Appendix B. SAR Measurement Plots

Table of contents
GSM850 Body
GSM1900 Body
2.4G WIFI Body

Date: 2013-12-31

Test Laboratory: HUAWEI SAR/HAC Lab

S10-231u GSM850 GPRS 2TS 190CH Back side 0mm

DUT: S10-231u; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

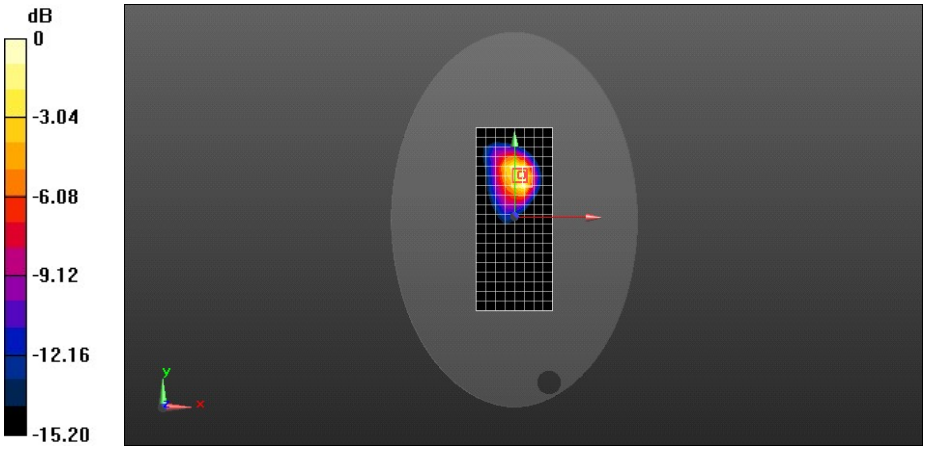
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.975 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Sn852; Calibrated: 2013-11-27
- Phantom: ELI4; Type: ELI4; Serial: TP:1111
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x20x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.790 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.256 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 W/kg = -0.63 dBW/kg

Date: 2013-12-31

Test Laboratory: HUAWEI SAR/HAC Lab

S10-231u GSM1900 GPRS 2TS 661CH Back side 0mm

DUT: S10-231u; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

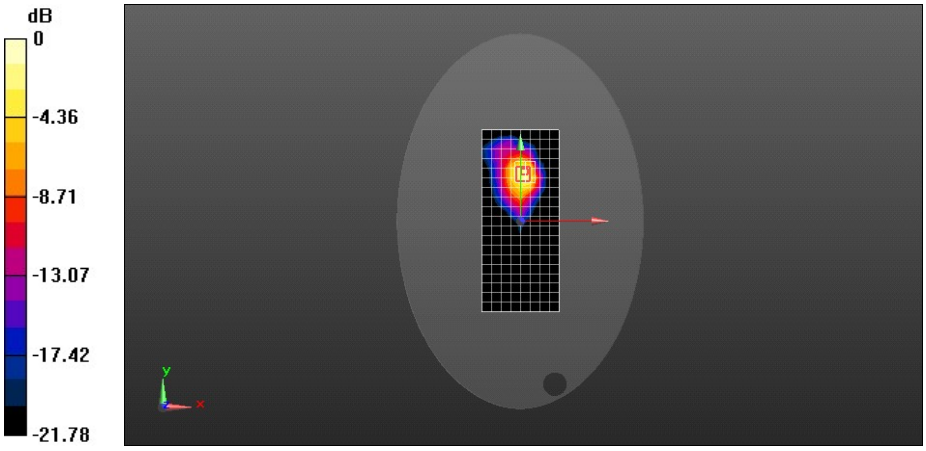
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.466 S/m; ε_r = 52.74; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Sn852; Calibrated: 2013-11-27
- Phantom: ELI4; Type: ELI4; Serial: TP:1111
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x20x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.507 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.904 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.989 W/kg
SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.628 W/kg



0 dB = 0.628 W/kg = -2.02 dBW/kg

Date: 2014-1-2

Test Laboratory: HUAWEI SAR/HAC Lab

S10-231u WIFI 802.11b 6CH Back side 0mm

DUT: S10-231u; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

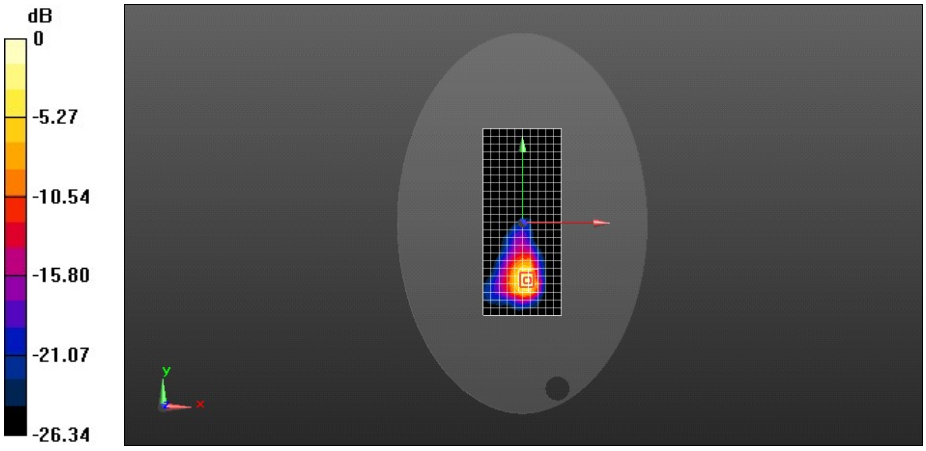
Communication System: UID 0, WiFi (802.11*) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.97 S/m; ε_r = 50.865; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: ELI4; Type: ELI4; Serial: TP:1111
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (11x25x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.939 W/kg

Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.550 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg