Report Number: EED32K00140005

Appendix A:SAR System performance Check Plots Table of contents System Performance Check-D2450-Body

Test Laboratory: CTI SAR Lab

Systemcheck 2450-Body

DUT: D2450V2 - SN959; Type: D2450V2; Serial: SN959

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz; Duty Cycle: 1:1 Medium parameters used: f = 2450 MHz; $\sigma = 1.932$ S/m; $\epsilon_r = 53.763$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 SN7328; ConvF(7.69, 7.69, 7.69); Calibrated: 2/23/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 5/7/2018
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm,Pin=250mW/Area Scan (10x10x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 13.4 W/kg

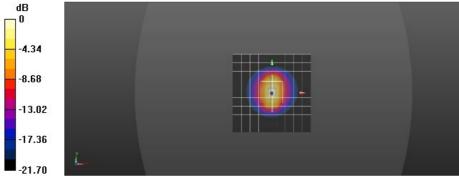
Configuration/d=10mm,Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.77 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 24.7 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.86 W/kg

Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg