

Appendix B

System Check Plot

System Performance Check-2450MHz-Body

SystemPerformanceCheck-2450MHz-Bdoy

Communication System: UID 0, CW (0); Frequency: 2450 MHz

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 51.48$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.63, 7.63, 7.63); Calibrated: 2016/12/27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2016/12/9
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.10.0(1442); SEMCAD X 14.6.10(7413)

Configuration/D2450V2/Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 17.5 W/kg

Configuration/D2450V2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 88.50 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 26.6 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.38 W/kg

Maximum value of SAR (measured) = 17.7 W/kg

