



Appendix B. SAR Measurement Plots

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GSM850 Body
GSM1900 Body
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WiFi 2450 MHz Body

Test Laboratory: HUAWEI SAR/HAC Lab

E8377s-153 GSM850 GPRS 3TS 190CH Left side 10mm

DUT: E8377s-153; Type: HiLink CarFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77013

Medium parameters used: $f = 837$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 54.303$; $\rho = 1000$ 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: SAM2; Type: SAM; Serial: TP-1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.190 W/kg

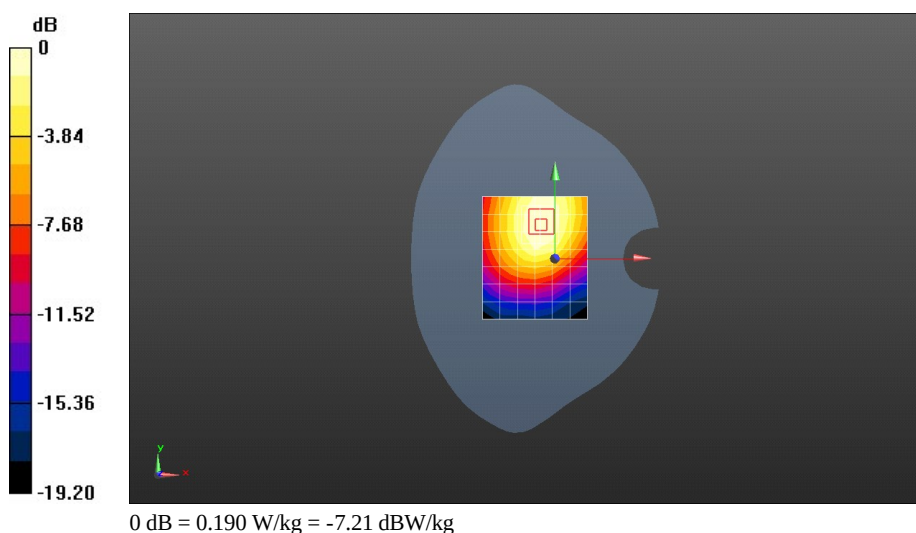
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.30 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

E8377s-153 GSM1900 GPRS 3TS 661CH Front side 10mm

DUT: E8377s-153; Type: HiLink CarFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77013

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.222$; $\rho = 1000$ 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 (7x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.297 W/kg

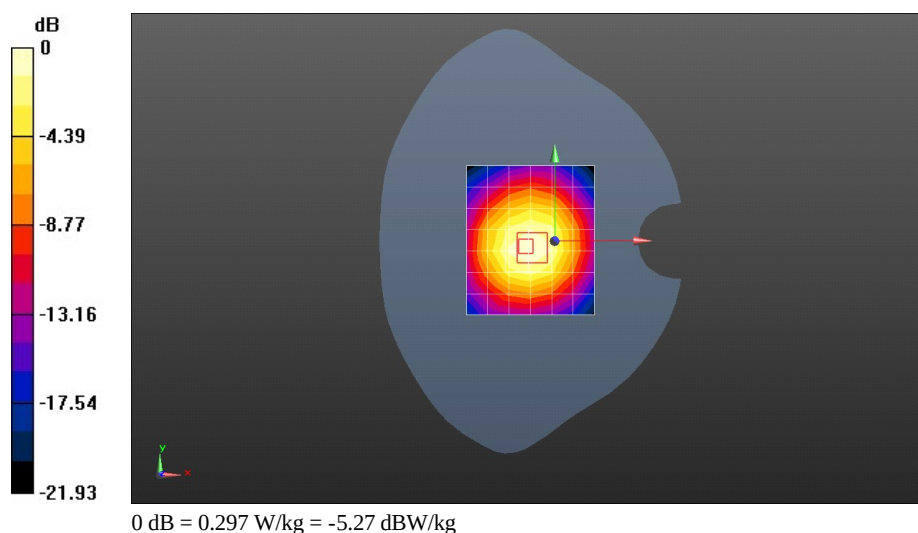
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.70 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.296 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

E8377s-153 LTE Band VII 20M QPSK 1RB#99 20850CH Left side 10mm

DUT: E8377s-153; Type: HiLink CarFi; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.118$ S/m; $\epsilon_r = 52.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.54, 6.54, 6.54); 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 (8x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.921 W/kg

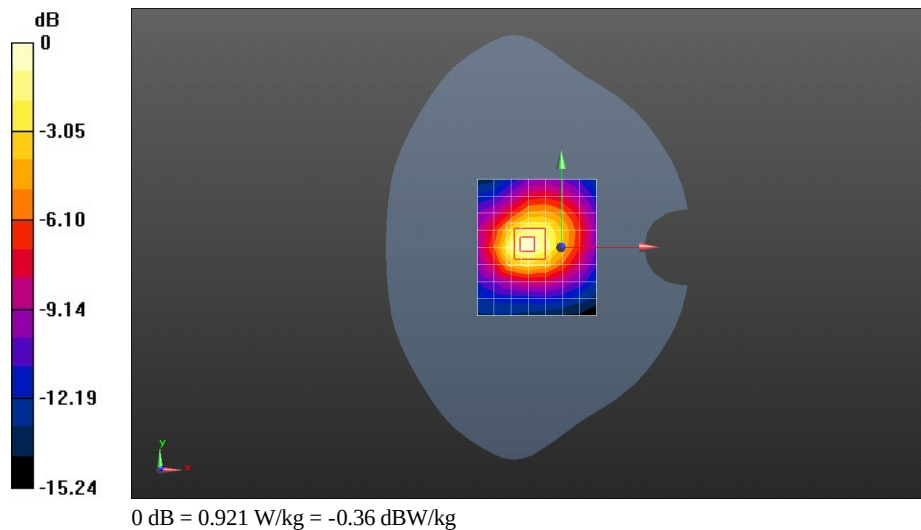
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.33 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.961 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

E8377s-153 WiFi 2.4G 11b 4CH Left side 10mm

DUT: E8377s-153; Type: HiLink CarFi; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2427 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2427$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.266$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.69, 6.69, 6.69); 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 (8x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0197 W/kg

Configuration/Body/Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.304 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0320 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00672 W/kg

Maximum value of SAR (measured) = 0.0222 W/kg

