

WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) Channel 11, BACK

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.0
Frequency [MHz] Channel Number	2462.000 11	TSL Conductivity [S/m]	1.86
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.73	Test Distance [mm]	0.00

Hardware Setup

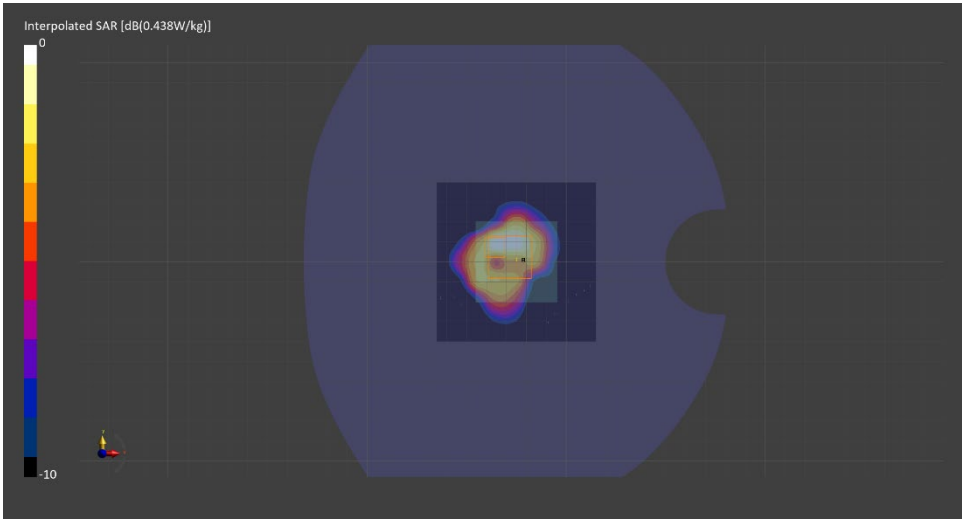
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	37.4 x 40.8 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 [%]		67.1
Dist 3dB Peak [mm]		4.0
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.10, -35.8, 7.2, -200.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.315	0.284
psSAR10g [W/Kg]	0.141	0.118
Power Drift [dB]	-0.03	-0.15



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.72
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.73	Test Distance [mm]	10.00

Hardware Setup

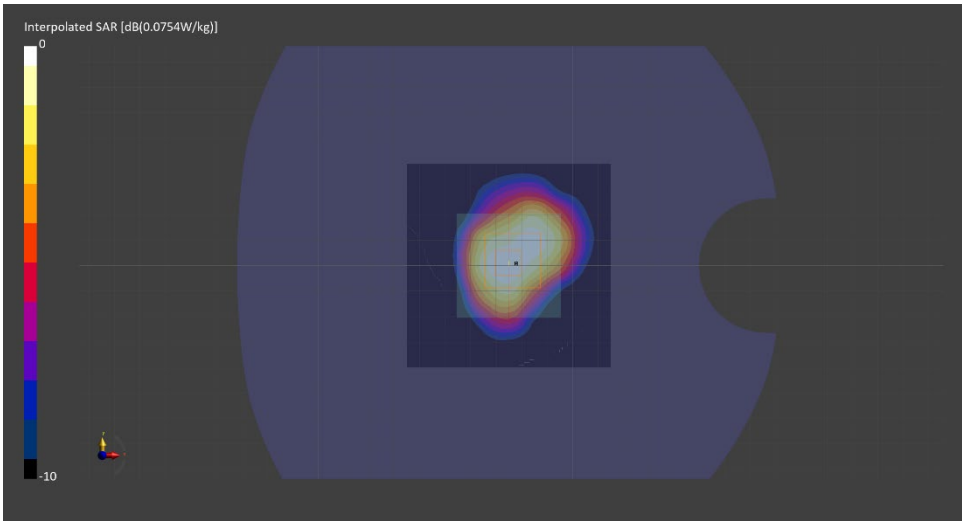
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 31.2
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 [%]		86.2
Dist 3dB Peak [mm]		12.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.075, -25.3, 1.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.046	0.048
psSAR10g [W/Kg]	0.025	0.027
Power Drift [dB]	-0.17	-0.11



Custom Band: NFC, BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	54.0
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.718
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
MAIA	Y	N/A

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0	N/A
psSAR10g [W/Kg]	0	N/A
Power Drift [dB]	-0.43	N/A

