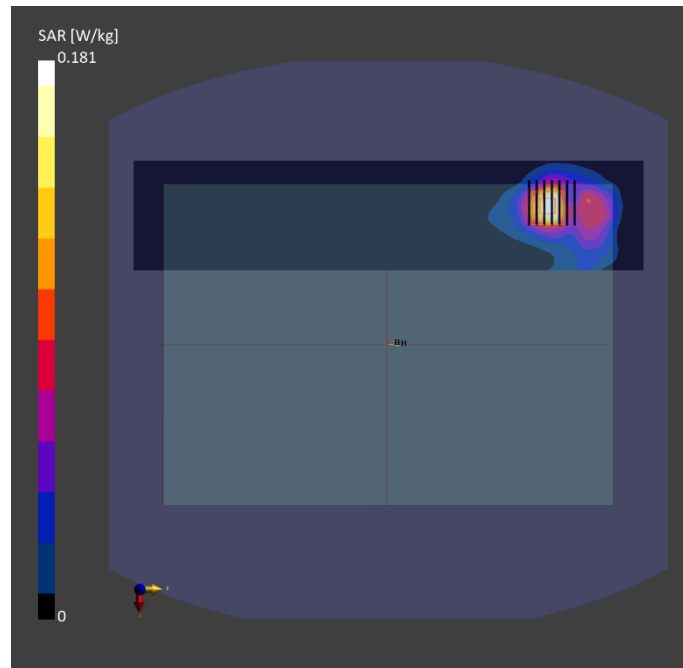
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 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]	0.093	<b>0.103</b>
psSAR-10g [W/kg]	0.045	<b>0.045</b>
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		42.0
Dist 3dB Peak [mm]		8.6



Test Date : 2024-03-12 | Ambient Temp : 22.3 °C | Tissue Temp : 21.9 °C

**Test Mode**

**3\_WLAN 5 GHz\_802.11ac VHT160\_Front Side of laptop\_0mm\_Ch50\_Ant 1\_Sample 1\_INPAQ**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FG	A001	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, 10554 - AAD	5250.000, 50	5.58	4.63	37.2

**Hardware Setup**

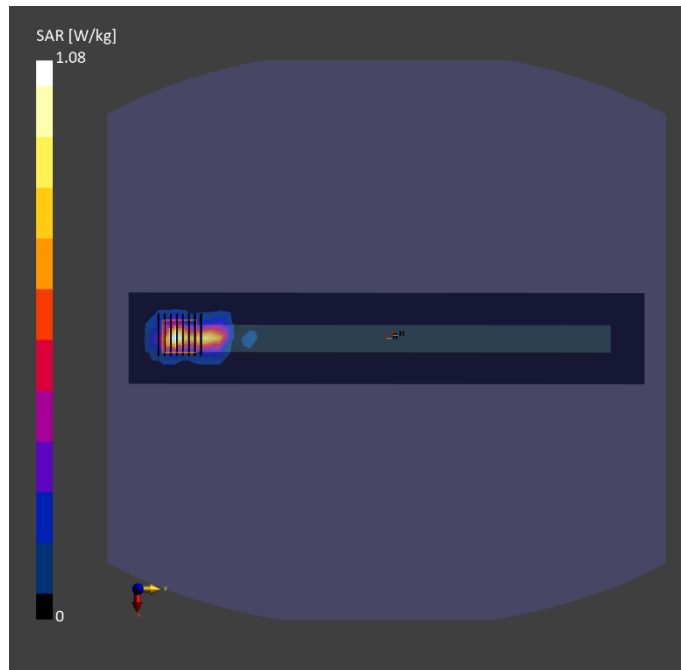
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

**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]	0.687	<b>0.710</b>
psSAR-10g [W/kg]	0.216	<b>0.208</b>
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.1
Dist 3dB Peak [mm]		6.5



Test Date : 2024-03-13 | Ambient Temp : 22.2 °C | Tissue Temp : 21.7 °C

**Test Mode**

**4\_WLAN 5 GHz\_802.11ac VHT160\_Front Side of laptop\_0mm\_Ch114\_Ant 1\_Sample 1\_INPAQ**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FG	A001	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, 10554 - AAD	5570.000, 114	4.83	4.99	36.6

**Hardware Setup**

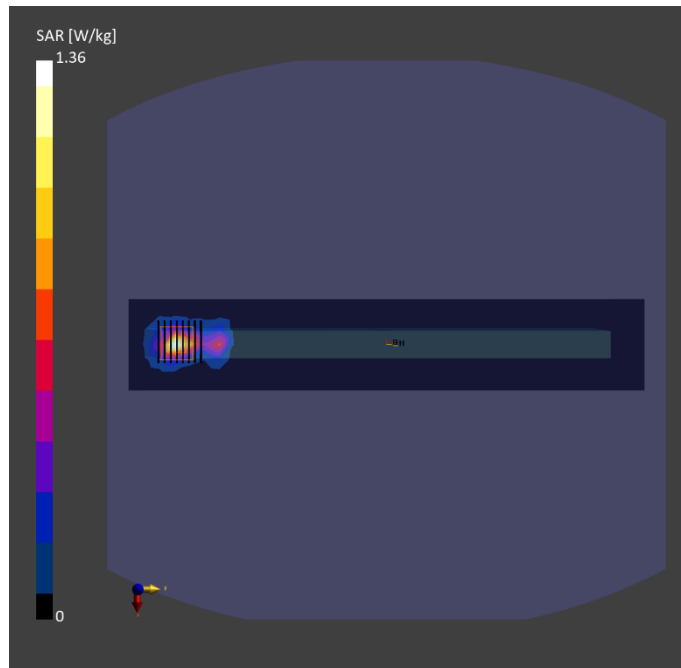
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

**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]	0.881	<b>0.869</b>
psSAR-10g [W/kg]	0.265	<b>0.257</b>
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.1
Dist 3dB Peak [mm]		7.2



Test Date : 2024-03-14 | Ambient Temp : 22.2 °C | Tissue Temp : 21.8 °C

**Test Mode**

**6\_WLAN 5 GHz\_802.11ac VHT160\_Front Side of laptop\_0mm\_Ch163\_Ant 1\_Sample 1\_INPAQ**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FG	A001	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, 10554 - AAD	5815.000, 163	4.9	4.89	37.5

**Hardware Setup**

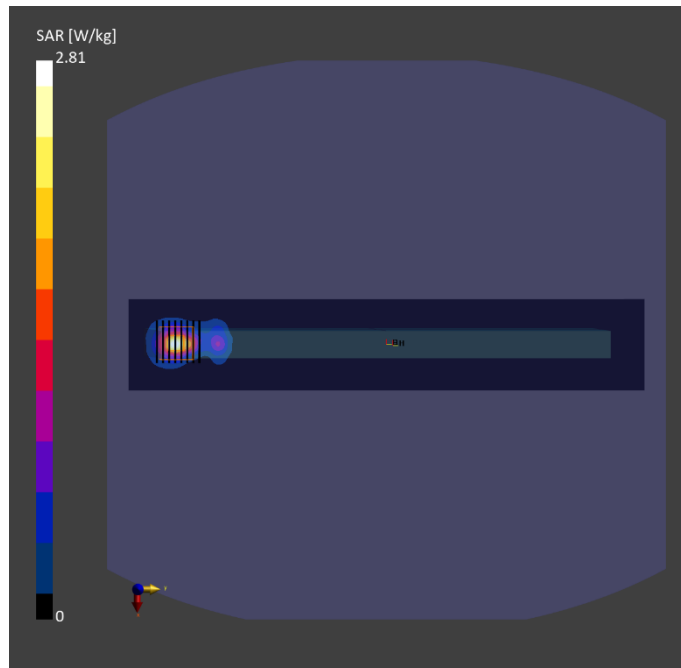
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

**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]	1.00	<b>1.09</b>
psSAR-10g [W/kg]	0.292	<b>0.321</b>
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.3
Dist 3dB Peak [mm]		7.2



Test Date : 2024-03-15 | Ambient Temp : 22.6 °C | Tissue Temp : 22.1 °C

**Test Mode**

**8\_WLAN 6 GHz\_802.11ax HE160\_Left Side\_0mm\_Ch111\_Ant 0\_Sample 1\_INPAQ**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FG	A001	Convertible PC

**Exposure Conditions**

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-6	WLAN, 10755 - AAC	6505.000, 111	5.0	5.94	36.4

**Hardware Setup**

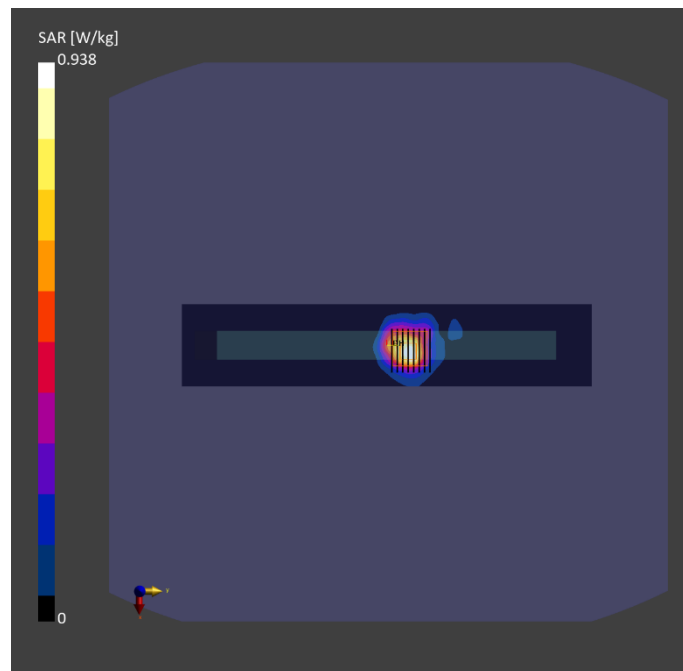
Phantom	Tissue Simulating Liquid	Probe   Calibration Date	DAE   Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 255.0	23.8 x 23.8 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]	0.306	<b>0.340</b>
psSAR-10g [W/kg]	0.109	<b>0.112</b>
psAPD (1.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>3.40</b>
psAPD (4.0 cm <sup>2</sup> , sq) [W/m <sup>2</sup> ]		<b>2.56</b>
Power Drift [dB]		0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.0
Dist 3dB Peak [mm]		7.0



Test Date : 2024-03-16 | Ambient Temp : 22.2 °C

**Test Mode**

**9\_WLAN 6 GHz\_802.11ax HE160\_Left Side\_0mm\_Ch111\_Ant 0\_Sample 1\_INPAQ**

**Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	CR1204FG	A001	Convertible PC

**Exposure Conditions**

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-6	WLAN, 10755 - AAC	6505.0, 111	1.0

**Hardware Setup**

Phantom	Medium	Probe   Calibration Date	DAE   Calibration Date
mmWave - 1102	Air	EUmmWV3 - SN9403_F1-55GHz / 2023-12-05	DAE4 Sn1741 / 2022-08-11

**Scan Setup**

	5G Scan
Grid Extents [mm]	92.0 x 92.0
Grid Steps [mm]	0.0542 x 0.0542
Sensor Surface [mm]	2.0

**Measurement Results**

	5G Scan
Avg. Area [cm <sup>2</sup> ]	4.00
psPD n+ [W/m <sup>2</sup> ]	<b>3.23</b>
psPD tot+ [W/m <sup>2</sup> ]	<b>3.83</b>
psPD mod+ [W/m <sup>2</sup> ]	4.01
Peak PD tot [W/m <sup>2</sup> ]	7.11
Power Drift [dB]	-0.03

