Appendix B. SAR Measurement Plots

Table of contents
GSM850 Head
GSM850 Body
GSM1900 Head
GSM1900 Body
UMTS Band V Head
UMTS Band V Body
LTE Band VII Head
LTE Band VII Body
WiFi 2450 MHz Head
WiFi 2450 MHz Body

Date: 2014-2-24

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GMS850 190CH Right hand touch cheek

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

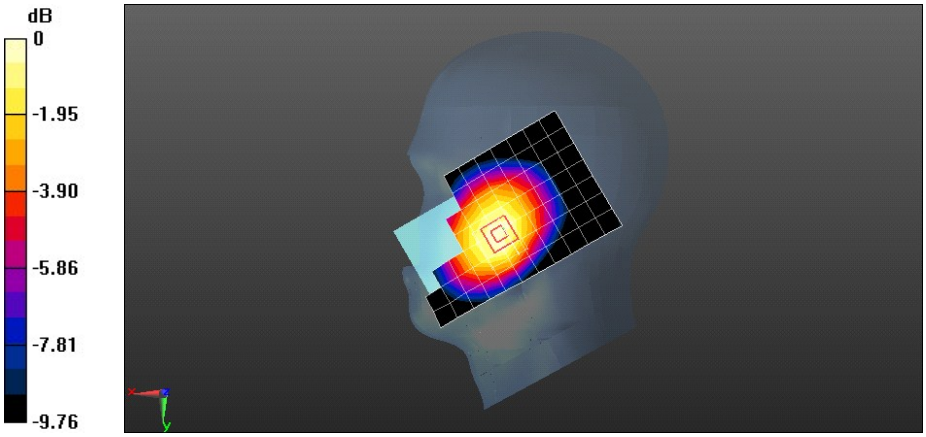
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.933 S/m; ε_r = 42.72; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.26, 6.26, 6.26); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.730 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.837 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.875 W/kg
SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.497 W/kg
Maximum value of SAR (measured) = 0.737 W/kg



0 dB = 0.737 W/kg = -1.33 dBW/kg

Date: 2014-2-23

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GSM850 128CH Back side 15mm with battery 2#

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.947 S/m; ε_r = 53.699; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

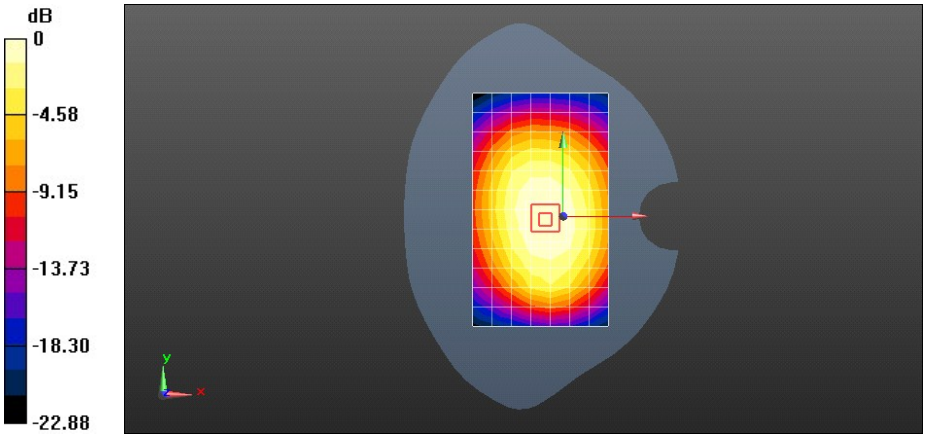
- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.867 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.091 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.604 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.869 W/kg



0 dB = 0.867 W/kg = -0.62 dBW/kg

Date: 2014-2-23

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GSM850 GPRS 4TS 128CH Back side 10mm with battery 2#

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-4TS (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.0797
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.947 S/m; ε_r = 53.699; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

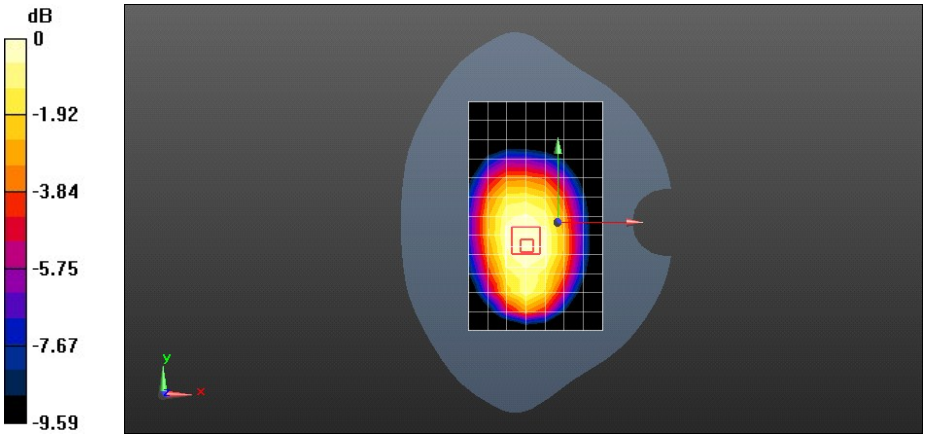
- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.21 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.119 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.857 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Date: 2014-2-23

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GSM850 GPRS 4TS 128CH Back side 10mm with battery 2#-repeated

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-4TS (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.0797
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.947 S/m; ε_r = 53.699; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

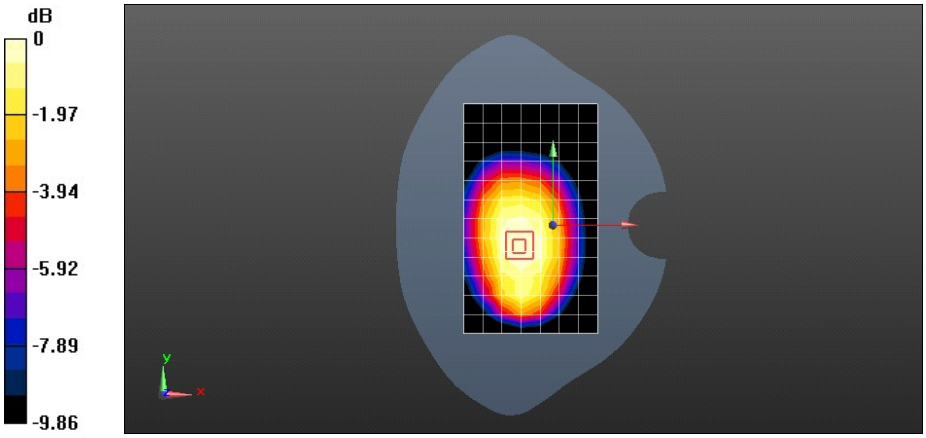
- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.21 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.708 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.857 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Date: 2014-2-26

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GMS1900 661CH Right hand touch cheek

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

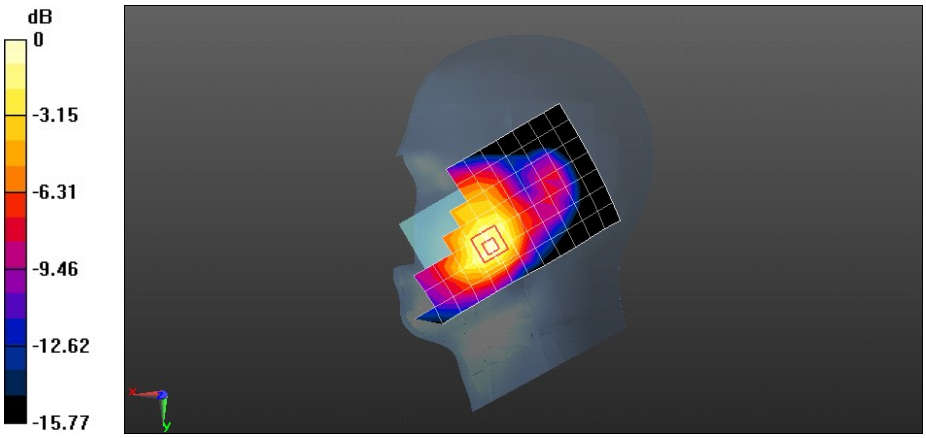
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.15, 5.15, 5.15); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.332 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.982 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg

Date: 2014-2-27

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GSM1900 661CH Back side 15mm with battery 2#

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

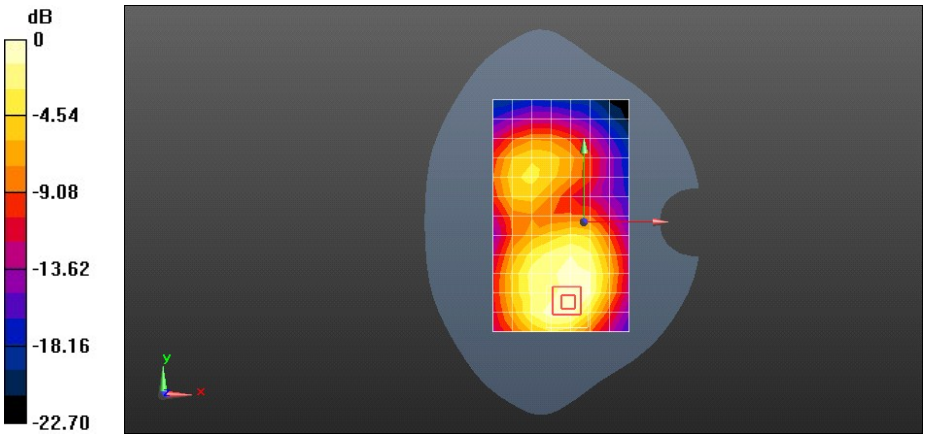
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.467 S/m; ε_r = 50.913; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.343 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.157 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.343 W/kg = -4.64 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GSM1900 GPRS 4TS 810CH Back side 10mm

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

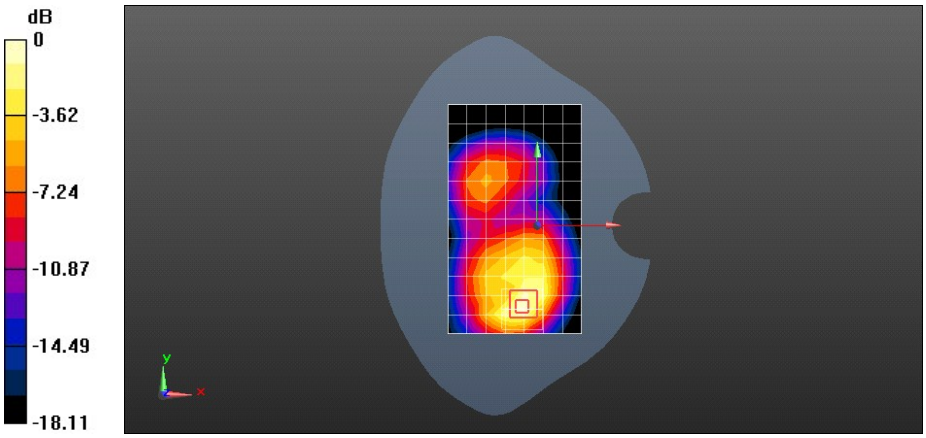
Communication System: UID 0, HW-GSM\GPRS\EGPRS-4TS (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.0797
Medium parameters used: f = 1910 MHz; σ = 1.493 S/m; ε_r = 50.783; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.877 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.896 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.452 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.36 dBW/kg

Date: 2014-2-27

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 GSM1900 GPRS 4TS 810CH Back side 10mm-repeated

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

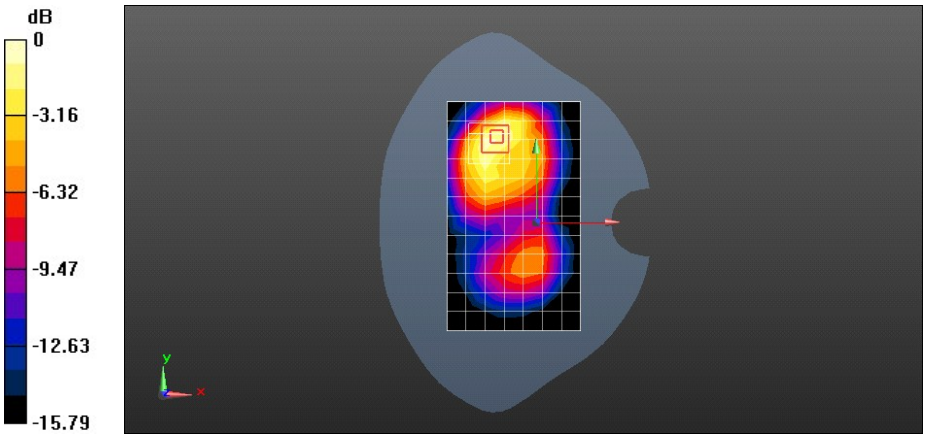
Communication System: UID 0, HW-GSM\GPRS\EGPRS-4TS (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.0797
Medium parameters used: f = 1910 MHz; σ = 1.493 S/m; ε_r = 50.783; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.786 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.324 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.415 W/kg
Maximum value of SAR (measured) = 0.966 W/kg



0 dB = 0.966 W/kg = -0.15 dBW/kg

Date: 2014-2-24

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 UMTS Band V 4182CH Right hand touch

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.933 S/m; ε_r = 42.657; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

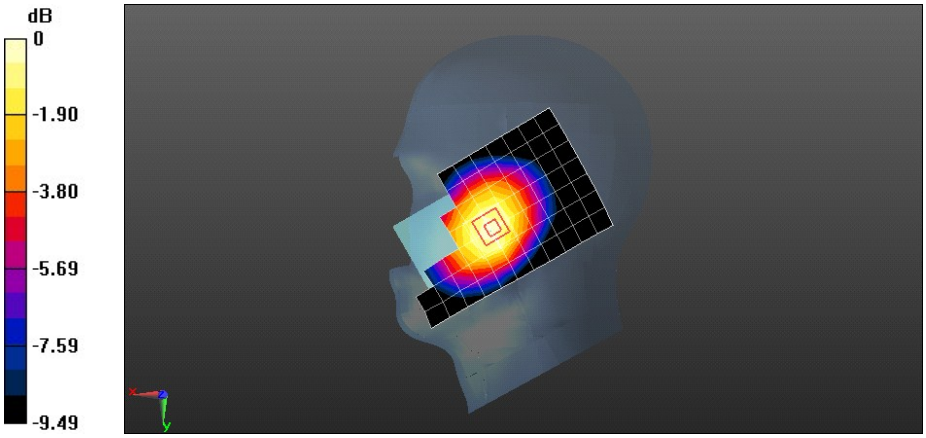
- Probe: ES3DV3 - SN3168; ConvF(6.26, 6.26, 6.26); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.745 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.230 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.875 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.501 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.747 W/kg = -1.27 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 UMTS Band V 4233CH Back side 15mm

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

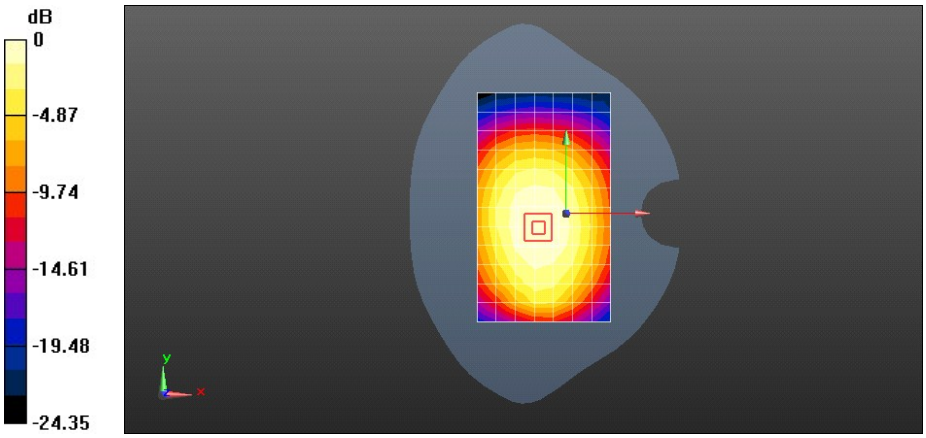
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.974 S/m; ε_r = 53.042; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.881 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.251 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.622 W/kg
Maximum value of SAR (measured) = 0.914 W/kg



0 dB = 0.881 W/kg = -0.55 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 UMTS Band V 4233CH Back side 10mm

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

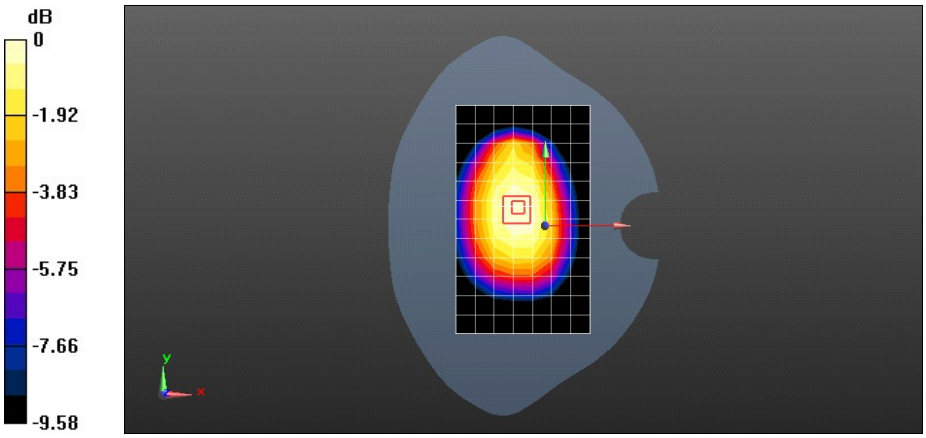
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.974 S/m; ε_r = 53.042; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.03 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.998 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.724 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.18 dBW/kg

Date: 2014-3-1

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 UMTS Band V 4233CH Back side 10mm-repeated

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

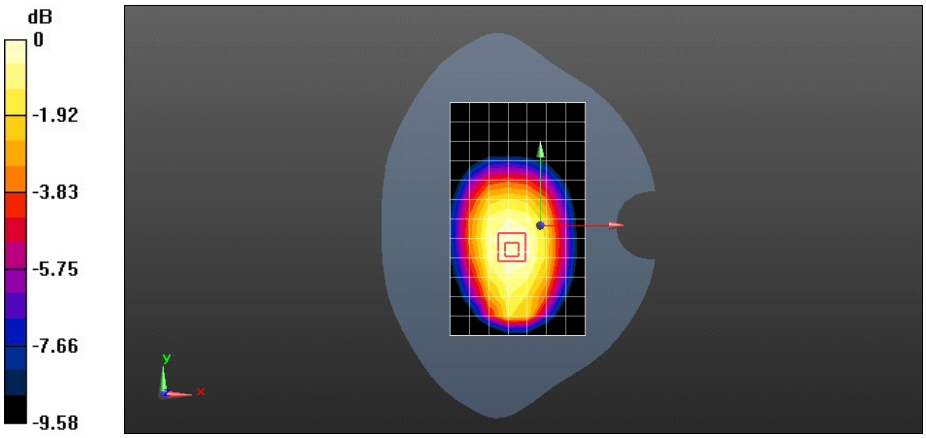
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.974 S/m; ε_r = 53.042; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.959 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.721 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.14 dBW/kg

