

# Measurement Report for WLAN 2.4GHz, BACK

## Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	2442.000   7	TSL Conductivity [S/m]	1.84
Group   UID	WLAN   10415-AAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.66	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)		

## Hardware Setup

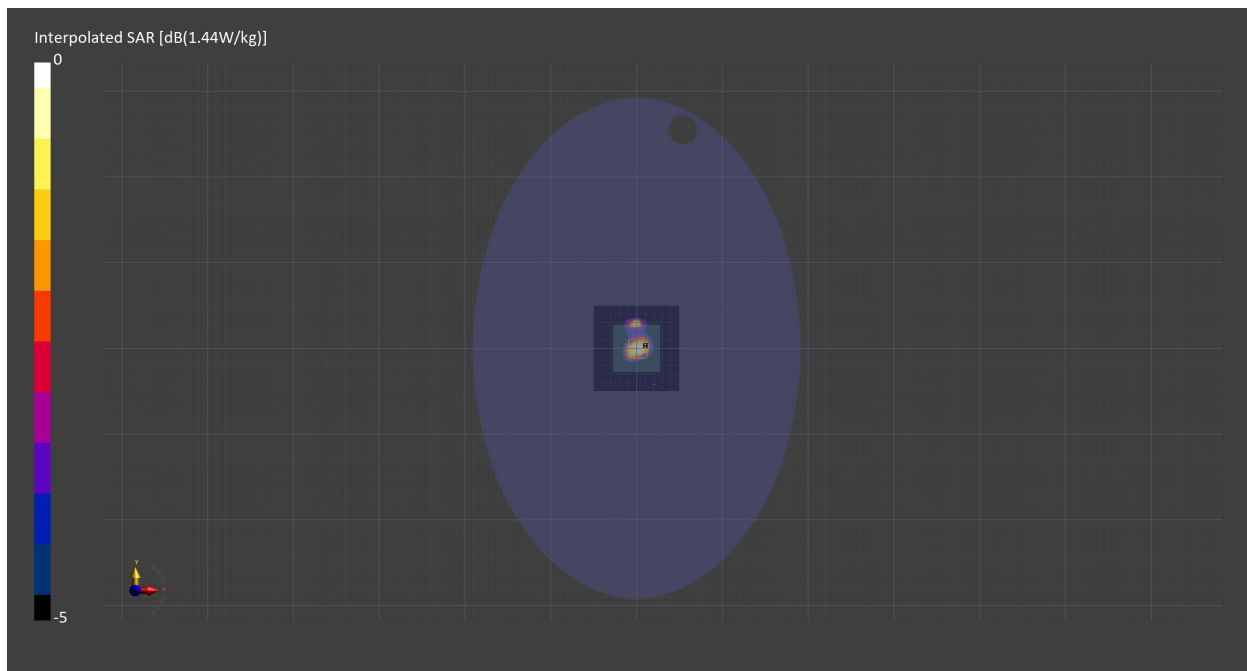
Probe   Calibration Date	EX3DV4 - SN7709   2023-11-30	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE   Calibration Date	DAE4 Sn1715   2024-02-12	TSL   Meas. Date	HBBL600-10000V6   2024-Apr-22

## Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.8
Dist 3dB Peak [mm]		9.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.12	<b>1.13</b>
psSAR10g [W/Kg]	0.558	<b>0.569</b>
Power Drift [dB]	-0.10	-0.13



# Measurement Report for ISM 2.4 GHz Band, BACK

## Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.4
Frequency [MHz]   Channel Number	2441.000   39	TSL Conductivity [S/m]	1.87
Group   UID	Bluetooth   10032-CAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.89	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.15.1 Bluetooth (GFSK, DH5)		

## Hardware Setup

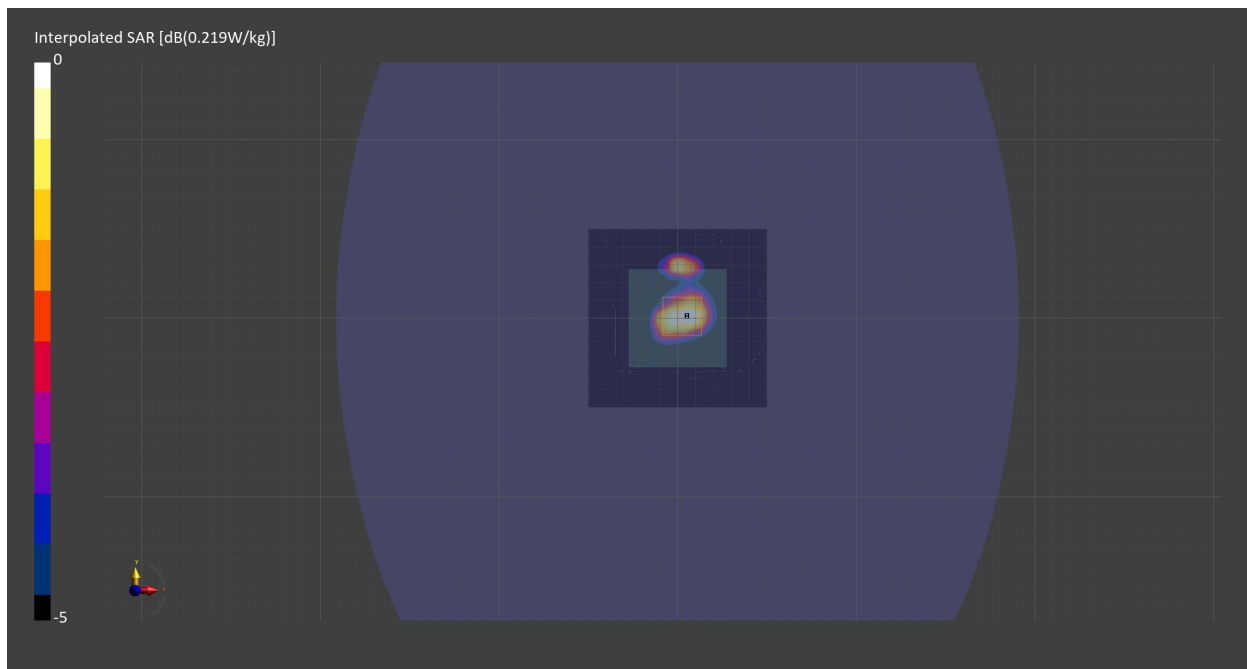
Probe   Calibration Date	EX3DV4 - SN7710   2024-01-16	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE   Calibration Date	DAE4 Sn1715   2024-02-12	TSL   Meas. Date	HBBL600-10000V6   2024-Apr-02

## Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		9.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.171	<b>0.183</b>
psSAR10g [W/Kg]	0.084	<b>0.090</b>
Power Drift [dB]	-0.01	-0.02



# Measurement Report for Custom Band, BACK

## Exposure Conditions

Band	Custom Band	TSL Permittivity	53.3
Frequency [MHz]   Channel Number	13.500   13500	TSL Conductivity [S/m]	0.747
Group   UID	CW   0--	Phantom Section   TSL	Flat   HSL
Conversion Factor	16.16	Test Distance [mm]	0.00
Communication Configuration			CW

## Hardware Setup

Probe   Calibration Date	EX3DV4 - SN7709   2023-11-30	Phantom	ELI V8.0 (20deg probe tilt) - SN2081
DAE   Calibration Date	DAE4 Sn1714   2023-11-22	TSL   Meas. Date	HBBL4-250V3   2024-Apr-03

## Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	1.0 x 1.0 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		N/A
Dist 3dB Peak [mm]		N/A

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0	0
psSAR10g [W/Kg]	0	0
Power Drift [dB]	N/A	N/A

