

Appendix C – Highest Test Plots

Test Date : 2025-02-27 | Ambient Temp : 22.5 °C | Tissue Temp : 21.2 °C

Test Mode

1_WLAN2.4G_802.11b_Bottom Side_0mm_Ch6_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

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	2437.000, 6	6.96	1.81	38.7

Hardware Setup

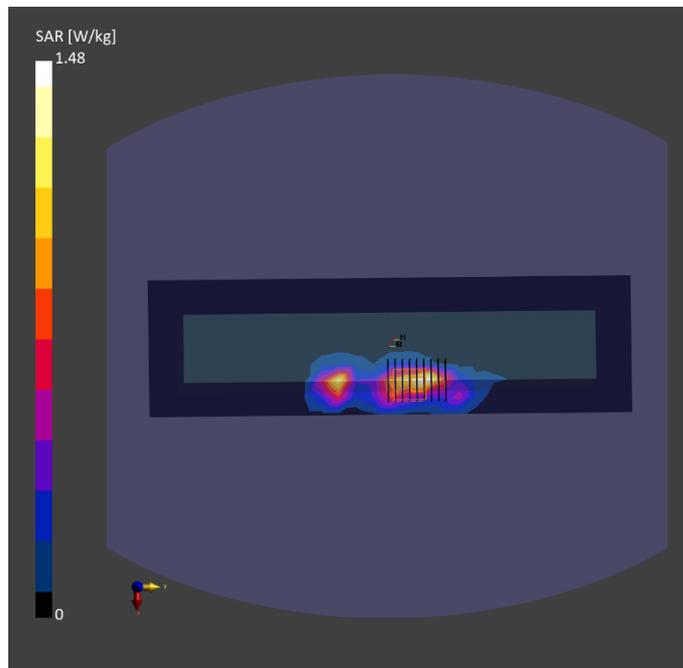
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 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]	1.06	1.12
psSAR-10g [W/kg]	0.474	0.468
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		39.4
Dist 3dB Peak [mm]		6.1



Test Date : 2025-02-28 | Ambient Temp : 22.6 °C | Tissue Temp : 21.1 °C

Test Mode

2_WLAN5.3G_802.11ac_VHT160_Bottom Side_0mm_Ch50_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAE	5250.000, 50	5.45	4.63	34.5

Hardware Setup

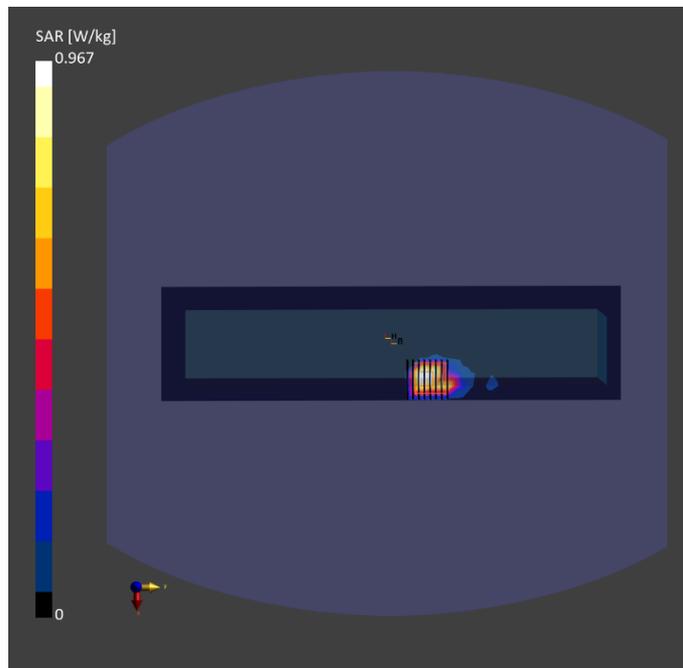
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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]	0.821	1.03
psSAR-10g [W/kg]	0.279	0.299
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.5
Dist 3dB Peak [mm]		4.7



