

2025-10-23 System Performance Check Report D1640V2 - SN359

Summary

Dipole	D1640V2 - SN359		
Frequency [MHz]	1640.0		
Phantom Section TSL	Flat Head Simulating Liquid	Dev. Peak [%]	-10.5
Power [dBm]	17.0	Iso. Error [%]	0.7

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	43.9
Conversion Factor	8.28	TSL Conductivity [S/m]	1.18

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Meas. Date	HBBL-600-10000 2025-10-23

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.4
Dist 3dB Peak [mm]		10.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.74	1.75
psSAR10g [W/Kg]	0.923	0.964
Power Drift [dB]	0.00	-0.01

