Appendix A

System Validation Plots

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1. D2450V2-SN: 904 Validation Plot 3

1. D2450V2-SN: 904 Validation Plot

Date: 23.05.2022

Test Laboratory: Tianjin Dongdian Testing Service.,Lcd

2022_05_23_HSL2450_Validation

DUT: Dipole 2450 MHz D2450V2; Serial: D2450V2 - SN:904

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2450 MHz; σ = 1.837 S/m; ε_r = 39.01; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

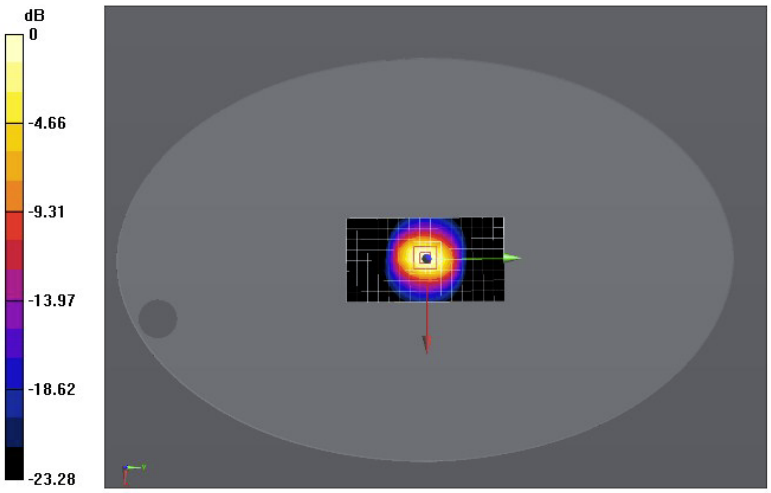
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/tilt/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 15.0 W/kg

Configuration/tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.32 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 26.8 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.54 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dBW/kg