Test Date : 2025-03-01 | Ambient Temp : 22.8 °C | Tissue Temp : 21.4 °C

Test Mode

3_WLAN5.6G_802.11ac_VHT160_Bottom Side_0mm_Ch114_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAE	5570.000, 114	4.88	5.03	34.0

Hardware Setup

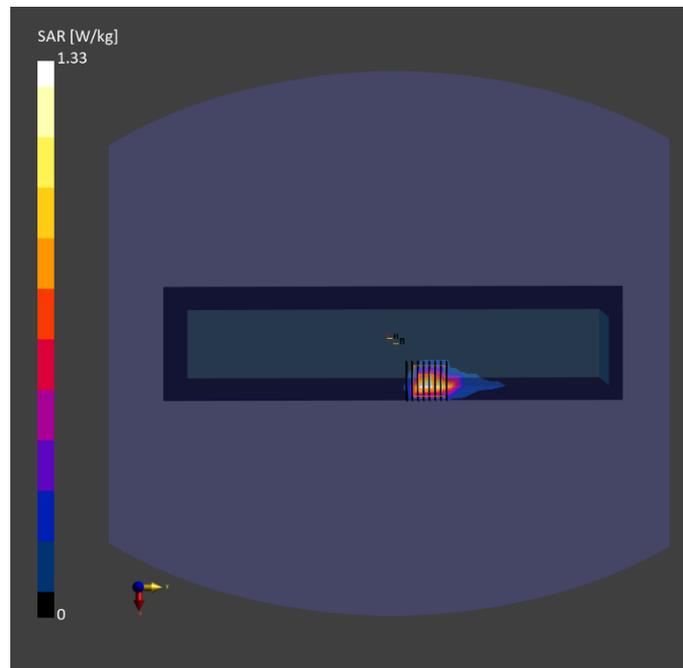
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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]	0.933	1.08
psSAR-10g [W/kg]	0.292	0.287
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.9
Dist 3dB Peak [mm]		4.7



Test Date : 2025-03-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.3 °C

Test Mode

6_WLAN5.8G_802.11ac_VHT160_Bottom Side_0mm_Ch163_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAE	5815.000, 163	5.01	5.07	34.9

Hardware Setup

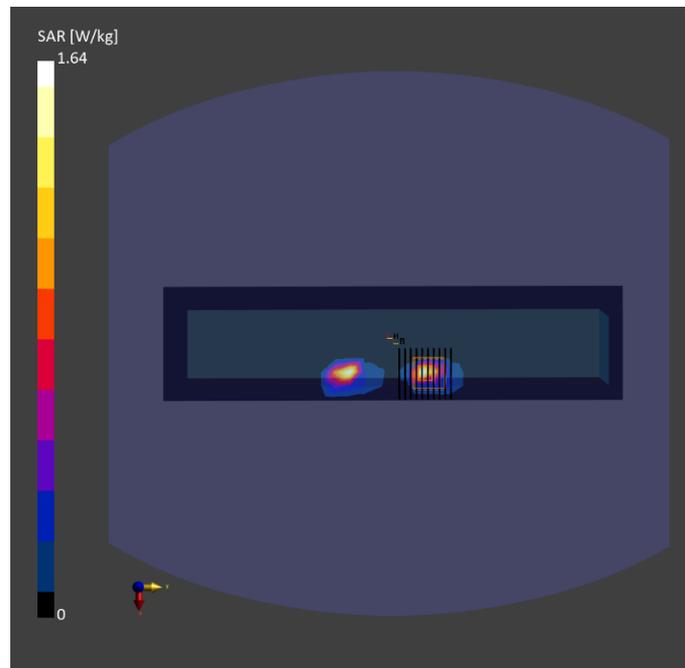
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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]	0.992	1.02
psSAR-10g [W/kg]	0.266	0.257
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.2
Dist 3dB Peak [mm]		4.7



