

Appendix C – Highest Test Plots

Test Date : 2025-02-24 | Ambient Temp : 22.6 °C | Tissue Temp : 21.4 °C

Test Mode**1_WLAN 2.4G_802.11b_Horizontal-UP_5mm_Ch1_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
D-Link	AX9U/500-BCH	A005	Dongle

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	6.64	1.88	40.4

Hardware Setup

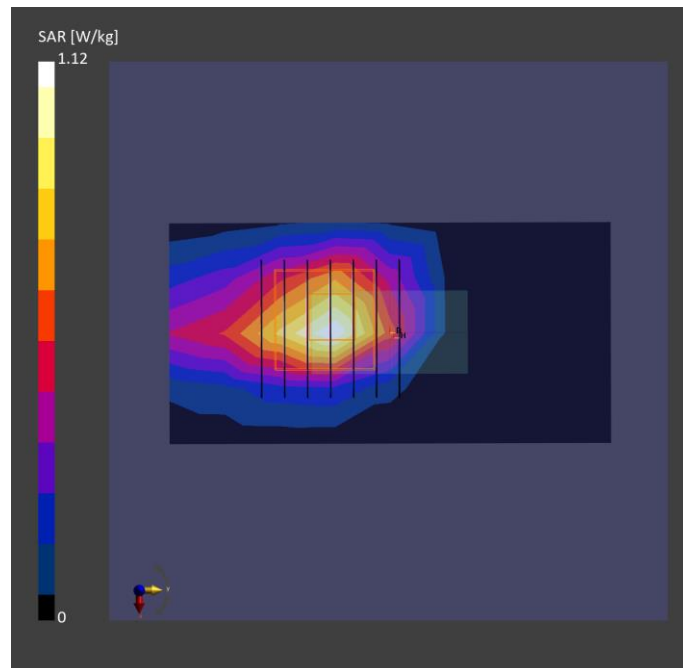
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2176	HBBL-600-10000	EX3DV4 - SN7757 / 2024-09-18	DAE4 Sn1743 / 2024-09-19
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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]	0.886	0.962
psSAR-10g [W/kg]	0.427	0.455
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.1
Dist 3dB Peak [mm]		9.3



Test Date : 2025-02-24 | Ambient Temp : 22.6 °C | Tissue Temp : 21.4 °C

Test Mode**2_WLAN 5.3G_802.11ac VHT80_Horizontal-UP_5mm_Ch58_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
D-Link	AX9U/500-BCH	A005	Dongle

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	5.05	4.69	35.8

Hardware Setup

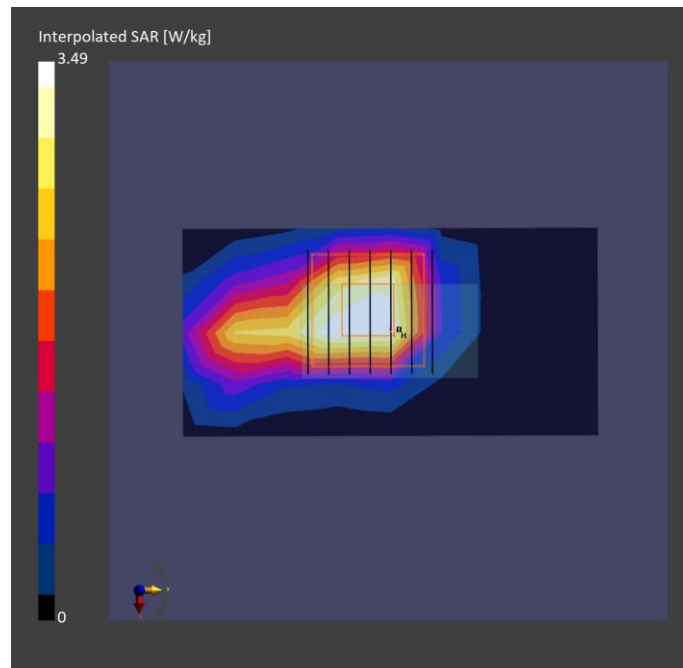
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2176	HBBL-600-10000	EX3DV4 - SN7757 / 2024-09-18	DAE4 Sn1743 / 2024-09-19
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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]	0.791	0.898
psSAR-10g [W/kg]	0.287	0.293
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.5
Dist 3dB Peak [mm]		8.2



Test Date : 2025-02-24 | Ambient Temp : 22.6 °C | Tissue Temp : 21.4 °C

Test Mode**3_WLAN 5.6G_802.11ac VHT80_Horizontal-UP_5mm_Ch106_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
D-Link	AX9U/500-BCH	A005	Dongle

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	4.56	4.96	35.4

Hardware Setup

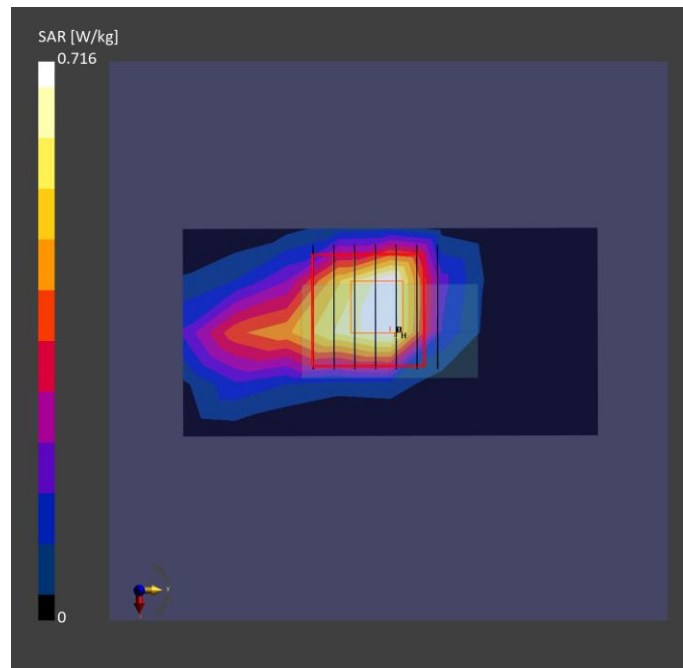
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2176	HBBL-600-10000	EX3DV4 - SN7757 / 2024-09-18	DAE4 Sn1743 / 2024-09-19
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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]	0.600	0.688
psSAR-10g [W/kg]	0.208	0.213
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.3
Dist 3dB Peak [mm]		7.9



Test Date : 2025-02-24 | Ambient Temp : 22.6 °C | Tissue Temp : 21.4 °C

Test Mode**4_WLAN 5.8G_802.11ac VHT80_Horizontal-UP_5mm_Ch155_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
D-Link	AX9U/500-BCH	A005	Dongle

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	4.51	5.24	34.9

Hardware Setup

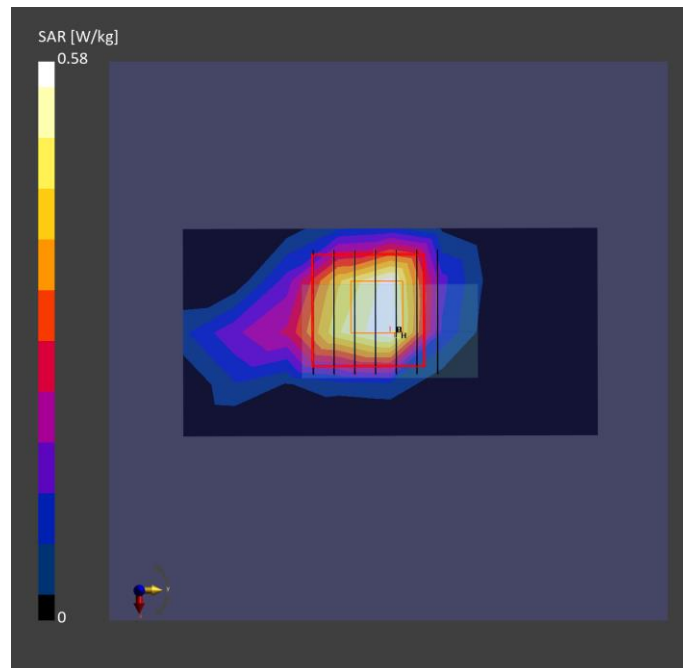
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
ELI V8.0 (20deg probe tilt) - 2176	HBBL-600-10000	EX3DV4 - SN7757 / 2024-09-18	DAE4 Sn1743 / 2024-09-19
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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]	0.482	0.542
psSAR-10g [W/kg]	0.166	0.163
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.4
Dist 3dB Peak [mm]		8.2



Test Date : 2025-02-24 | Ambient Temp : 22.6 °C | Tissue Temp : 21.4 °C

Test Mode**5_Bluetooth_LE Coded PHY(S=8)_Horizontal-UP_5mm_Ch19_Ant 1****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
D-Link	AX9U/500-BCH	A005	Dongle

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, 10670 - AAA	2421.000, 19	6.64	1.89	40.3

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2176	HBBL-600-10000	EX3DV4 - SN7757 / 2024-09-18	DAE4 Sn1743 / 2024-09-19
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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	0.022
psSAR-10g [W/kg]	0.008	0.007
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		47.0
Dist 3dB Peak [mm]		8.0

