



Appendix B. SAR Measurement Plots

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GSM 850 Body
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Test Laboratory: HUAWEI SAR/HAC Lab

E303h-6 GSM850 GPRS 2TS 251CH Front side 5mm

DUT: E303h-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: UID 0, HW-GSM(GPRS)EGPRS-2TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 849$ MHz; $\sigma = 0.986$ S/m; $\epsilon_r = 53.989$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.815 W/kg

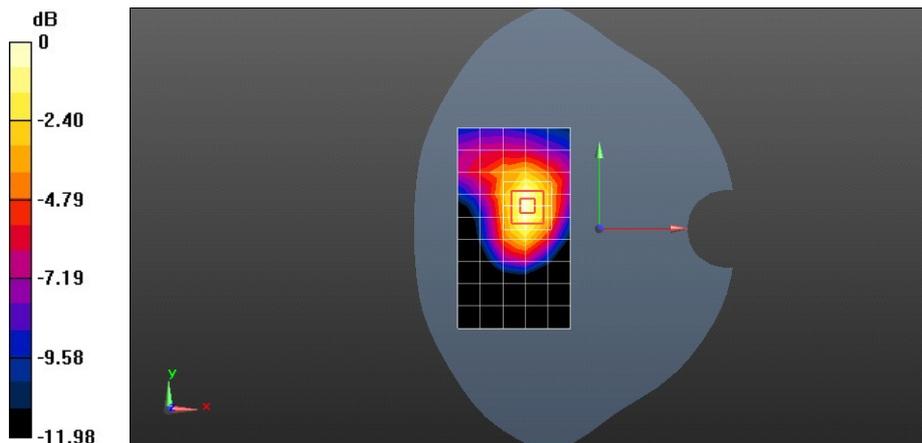
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.404 V/m; Power Drift = 0.12 dB

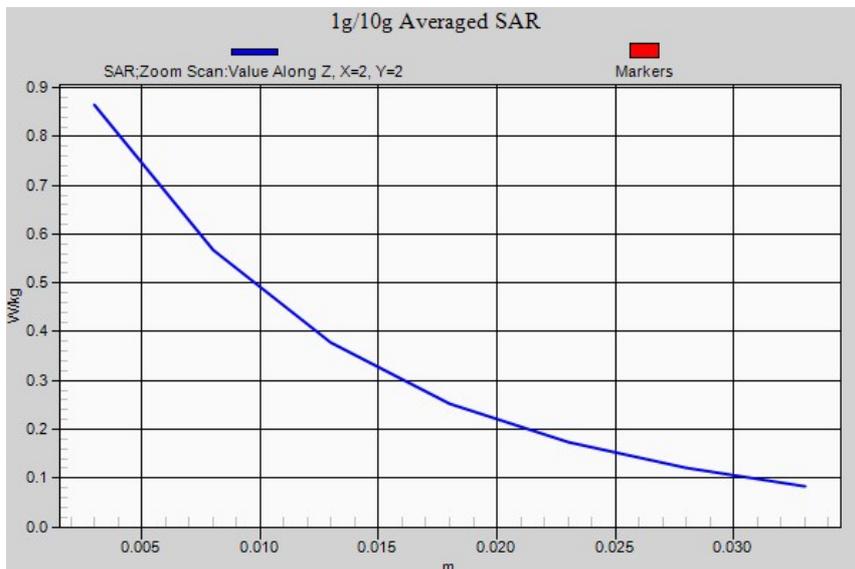
Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.446 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.864 W/kg = -0.63 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

E303h-6 GSM1900 GPRS 2TS 661CH Front side 5mm

DUT: E303h-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 52.903$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.625 W/kg

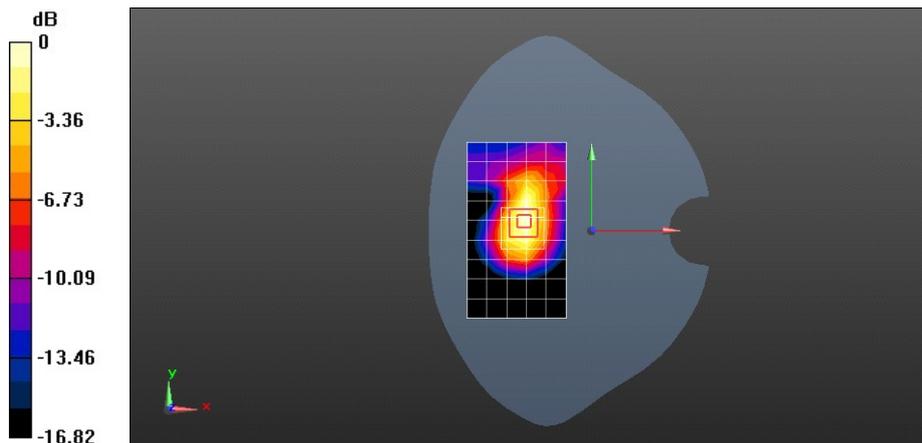
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.091 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.630 W/kg = -2.01 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

E303h-6 UMTS Band V 4233CH Front side 5mm

DUT: E303h-6; Type: HSPA USB Stick; Serial: SAR1

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

Medium parameters used: $f = 847$ MHz; $\sigma = 0.984$ S/m; $\epsilon_r = 54.018$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.760 W/kg

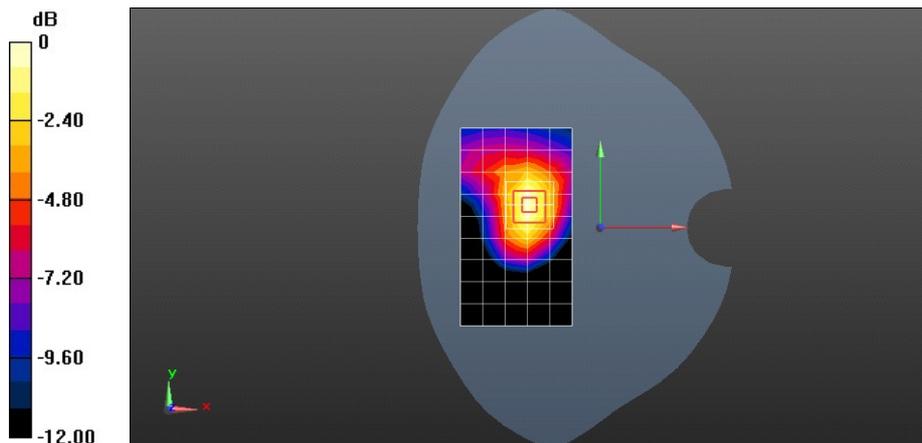
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.124 V/m; Power Drift = -0.09 dB

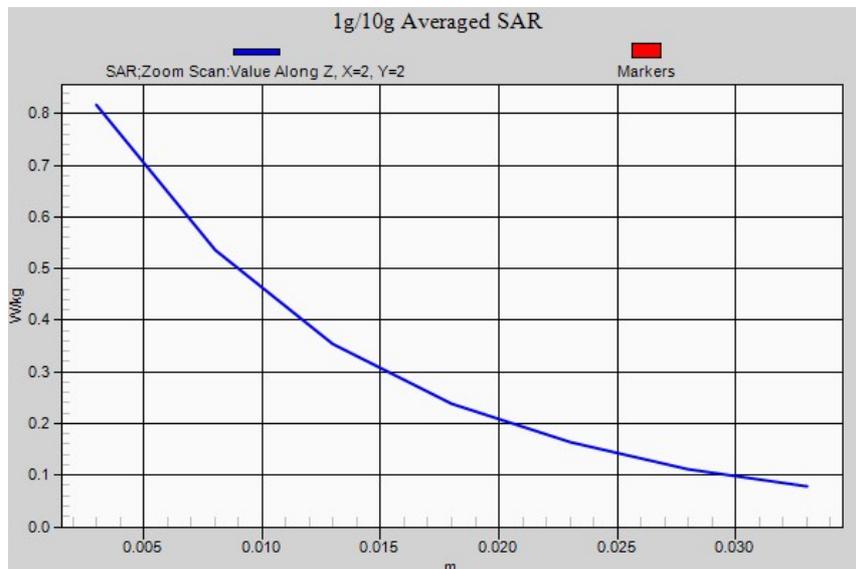
Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 0.817 W/kg



0 dB = 0.817 W/kg = -0.88 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

E303h-6 UMTS Band II 9400CH Front side 5mm**DUT: E303h-6; Type: HSPA USB Stick; Serial: SAR1**

Communication System: UID 0, HW-UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 52.903$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.734 W/kg

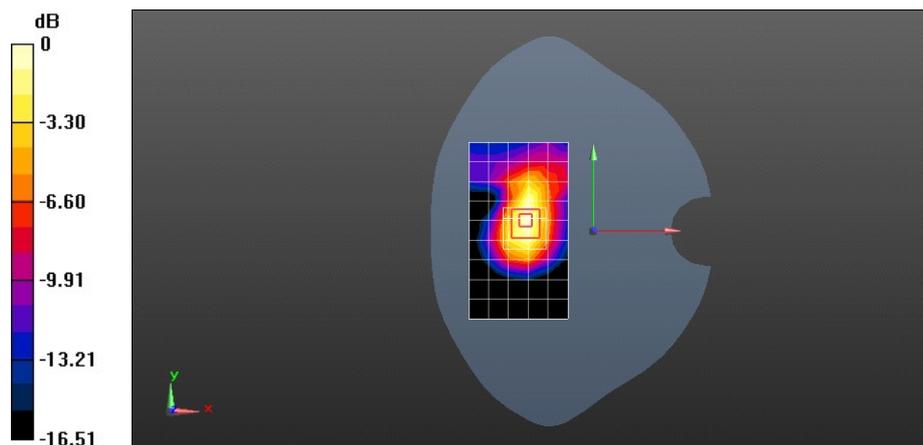
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.602 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg

