



Appendix B. SAR Measurement Plots

Table of contents
CDMA BC0 Body
CDMA BC1 Body

Test Laboratory: HUAWEI SAR/HAC Lab

F258 CDMA BC0 384CH Top Side 25mm-antenna horizontal with battery 2#

DUT: F258, H258C; Type: Fixed Wireless Terminal; Serial: SAR1

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 53.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.06, 9.06, 9.06); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.550 W/kg

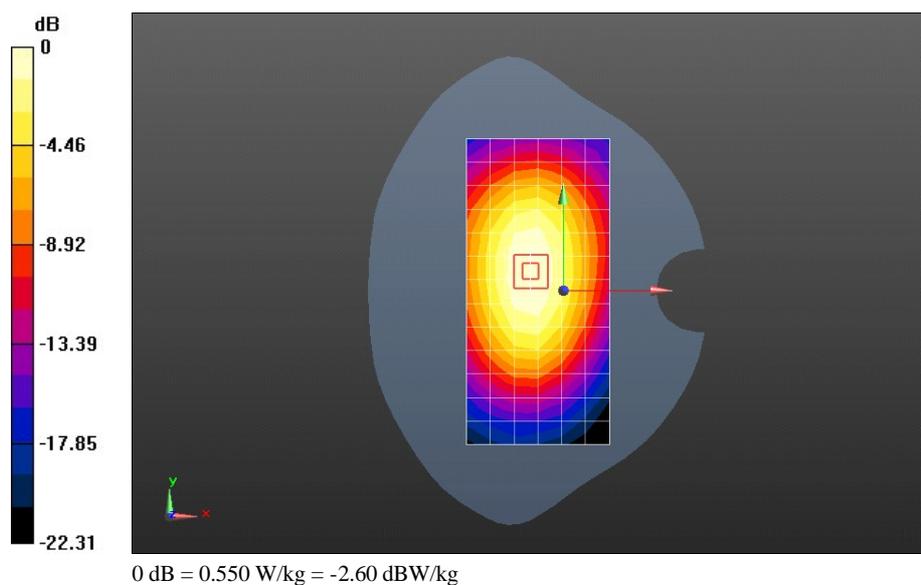
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.01 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.557 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

F258 CDMA BC1 600CH Top Side 25mm-antenna horizontal with Battery 2# and adapter

DUT: F258, H258C; Type: Fixed Wireless Terminal; Serial: SAR1

Communication System: UID 0, CDMA2000 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.798 W/kg

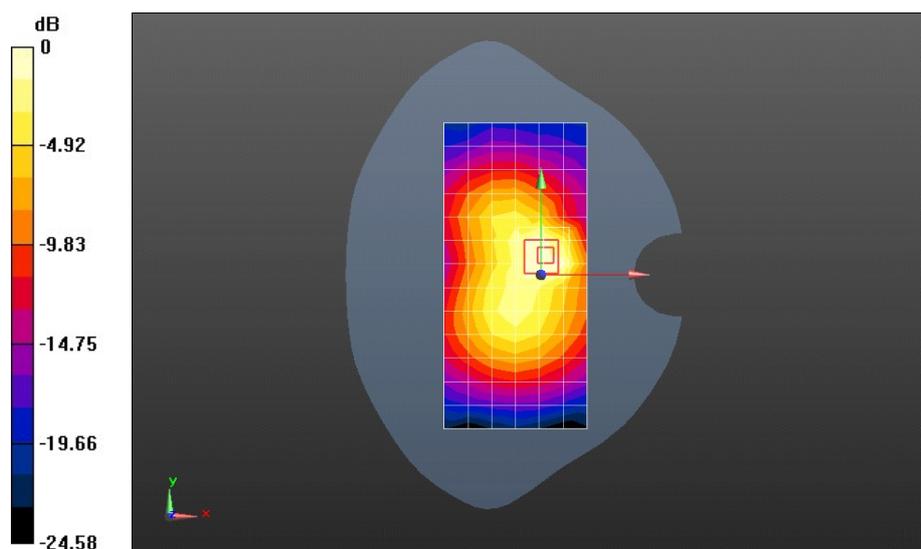
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.28 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg