



Appendix B. SAR Measurement Plots

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WiFi 2.4G Body

Test Laboratory: HUAWEI SAR/HAC Lab

CPN-W09 WiFi 2.4G 11b 8CH Back side 0mm

DUT: CPN-W09; Type: HUAWEI MediaPad M3 Lite; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2447 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2447$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 51.505$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.21, 7.21, 7.21); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (14x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.973 W/kg

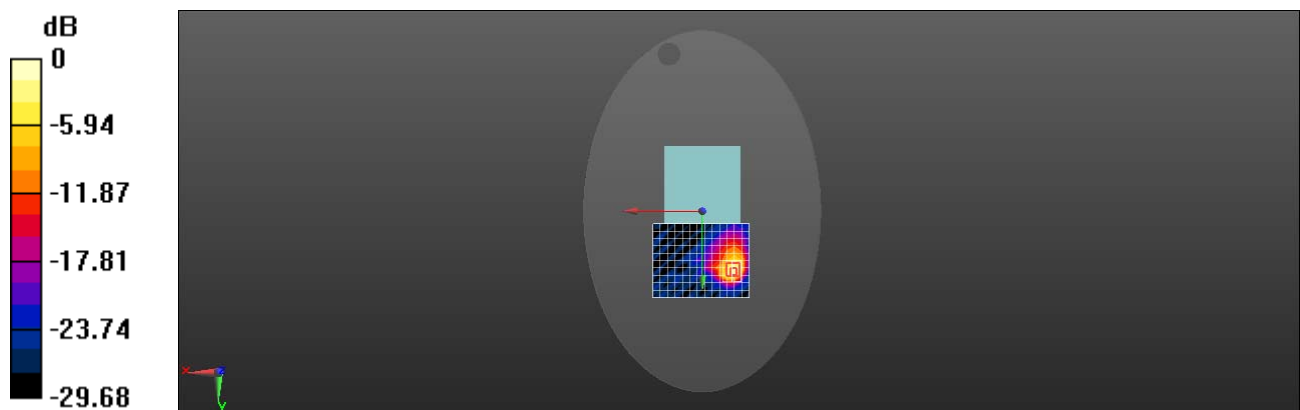
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg