Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 128CH Left hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.904 mho/m; ε_r = 41.545; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

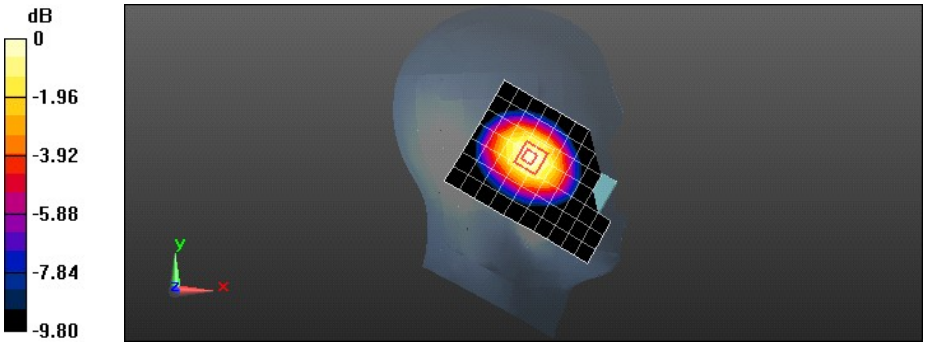
- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.958 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.992 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.2720
SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.679 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.009 mW/g



0 dB = 1.010mW/g = 0.09 dB mW/g

Date/Time: 2/29/2012 15:58:43

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Left hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

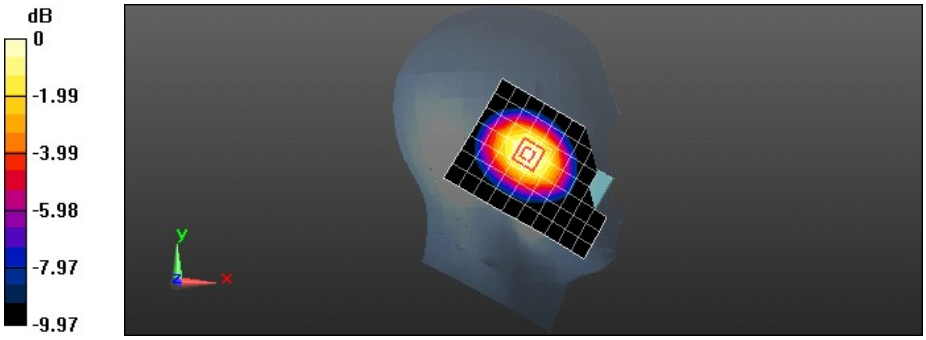
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.912 mho/m; ε_r = 41.328; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

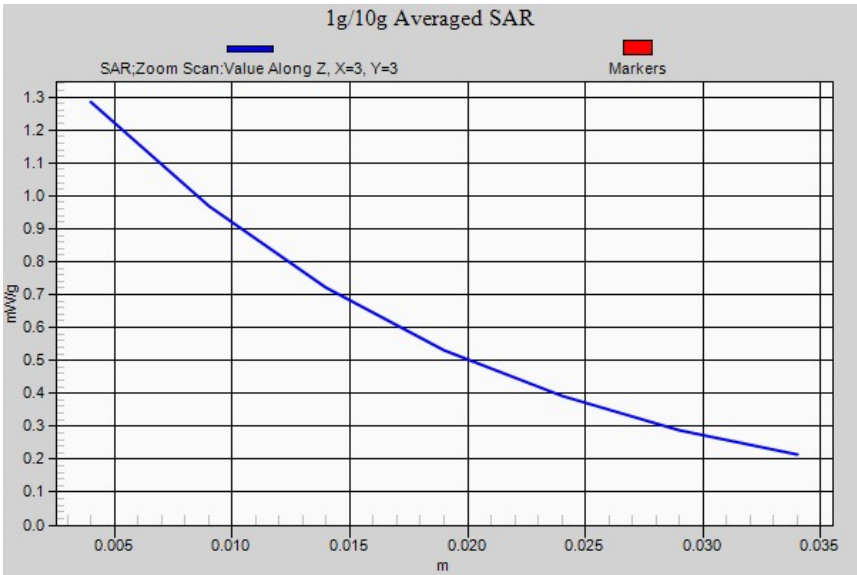
- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.223 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.543 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.6010
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.851 mW/g
Maximum value of SAR (measured) = 1.284 mW/g



0 dB = 1.280mW/g = 2.14 dB mW/g



Date/Time: 2/29/2012 16:49:23

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 251CH Left hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

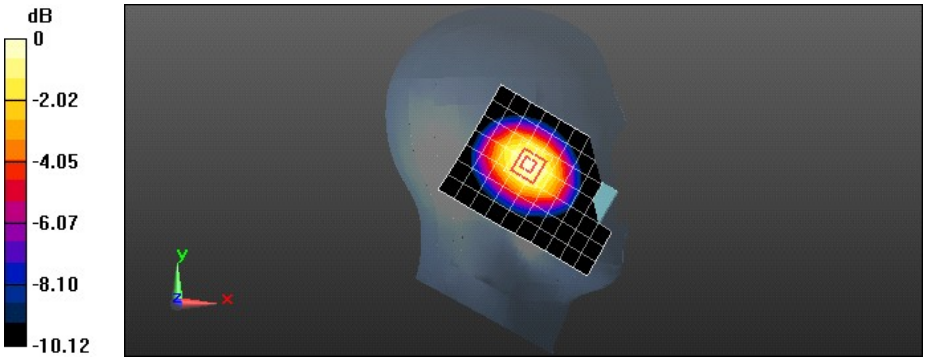
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.929 mho/m; ε_r = 41.14; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.078 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.275 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.4100
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.753 mW/g
Maximum value of SAR (measured) = 1.138 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

Date/Time: 2/29/2012 17:26:53

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Left hand tilt 15 degree

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

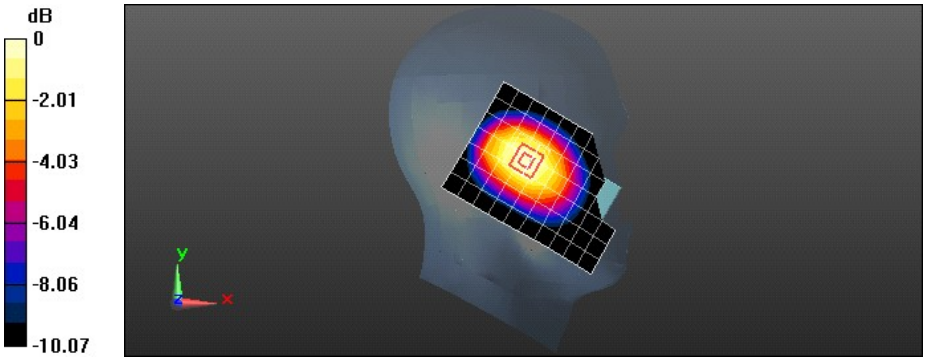
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.912 mho/m; ε_r = 41.328; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.775 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.641 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.0190
SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 0.795 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

Date/Time: 2/29/2012 19:00:34

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 128CH Right hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.904 mho/m; ε_r = 41.545; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

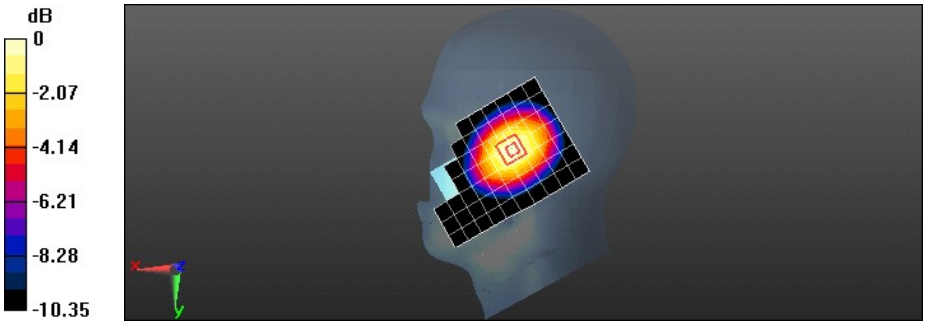
- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.909 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.361 V/m; Power Drift = -0.00011 dB
Peak SAR (extrapolated) = 1.2130
SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.641 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

Date/Time: 2/29/2012 18:00:55

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Right hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

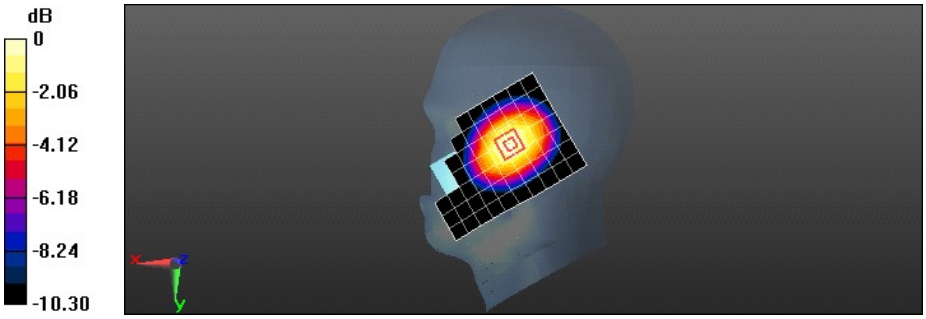
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.912 mho/m; ε_r = 41.328; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.127 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.790 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.5110
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.795 mW/g
Maximum value of SAR (measured) = 1.204 mW/g



0 dB = 1.200mW/g = 1.58 dB mW/g

Date/Time: 2/29/2012 19:30:40

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 251CH Right hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

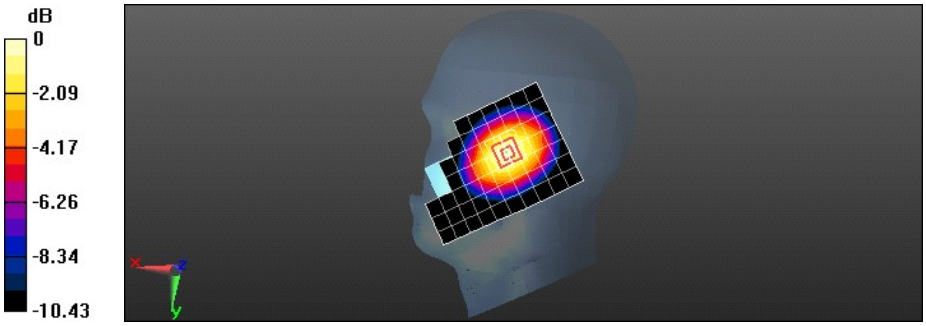
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.929 mho/m; ε_r = 41.14; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.975 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.395 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.3210
SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.695 mW/g
Maximum value of SAR (measured) = 1.052 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

Date/Time: 2/29/2012 20:03:05

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Right hand tilt 15 degree

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

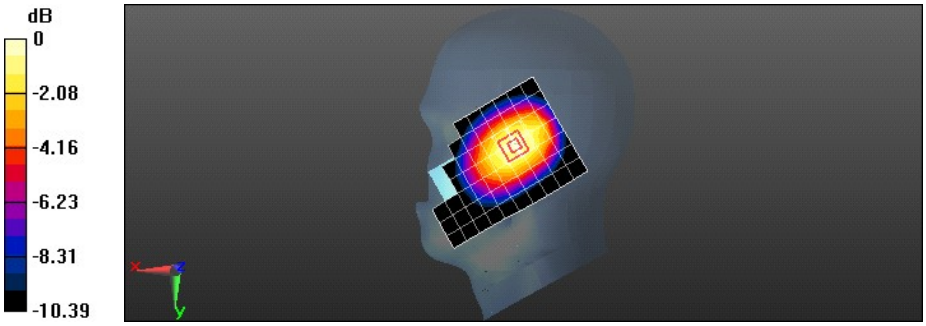
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.912 mho/m; ε_r = 41.328; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.758 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.373 V/m; Power Drift = 0.0098 dB
Peak SAR (extrapolated) = 0.9890
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 0.774 mW/g



0 dB = 0.770mW/g = -2.27 dB mW/g

Date/Time: 2/29/2012 20:32:57

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Left hand touch cheek with GAGB508XC18C1974

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

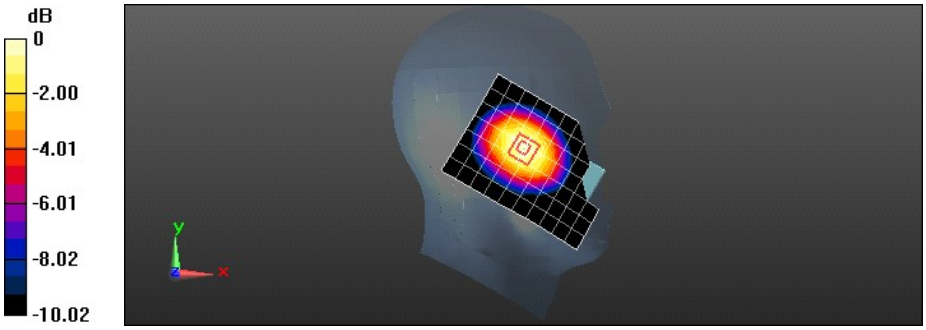
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.912 mho/m; ε_r = 41.328; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.215 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.393 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.5730
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.842 mW/g
Maximum value of SAR (measured) = 1.268 mW/g



0 dB = 1.270mW/g = 2.08 dB mW/g

Date/Time: 2/28/2012 11:04:47

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 1TS 190CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

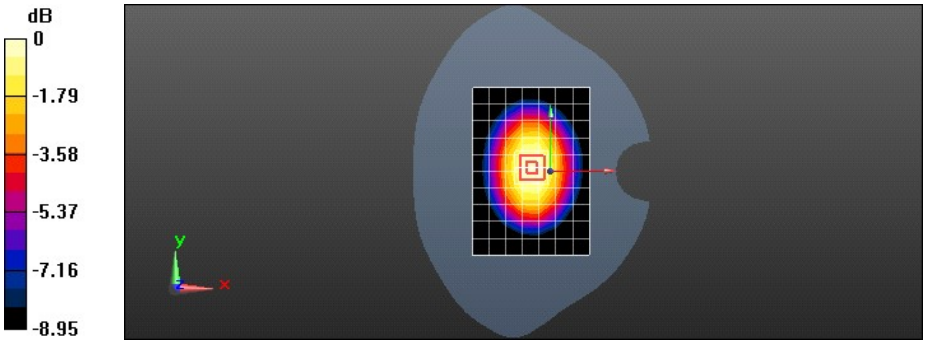
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.989 mho/m; ε_r = 53.725; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.596 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.279 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.7730
SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 0.624 mW/g



0 dB = 0.620mW/g = -4.15 dB mW/g

Date/Time: 2/28/2012 12:03:48

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 128CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 53.892; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

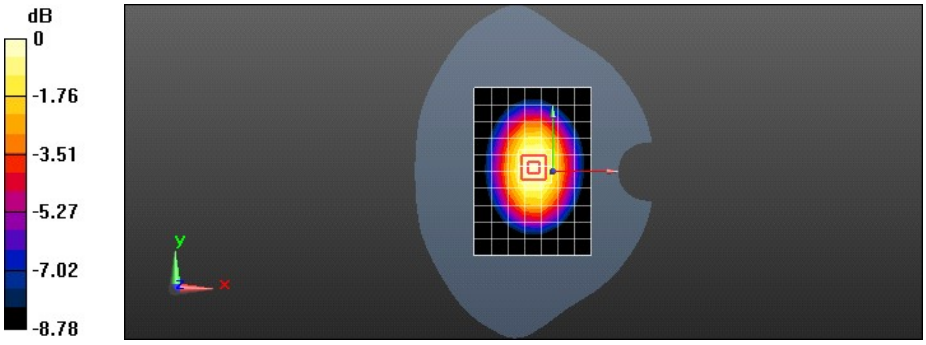
- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.723 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.007 V/m; Power Drift = -0.0087 dB
Peak SAR (extrapolated) = 0.9700
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.528 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.770mW/g = -2.27 dB mW/g

Date/Time: 2/28/2012 11:31:22

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 190CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

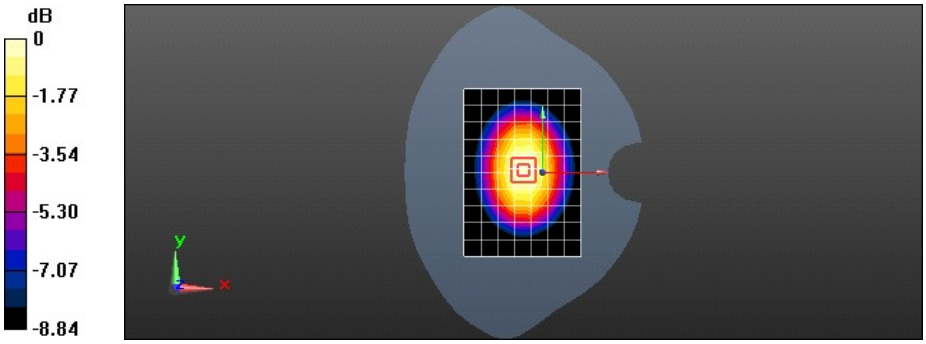
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.989 mho/m; ε_r = 53.725; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.825 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.371 V/m; Power Drift = -0.0032 dB
Peak SAR (extrapolated) = 1.0960
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.585 mW/g
Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.860mW/g = -1.31 dB mW/g

Date/Time: 2/28/2012 12:34:39

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 251CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

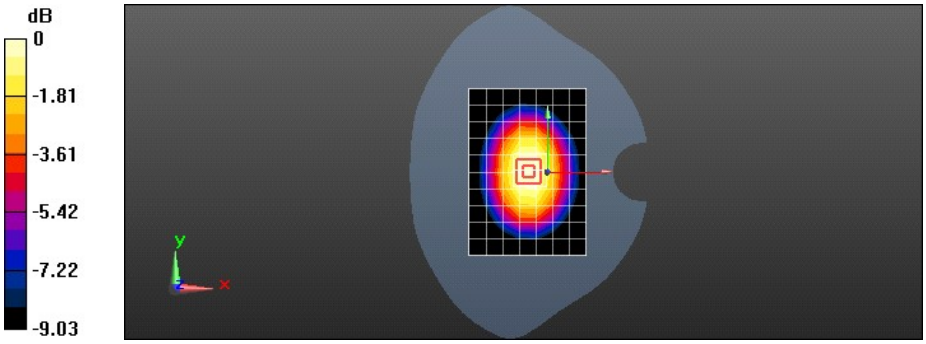
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 1.004 mho/m; ε_r = 53.639; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.731 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.800 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.9270
SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.750mW/g = -2.50 dB mW/g

Date/Time: 2/28/2012 15:29:43

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 128CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 53.892; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

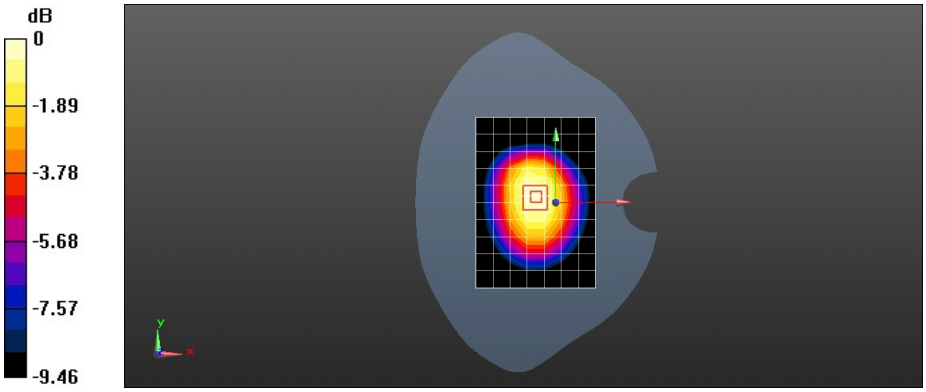
- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

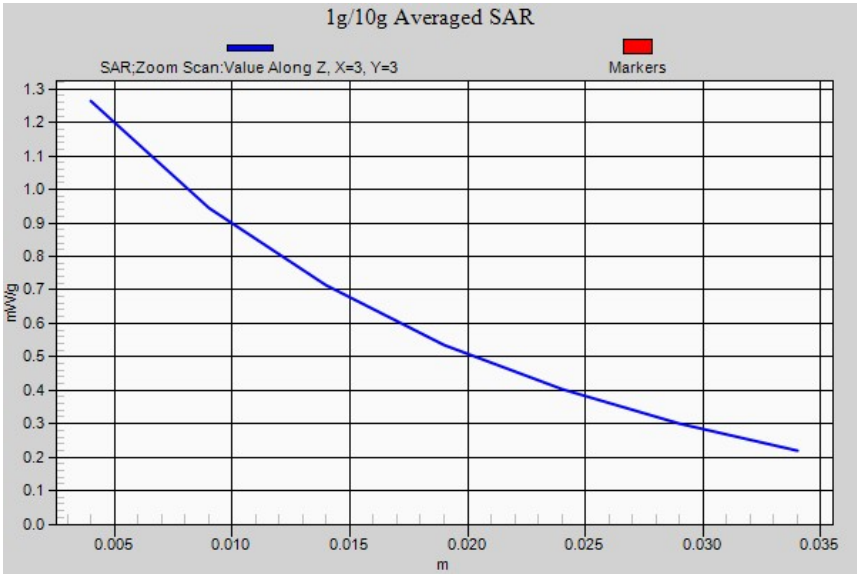
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.176 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.848 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.6020
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.859 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.264 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g



Date/Time: 2/28/2012 13:06:03

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 190CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

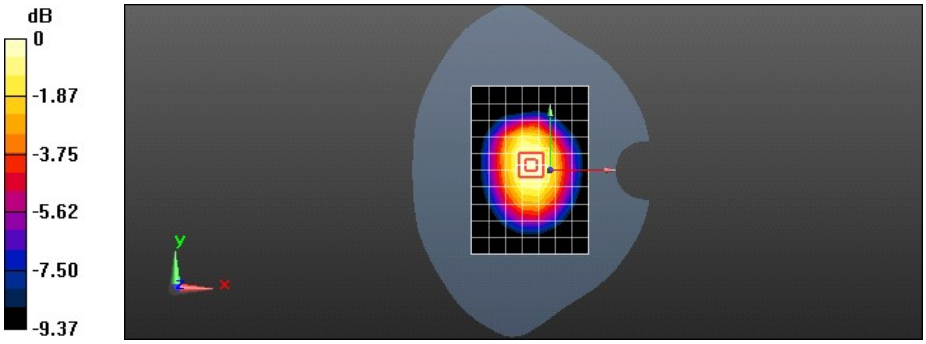
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.989 mho/m; ε_r = 53.725; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.114 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.179 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.4650
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.793 mW/g
Maximum value of SAR (measured) = 1.168 mW/g



0 dB = 1.170mW/g = 1.36 dB mW/g

Date/Time: 2/28/2012 16:08:14

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 251CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

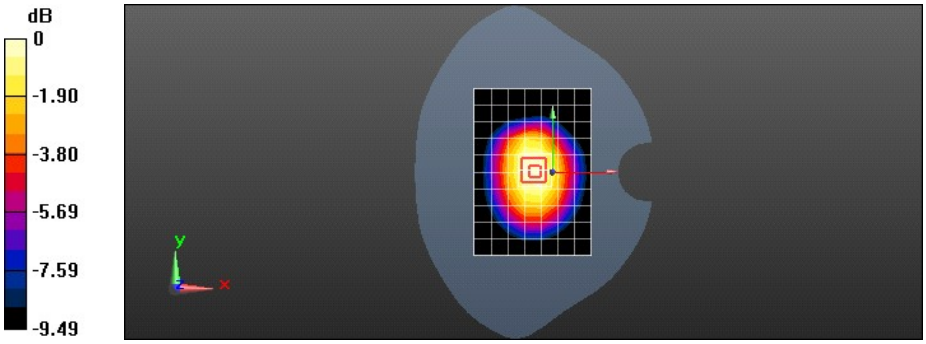
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 1.004 mho/m; ε_r = 53.639; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.024 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.905 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.3610
SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.715 mW/g
Maximum value of SAR (measured) = 1.062 mW/g



0 dB = 1.060mW/g = 0.51 dB mW/g

Date/Time: 2/28/2012 17:01:28

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 1TS 128CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 53.892; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

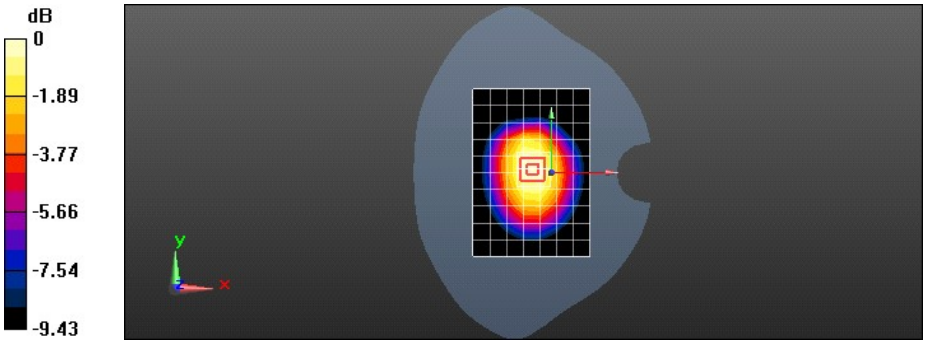
Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.909 mW/g

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

Reference Value = 31.246 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.2380
SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.646 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.954 mW/g



0 dB = 0.950mW/g = -0.45 dB mW/g

Date/Time: 2/28/2012 16:35:17

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 1TS 190CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

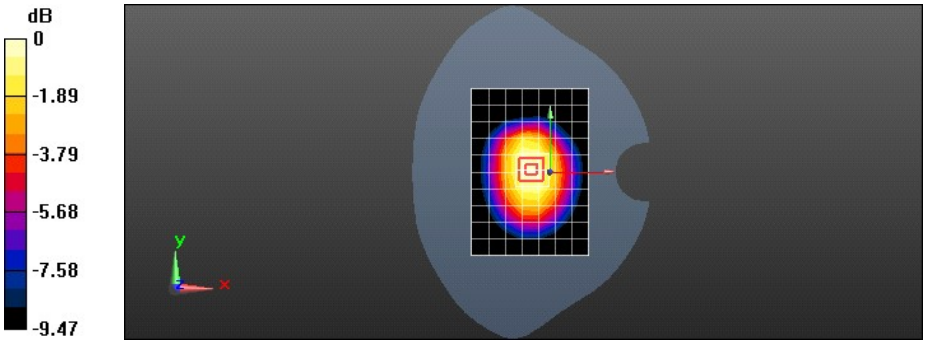
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.989 mho/m; ε_r = 53.725; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.816 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.428 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.1280
SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.586 mW/g
Maximum value of SAR (measured) = 0.872 mW/g



0 dB = 0.870mW/g = -1.21 dB mW/g

Date/Time: 2/28/2012 17:29:07

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 1TS 251CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

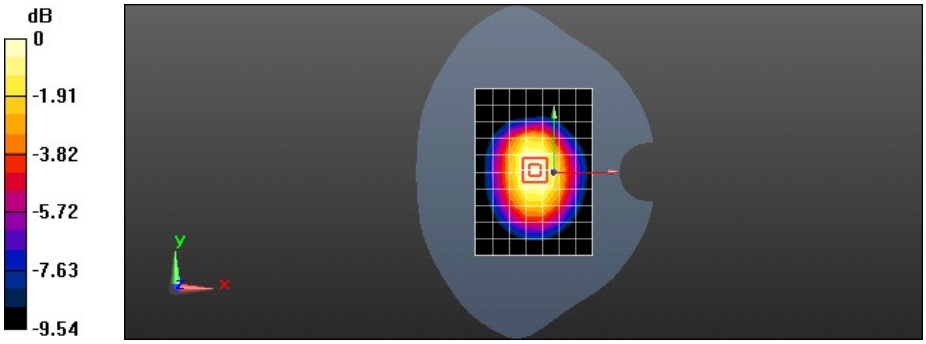
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 1.004 mho/m; ε_r = 53.639; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.753 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.086 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.9980
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 0.787 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

Date/Time: 2/28/2012 19:15:15

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 2TS 128CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 53.892; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

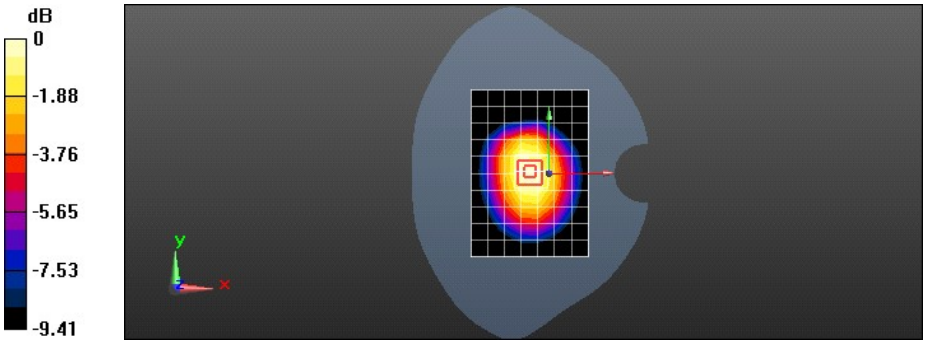
Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.199 mW/g

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

Reference Value = 35.989 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.5820
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.855 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.257 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

Date/Time: 2/28/2012 18:44:04

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 2TS 190CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

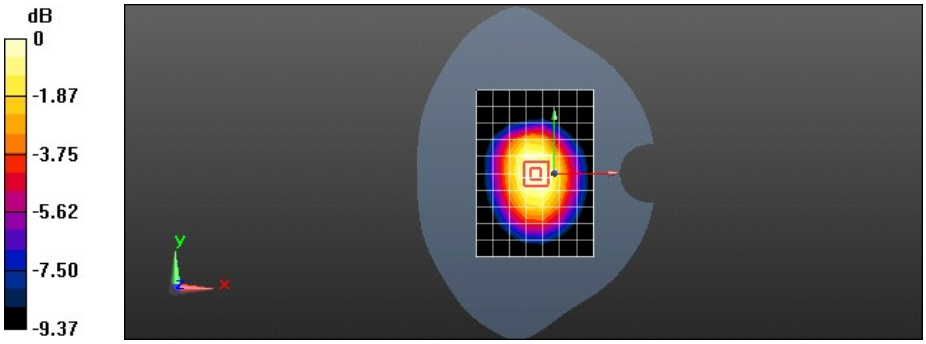
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.989 mho/m; ε_r = 53.725; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.109 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.304 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.4530
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.783 mW/g
Maximum value of SAR (measured) = 1.151 mW/g



0 dB = 1.150mW/g = 1.21 dB mW/g

Date/Time: 2/28/2012 19:42:28

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 2TS 251CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

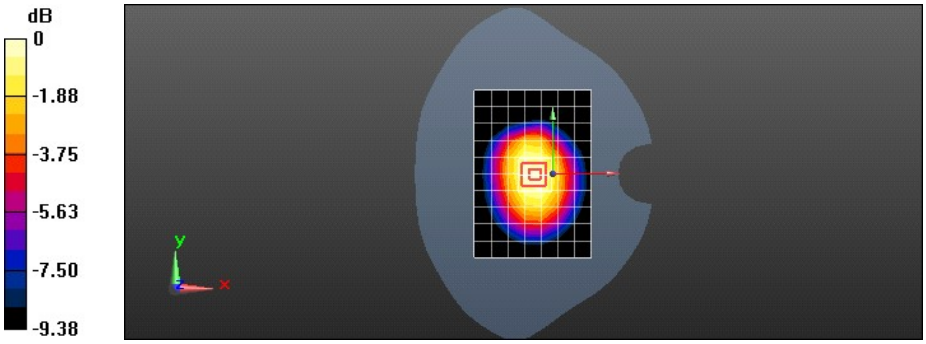
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 1.004 mho/m; ε_r = 53.639; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.000 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.249 V/m; Power Drift = 0.0049 dB
Peak SAR (extrapolated) = 1.3250
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.711 mW/g
Maximum value of SAR (measured) = 1.047 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

Date/Time: 2/28/2012 20:18:10

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 128CH Towards Ground 15mm with Handset

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 53.892; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

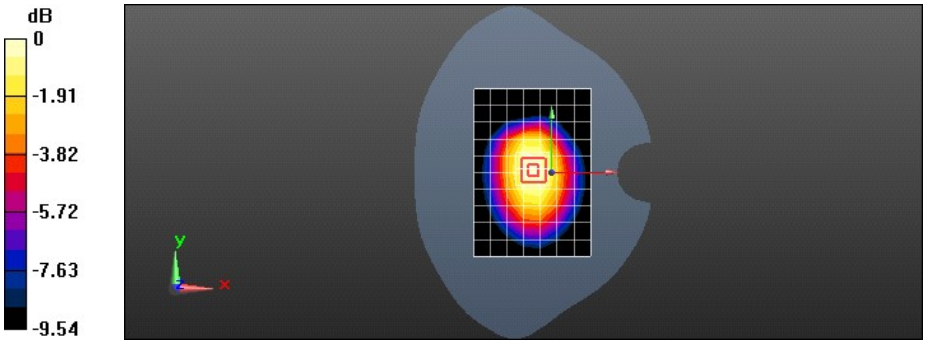
- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.679 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.152 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.9110
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.484 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.716 mW/g



0 dB = 0.720mW/g = -2.85 dB mW/g

Date/Time: 2/28/2012 20:56:14

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 128CH Towards Ground 15mm with GAGB508XC18C1974

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 53.892; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

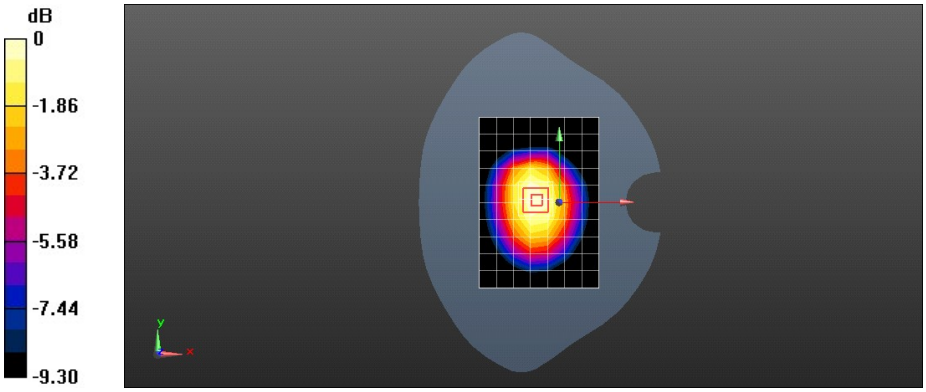
Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.236 mW/g

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

Reference Value = 36.484 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.6110
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.858 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.265 mW/g



0 dB = 1.270mW/g = 2.08 dB mW/g

Date/Time: 2/29/2012 22:38:39

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Left hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

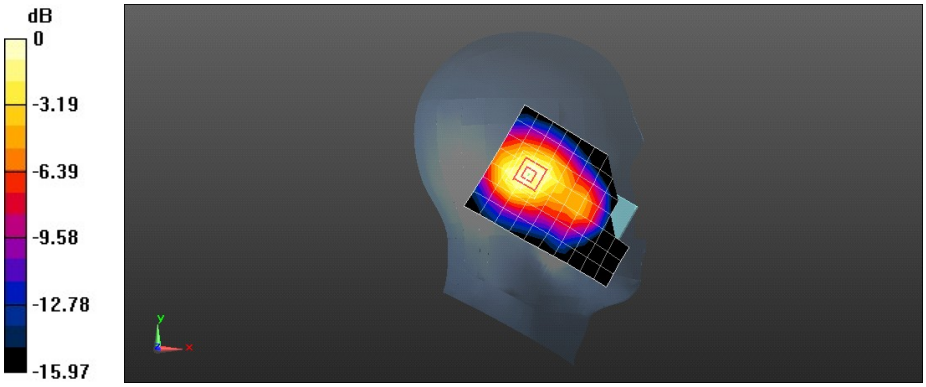
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.389 mho/m; ε_r = 38.536; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.379 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.568 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.5970
SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

Date/Time: 2/29/2012 23:04:27

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Left hand tilt 15 degree

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

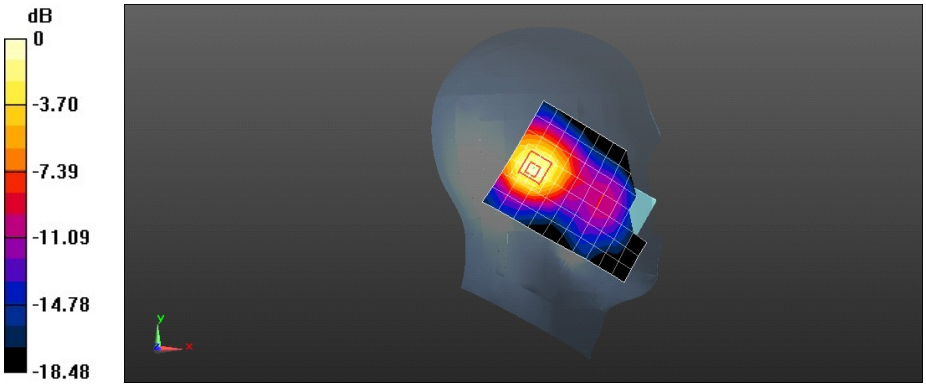
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.389 mho/m; ε_r = 38.536; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.350 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.985 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.6530
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.401 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

Date/Time: 2/29/2012 21:40:09

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Right hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

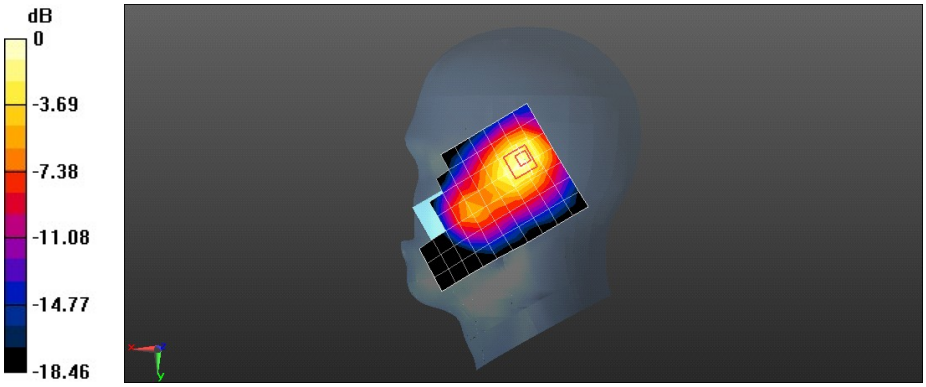
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.389 mho/m; ε_r = 38.536; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.472 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.235 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.8810
SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.515 mW/g



0 dB = 0.510mW/g = -5.85 dB mW/g

Date/Time: 2/29/2012 22:11:02

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Right hand tilt 15 degree

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

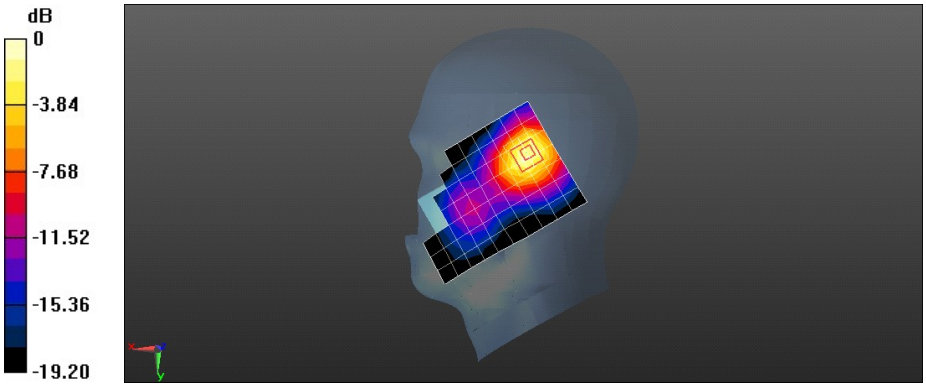
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.389 mho/m; ε_r = 38.536; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

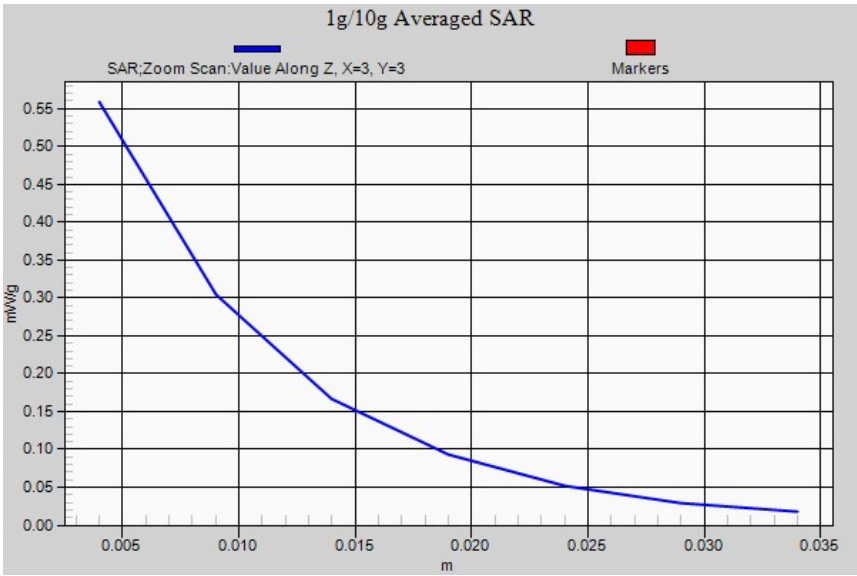
- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.473 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.139 V/m; Power Drift = 0.0076 dB
Peak SAR (extrapolated) = 0.9610
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 0.558 mW/g



0 dB = 0.560mW/g = -5.04 dB mW/g



Date/Time: 3/1/2012 0:51:04

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Right hand tilt 15 degree with GAGB508XC18C1974

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

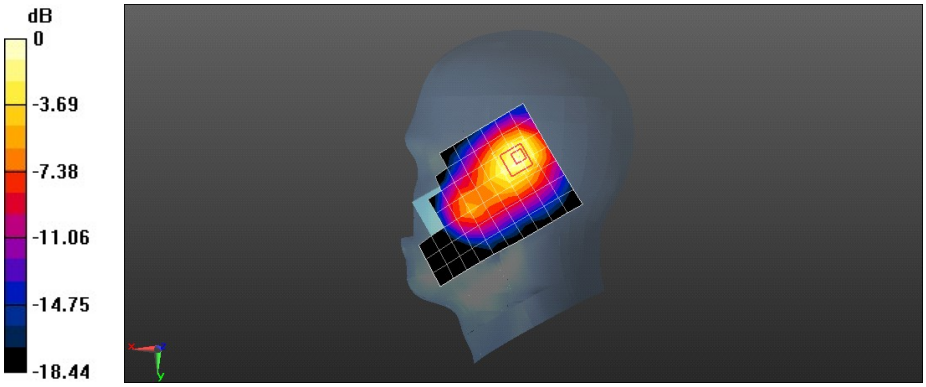
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.389 mho/m; ε_r = 38.536; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.482 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.129 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.9390
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.553 mW/g



0 dB = 0.550mW/g = -5.19 dB mW/g

Date/Time: 2/28/2012 22:06:11

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 GPRS 1TS 661CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 52.545; ρ = 1000 kg/m^3
Phantom section: Flat Section

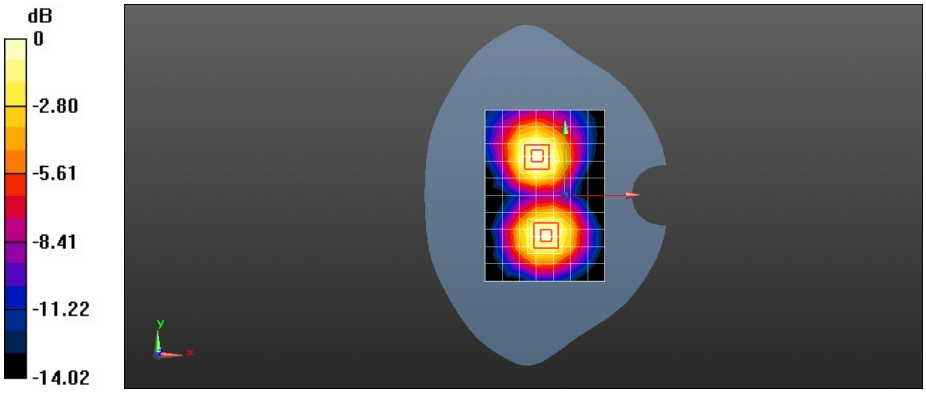
DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.151 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.582 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.2260
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.153 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.582 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.1940
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.138 mW/g



0 dB = 0.140mW/g = -17.08 dB mW/g

Date/Time: 2/28/2012 22:46:50

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 GPRS 2TS 661CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 52.545; ρ = 1000 kg/m^3
Phantom section: Flat Section

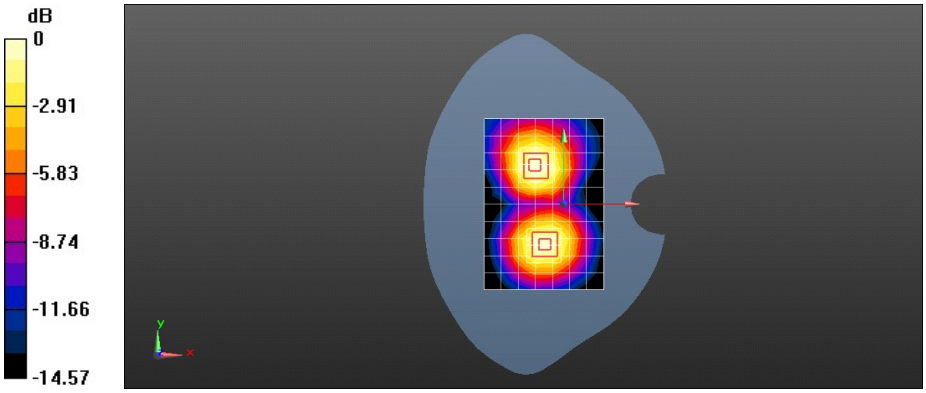
DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.210 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.280 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.3090
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.211 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.280 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.2710
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.190mW/g = -14.42 dB mW/g

Date/Time: 2/28/2012 23:29:33

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 GPRS 2TS 661CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

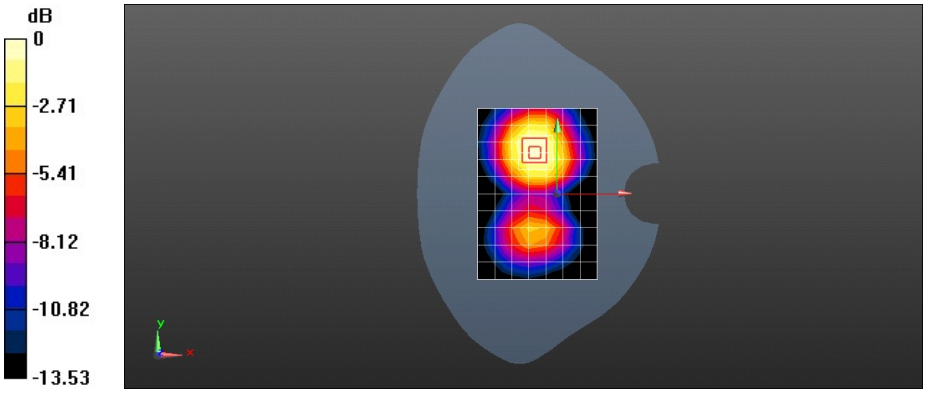
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 52.545; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

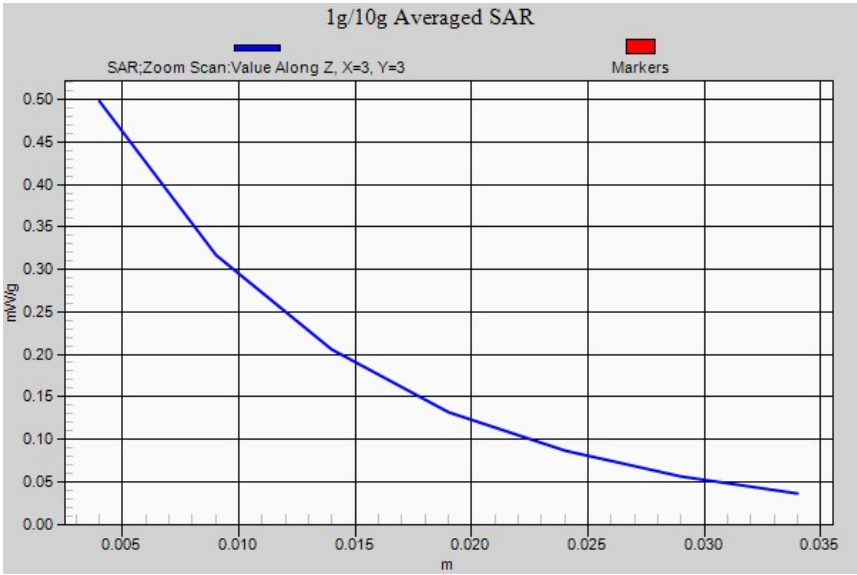
- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.482 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.209 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.7310
SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.303 mW/g
Maximum value of SAR (measured) = 0.498 mW/g



0 dB = 0.500mW/g = -6.02 dB mW/g



Date/Time: 2/28/2012 23:56:55

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 EGPRS 1TS 661CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

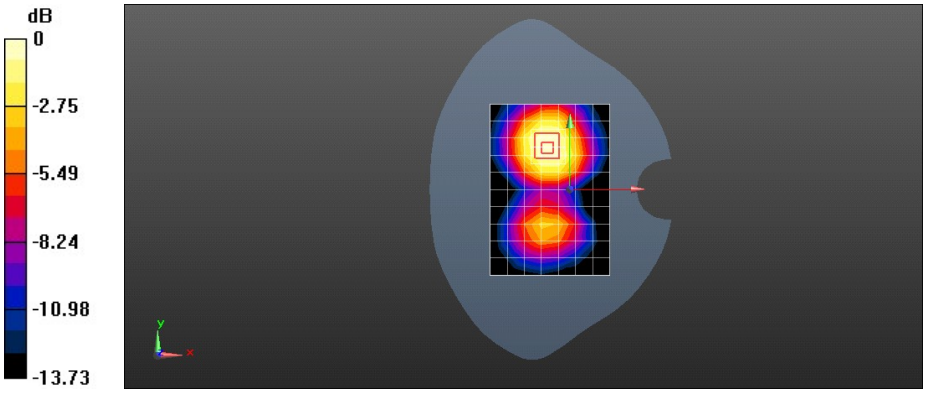
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 52.545; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.349 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.086 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.5390
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.360mW/g = -8.87 dB mW/g