

System Performance Check Report for D6.5GHzV2 - SN1033

Exposure Conditions

Frequency [MHz] Channel Number	6500.000 0	TSL Permittivity	33.4
Group UID	CW 0--	TSL Conductivity [S/m]	6.36
Conversion Factor	5.59	Phantom Section TSL	Flat HSL

Hardware Setup

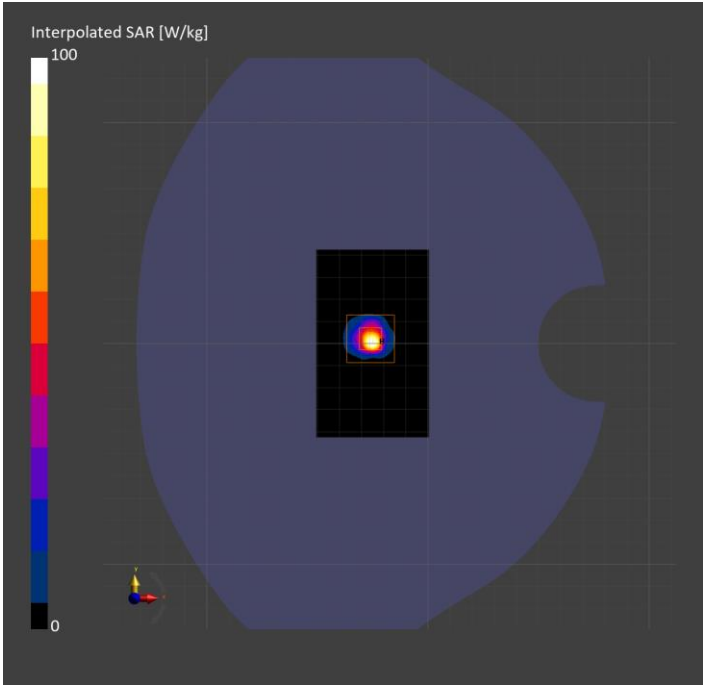
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	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
M2/M1 [%]		51.6
Dist 3dB Peak [mm]		4.4

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	12.4	15.4	N/A
psSAR8g [W/Kg]	3.02	3.43	N/A
psSAR10g [W/Kg]	2.50	2.81	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	68.7
Power Drift [dB]	N/A	-0.16	N/A



System Performance Check Report for D6.5GHzV2 - SN1032

Exposure Conditions

Frequency [MHz] Channel Number	6500.000 0	TSL Permittivity	35.1
Group UID	CW 0--	TSL Conductivity [S/m]	6.26
Conversion Factor	5.21	Phantom Section TSL	Flat Head Simulating Liquid

Hardware Setup

Probe Calibration Date	EX3DV4 - SN3991 2024-11-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1472 2025-01-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	23.8 x 27.2 x 22.9
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
M2/M1 [> 30%]		53.2
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.6

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	14.2	15.5	N/A
psSAR8g [W/Kg]	3.23	3.50	N/A
psSAR10g [W/Kg]	2.68	2.89	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	70.0
Power Drift [±0.2 dB]	N/A	0.02	N/A