Test Date : 2025-02-27 | Ambient Temp : 22.5 °C | Tissue Temp : 21.2 °C

Test Mode

7_Bluetooth_GFSK_Bottom Side_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	RC73YA	A003	Gaming

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	6.96	1.84	38.7

Hardware Setup

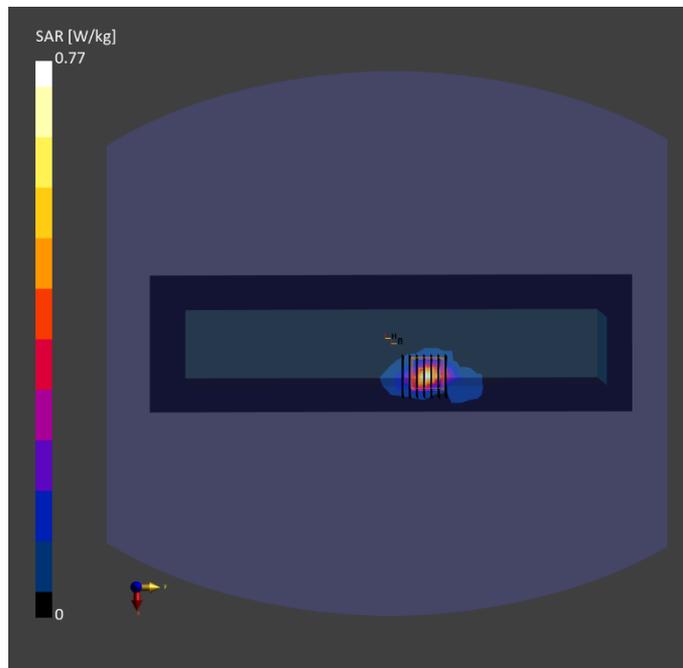
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 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]	0.394	0.379
psSAR-10g [W/kg]	0.146	0.141
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		39.1
Dist 3dB Peak [mm]		5.4



Test Date : 2025-03-04 | Ambient Temp : 22.4 °C | Tissue Temp : 21.7 °C

Test Mode

9_U-NII 5_802.11ax HE160_Bottom Side_0mm_Ch47_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-5	WLAN, 10755 - AAC	6185.000, 47	5.37	5.61	33.3

Hardware Setup

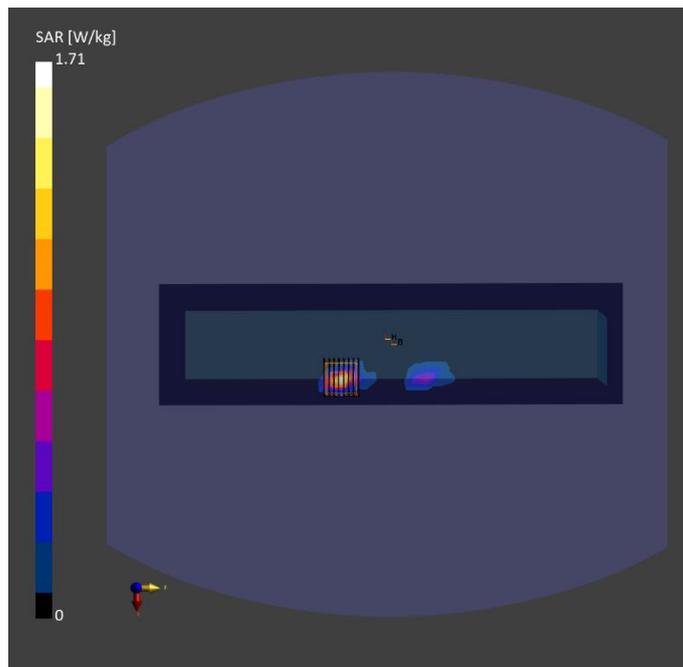
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 323.0	22.0 x 22.0 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]	1.01	1.08
psSAR-10g [W/kg]	0.242	0.231
psAPD (1.0 cm ² , sq) [W/m ²]		11.3
psAPD (4.0 cm ² , sq) [W/m ²]		5.52
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		50.6
Dist 3dB Peak [mm]		4.8



Test Date : 2025-02-27 | Ambient Temp : 22.5 °C | Tissue Temp : 21.2 °C

Test Mode

10_WLAN2.4G_802.11b_Front Face_0mm_Ch6_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

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	2437.000, 6	6.96	1.81	38.7

Hardware Setup

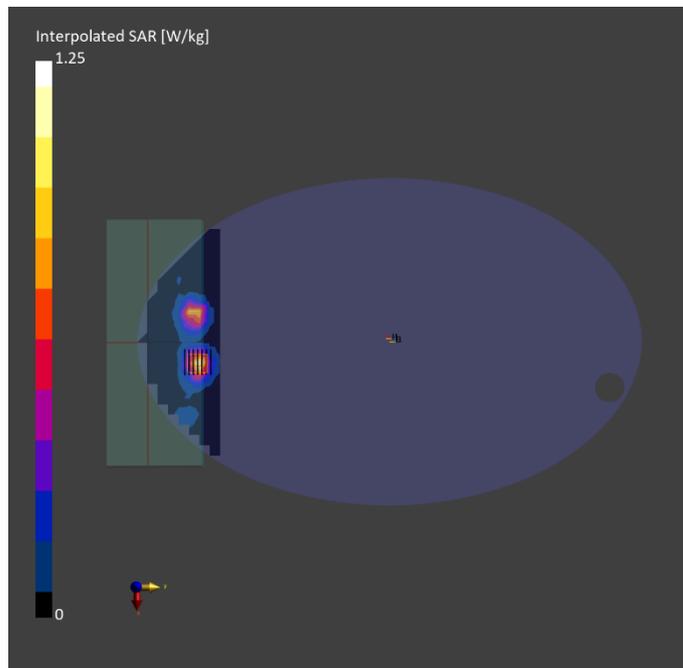
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	336.0 x 168.0	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]	0.583	0.616
psSAR-10g [W/kg]	0.258	0.271
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		42.9
Dist 3dB Peak [mm]		8.7



Test Date : 2025-02-28 | Ambient Temp : 22.6 °C | Tissue Temp : 21.1 °C

Test Mode

11_WLAN5.3G_802.11ac VHT160_Front Face_0mm_Ch50_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAE	5250.000, 50	5.45	4.63	34.5

Hardware Setup

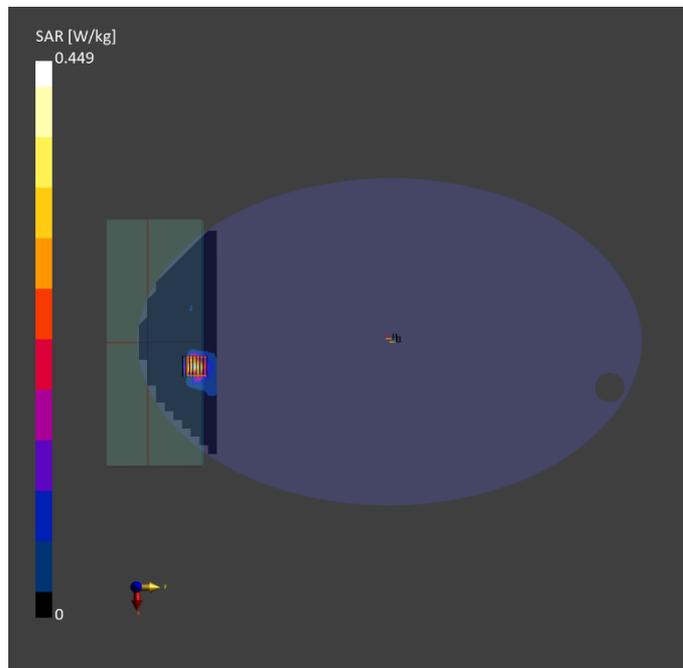
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	320.0 x 160.0	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]	0.344	0.408
psSAR-10g [W/kg]	0.114	0.124
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		63.1
Dist 3dB Peak [mm]		6.1



Test Date : 2025-03-01 | Ambient Temp : 22.8 °C | Tissue Temp : 21.4 °C

Test Mode

12_WLAN5.6G_802.11ac VHT160_Front Face_0mm_Ch114_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAE	5570.000, 114	4.88	5.03	34.0

Hardware Setup

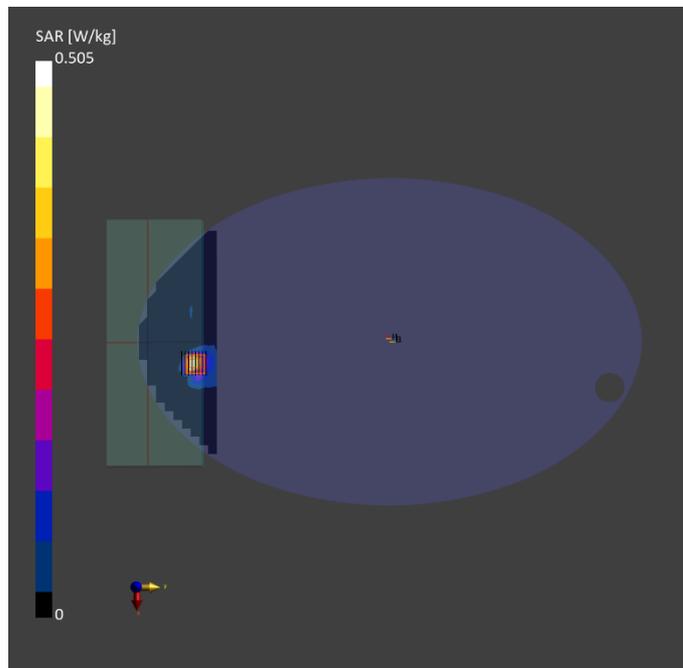
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	320.0 x 160.0	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]	0.396	0.456
psSAR-10g [W/kg]	0.126	0.129
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.0
Dist 3dB Peak [mm]		6.1



Test Date : 2025-03-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.3 °C

Test Mode

15_WLAN5.8G_802.11ac VHT160_Front Face_0mm_Ch163_Ant 1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAE	5815.000, 163	5.01	5.07	34.9

Hardware Setup

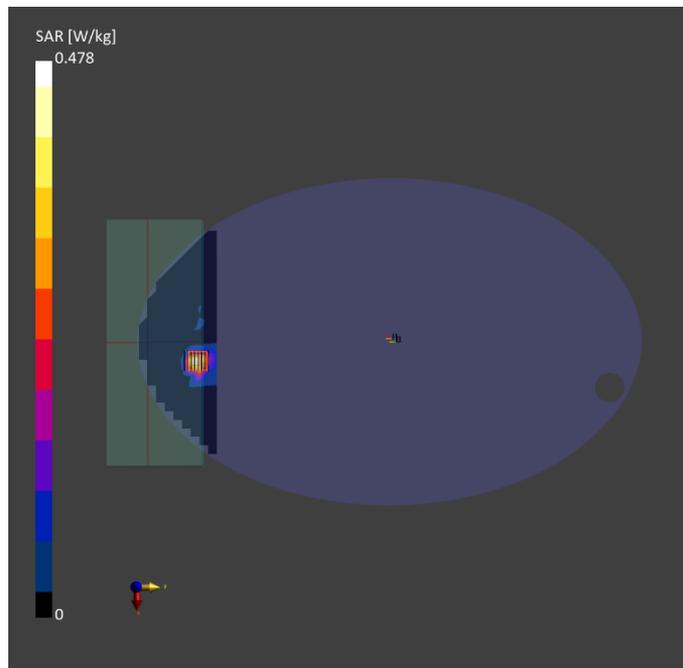
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	320.0 x 160.0	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]	0.381	0.506
psSAR-10g [W/kg]	0.133	0.144
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.1
Dist 3dB Peak [mm]		5.6



Test Date : 2025-02-27 | Ambient Temp : 22.5 °C | Tissue Temp : 21.2 °C

Test Mode

16_Bluetooth_GFSK_Front Face_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	RC73YA	A003	Gaming

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	6.96	1.84	38.7

Hardware Setup

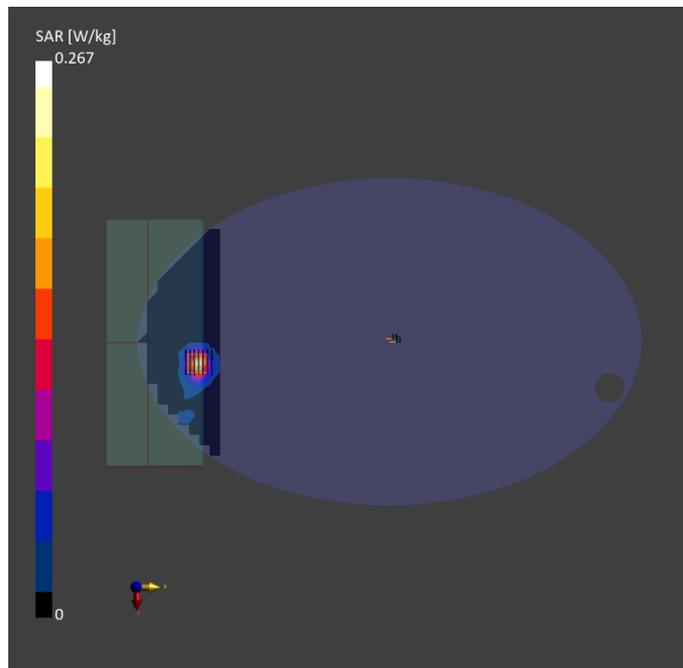
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	336.0 x 168.0	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]	0.197	0.206
psSAR-10g [W/kg]	0.087	0.089
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		47.5
Dist 3dB Peak [mm]		7.0



Test Date : 2025-03-04 | Ambient Temp : 22.4 °C | Tissue Temp : 21.7 °C

Test Mode

18_U-NII 5_802.11ax HE160_Front Face_0mm_Ch47_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-5	WLAN, 10755 - AAC	6185.000, 47	5.37	5.61	33.3

Hardware Setup

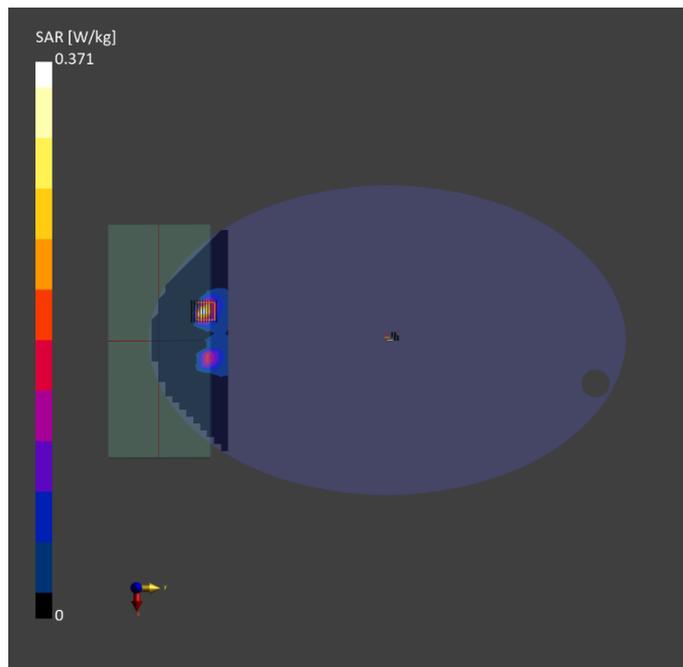
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2179	HBBL-600-10000	EX3DV4 - SN7650 / 2024-06-04	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	323.0 x 170.0	22.0 x 22.0 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]	0.270	0.302
psSAR-10g [W/kg]	0.084	0.091
psAPD (1.0 cm ² , sq) [W/m ²]		3.02
psAPD (4.0 cm ² , sq) [W/m ²]		2.08
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.5
Dist 3dB Peak [mm]		5.5



Test Date : 2025-03-05 | Ambient Temp : 22.3 °C

Test Mode

19_U-NII 5_802.11ax HE160_Bottom Side_2mm_Ch47_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73YA	A003	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10755 - AAC	6185.0, 47	1.0

Hardware Setup

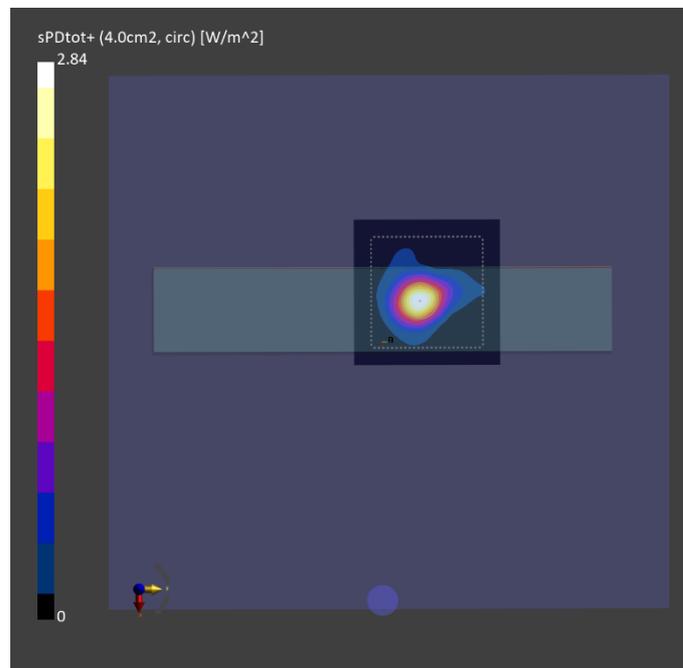
Phantom	Medium	Probe Calibration Date	DAE Calibration Date
mmWave - 1102	Air	EUmmWV4 - SN9639_F1-55GHz / 2024-09-16	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		v3.2.2.2358	

Scan Setup

	5G Scan
Grid Extents [mm]	97.0 x 97.0
Grid Steps [mm]	0.0515 x 0.0515
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	1.98
psPD tot+ [W/m ²]	2.84
psPD mod+ [W/m ²]	3.18
Peak PD tot [W/m ²]	4.85
Power Drift [dB]	-0.04



Test Date : 2025-03-06 | Ambient Temp : 22.7 °C

Test Mode

20_U-NII 5_802.11ax HE160_Front Face_2mm_Ch47_Ant 0+1_Sample 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ASUS	RC73XA	A002	Gaming

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10755 - AAC	6185.0, 47	1.0

Hardware Setup

Phantom	Medium	Probe Calibration Date	DAE Calibration Date
mmWave - 1102	Air	EUmmWV4 - SN9639_F1-55GHz / 2024-09-16	DAE4 Sn1742 / 2024-08-15
Measurement Software Version		v3.2.2.2358	

Scan Setup

	5G Scan
Grid Extents [mm]	97.0 x 97.0
Grid Steps [mm]	0.0515 x 0.0515
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	0.053
psPD tot+ [W/m ²]	0.084
psPD mod+ [W/m ²]	0.143
Peak PD tot [W/m ²]	0.278
Power Drift [dB]	-0.07

