



Appendix B. SAR Measurement Plots

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WiFi 2.4GHz Body
WiFi 5GHz Body

Test Laboratory: HUAWEI SAR/HAC Lab

T1-A21w WIFI2.4G 802.11b 6CH Back Side 0mm- Repeated

DUT: T1-A21w; Type: HUAWEI MediaPad T1 10; 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; $\sigma = 1.98$ S/m; $\epsilon_r = 50.813$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.29, 4.29, 4.29); Calibrated: 2014-9-24;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (16x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.900 W/kg

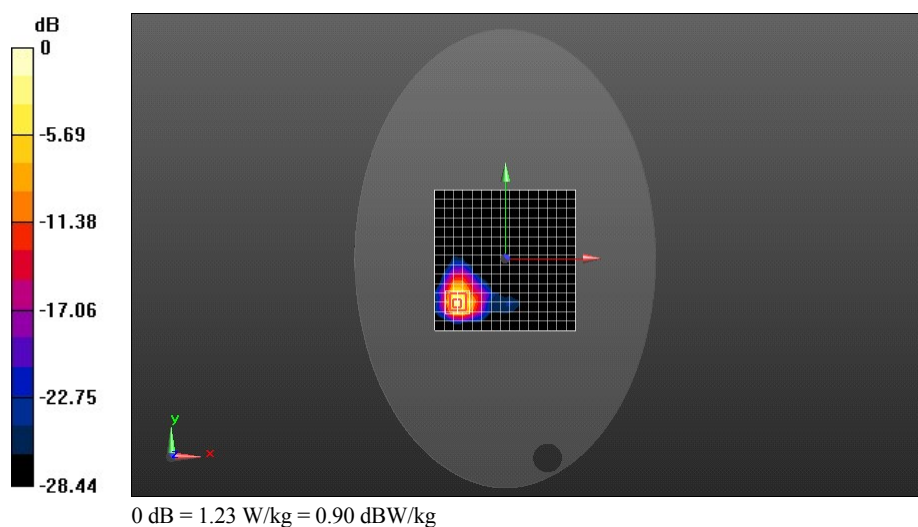
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

T1-A21w WiFi5G 802.11a 52CH Back Side 0mm

DUT: T1-A21w; Type: HUAWEI MediaPad T1 10; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.625$ S/m; $\epsilon_r = 49.215$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(4.05, 4.05, 4.05); Calibrated: 2014-4-24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (17x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 3.40 W/kg

Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

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

Peak SAR (extrapolated) = 7.13 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 3.35 W/kg

