



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

DC04 GSM850 GPRS 2TS 128CH Front side 10mm

DUT: DC04; Type: Mobile WiFi; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 824.4 MHz; Duty Cycle 1:4.10015

Medium parameters used (interpolated): $f = 824.4$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 54.049$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(9.67, 9.67, 9.67); Calibrated: 2015/10/30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2015/10/22
- Phantom: SAM 6; Type: SAM; Serial: TP:1892
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.944 W/kg

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

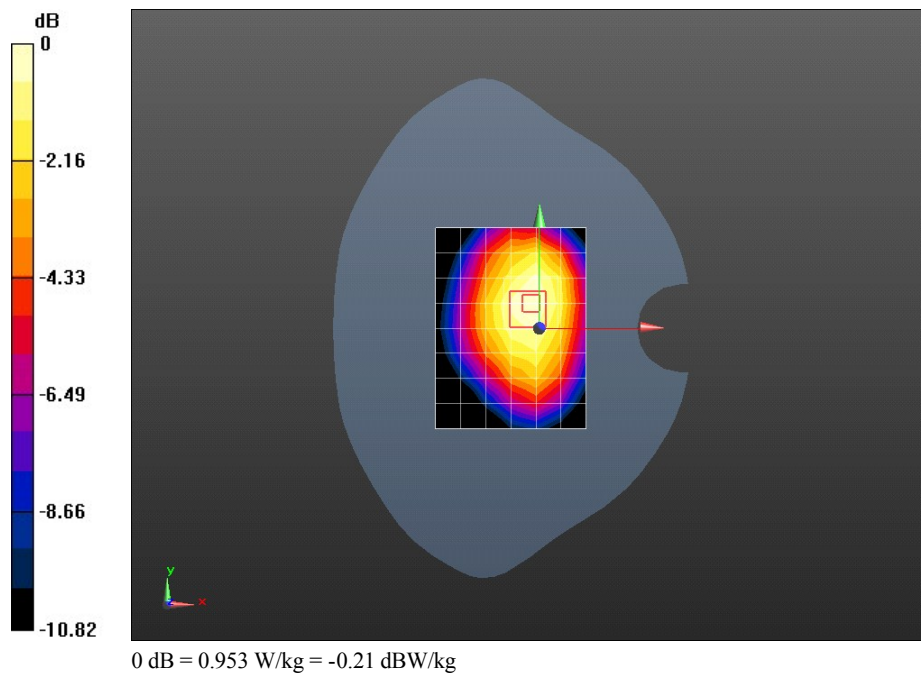
Reference Value = 27.422 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.614 W/kg

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

Maximum value of SAR (measured) = 0.953 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

DC04 GSM1900 GPRS 2TS 661CH Right side 10mm with battery 2# -Repeated

DUT: DC04; Type: Mobile WiFi; Serial: SAR3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 51.909$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.6, 7.6, 7.6); Calibrated: 2015/10/30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2015/10/22
- Phantom: SAM 6; Type: SAM; Serial: TP:1892
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.969 W/kg

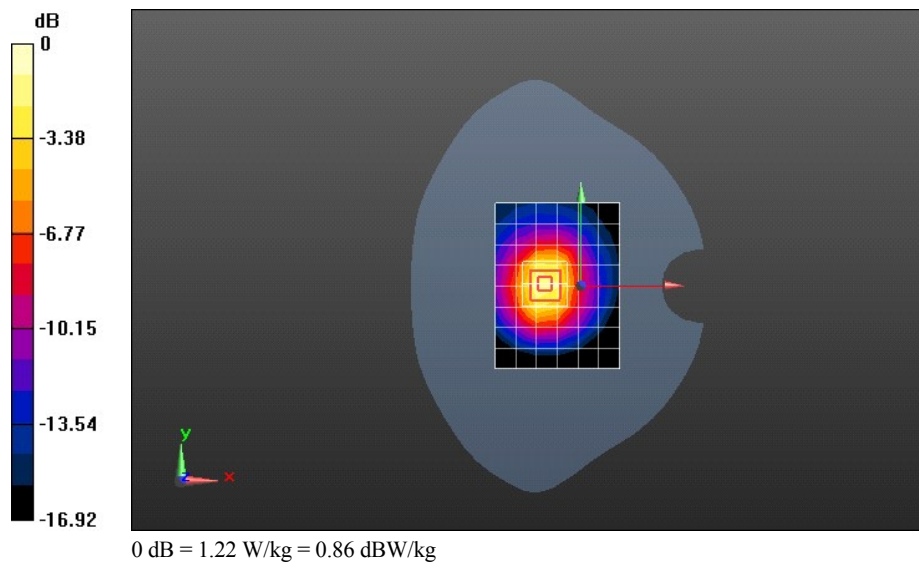
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.726 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.549 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

DC04 UMTS Band V 4132CH Front side 10mm

DUT: DC04; Type: Mobile WiFi; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.983$ S/m; $\epsilon_r = 54.026$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(9.67, 9.67, 9.67); Calibrated: 2015/10/30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2015/10/22
- Phantom: SAM 6; Type: SAM; Serial: TP:1892
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 1.03 W/kg

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

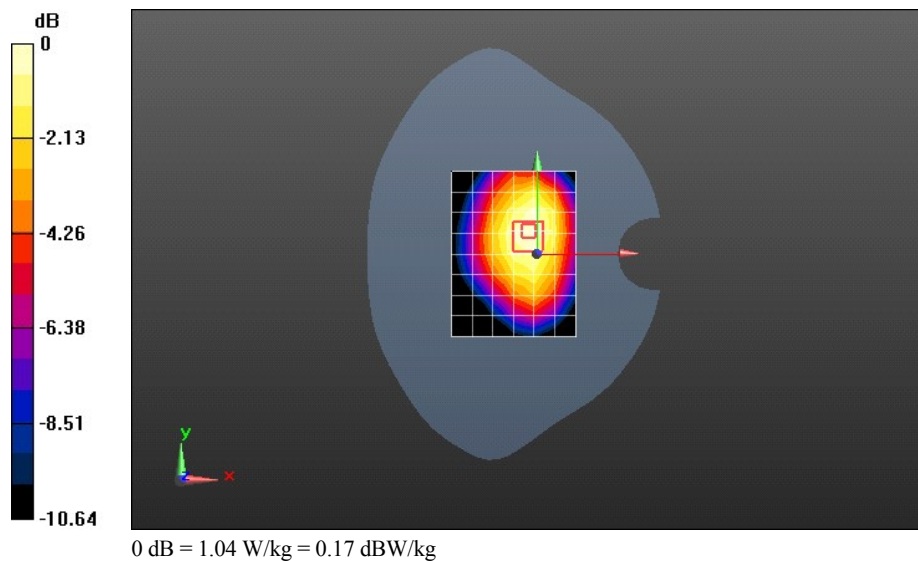
Reference Value = 28.386 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.675 W/kg

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

Maximum value of SAR (measured) = 1.04 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

DC04 WIFI 2.4G 6CH Front side 10mm -ANT1

DUT: DC04; Type: Mobile WiFi; Serial: SAR3

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz; Duty Cycle 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 52.011$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.22, 7.22, 7.22); Calibrated: 2015/10/30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2015/10/22
- Phantom: SAM 6; Type: SAM; Serial: TP:1892
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.118 W/kg

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

Reference Value = 3.064 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.152 W/kg

