Appendix B. SAR Measurement Plots

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GSM 850 MHz head
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Test Laboratory: Huawei SAR Lab

U5200 GMS850 190CH Left hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

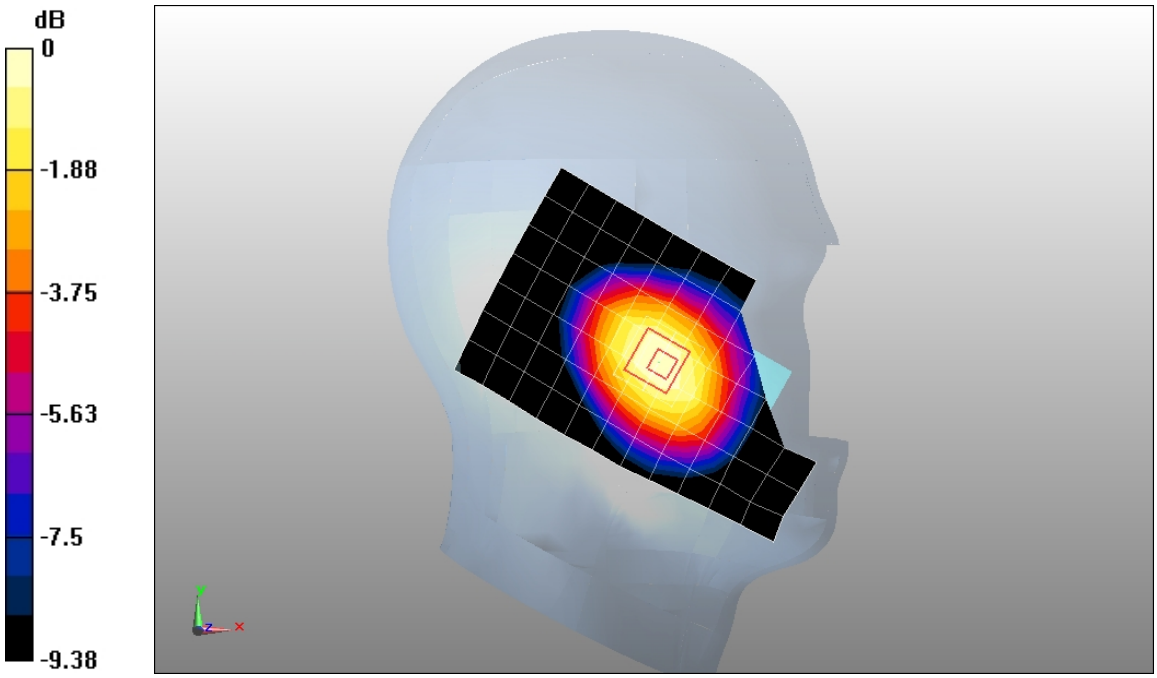
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.902 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.11 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.793 mW/g
Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS850 190CH Left hand tilt 15 degree

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

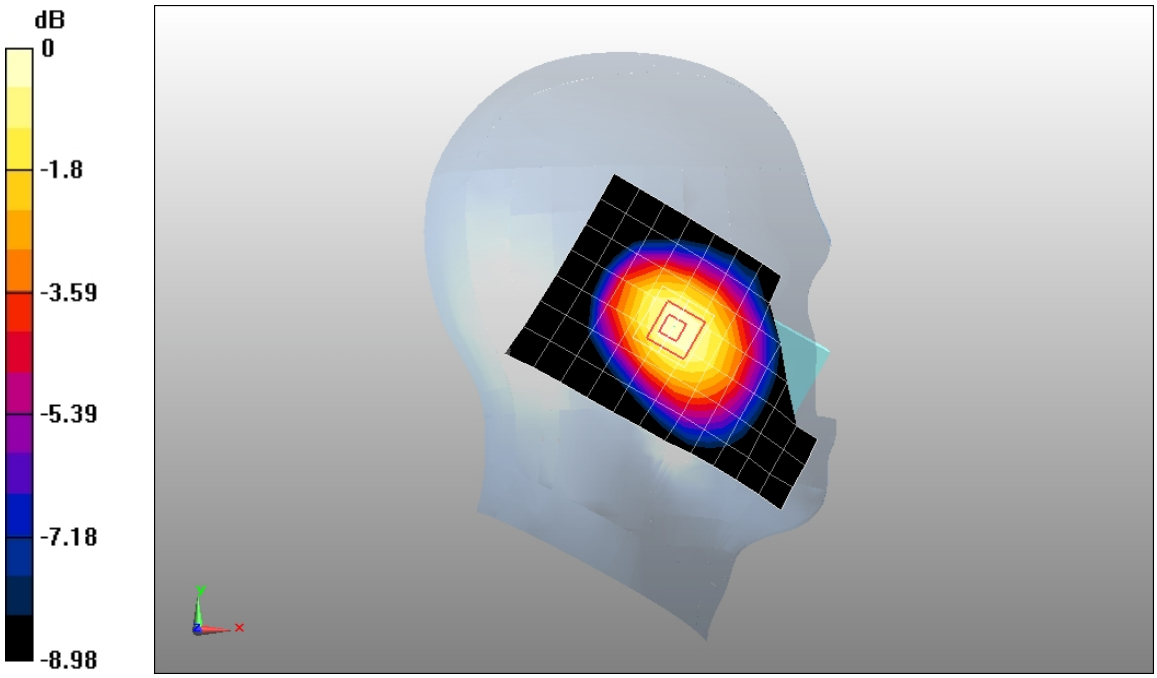
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.902 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.619 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.811 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.661 mW/g



0 dB = 0.661mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS850 190CH Right hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

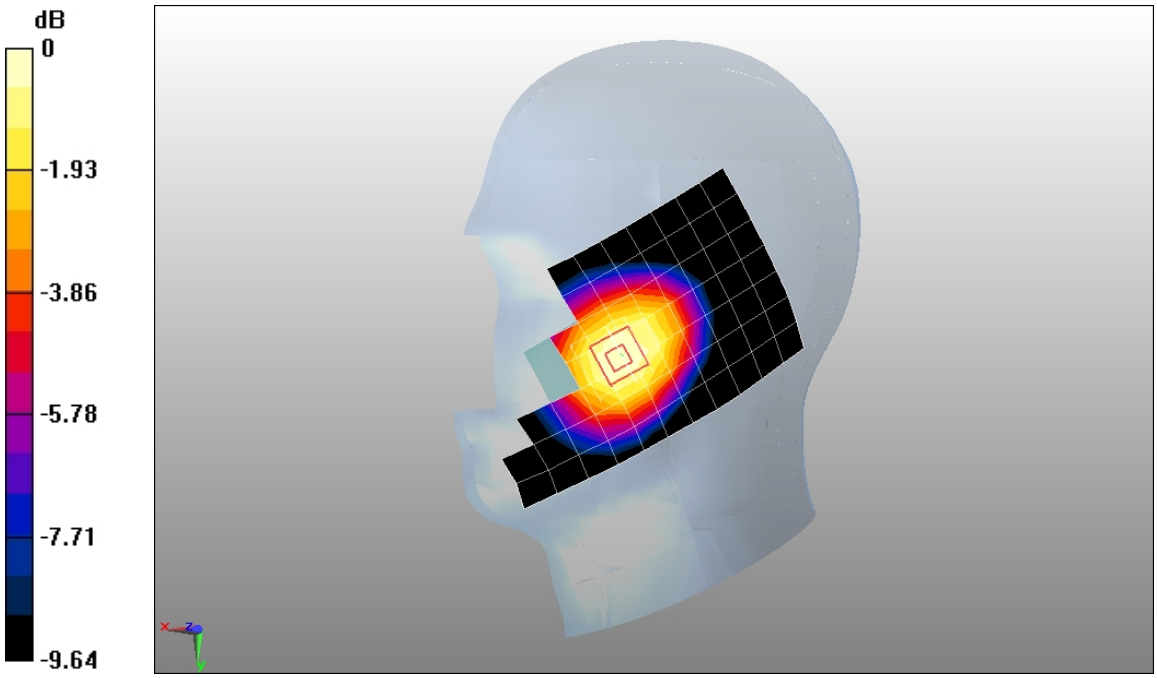
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.908 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.35 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.816 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS850 190CH Right hand tilt 15 degree

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

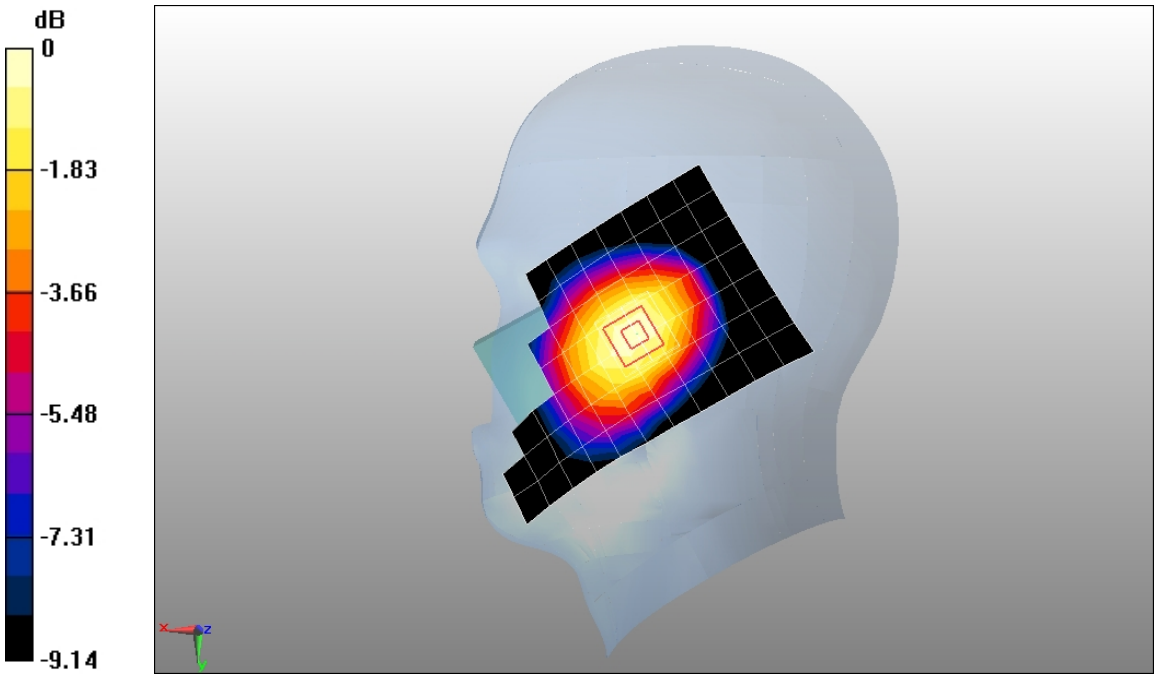
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.902 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.645 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.7 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.656 mW/g



0 dB = 0.656mW/g

Date/Time: 2011-8-1 15:51:30, Date/Time: 2011-8-1 15:59:58

Test Laboratory: Huawei SAR Lab

U5200 GMS850 251CH Left hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

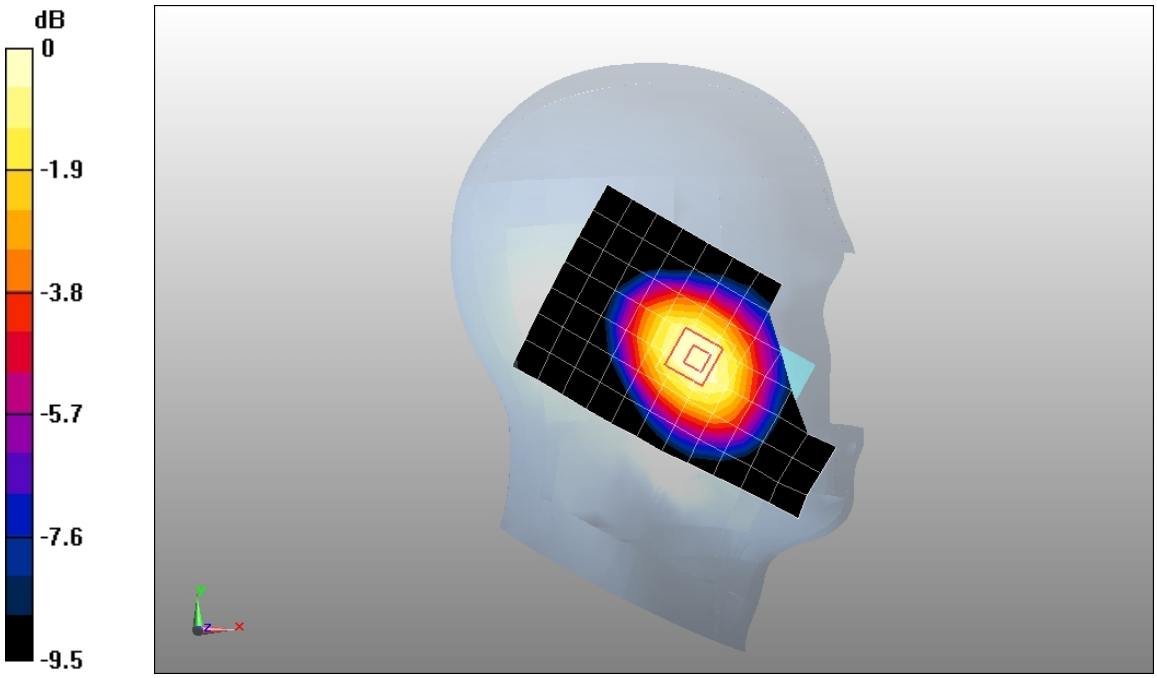
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.925 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.792 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g

Date/Time: 2011-8-1 16:15:30, Date/Time: 2011-8-1 16:23:59

Test Laboratory: Huawei SAR Lab

U5200 GMS850 128CH Left hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.9 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

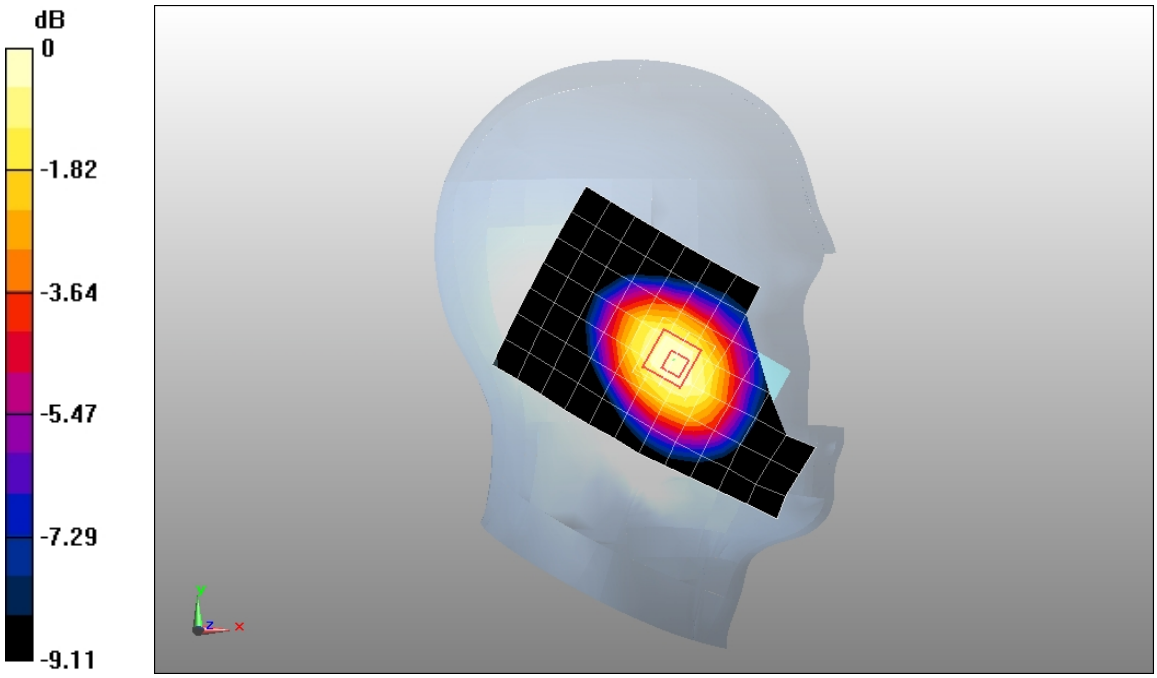
Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.967 mW/g

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

Reference Value = 12.1 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.686 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.982 mW/g



0 dB = 0.982mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS850 251CH Right hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

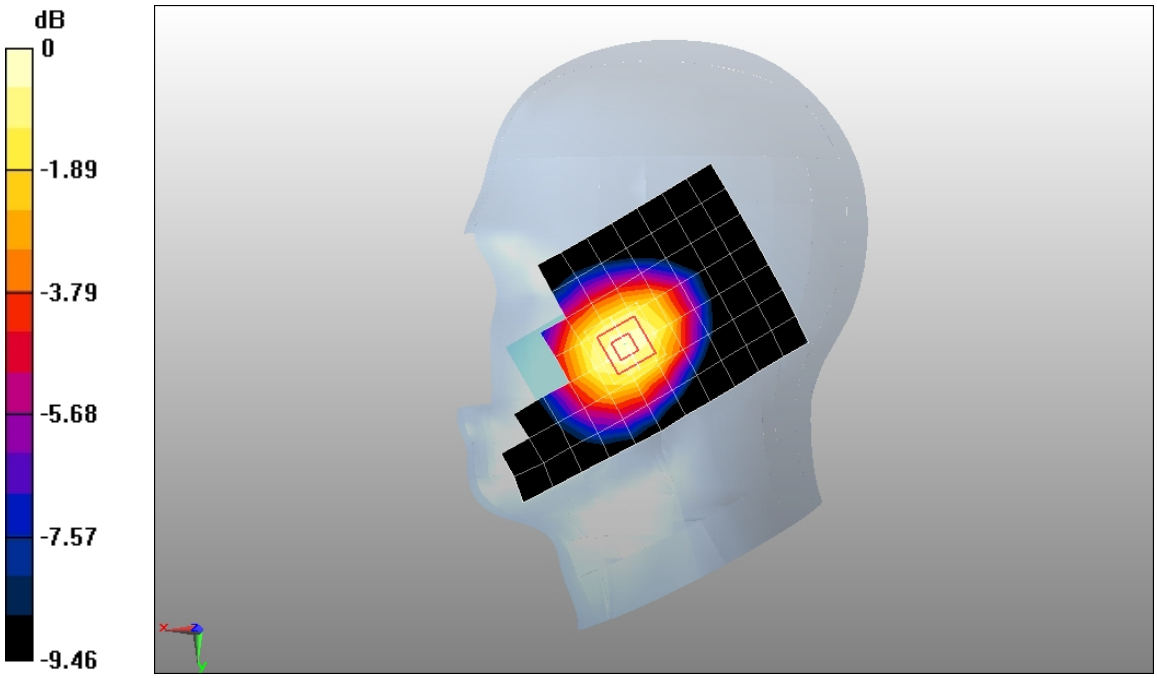
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.925 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

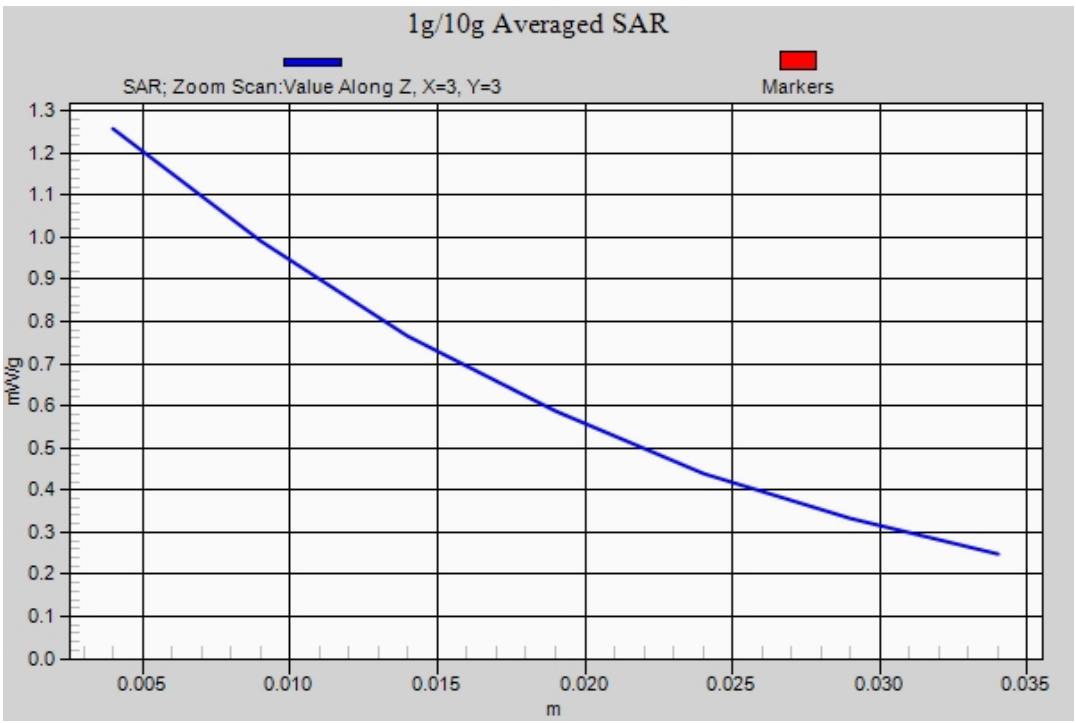
- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.25 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 1.5 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.871 mW/g
Maximum value of SAR (measured) = 1.26 mW/g


dB
0
-1.89
-3.79
-5.68
-7.57
-9.46

0 dB = 1.26mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Test Laboratory: Huawei SAR Lab

U5200 GMS850 128CH Right hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.9 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

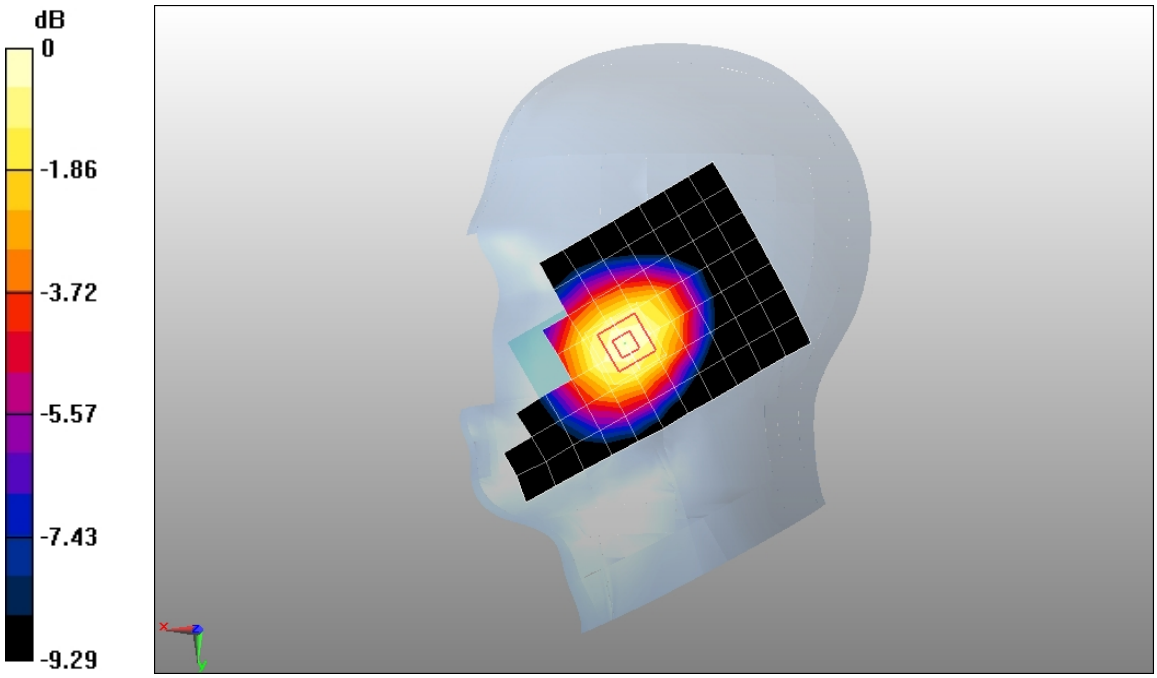
Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 mW/g

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

Reference Value = 11.3 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.698 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.997 mW/g



0 dB = 0.997mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 1TS 190CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

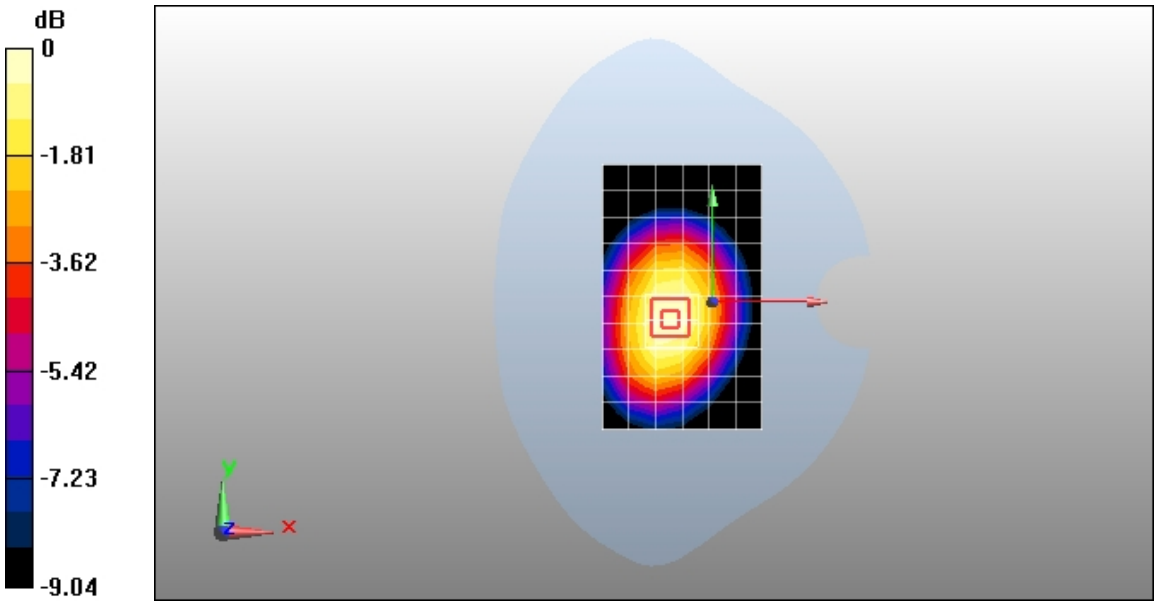
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.964 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.900 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.651 mW/g
Maximum value of SAR (measured) = 0.948 mW/g



0 dB = 0.948mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 2TS 190CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

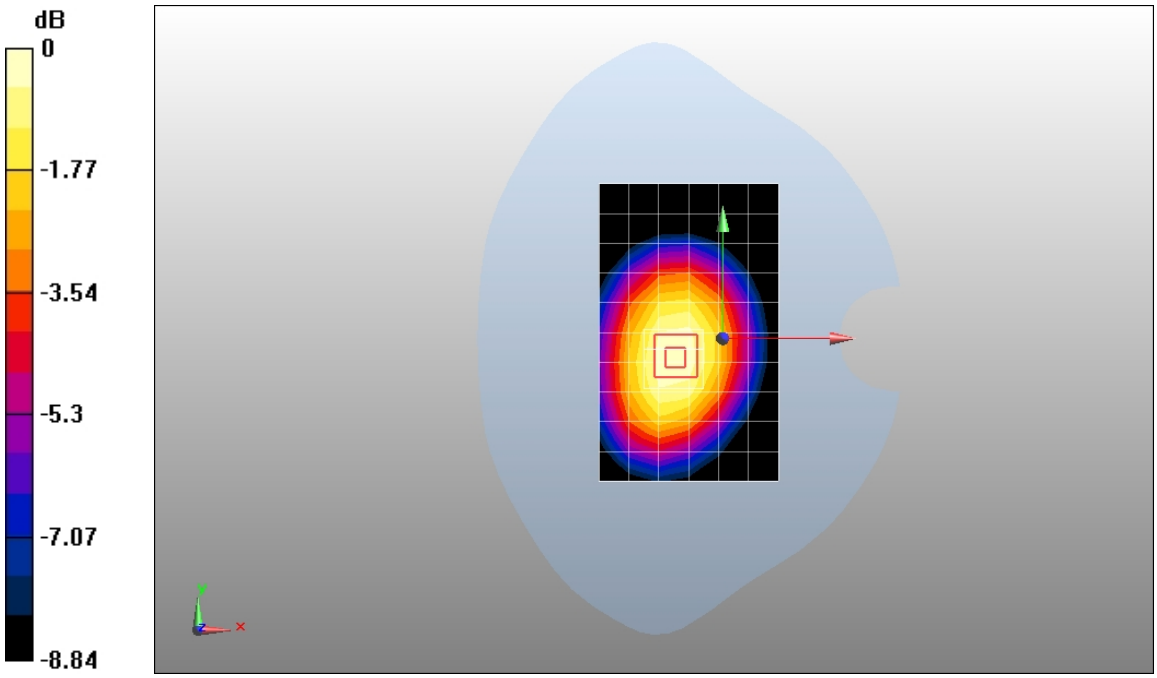
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.964 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.887 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.2 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 0.928 mW/g



0 dB = 0.928mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 1TS 190CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

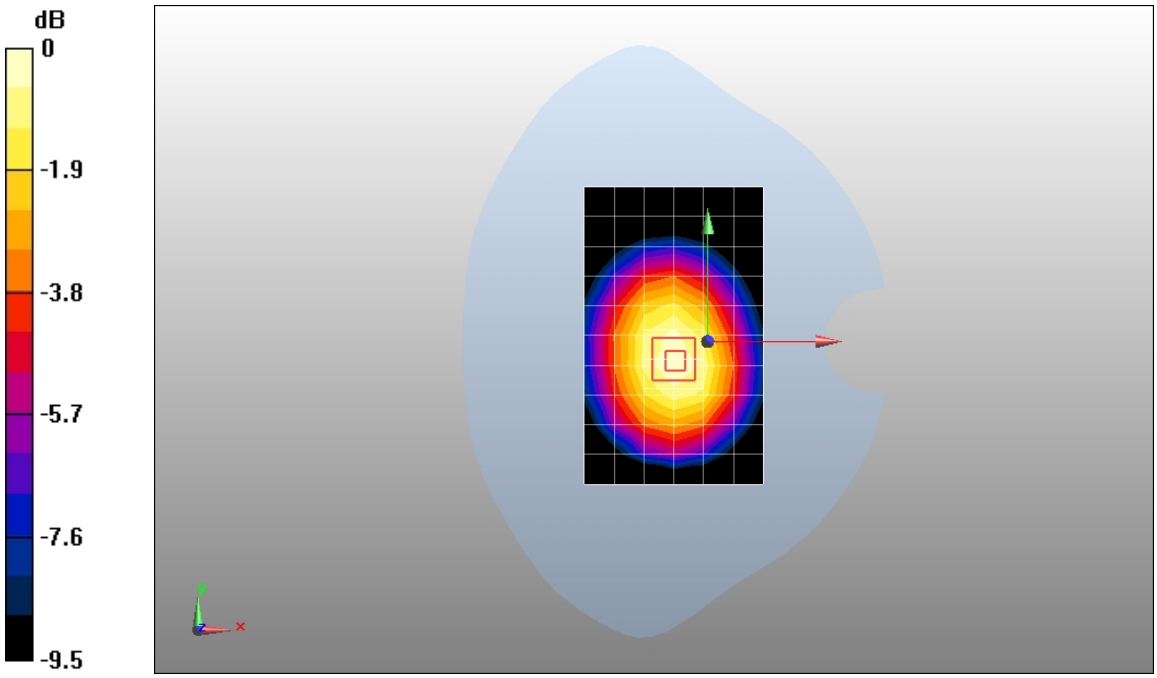
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.964 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.18 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.792 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 1TS 251CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

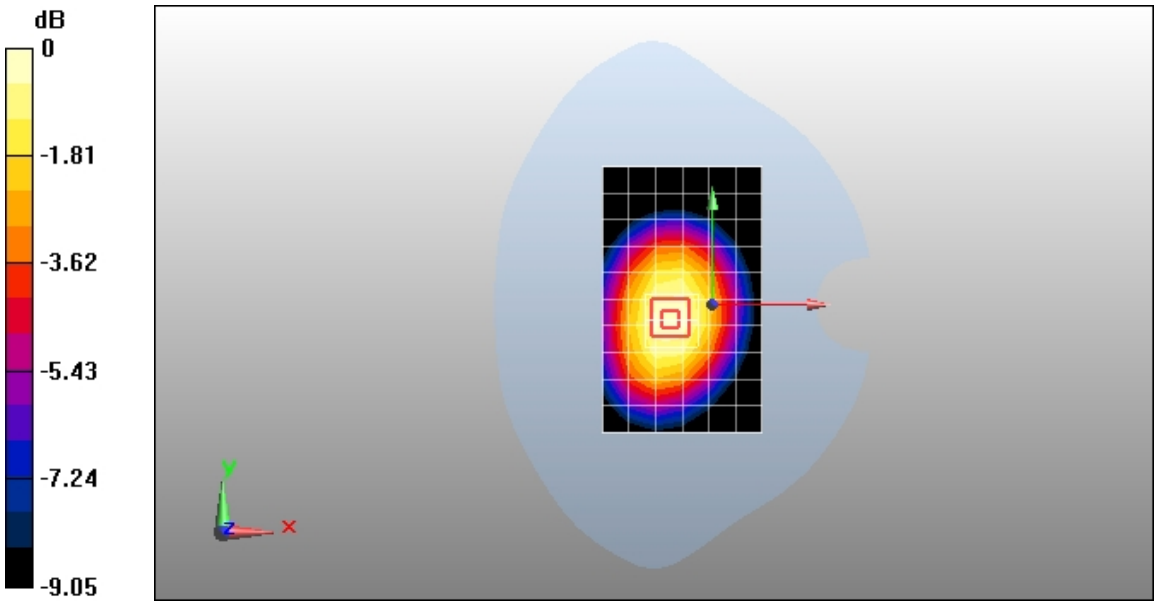
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.836 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.7 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 1.1 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 0.883 mW/g



0 dB = 0.883mW/g

Date/Time: 2011-7-30 17:51:58, Date/Time: 2011-7-30 17:59:34

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 1TS 128CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.951 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

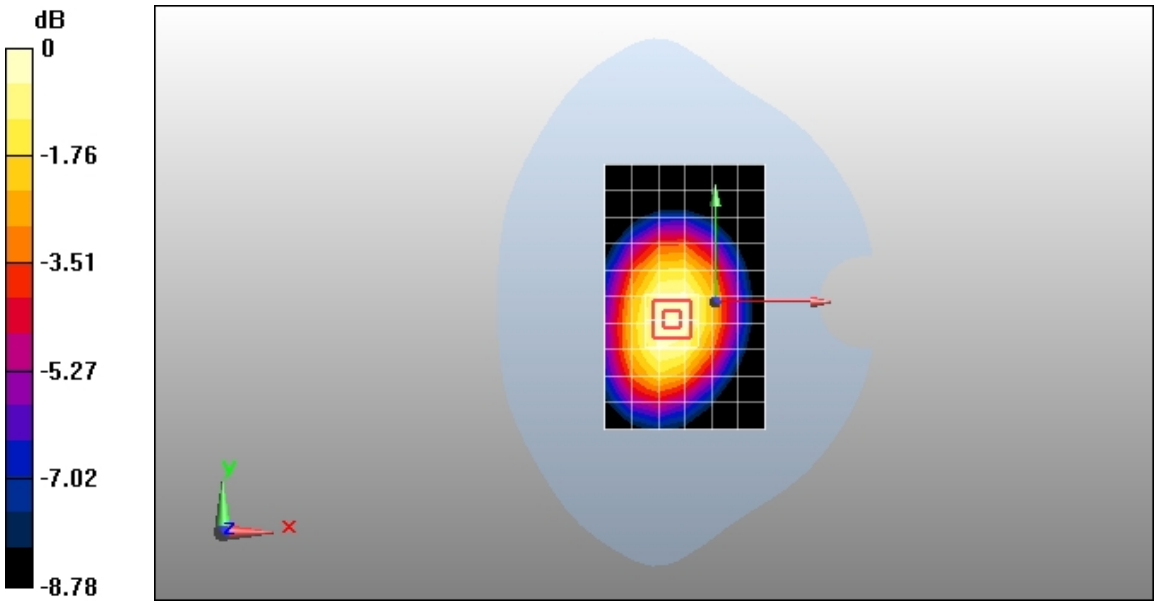
- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.890 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.2 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.632 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.916mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 2TS 251CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

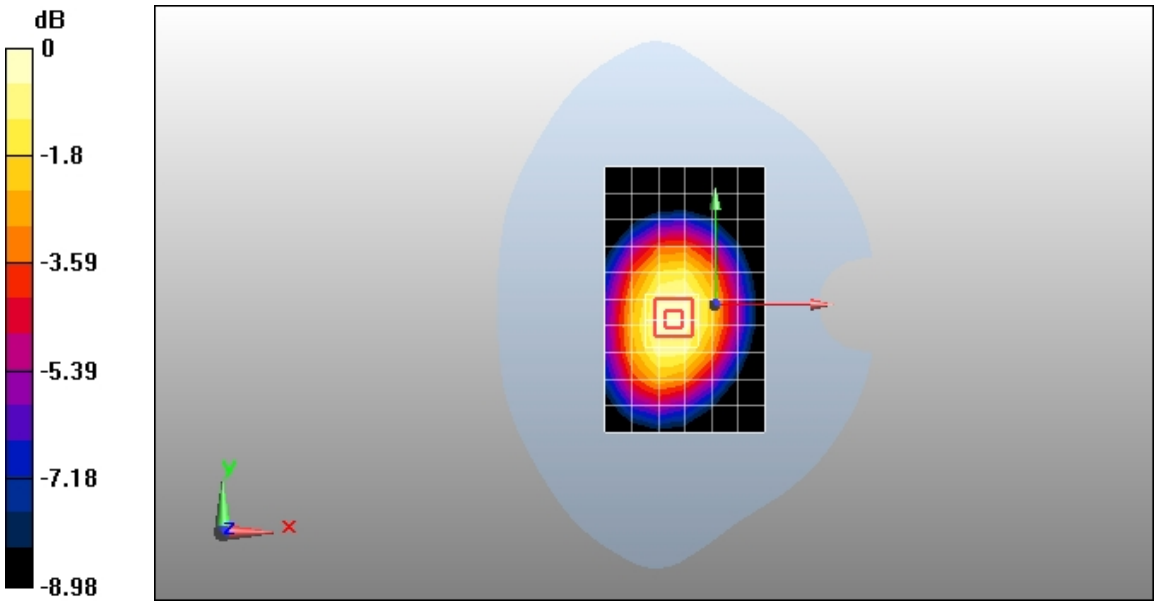
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.930 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.5 V/m; Power Drift = 0.080 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.683 mW/g
Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.994mW/g

Date/Time: 2011-7-30 18:21:39, Date/Time: 2011-7-30 18:29:15

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 2TS 128CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.951 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

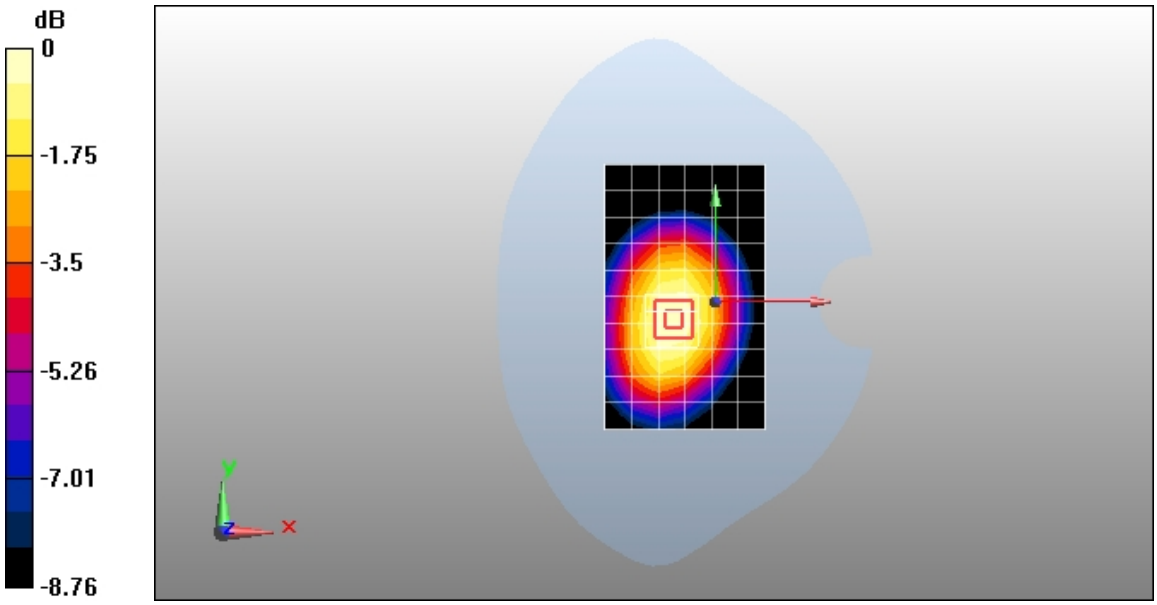
Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.720 mW/g

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

Reference Value = 27.4 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.918 W/kg
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.511 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.737 mW/g



0 dB = 0.737mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 1TS 251CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

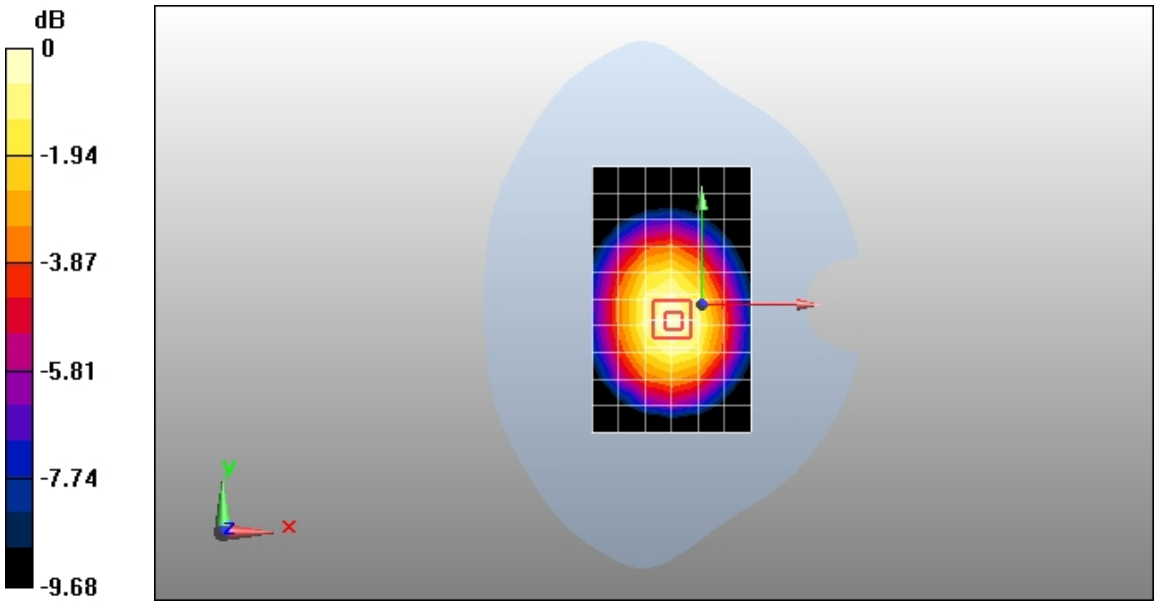
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.01 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.2 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.678 mW/g
Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.994mW/g

Date/Time: 2011-7-30 9:49:05, Date/Time: 2011-7-30 9:56:41

Test Laboratory: Huawei SAR Lab

U5200 GSM850 GPRS 1TS 128CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.959 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

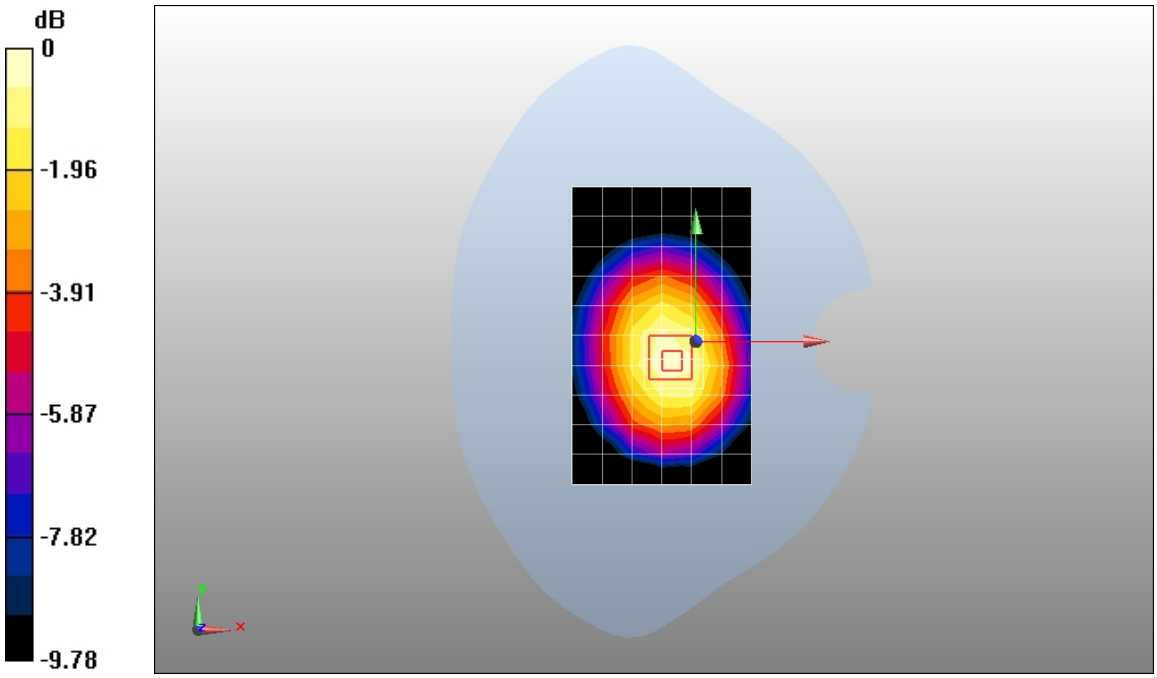
- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.7 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.823 mW/g

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



0 dB = 1.22mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 EGPRS 1TS 190CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

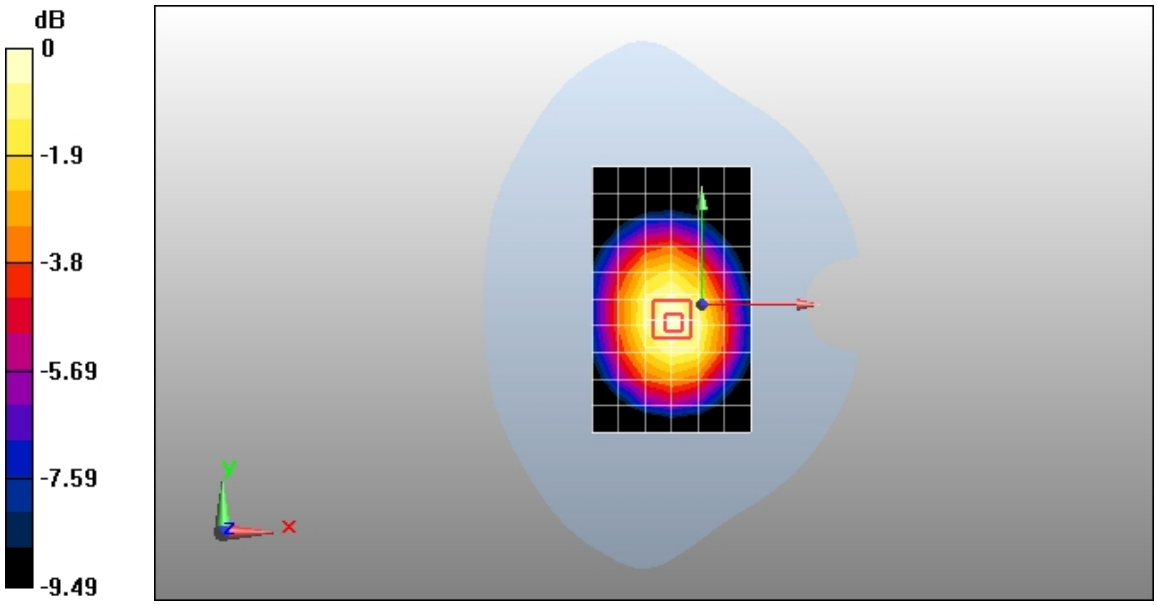
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.964 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.08 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.8 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.723 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 EGPRS 2TS 190CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

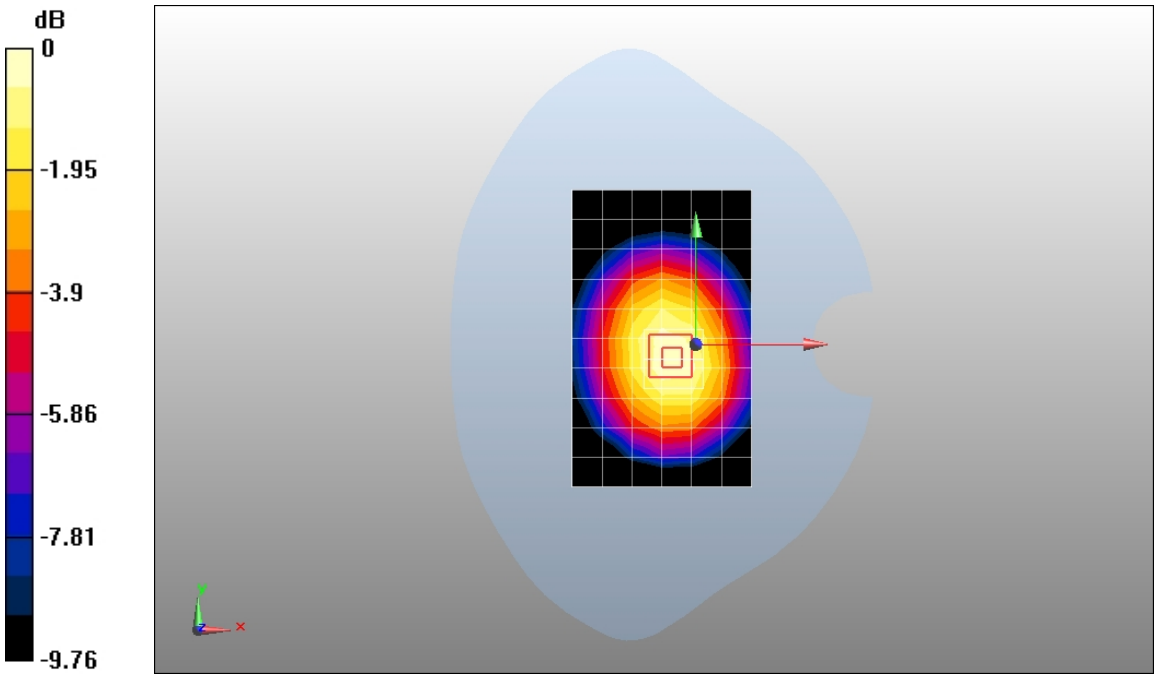
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.964 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.2 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.788 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 EGPRS 1TS 251CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

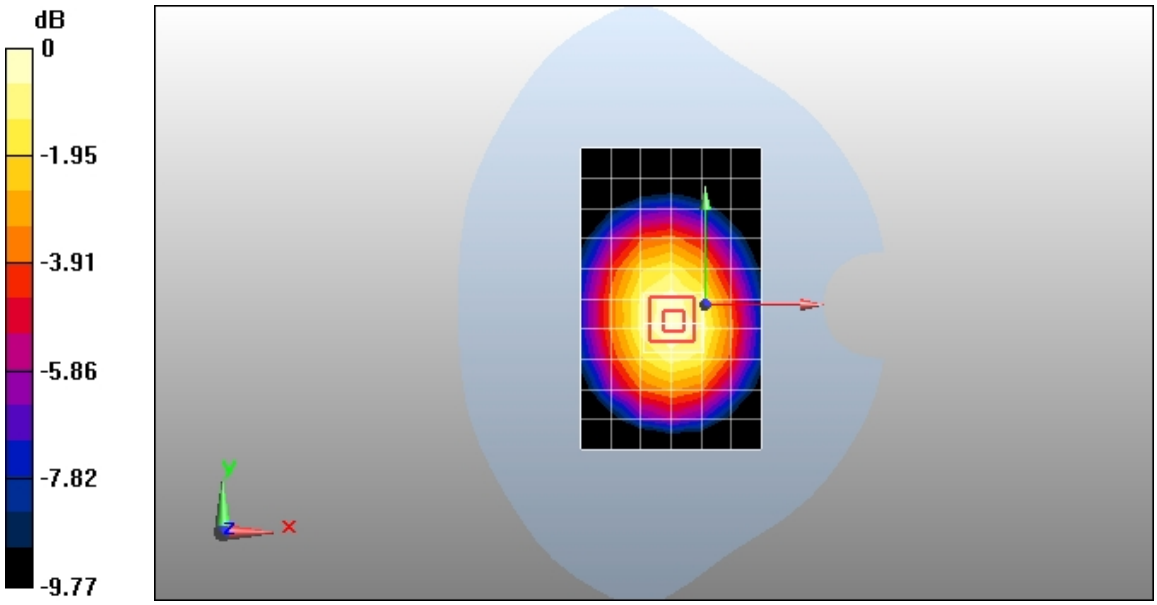
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.03 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.6 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.694 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 EGPRS 1TS 128CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.951 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

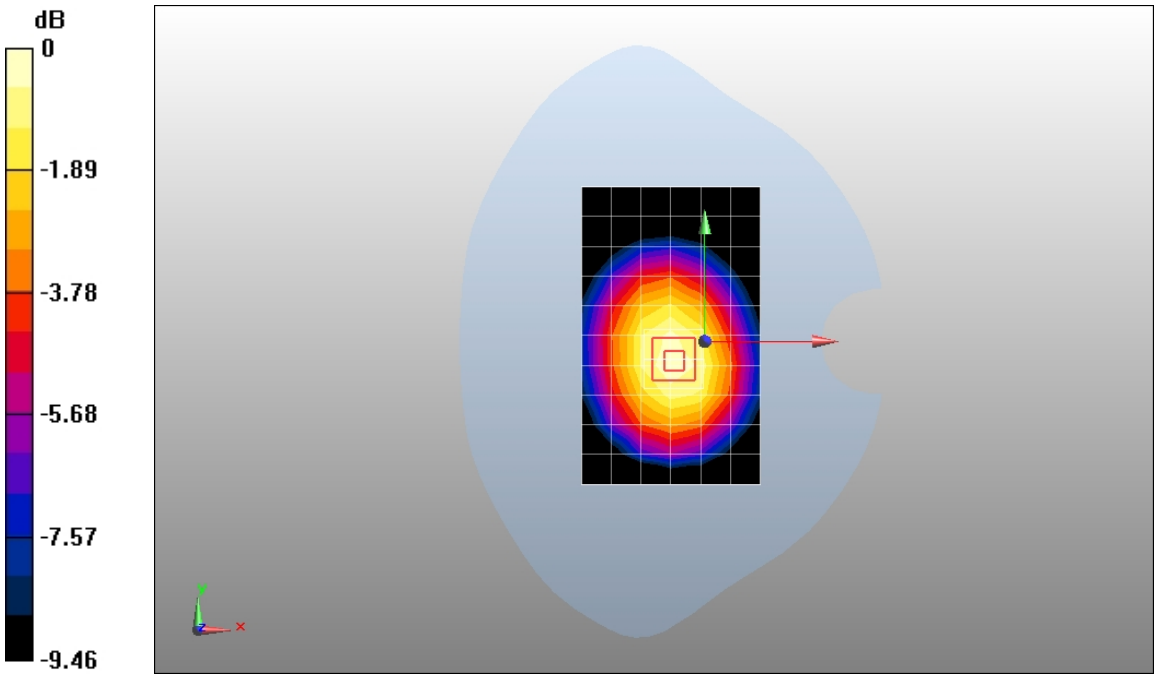
- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

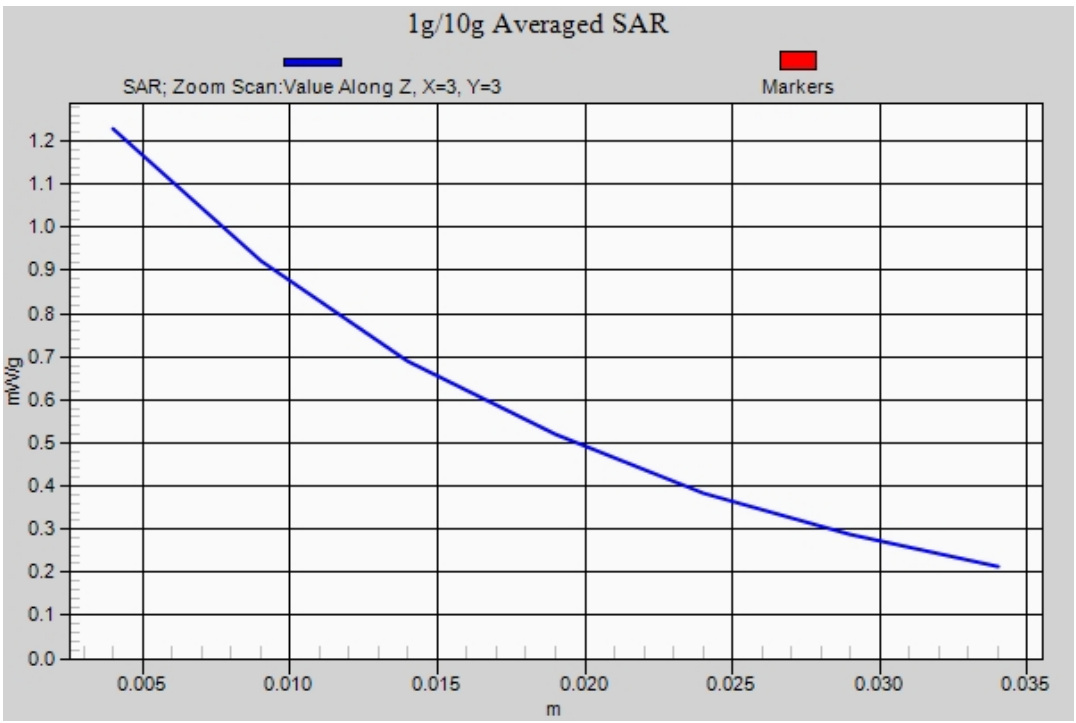
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.23 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.834 mW/g

Info: Interpolated medium parameters used for SAR evaluation.


dB
0
-1.89
-3.78
-5.68
-7.57
-9.46

0 dB = 1.23mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Test Laboratory: Huawei SAR Lab

U5200 GSM850 EGPRS 2TS 251CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

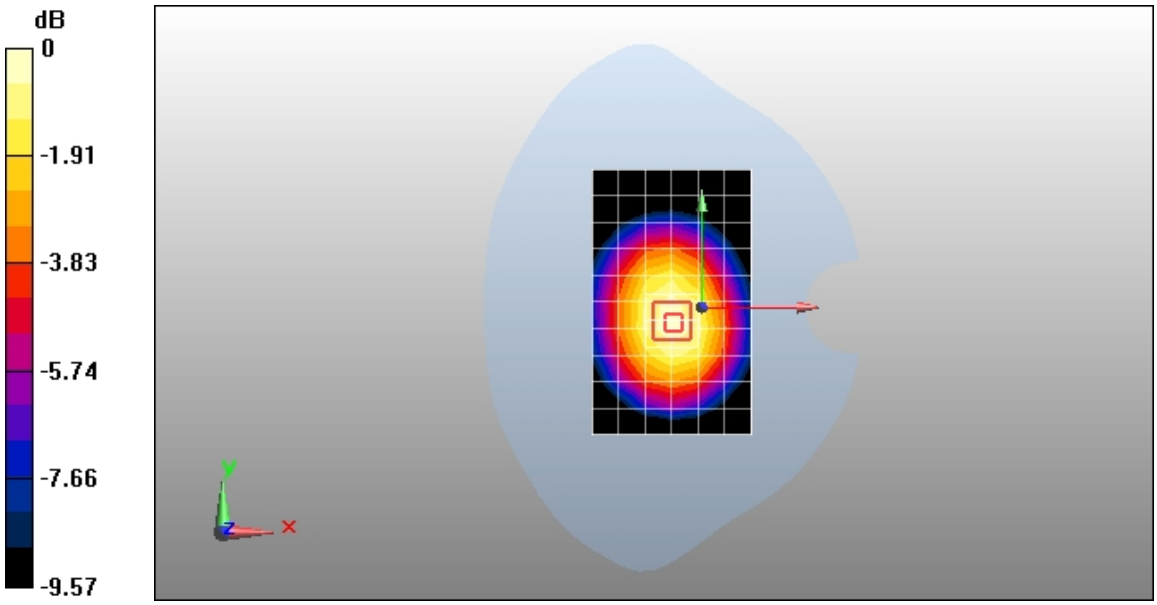
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.11 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.8 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.761 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 EGPRS 2TS 128CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.951 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

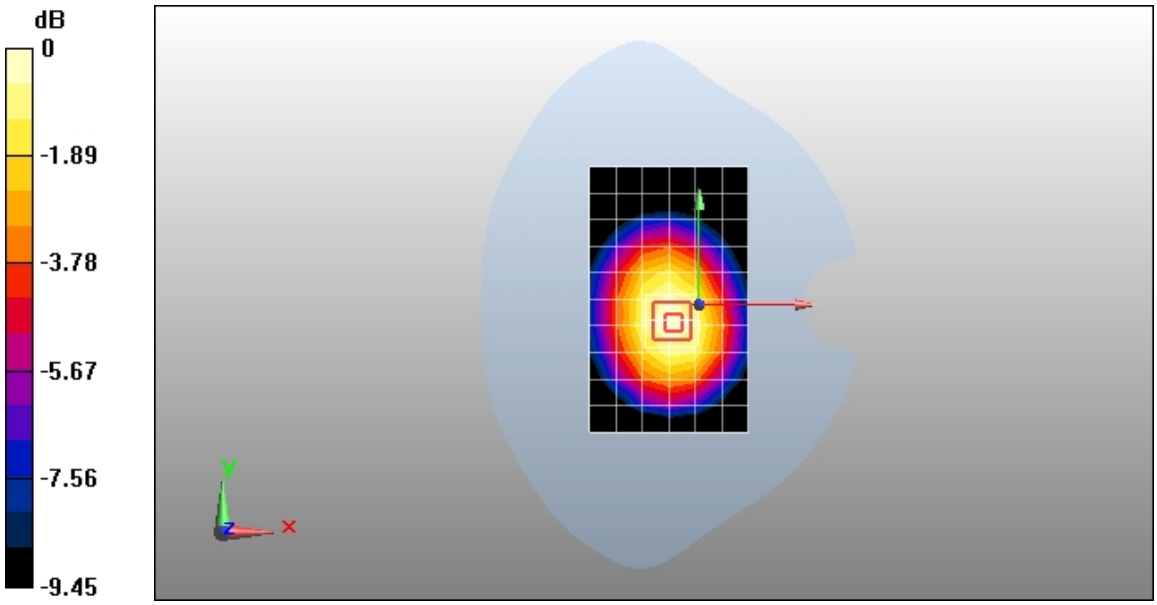
Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 mW/g

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

Reference Value = 35 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.802 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 190CH Towards ground 15mm with Headset

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

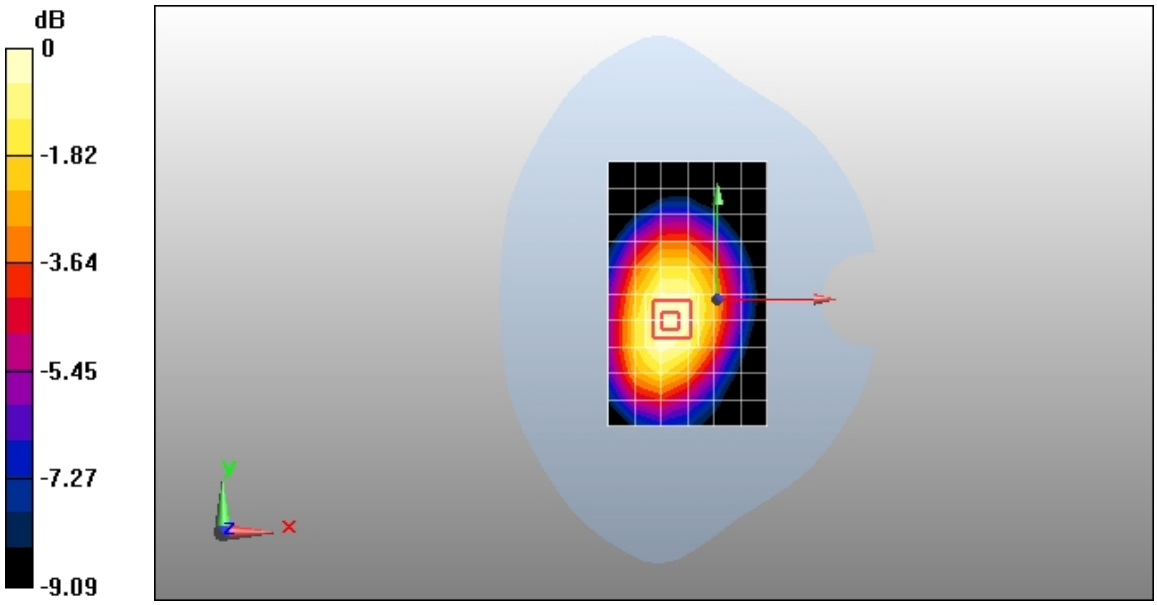
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.964 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.531 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.6 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.538 mW/g



0 dB = 0.538mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM850 EGPRS 2TS 190CH Towards phantom 15mm with DOS shell

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

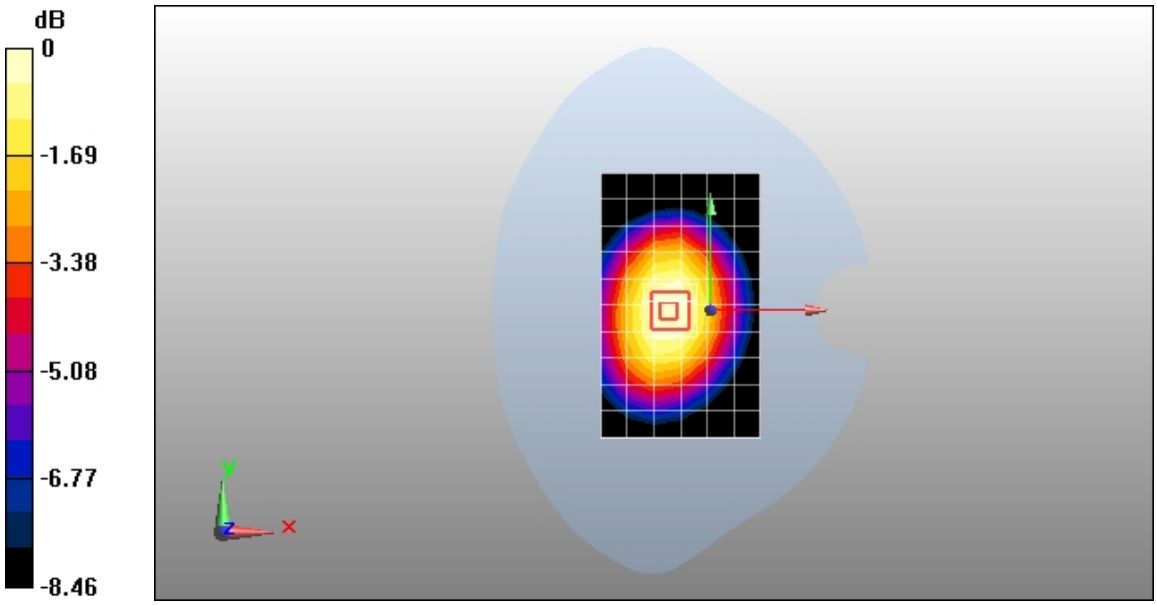
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.964 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.926 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.4 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.647 mW/g
Maximum value of SAR (measured) = 0.927 mW/g



0 dB = 0.927mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS1900 661CH Left hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

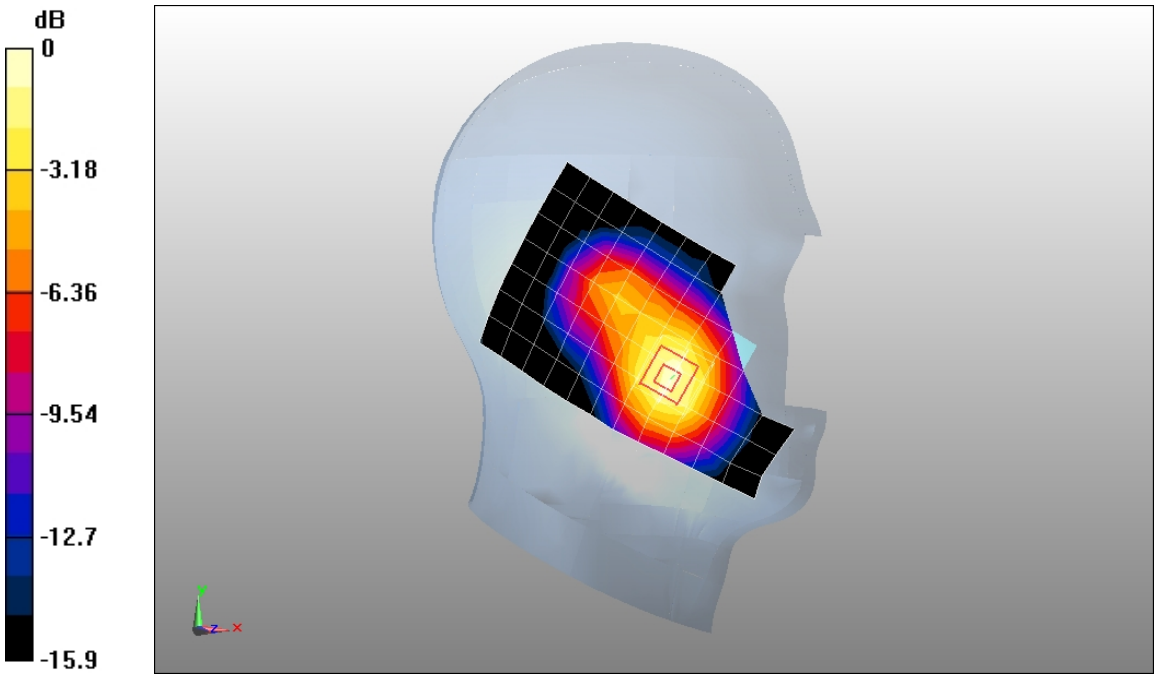
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.36 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.9, 7.9, 7.9); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.401 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.83 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.628 W/kg
SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.433 mW/g



0 dB = 0.433mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS1900 661CH Left hand tilt 15 degree

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

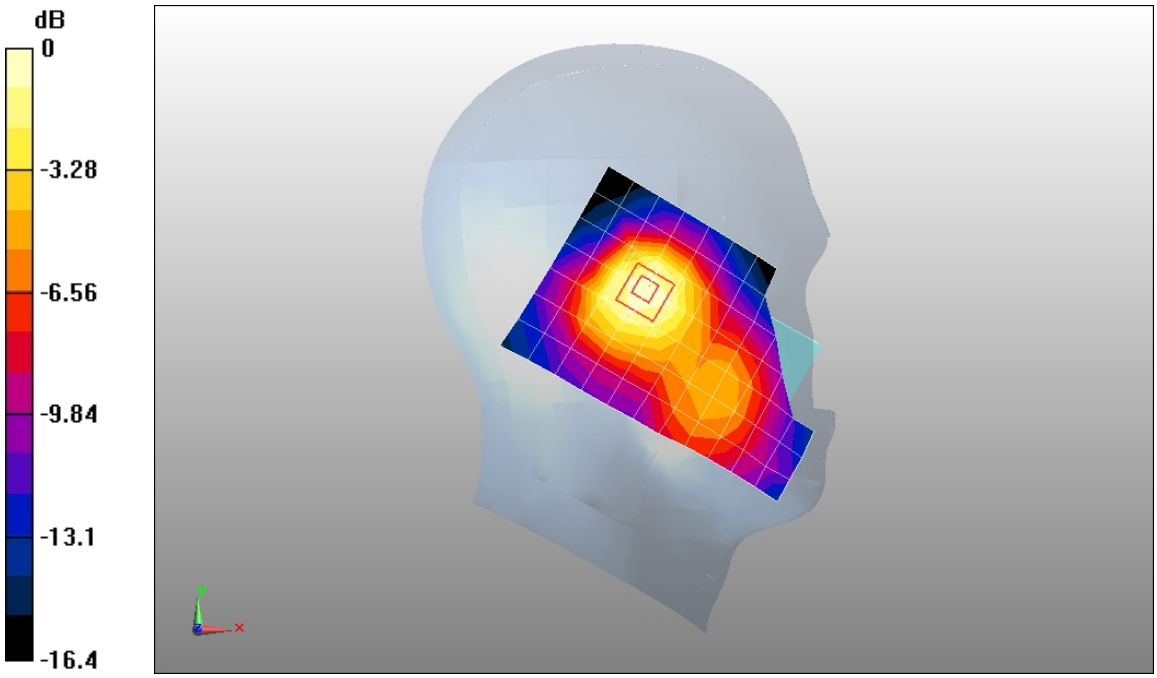
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.36 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.9, 7.9, 7.9); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.160 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.71 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.156mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS1900 661CH Right hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

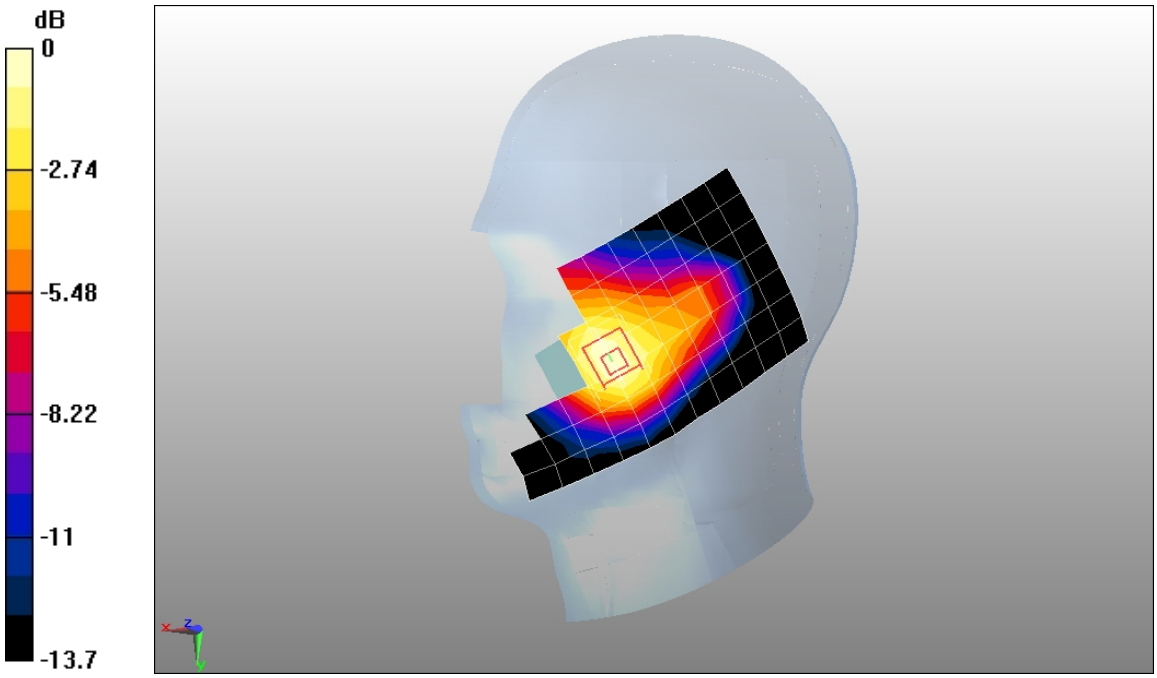
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.36 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.9, 7.9, 7.9); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.280 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.19 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS1900 661CH Right hand tilt 15 degree

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

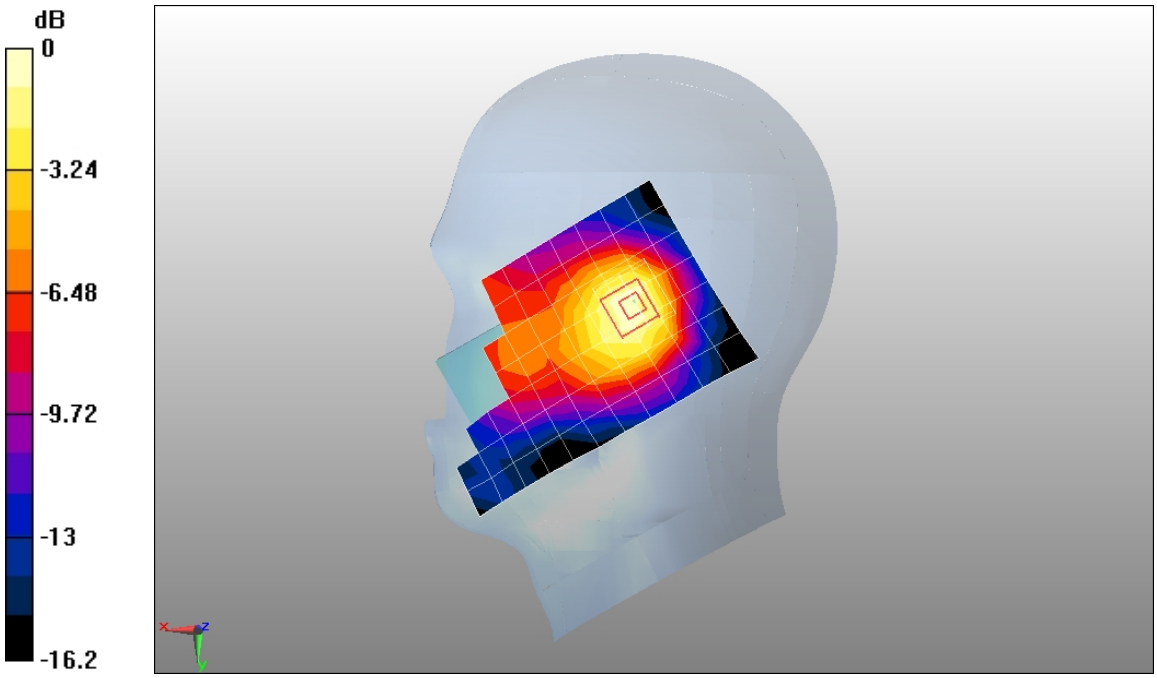
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.36 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.9, 7.9, 7.9); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.157 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.177 mW/g



0 dB = 0.177mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS1900 810CH Left hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

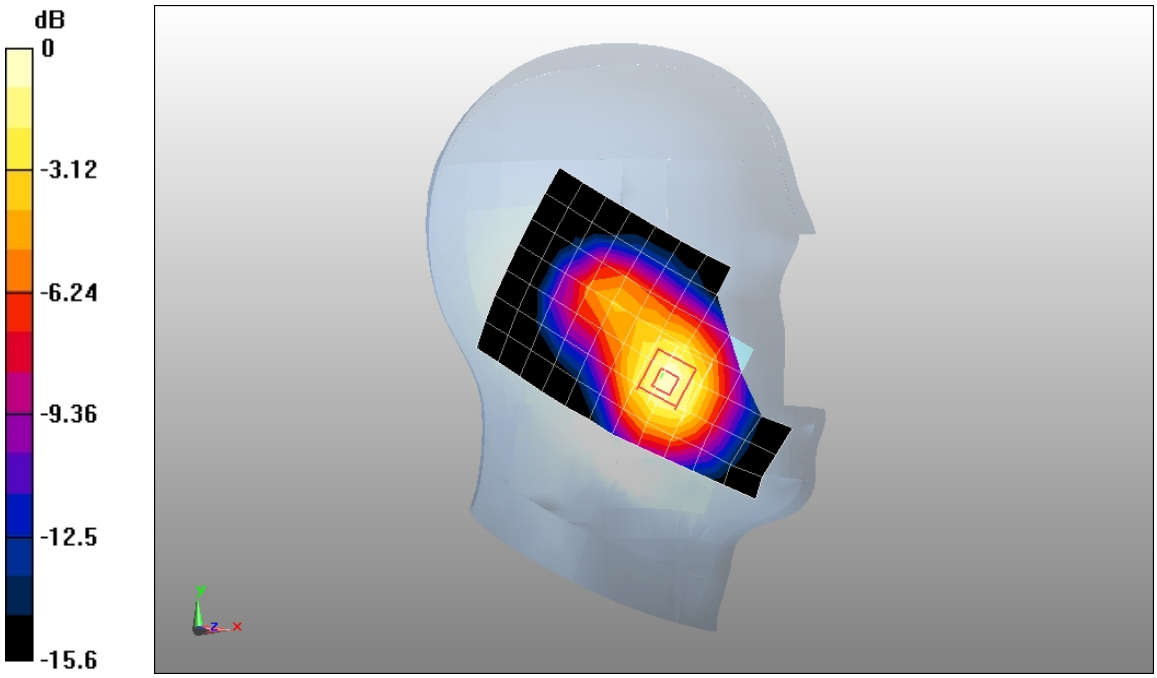
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.37 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.9, 7.9, 7.9); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.327 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.15 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.188 mW/g
Maximum value of SAR (measured) = 0.347 mW/g



0 dB = 0.347mW/g

Test Laboratory: Huawei SAR Lab

U5200 GMS1900 512CH Left hand touch cheek

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.33 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.9, 7.9, 7.9); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

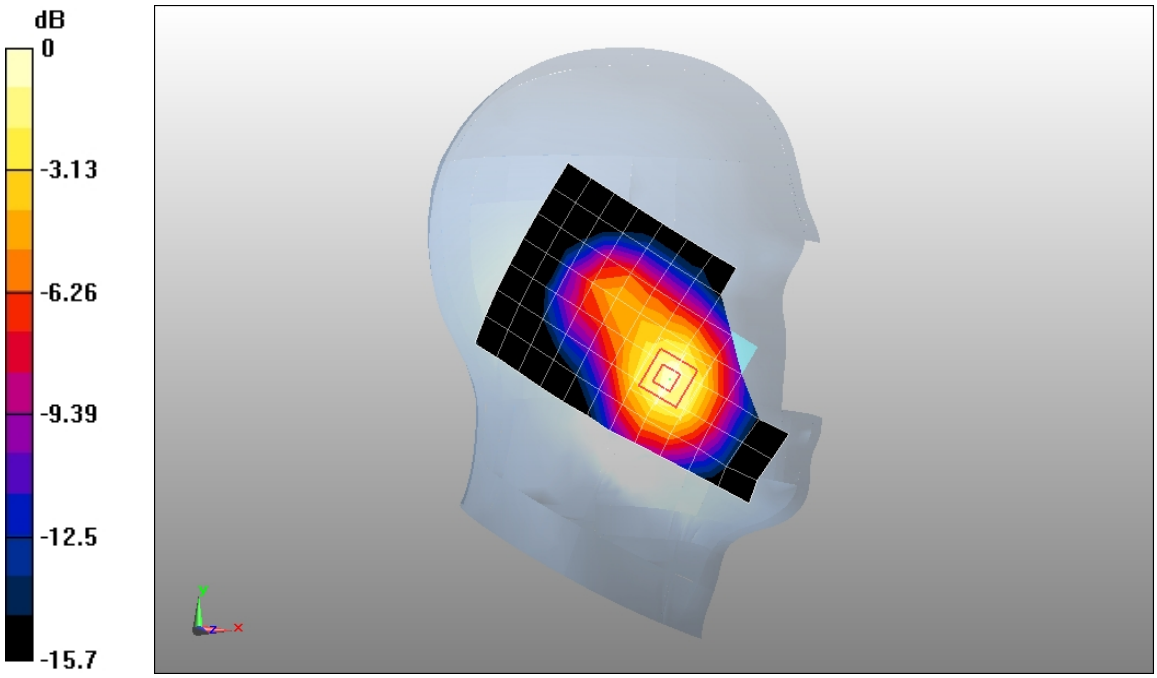
Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.561 mW/g

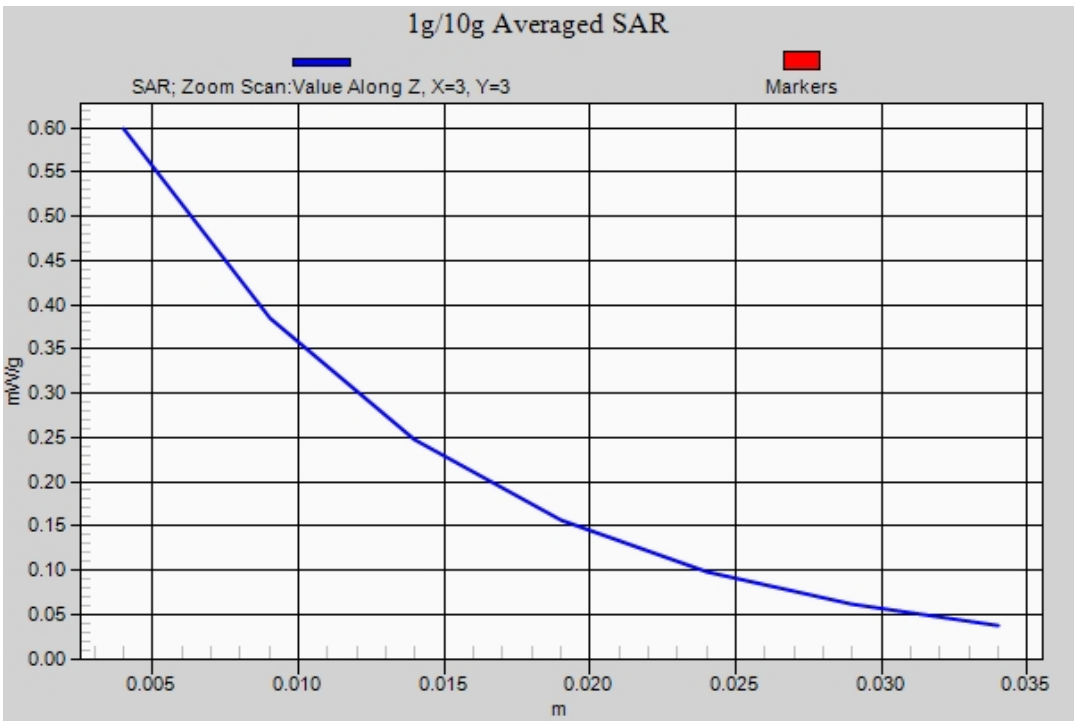
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.15 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.866 W/kg
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.322 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.598 mW/g


dB
0
-3.13
-6.26
-9.39
-12.5
-15.7

0 dB = 0.598mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Test Laboratory: Huawei SAR Lab

U5200 GSM1900 GPRS 1TS 661CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

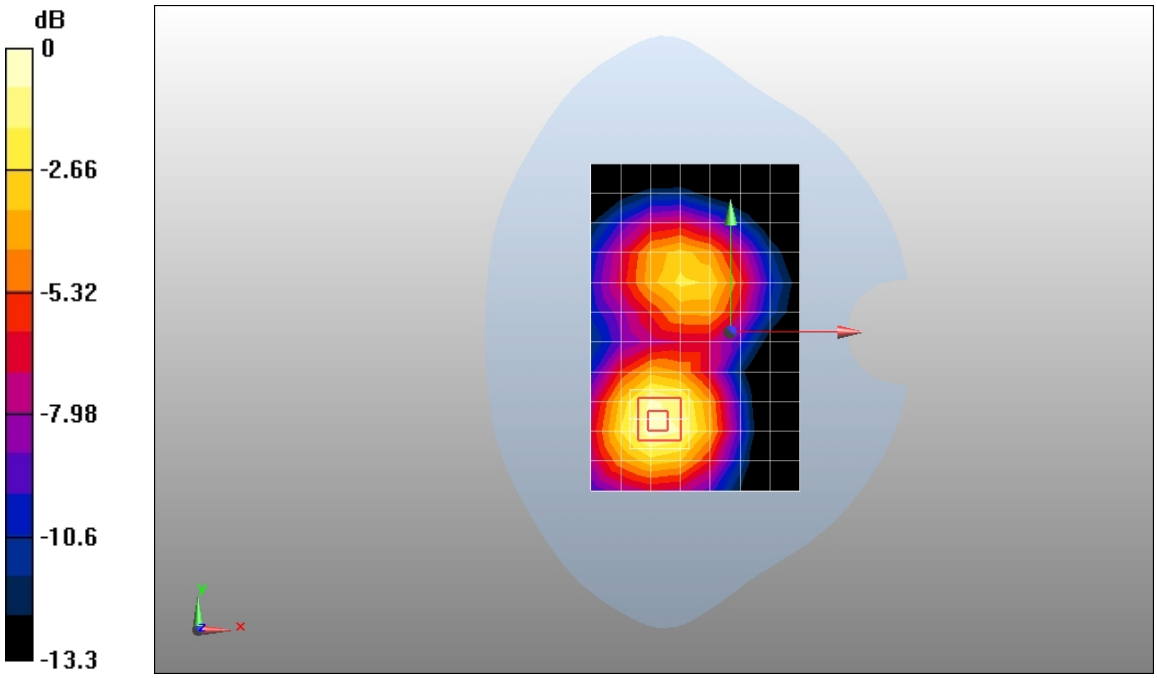
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.175 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.66 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.189mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM1900 GPRS 2TS 661CH Towards phantom 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

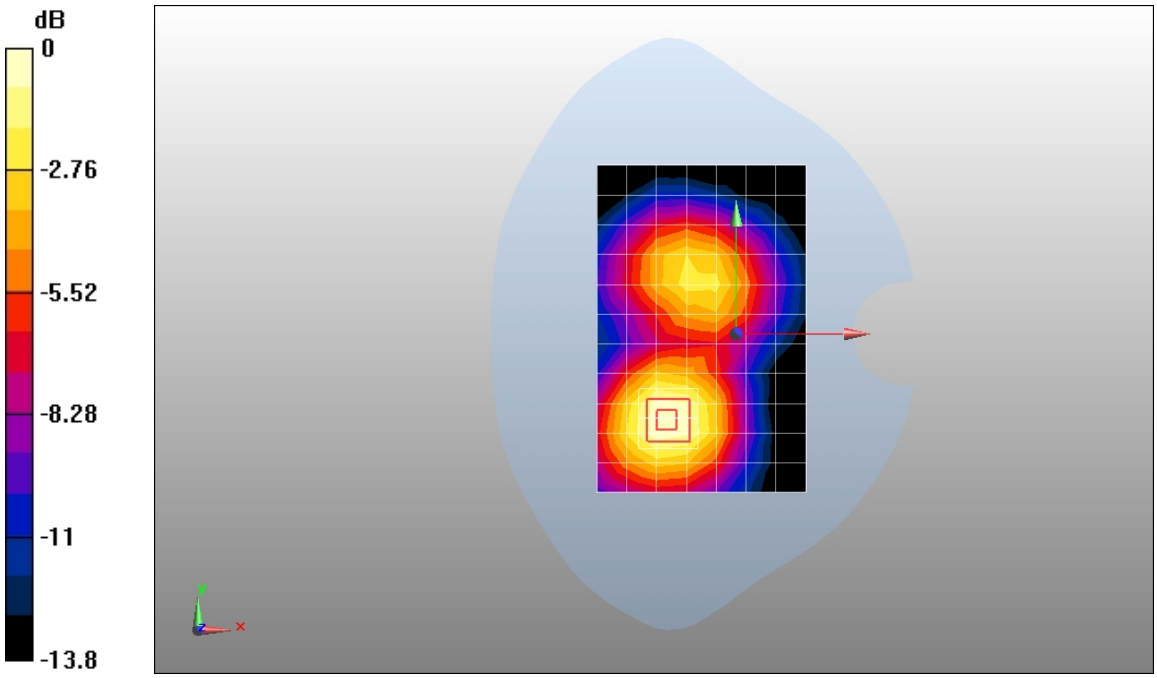
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.224 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.36 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.238mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM1900 GPRS 2TS 661CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

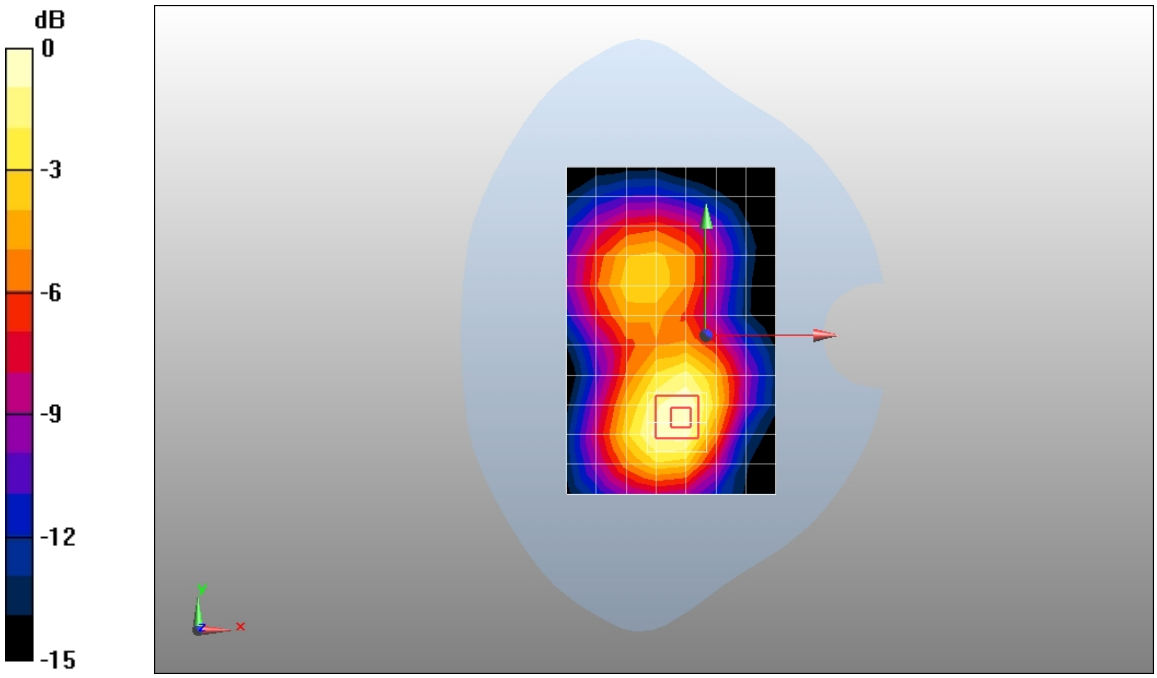
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.540 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.788 W/kg
SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.313 mW/g



0 dB = 0.540mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM1900 GPRS 2TS 810CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

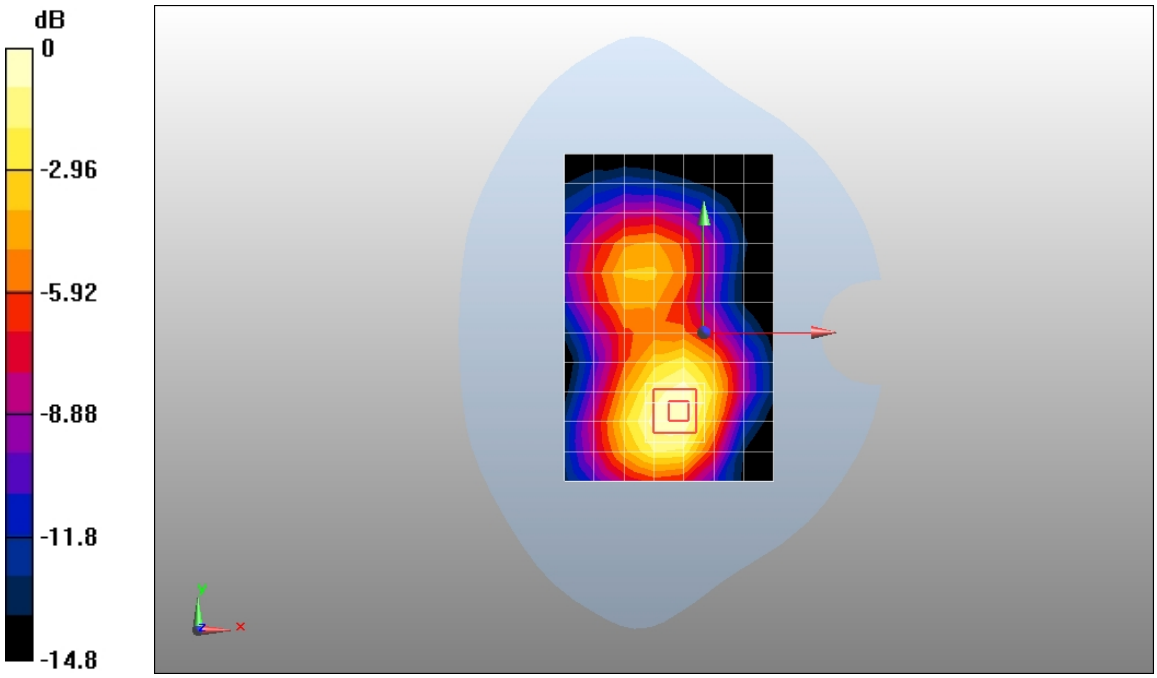
Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.57 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.432 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.99 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.445 mW/g



0 dB = 0.445mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM1900 GPRS 2TS 512CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.51 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

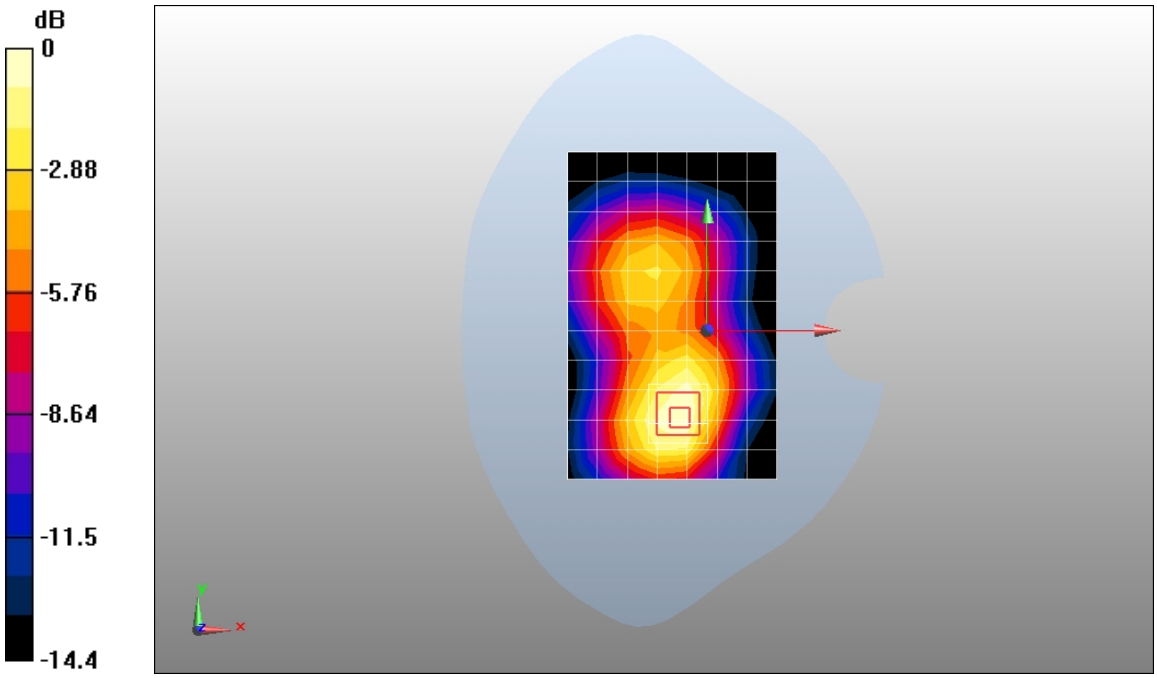
Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.694 mW/g

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

Reference Value = 12.9 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.405 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.704 mW/g



0 dB = 0.704mW/g

Test Laboratory: Huawei SAR Lab

U5200 GSM1900 EGPRS 1TS 661CH Towards ground 15mm

DUT: U5200; Type: Mobile Phone ; Serial: 021BNX7N16000121

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.318 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.98 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 0.326 mW/g