Appendix B. SAR Measurement Plots

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BT Body

Date: 2017-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

AMR-A1 BT 78CH Right side 0mm

DUT: AMR-A1; Type: AM-R1; Serial: SAR2

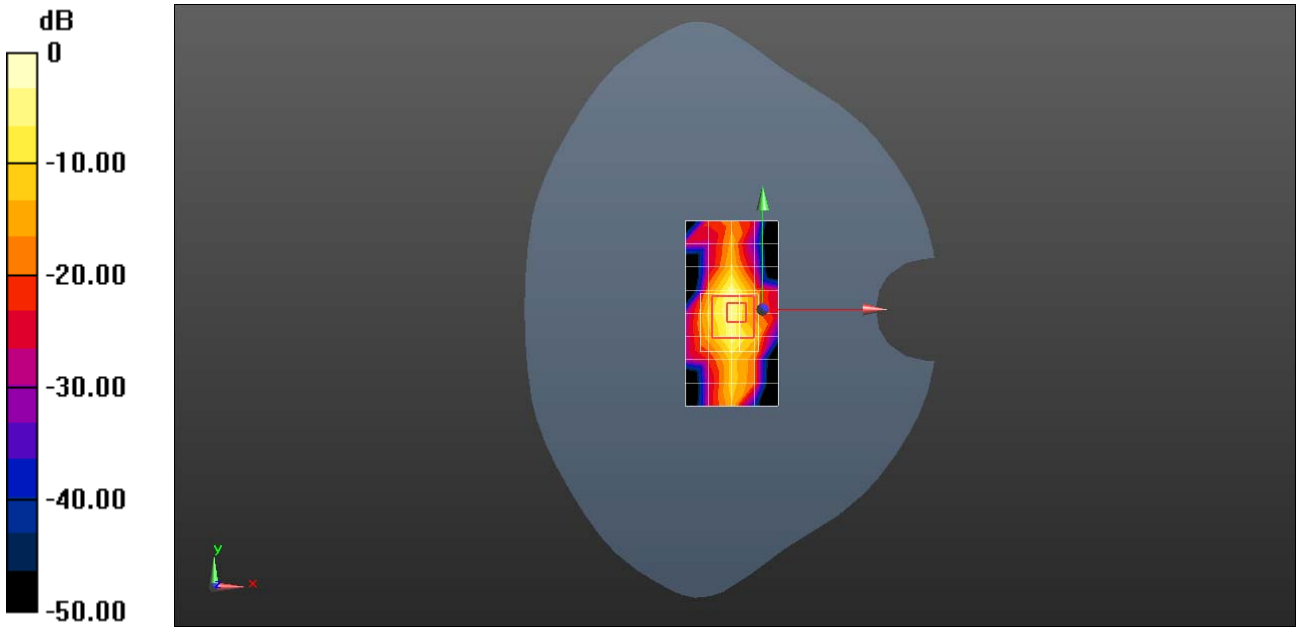
Communication System: UID 0, BT (0); Frequency: 2480 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2480 MHz; σ = 2.052 S/m; ε_r = 50.818; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.99, 6.99, 6.99); Calibrated: 2016-7-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2016-11-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.159 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.761 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.312 W/kg = -5.06 dBW/kg