



Appendix B. SAR Measurement Plots

Table of contents
WiFi 2.4G Body

Test Laboratory: HUAWEI SAR/HAC Lab

BTV-W09 WIFI 2.4G 802.11g 20M 6CH Back Side 0mm**DUT: BTV-W09; Type: HUAWEI MediaPad M3; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 51.295$; $\rho = 1000$ 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/Body/Area Scan (16x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

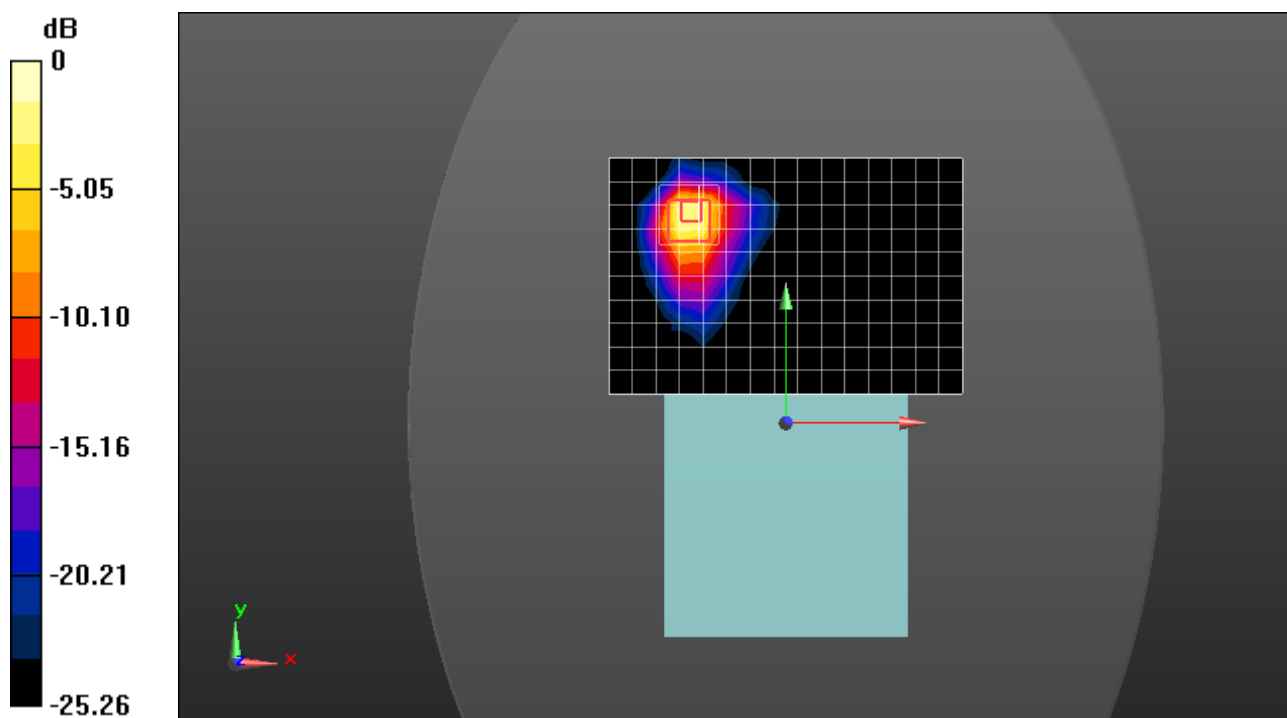
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.6980 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.451 W/kg

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg