



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

M2-801L GSM850 GSM 190CH Back Side with Headset 0mm

DUT: HUAWEI MediaPad M2 8.0; Type: M2-801L; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz; Duty Cycle 1:1

Medium parameters used: $f = 849$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 53.366$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.82, 8.82, 8.82); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.46 W/kg

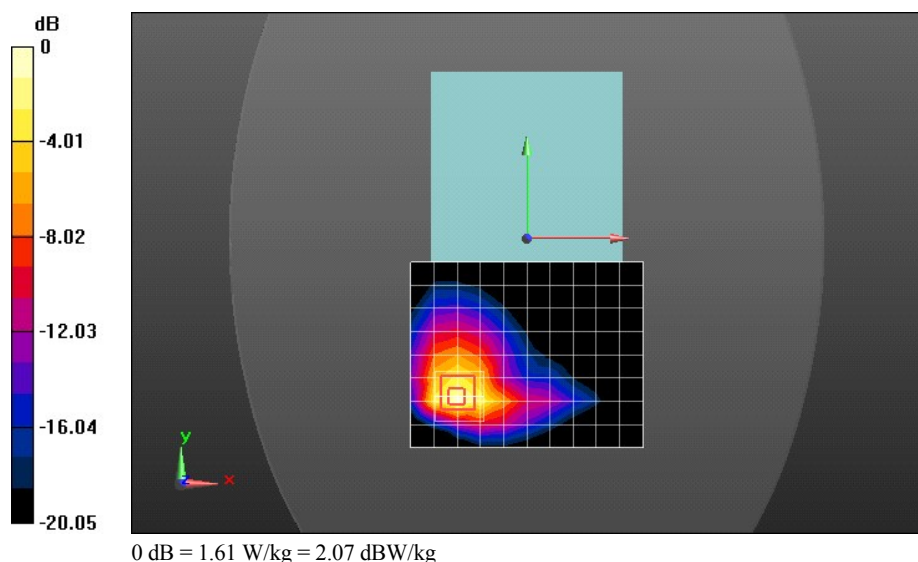
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.921 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.550 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M2-801L GSM1900 810CH Back Side with Headset-Repeated 0mm

DUT: HUAWEI MediaPad M2 8.0; Type: M2-801L; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1909.8 MHz; Duty Cycle 1:1

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 53.54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.24, 7.24, 7.24); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.08 W/kg

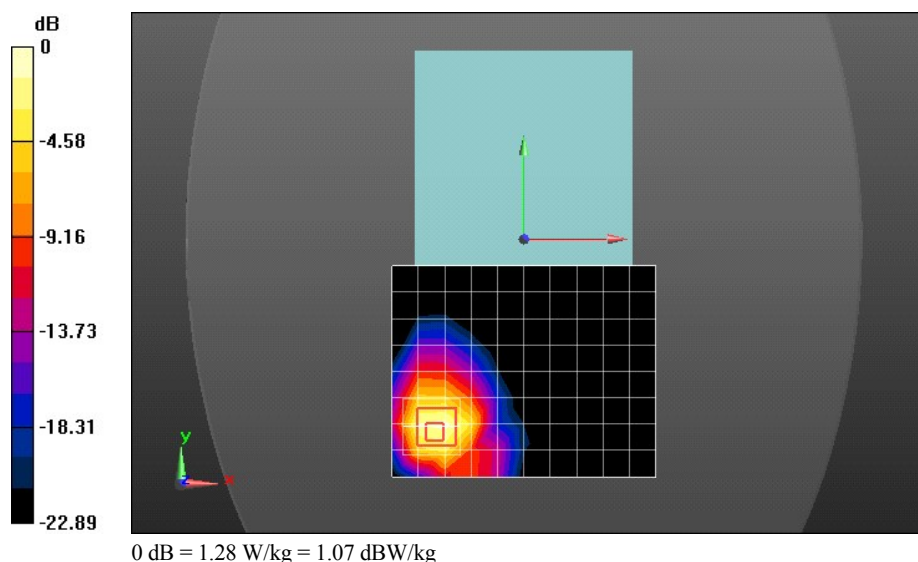
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.554 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M2-801L UMTS Band II 9262CH Back Side 0mm

DUT: HUAWEI MediaPad M2 8.0; Type: M2-801L; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz; Duty Cycle 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.454$ S/m; $\epsilon_r = 53.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.24, 7.24, 7.24); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (13x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.02 W/kg

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

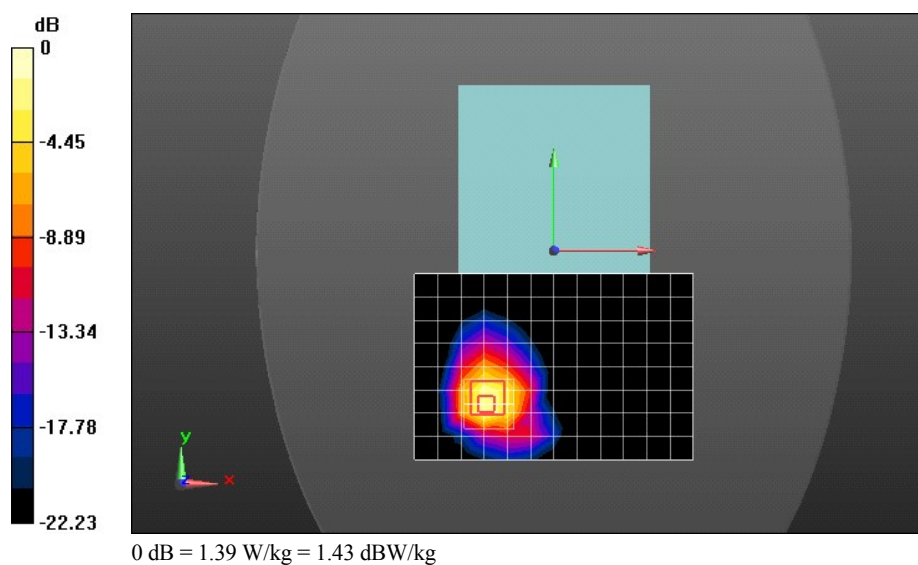
Reference Value = 0.700 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.551 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.39 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M2-801L UMTS Band V 4233CH Back Side 0mm-Repeated

DUT: HUAWEI MediaPad M2 8.0; Type: M2-801L; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 1.013$ S/m; $\epsilon_r = 53.386$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.82, 8.82, 8.82); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.22 W/kg

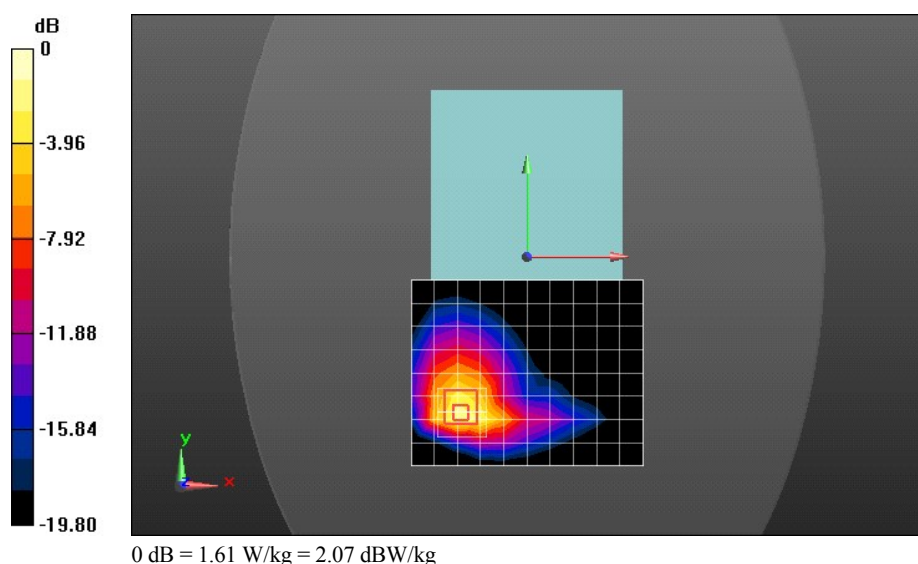
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.443 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.542 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M2-801L LTE Band VII 20M QPSK 1RB#0 21350CH Right Side 0mm with Battery 2#

DUT: HUAWEI MediaPad M2 8.0; Type: M2-801L; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.131$ S/m; $\epsilon_r = 51.163$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.65, 6.65, 6.65); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.573 W/kg

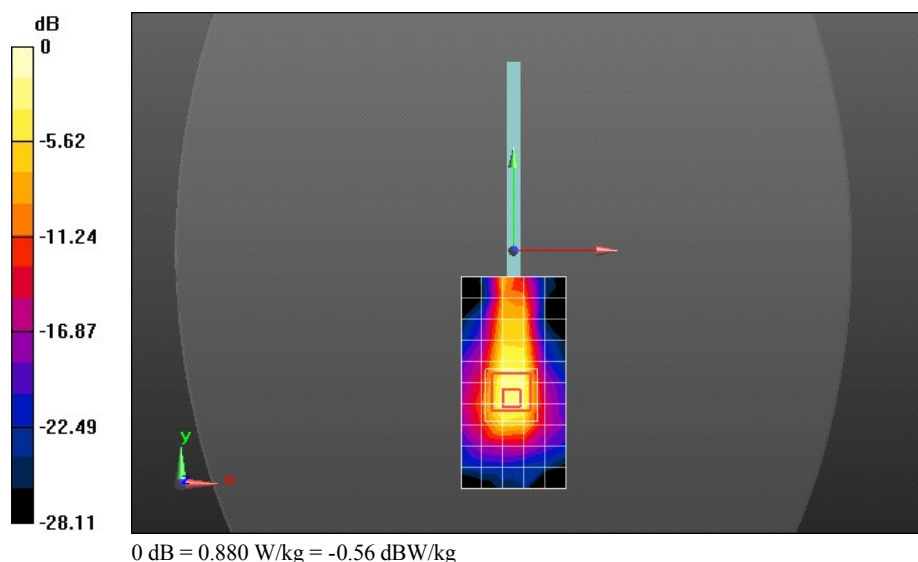
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.080 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.880 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M2-801L WIFI 2.4G 11g 11CH Top Side 0mm

DUT: HUAWEI MediaPad M2 8.0; Type: M2-801L; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz; Duty Cycle 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 50.861$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.35, 4.35, 4.35); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.932 W/kg

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

Reference Value = 6.002 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 4.21 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 1.54 W/kg