Date: 2014-3-7

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 LTE Band VII 20M QPSK 1RB#50 21100CH Left hand touch cheek

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

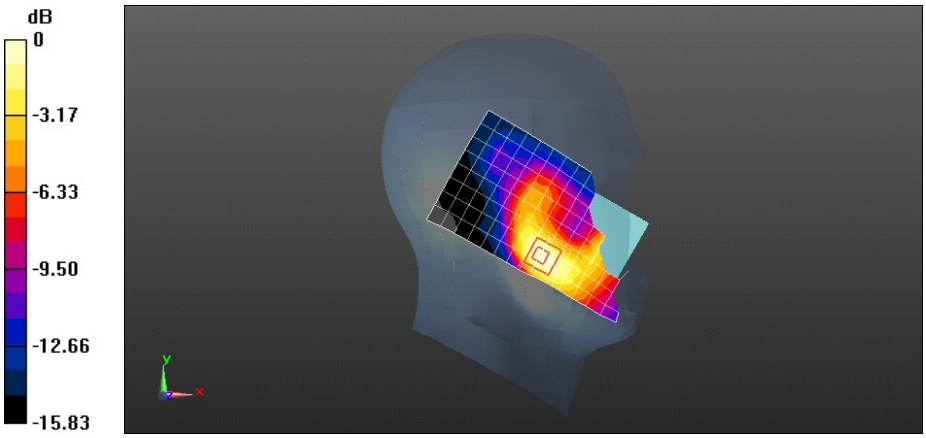
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.495; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.39, 4.39, 4.39); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.528 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.099 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.574 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 LTE Band VII 20M QPSK 1RB#0 21350CH Back side 15mm with battery 2#

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

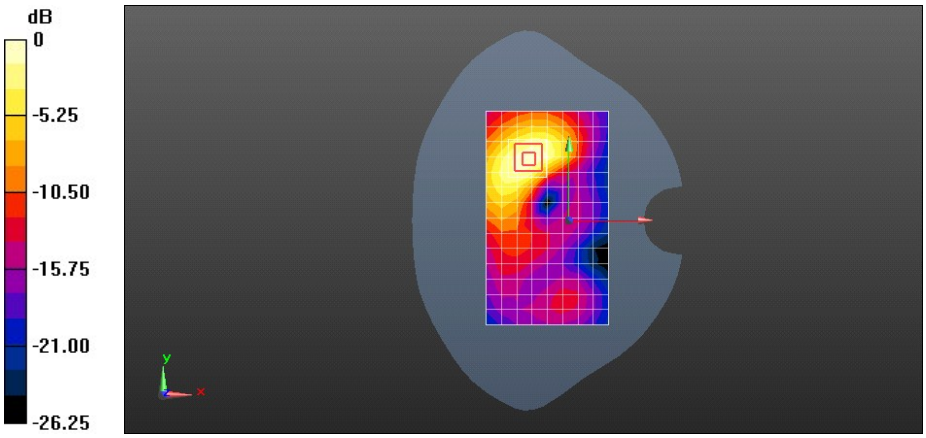
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.14 S/m; ε_r = 51.062; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.1, 4.1, 4.1); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.46 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.726 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.34 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.586 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.46 W/kg = 1.65 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 LTE Band VII 20M QPSK 1RB#0 21350CH Back side 15mm with battery 2#-repeated

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

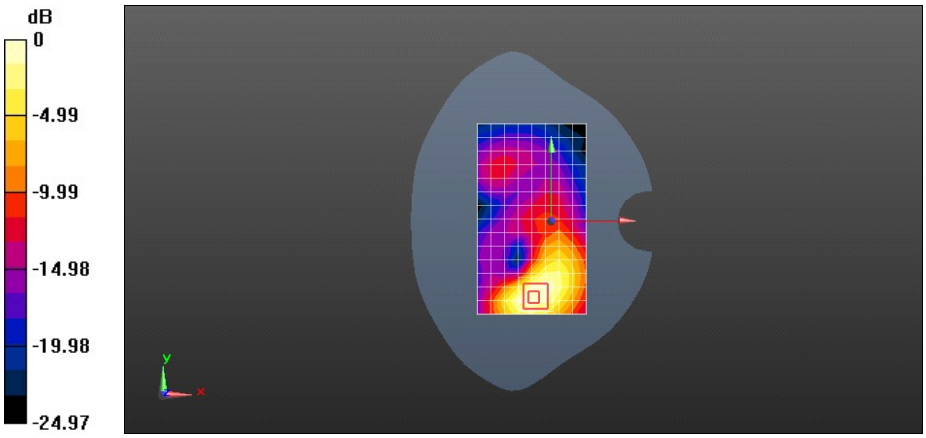
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.14 S/m; ε_r = 51.062; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.1, 4.1, 4.1); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.35 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.058 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.560 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.35 W/kg = 1.31 dBW/kg

Date: 2014-3-14

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 LTE Band VII 20M QPSK 1RB#0 21350CH Back side 10mm

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

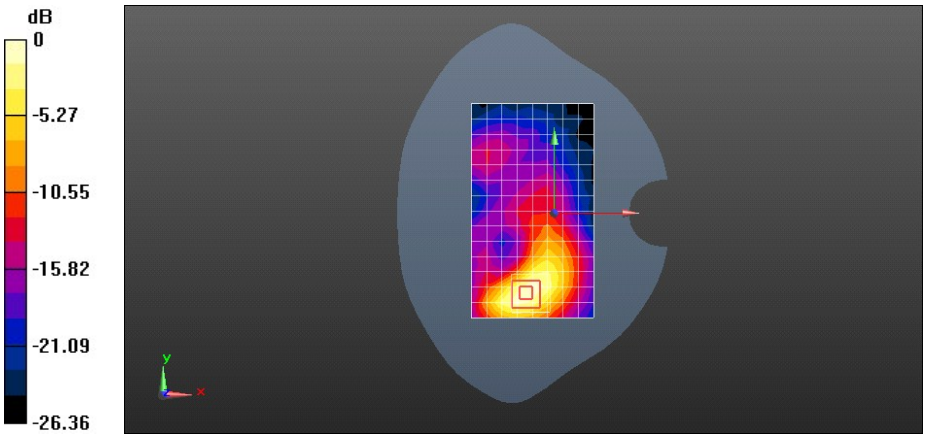
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.14 S/m; ε_r = 51.062; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.1, 4.1, 4.1); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.796 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.427 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 0.872 W/kg



0 dB = 0.796 W/kg = -0.99 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 WiFi 802.11b 6CH Right hand touch cheek with battery 2#

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

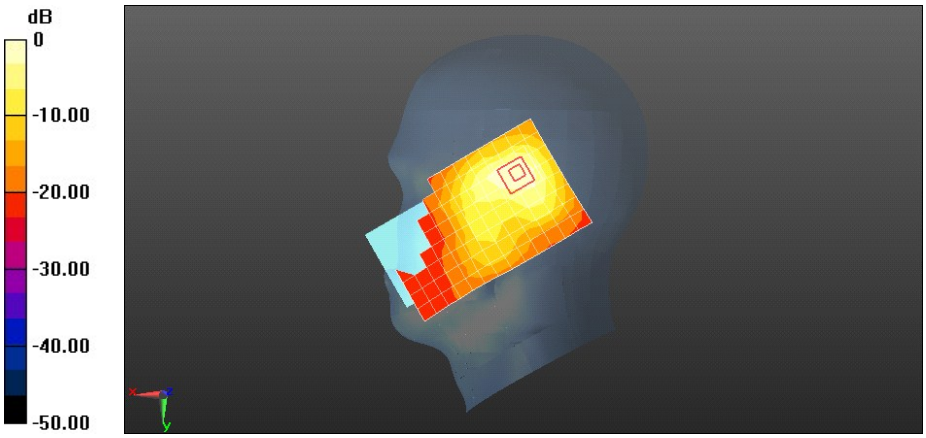
Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.816 S/m; ε_r = 38.898; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.52, 4.52, 4.52); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.414 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.176 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Date: 2014-3-5

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 WiFi 802.11b 6CH Back Side 15mm with battery 2#

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

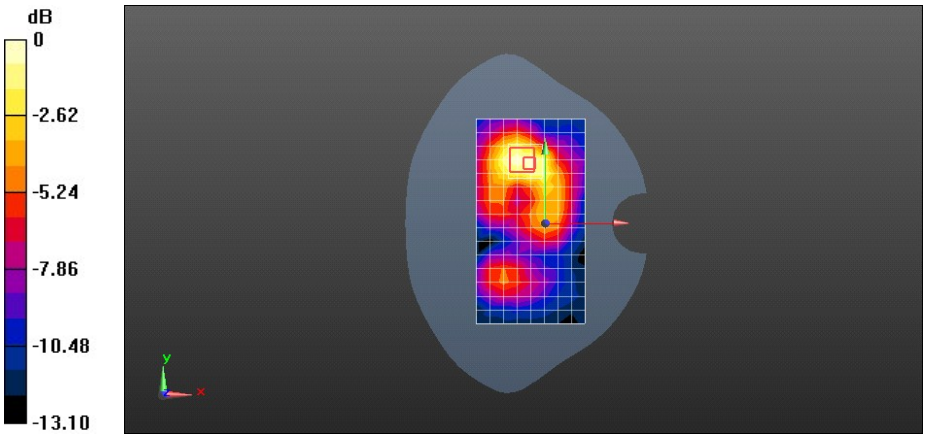
Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; ε_r = 51.71; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0952 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.399 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.045 W/kg
Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.0952 W/kg = -10.21 dBW/kg

Date: 2014-3-5

Test Laboratory: HUAWEI SAR/HAC Lab

G6-L22 WiFi 802.11b 6CH Back Side 10mm with battery 2#

DUT: G6-L22; Type: LTE/UMTS Smart Phone; HUAWEI Ascend G6; Serial: SAR1

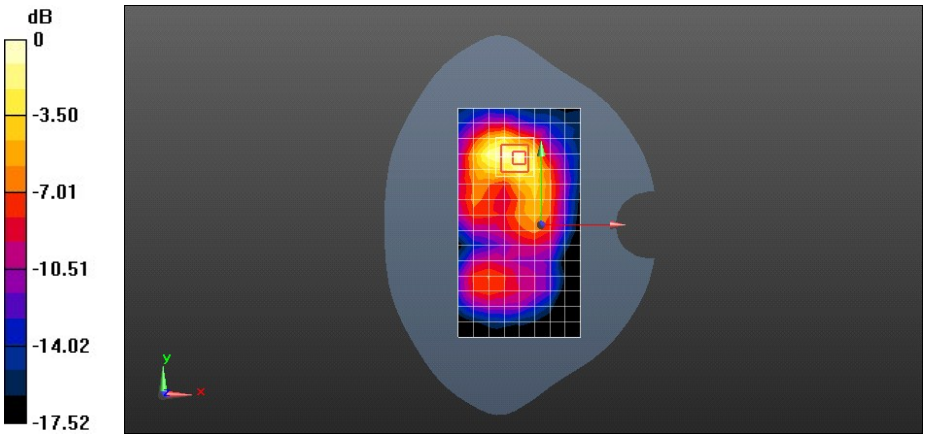
Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; ε_r = 51.71; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.220 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.725 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg