



Appendix A. System Check Plots

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SystemPerformanceCheck-D2450-EX-Body

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2450-EX-Body

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:860

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 51.257$; $\rho = 1000$ kg/m³

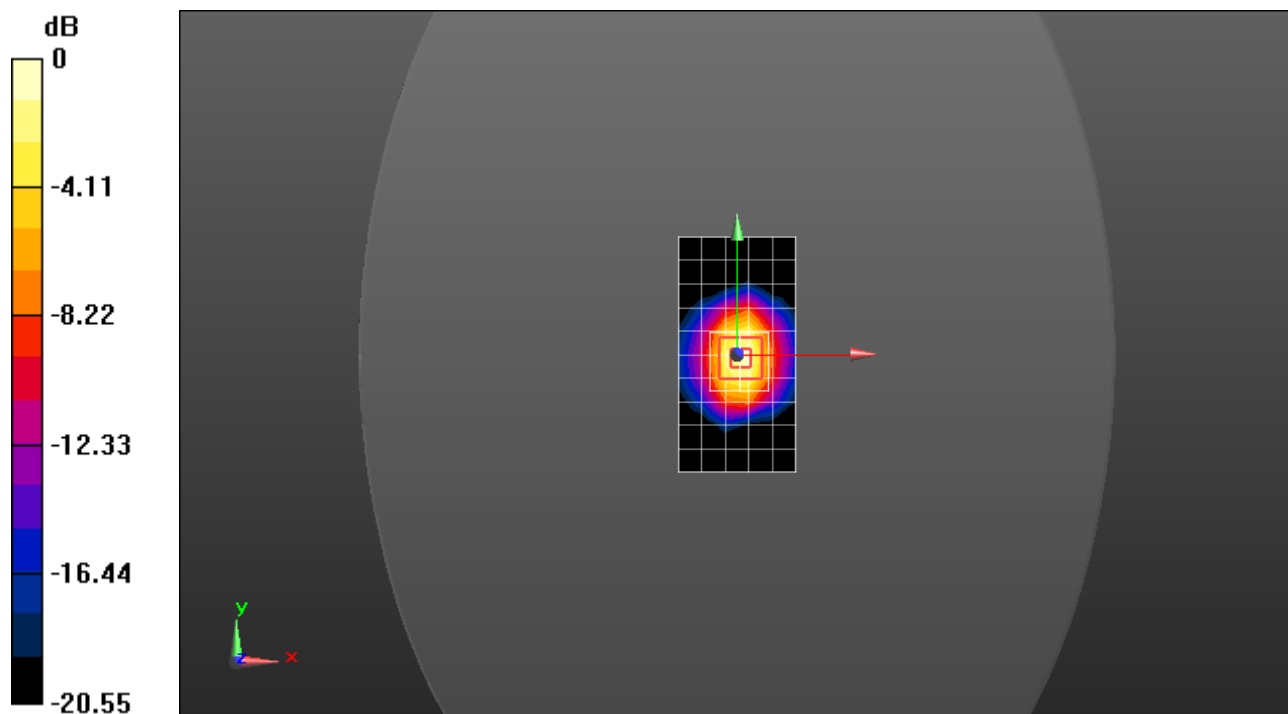
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN7351; ConvF(7.55, 7.55, 7.55); Calibrated: 2015-10-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- ζ DASY52 52.8.8(1222);

Configuration/d=10mm, Pin=250mW/Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 15.5 W/kg

Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 86.37 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 26.3 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.37 W/kg
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg