Appendix B. SAR Measurement Plots

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Date: 2015/11/4

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 GSM850 251CH Right hand touch cheek

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

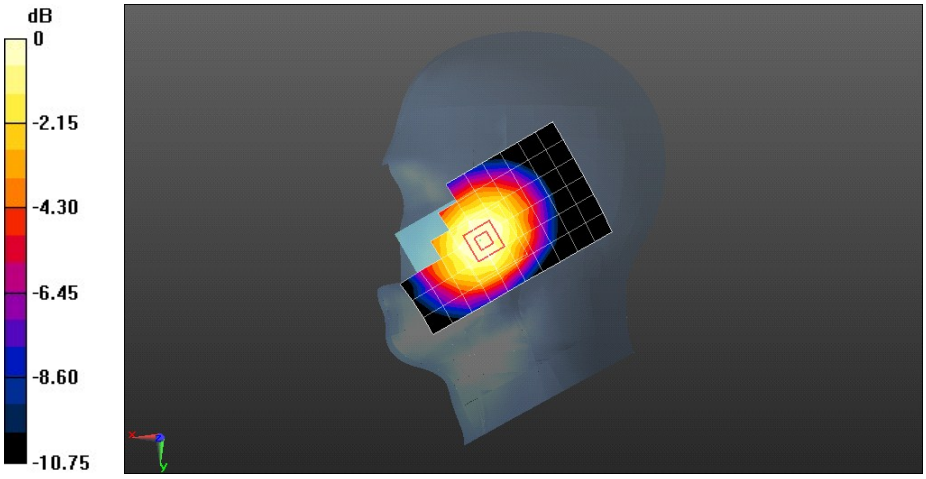
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz;Duty Cycle 1:1
Medium parameters used: f = 849 MHz; σ = 0.917 S/m; ε_r = 40.681; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.92, 9.92, 9.92); Calibrated: 2015/1/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.755 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.044 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.782 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.557 W/kg
Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.748 W/kg = -1.26 dBW/kg

Date: 2015/11/5

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 GSM850 190CH Back side 15mm

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

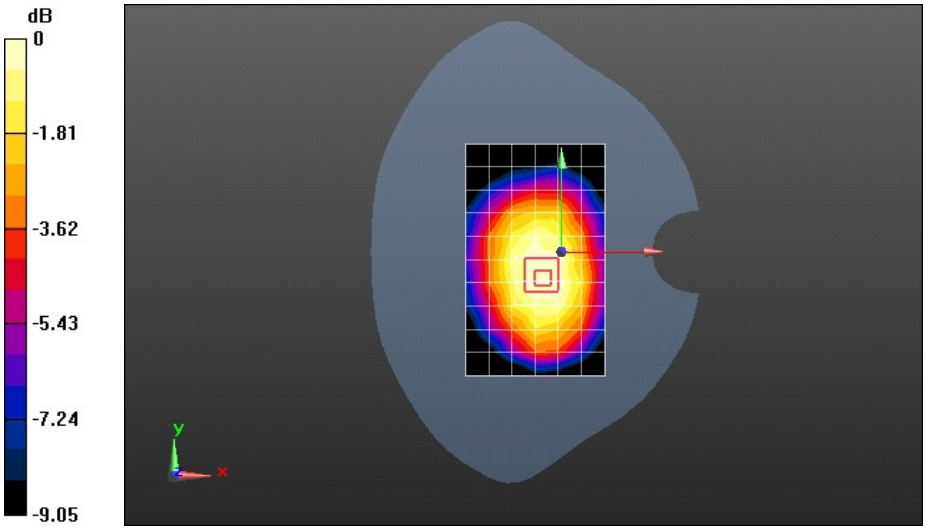
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle 1:1
Medium parameters used: f = 837 MHz; σ = 0.989 S/m; ε_r = 53.085; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.698 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.475 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.720 W/kg
SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.475 W/kg
Maximum value of SAR (measured) = 0.665 W/kg



0 dB = 0.665 W/kg = -1.77 dBW/kg

Date: 2015/11/5

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 GSM850 GPRS 2TS 251CH Back side 10mm-repeated

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

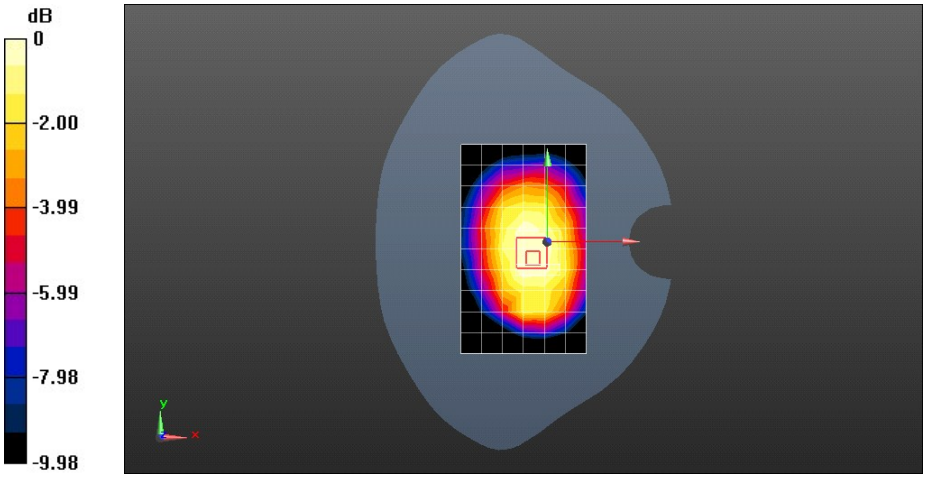
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 848.8 MHz;Duty Cycle 1:1
Medium parameters used: f = 849 MHz; σ = 1.003 S/m; ε_r = 52.957; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.19 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.736 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.840 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

Date: 2015/11/4

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 GSM1900 661CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

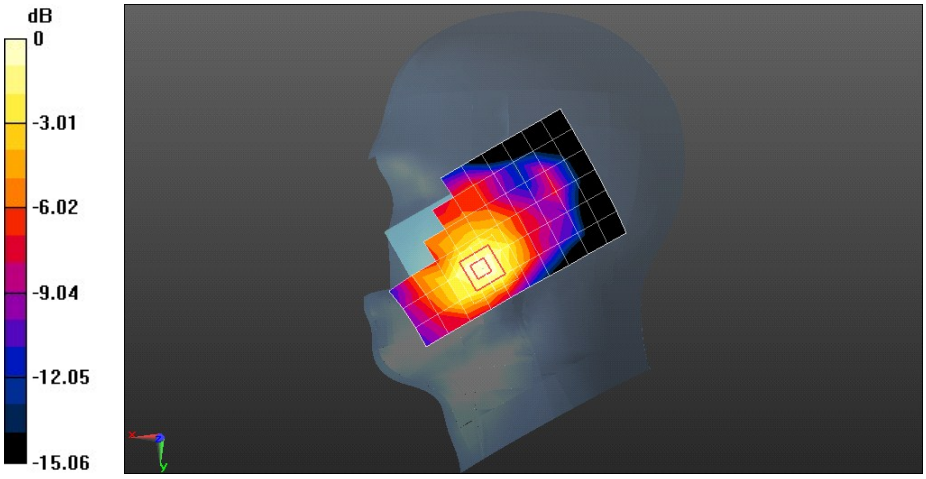
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1909.8 MHz;Duty Cycle 1:1
Medium parameters used: f = 1910 MHz; σ = 1.456 S/m; ε_r = 38.567; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.12, 8.12, 8.12); Calibrated: 2015/1/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.477 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.968 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

Date: 2015/11/4

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 GSM1900 661CH Back side 15mm

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

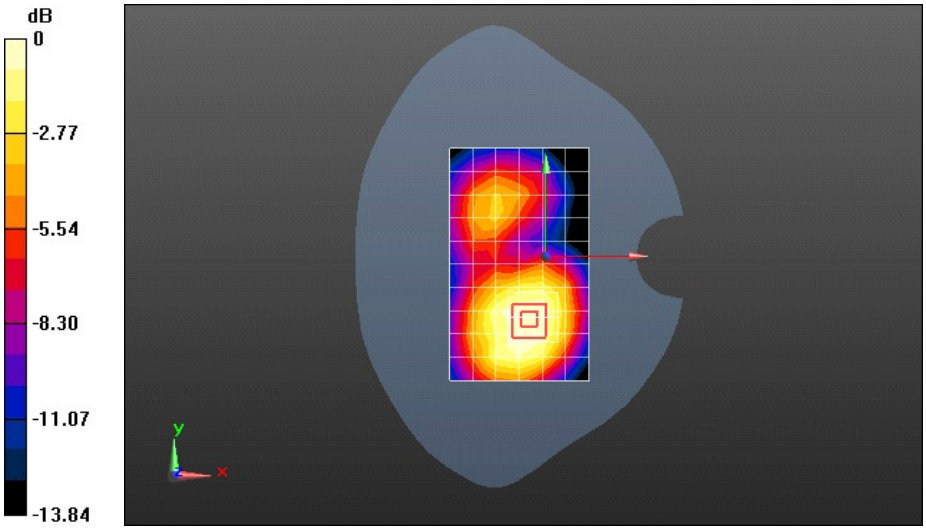
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle 1:1
Medium parameters used: f = 1880 MHz; σ = 1.514 S/m; ε_r = 51.81; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015/1/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.369 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.794 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg = -4.23 dBW/kg

Date: 2015/11/5

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 GSM1900 GPRS 2TS 810CH Bottom side 10mm with battery 2#

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

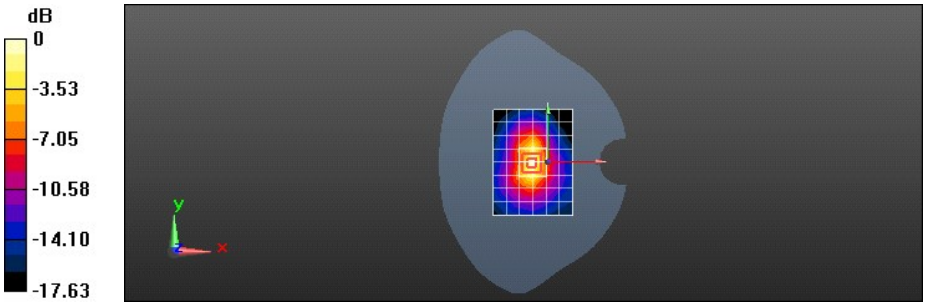
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1909.8 MHz;Duty Cycle 1:1
Medium parameters used: f = 1910 MHz; σ = 1.541 S/m; ε_r = 51.731; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015/1/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.25 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.654 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Date: 2015/12/7

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 Wifi 2.4g 11b 6CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

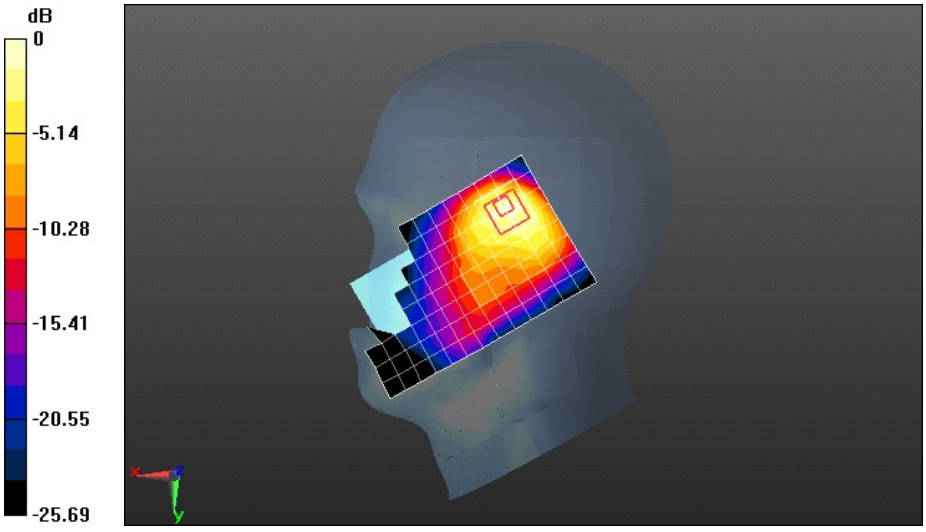
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle 1:1
Medium parameters used: f = 2437 MHz; σ = 1.799 S/m; ε_r = 37.842; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.55, 4.55, 4.55); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.811 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.049 V/m; Power Drift = 0.10dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.325 W/kg
Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg = -0.60 dBW/kg

Date: 2015/12/8

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 WIFI2.4G 802.11b 6CH Front side 15mm

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR2

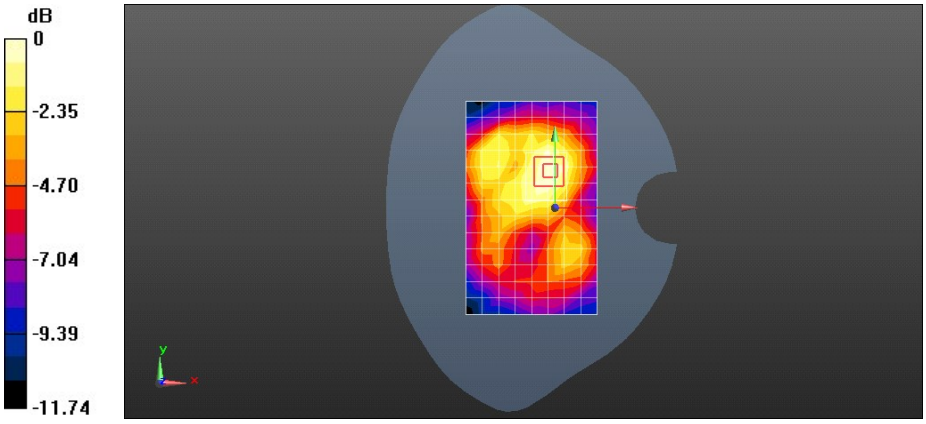
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 2.014 S/m; ε_r = 50.99; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - 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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0765W/kg

Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.831 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0114 W/kg
SAR(1 g) = 0.064W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.0771 W/kg



0 dB = 0.0730 W/kg = -11.37 dBW/kg

Date: 2015/12/8

Test Laboratory: HUAWEI SAR/HAC Lab

Y360-U31 Wifi 2.4g 11b 6CH Top Side 10mm

DUT: HUAWEI Y360-U31; Type: WCDMA Mobile Phone; Serial: SAR1

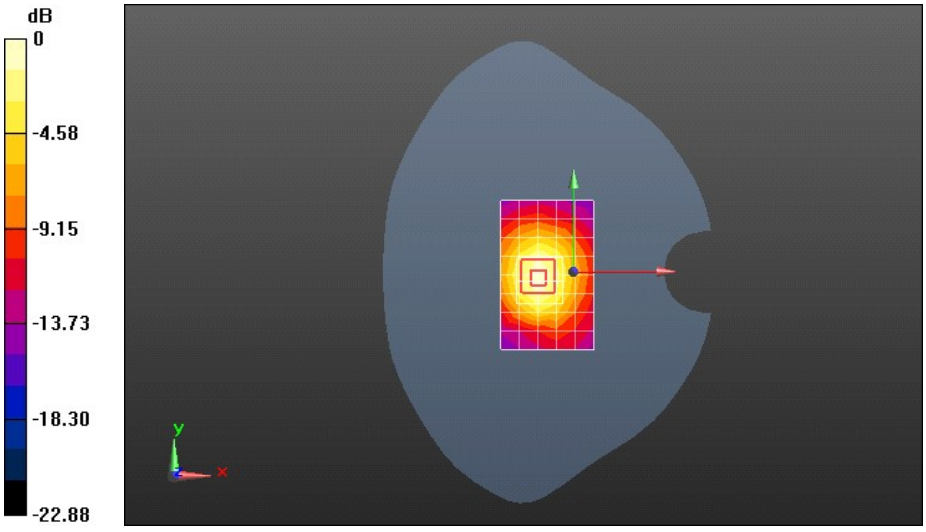
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle 1:1
Medium parameters used: f = 2437 MHz; σ = 2.014 S/m; ε_r = 50.99; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.160 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.945 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.161 W/kg



0 dB = 0.161 W/kg = -7.93 dBW/kg