

# WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) Channel 6, BACK

## Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	2437.000   6	TSL Conductivity [S/m]	1.71
Group   UID	WLAN   10415-AAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.73	Test Distance [mm]	0.00

## Hardware Setup

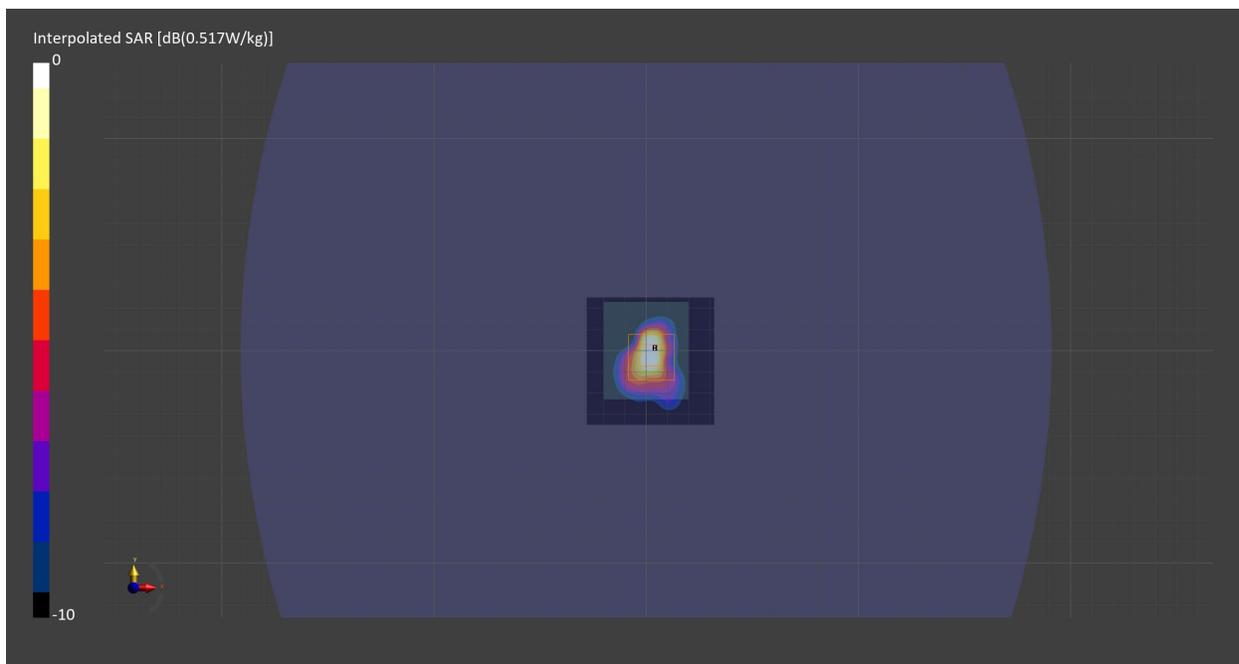
Probe   Calibration Date	EX3DV4 - SN7709   2024-11-11	Phantom	ELI V8.0 (20deg probe tilt)
DAE   Calibration Date	DAE4 Sn1714   2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 60.0	30.6 x 30.6 x 33.4
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.5
Dist 3dB Peak [mm]		4.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.517, 2.0, -2.2, -172.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.162	<b>0.165</b>
psSAR10g [W/Kg]	0.061	<b>0.054</b>
Power Drift [dB]	-0.10	N/A



# ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5) Channel 39, BACK

## Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	2441.000   39	TSL Conductivity [S/m]	1.71
Group   UID	Bluetooth   10032-CAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.73	Test Distance [mm]	0.00

## Hardware Setup

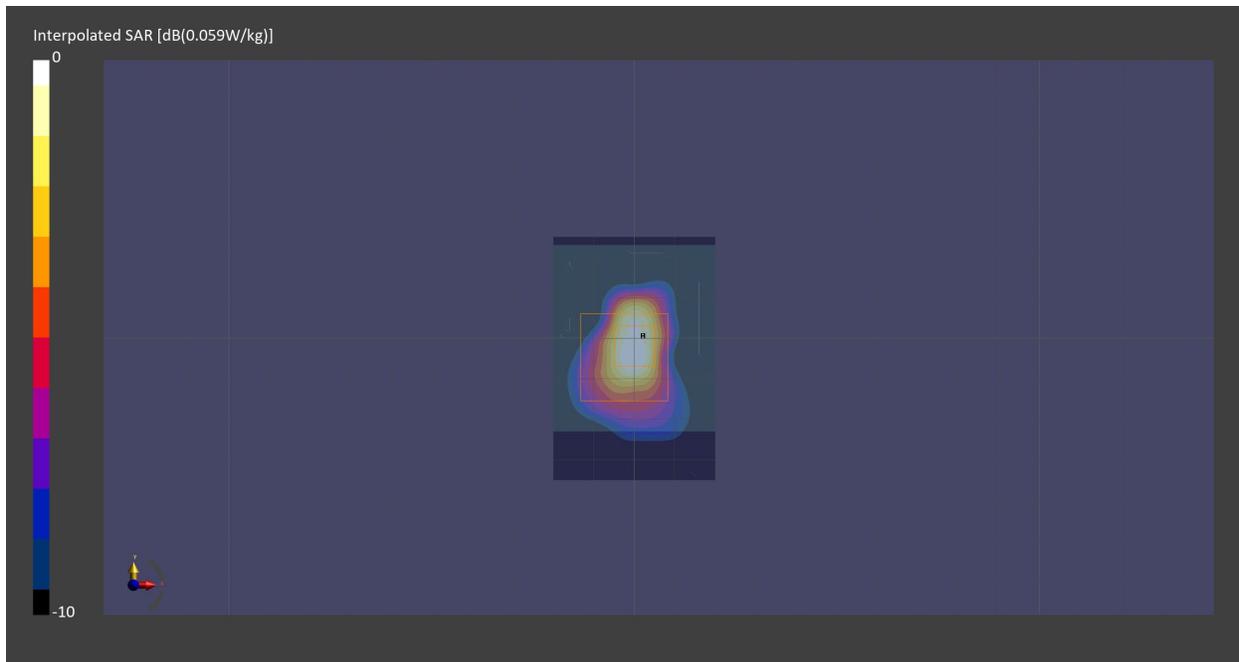
Probe   Calibration Date	EX3DV4 - SN7709   2024-11-11	Phantom	ELI V8.0 (20deg probe tilt)
DAE   Calibration Date	DAE4 Sn1714   2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 60.0	37.4 x 37.4 x 33.4
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.4
Dist 3dB Peak [mm]		4.4
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.059, 0.2, -1.9, -172.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.018	<b>0.017</b>
psSAR10g [W/Kg]	0.006	<b>0.005</b>
Power Drift [dB]	0.15	0.20



# Custom Band: NFC, BACK

## Exposure Conditions

Band	Custom Band	TSL Permittivity	54.3
Frequency [MHz]   Channel Number	13.600   13600	TSL Conductivity [S/m]	0.713
Group   UID	CW   0--	Phantom Section   TSL	Flat   HSL
Conversion Factor	16.92	Test Distance [mm]	0.00

## Hardware Setup

Probe   Calibration Date	EX3DV4 - SN7710   2025-01-14	Phantom	ELI V8.0 (20deg probe tilt)
DAE   Calibration Date	DAE4 Sn1715   2025-01-13	TSL Type	HBBL4-250V3
Software Version	16.4.0.5005		

## Scan Setup

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

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0	N/A
psSAR10g [W/Kg]	0	N/A
Power Drift [dB]	1.00	N/A

