Appendix B. SAR Measurement Plots

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GSM 850Hz Body
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WCDMA 1900MHz Body

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 GPRS 1TS 190CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
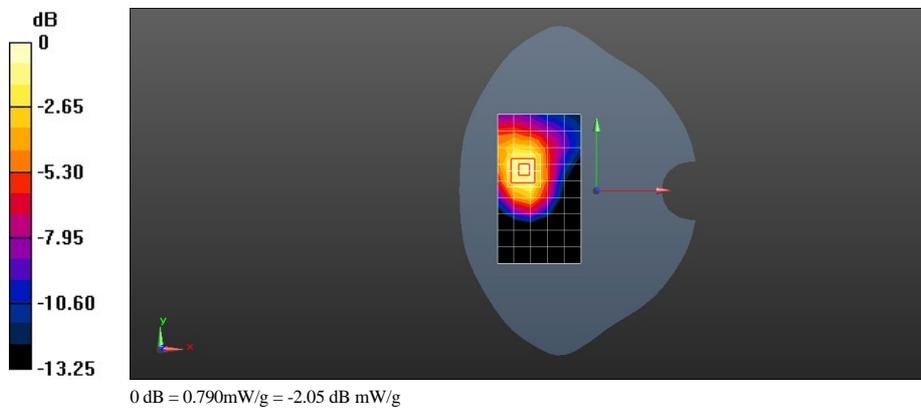
Maximum value of SAR (measured) = 0.677 mW/g

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

Reference Value = 3.731 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.1100

SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.787 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 GPRS 2TS 190CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
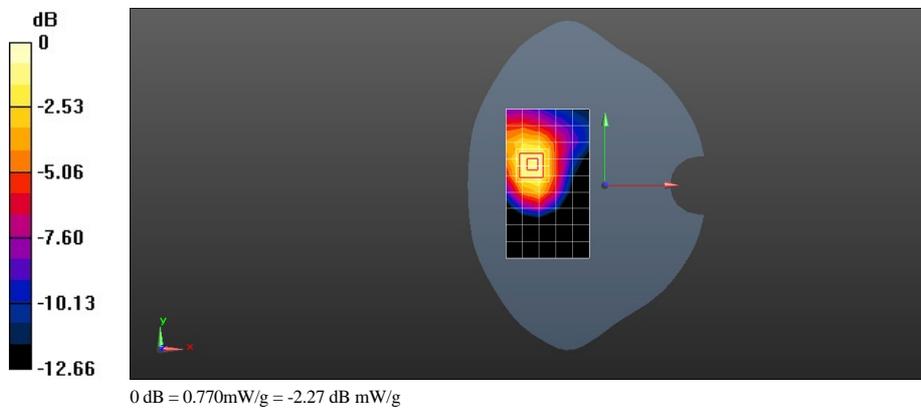Maximum value of SAR (measured) = 0.659 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.116 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.1170
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.773 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 GPRS 3TS 190CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
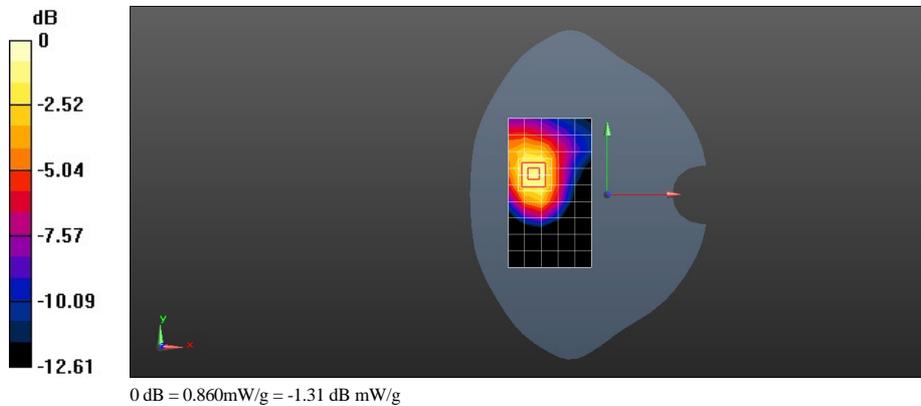Maximum value of SAR (measured) = 0.723 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.320 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.2290
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 0.856 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 GPRS 4TS 190CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

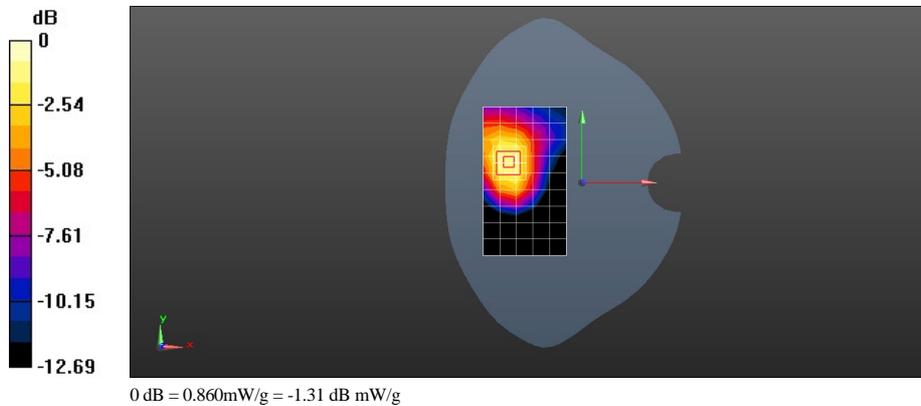Maximum value of SAR (measured) = 0.730 mW/g

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

Reference Value = 4.392 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.2450

SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.491 mW/g

Maximum value of SAR (measured) = 0.865 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 GPRS 4TS 190CH Rear side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

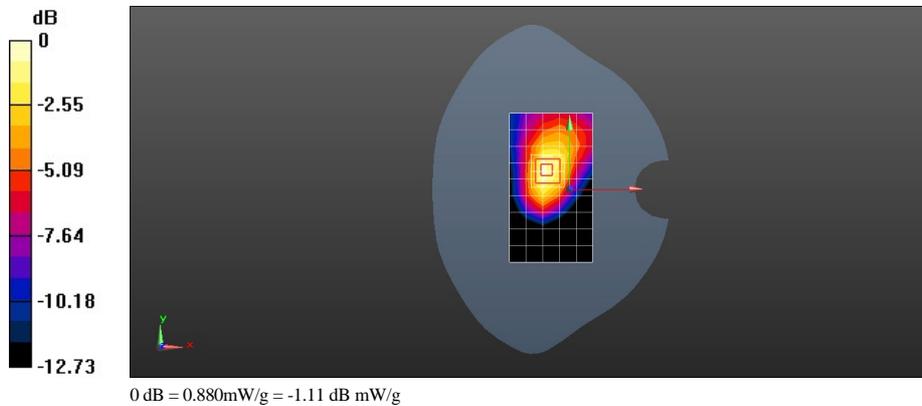Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.989 mho/m; ε_r = 53.725; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.783 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.105 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.2780
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.480 mW/g
Maximum value of SAR (measured) = 0.876 mW/g

0 dB = 0.880mW/g = -1.11 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 GPRS 4TS 190CH Left side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

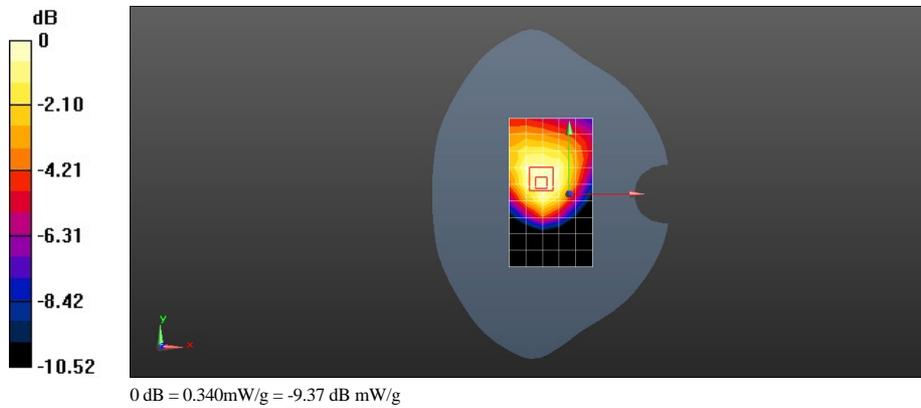Maximum value of SAR (measured) = 0.339 mW/g

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

Reference Value = 17.257 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.4680

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.340 mW/g

0 dB = 0.340mW/g = -9.37 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 GPRS 4TS 190CH Right side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

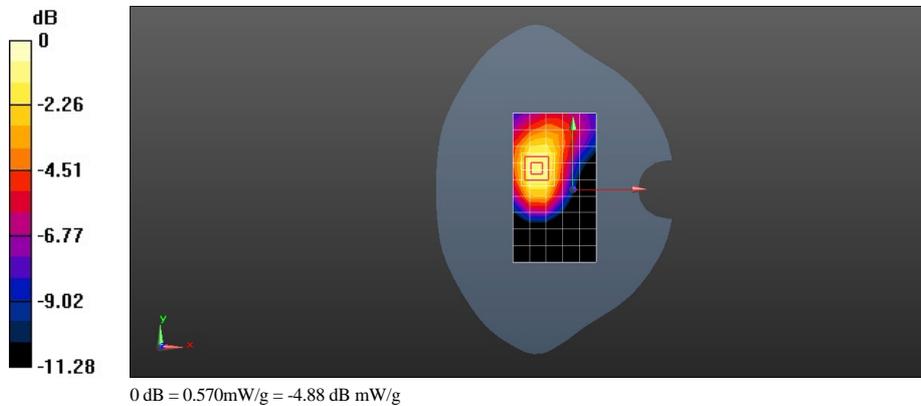Maximum value of SAR (measured) = 0.486 mW/g

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

Reference Value = 15.817 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.8020

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.567 mW/g

0 dB = 0.570mW/g = -4.88 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 EGPRS 1TS 190CH Rear side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
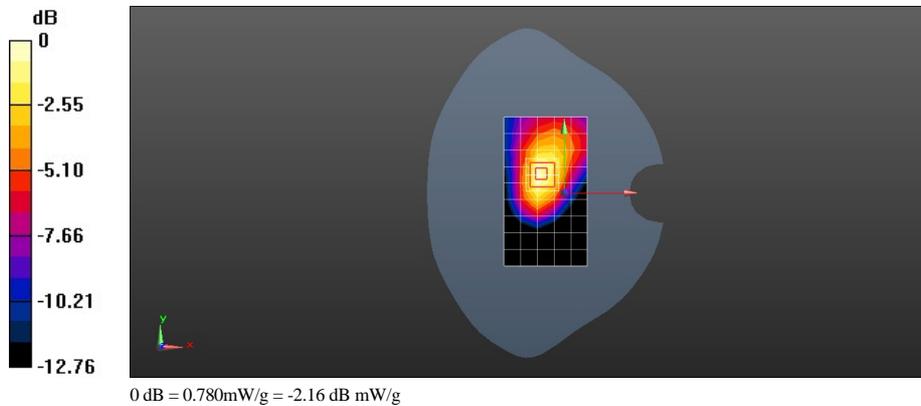Maximum value of SAR (measured) = 0.684 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.401 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.1370
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.427 mW/g
Maximum value of SAR (measured) = 0.778 mW/g

0 dB = 0.780mW/g = -2.16 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 EGPRS 2TS 190CH Rear side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
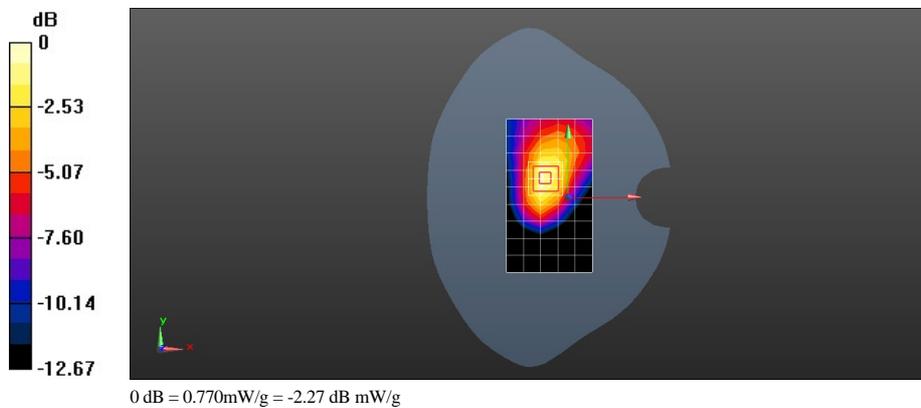Maximum value of SAR (measured) = 0.671 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.161 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.1550
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.767 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 EGPRS 3TS 190CH Rear side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
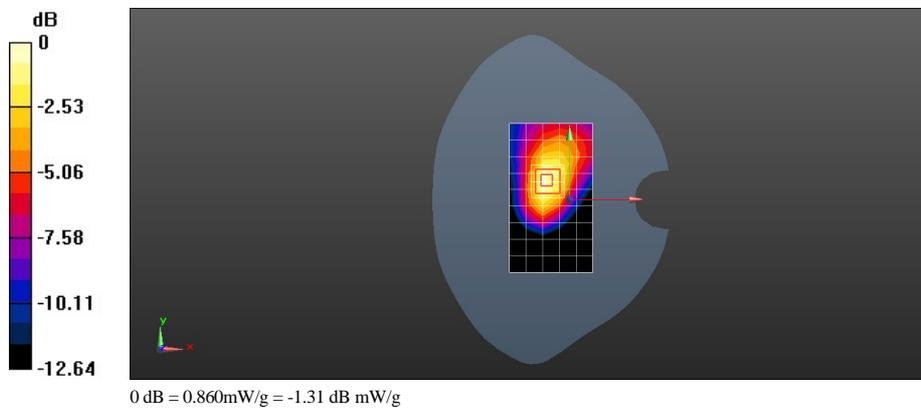Maximum value of SAR (measured) = 0.761 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.514 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.2690
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.862 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM850 EGPRS 4TS 190CH Rear side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

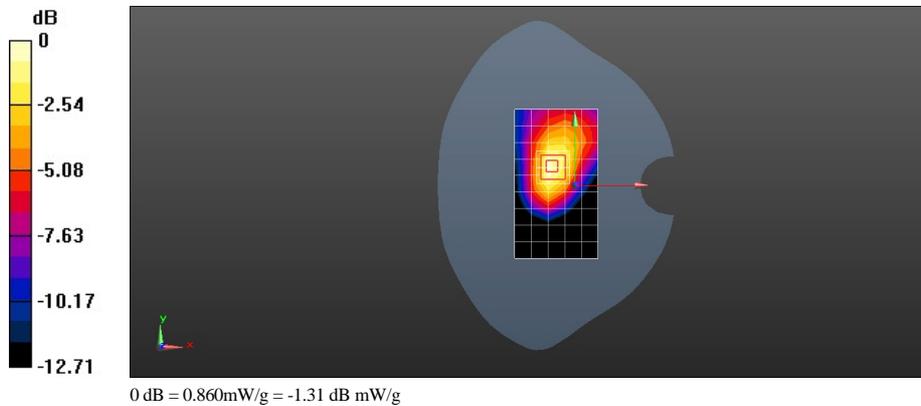Maximum value of SAR (measured) = 0.767 mW/g

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

Reference Value = 23.642 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.2580

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.474 mW/g

Maximum value of SAR (measured) = 0.865 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 1TS 661CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
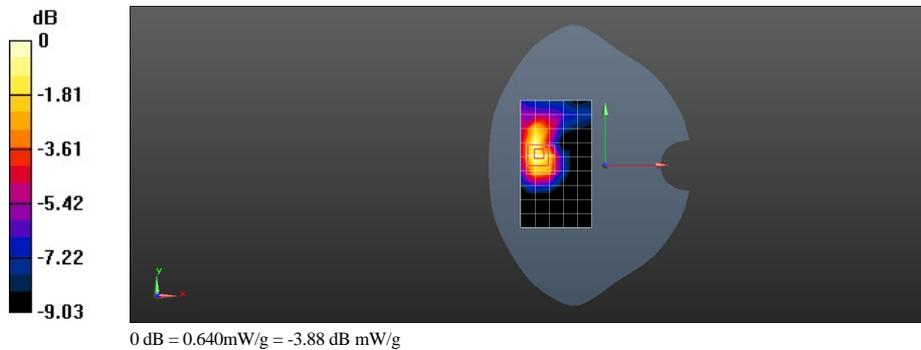
Maximum value of SAR (measured) = 0.597 mW/g

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

Reference Value = 6.706 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.9760

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.638 mW/g

0 dB = 0.640mW/g = -3.88 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 2TS 661CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
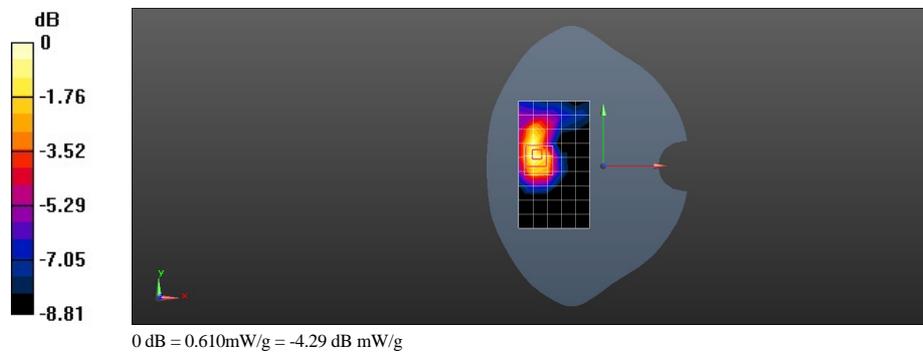Maximum value of SAR (measured) = 0.559 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.418 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.8660
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.345 mW/g
Maximum value of SAR (measured) = 0.611 mW/g

0 dB = 0.610mW/g = -4.29 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 3TS 661CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
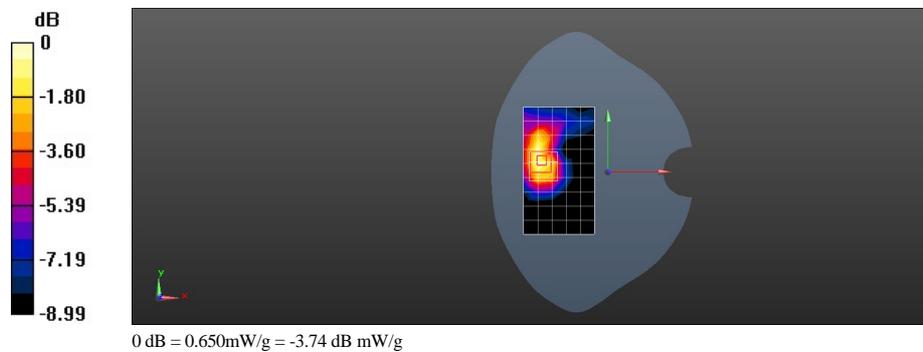Maximum value of SAR (measured) = 0.605 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.582 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.9540
SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.648 mW/g

0 dB = 0.650mW/g = -3.74 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 4TS 661CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
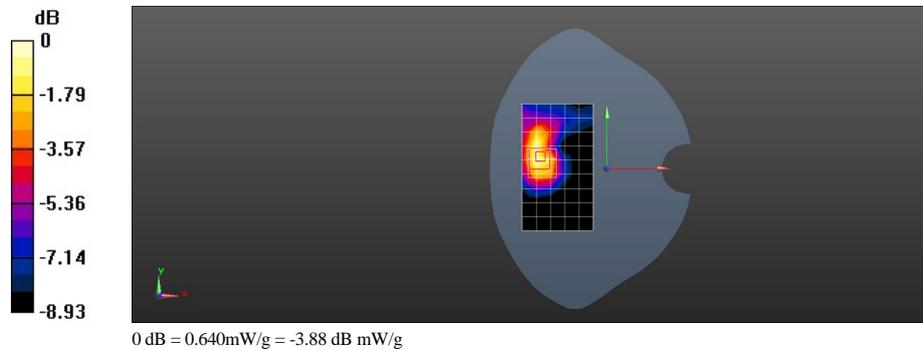Maximum value of SAR (measured) = 0.600 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.495 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.9880
SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.645 mW/g

0 dB = 0.640mW/g = -3.88 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 4TS 512CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.473 mho/m; ε_r = 52.621; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
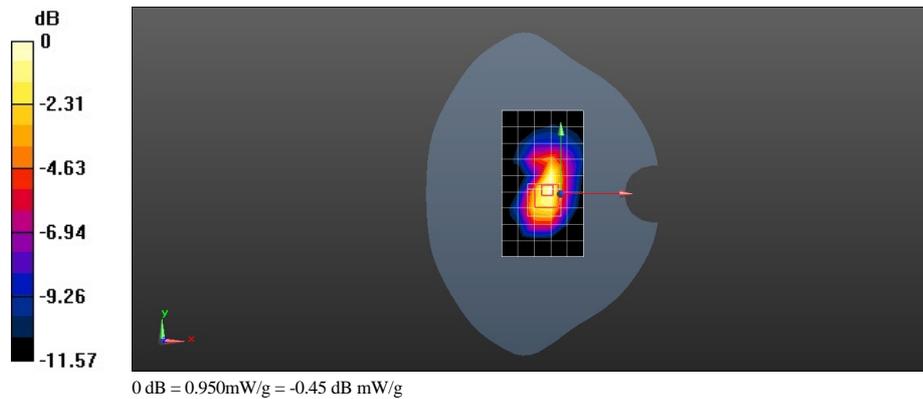Maximum value of SAR (measured) = 0.895 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.789 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.5350
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.502 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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 4TS 661CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
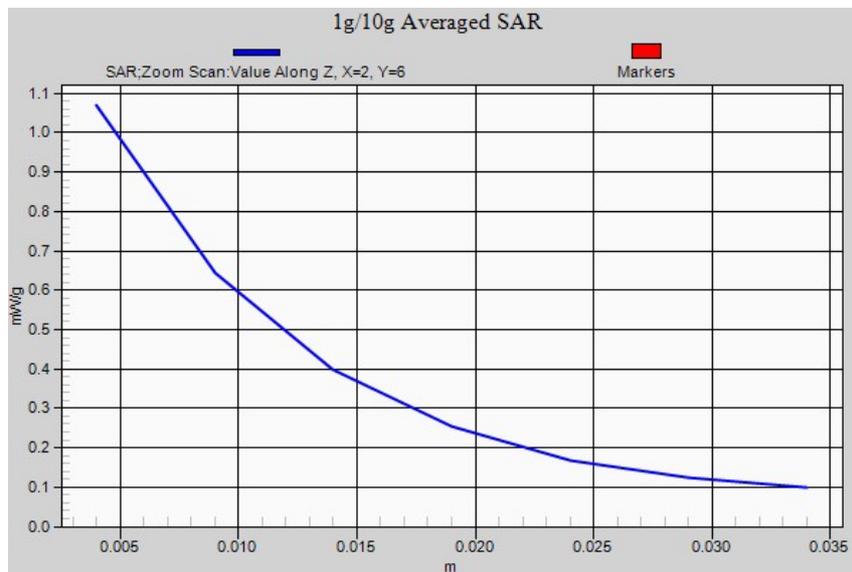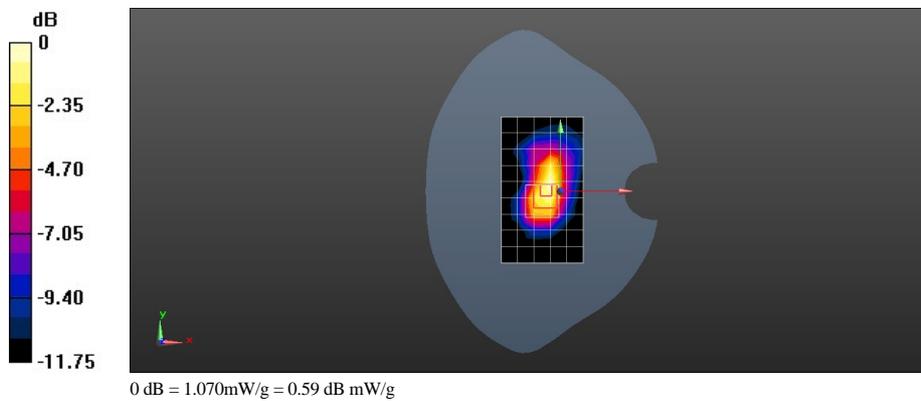Maximum value of SAR (measured) = 1.000 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.643 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.6820
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 1.069 mW/g

0 dB = 1.070mW/g = 0.59 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 4TS 810CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.539 mho/m; ε_r = 52.385; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
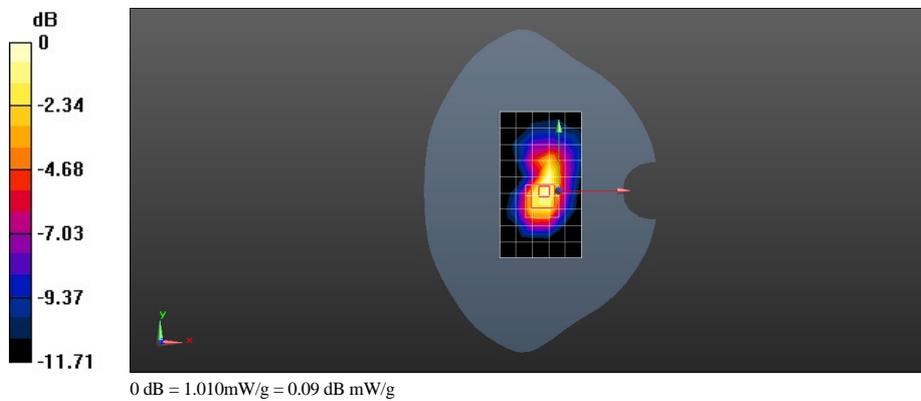
Maximum value of SAR (measured) = 0.928 mW/g

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

Reference Value = 25.185 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.6140

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.535 mW/g

Maximum value of SAR (measured) = 1.015 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 4TS 661CH Left Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
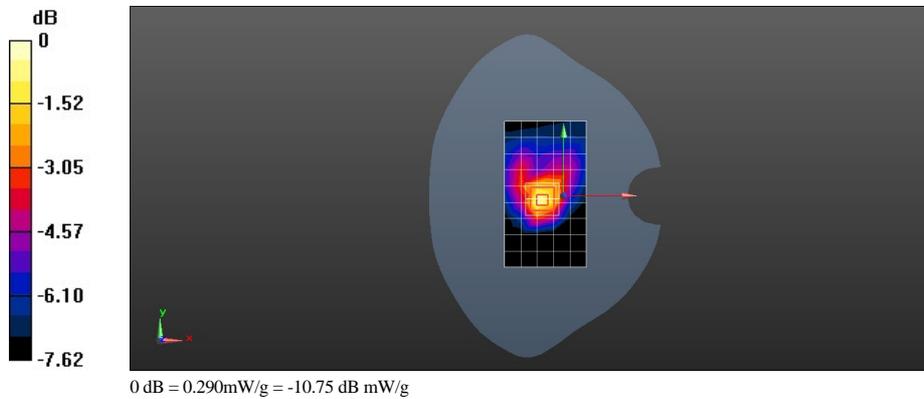Maximum value of SAR (measured) = 0.270 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.593 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.4490
SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.293 mW/g

0 dB = 0.290mW/g = -10.75 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 GPRS 4TS 661CH Right Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
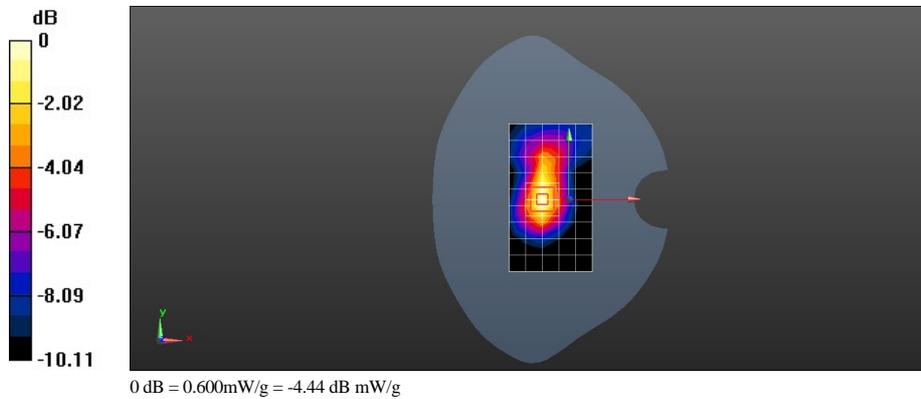Maximum value of SAR (measured) = 0.569 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.208 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.8860
SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.596 mW/g

0 dB = 0.600mW/g = -4.44 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 1TS 512CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.473 mho/m; ε_r = 52.621; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
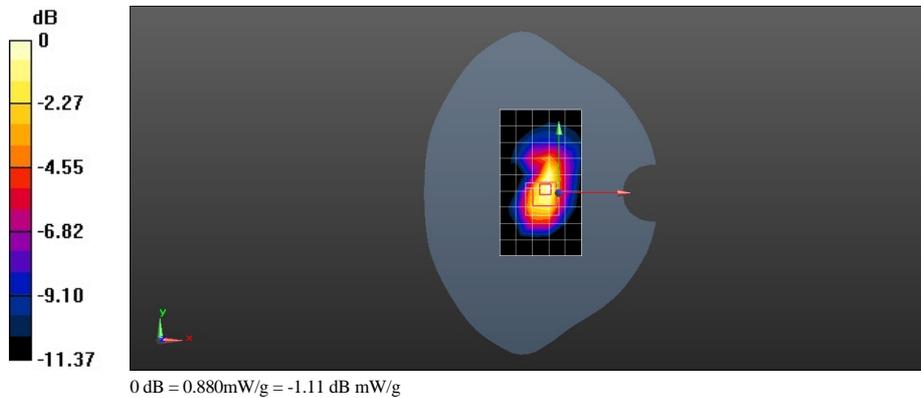Maximum value of SAR (measured) = 0.837 mW/g

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

Reference Value = 23.520 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.4090
SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.882 mW/g

0 dB = 0.880mW/g = -1.11 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 1TS 661CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
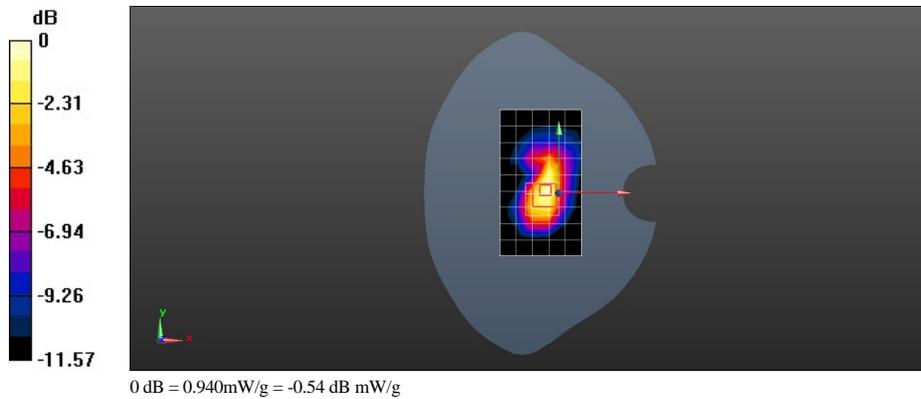Maximum value of SAR (measured) = 0.883 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.056 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.5310
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.495 mW/g
Maximum value of SAR (measured) = 0.936 mW/g

0 dB = 0.940mW/g = -0.54 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 1TS 810CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.539 mho/m; ε_r = 52.385; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
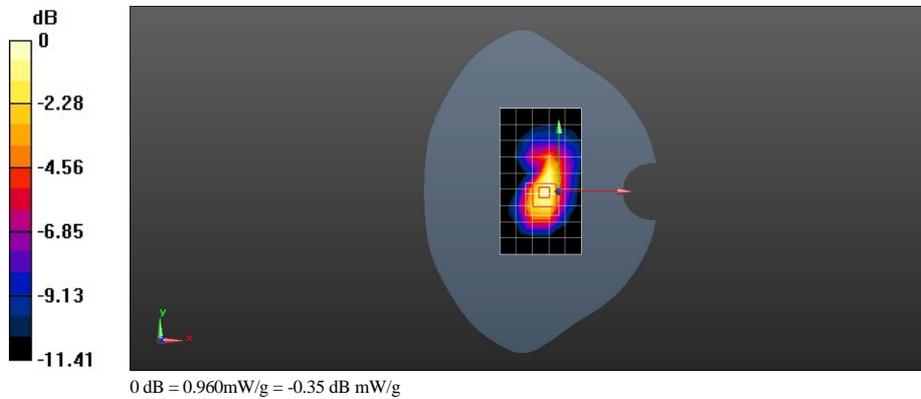Maximum value of SAR (measured) = 0.904 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.978 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.5290
SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.504 mW/g
Maximum value of SAR (measured) = 0.957 mW/g

0 dB = 0.960mW/g = -0.35 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 2TS 512CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.473 mho/m; ε_r = 52.621; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
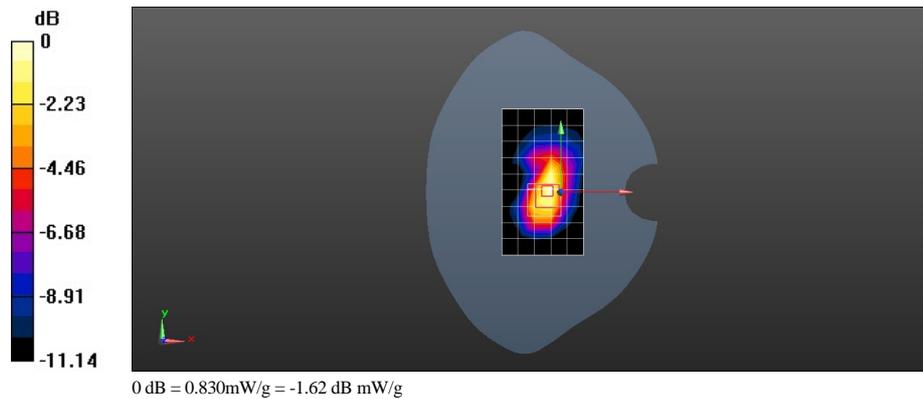Maximum value of SAR (measured) = 0.808 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.558 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.3070
SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.437 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.834 mW/g

0 dB = 0.830mW/g = -1.62 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 2TS 661CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
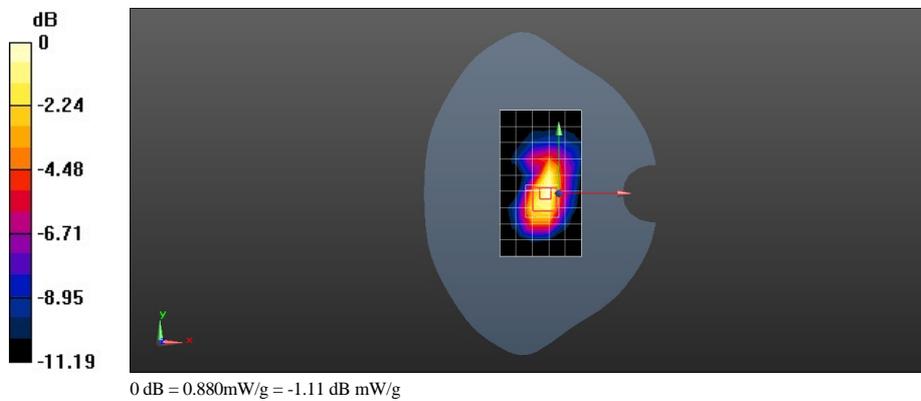Maximum value of SAR (measured) = 0.857 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.063 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.4000
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.884 mW/g

0 dB = 0.880mW/g = -1.11 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 2TS 810CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.539 mho/m; $ε_r$ = 52.385; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

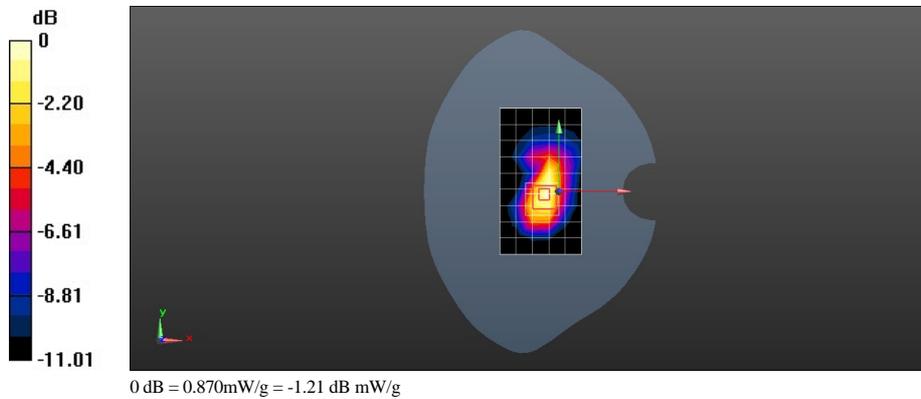Maximum value of SAR (measured) = 0.850 mW/g

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

Reference Value = 22.683 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.3480

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.871 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 3TS 512CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.473$ mho/m; $\varepsilon_r = 52.621$; $\rho = 1000$ kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
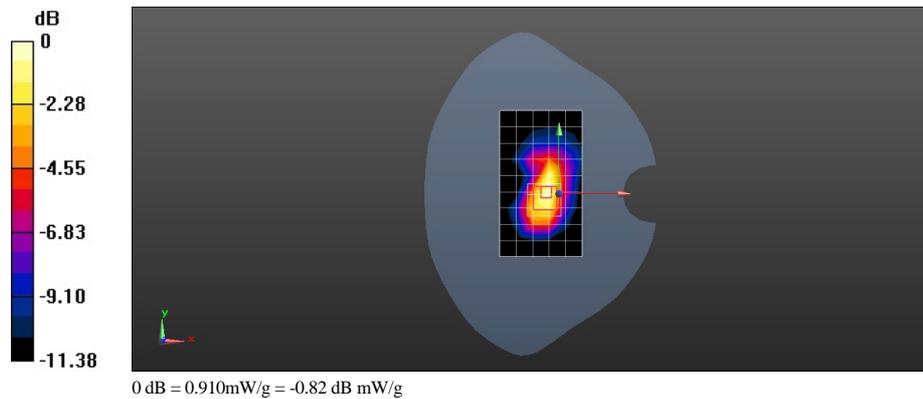Maximum value of SAR (measured) = 0.879 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.591 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.4150
SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.472 mW/g

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

0 dB = 0.910mW/g = -0.82 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 3TS 661CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
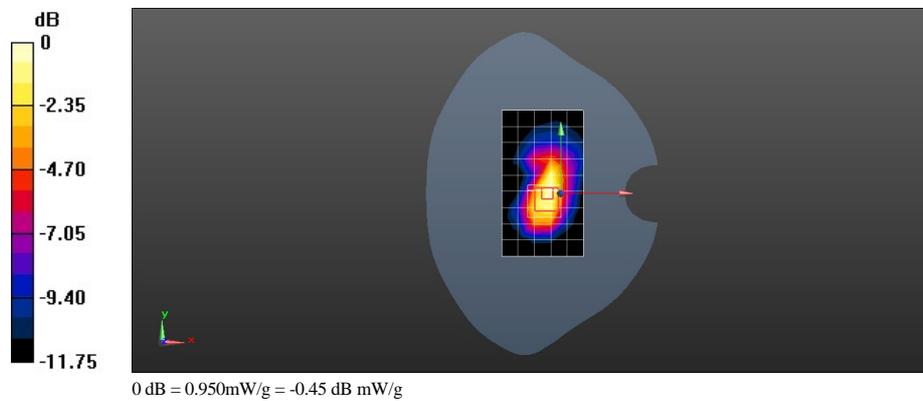Maximum value of SAR (measured) = 0.925 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.970 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.5060
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.502 mW/g
Maximum value of SAR (measured) = 0.954 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 3TS 810CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.539 mho/m; ε_r = 52.385; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

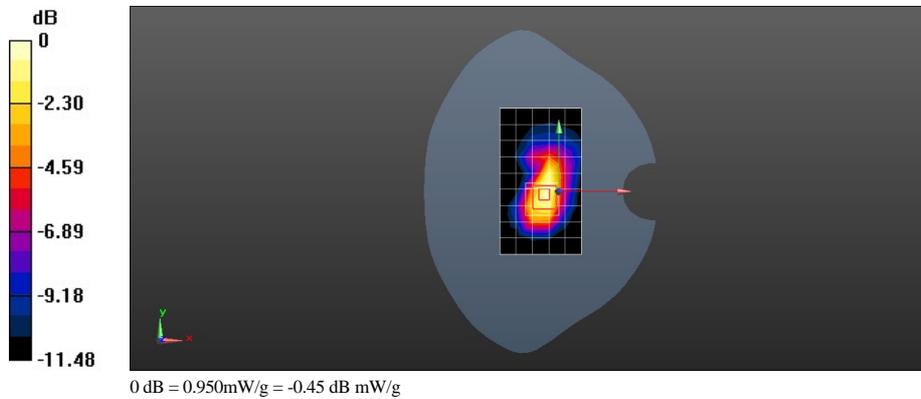Maximum value of SAR (measured) = 0.921 mW/g

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

Reference Value = 23.447 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.5420

SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 0.947 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 4TS 512CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.473 mho/m; ε_r = 52.621; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
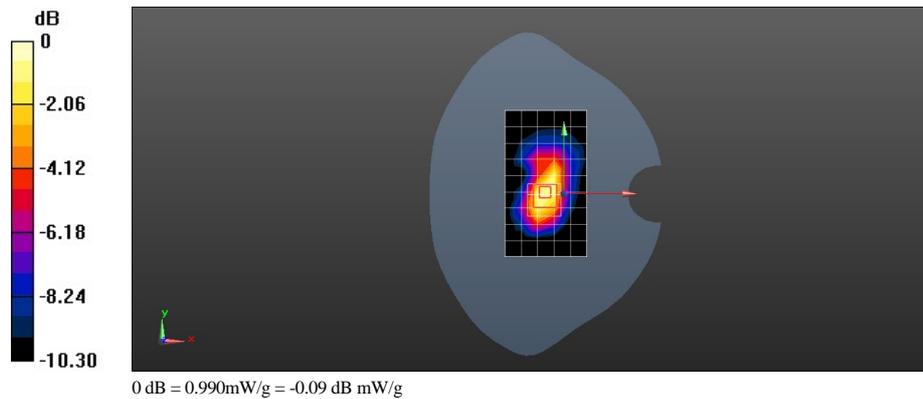Maximum value of SAR (measured) = 0.784 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.971 V/m; Power Drift = 0.0089 dB
Peak SAR (extrapolated) = 1.4780
SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.523 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.986 mW/g

0 dB = 0.990mW/g = -0.09 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 4TS 661CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
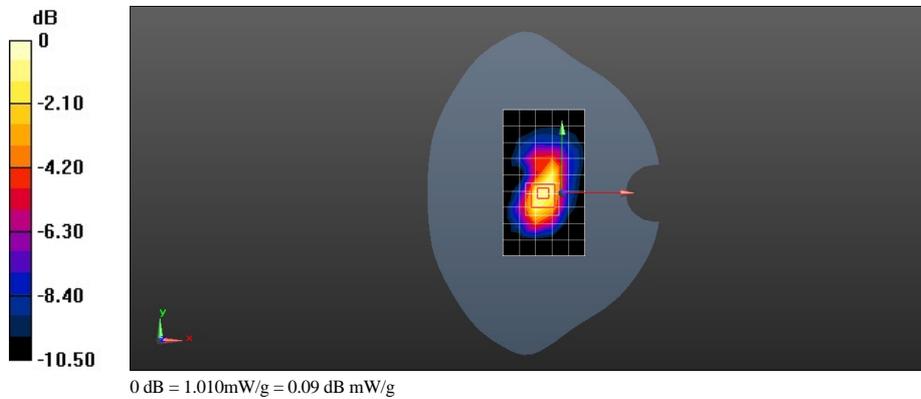Maximum value of SAR (measured) = 0.822 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.008 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.6190
SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 1.014 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 GSM1900 EGPRS 4TS 810CH Rear Side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.539 mho/m; ε_r = 52.385; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
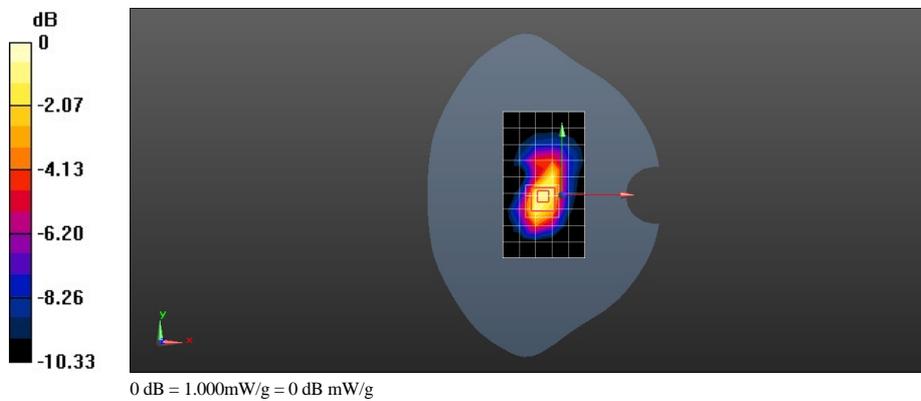Maximum value of SAR (measured) = 0.828 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.750 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.5290
SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 1.000 mW/g

0 dB = 1.000mW/g = 0 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA850 4182CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.988 mho/m; $ε_r$ = 53.702; ρ = 1000 kg/m^3
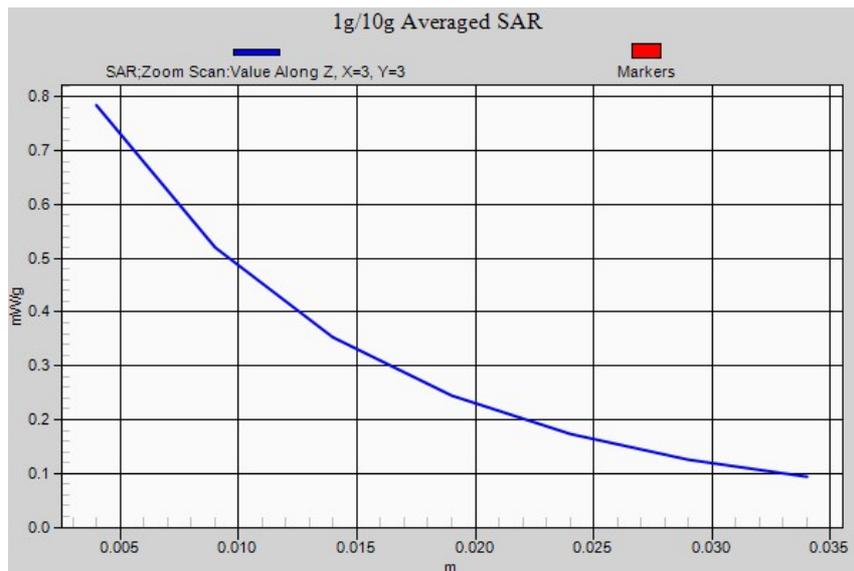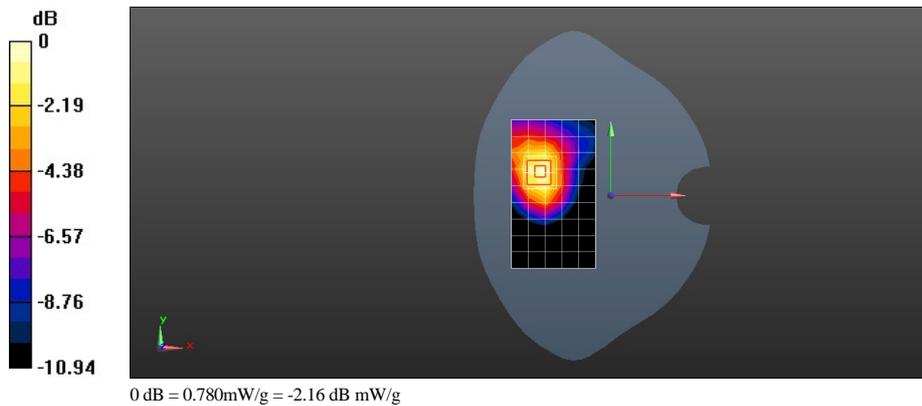
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.726 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.011 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.1150
SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.451 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.784 mW/g

0 dB = 0.780mW/g = -2.16 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA850 4182CH Rear side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.988 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
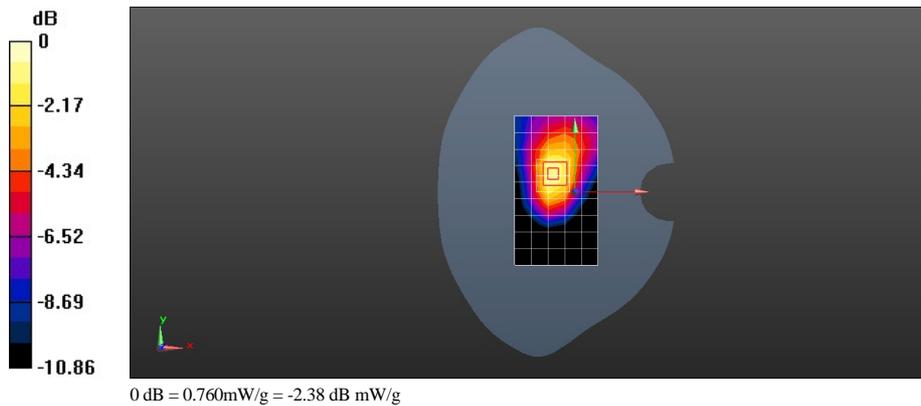Maximum value of SAR (measured) = 0.656 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.380 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.1300
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.425 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.759 mW/g

0 dB = 0.760mW/g = -2.38 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA850 4182CH Left side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.988 mho/m; $ε_r$ = 53.702; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
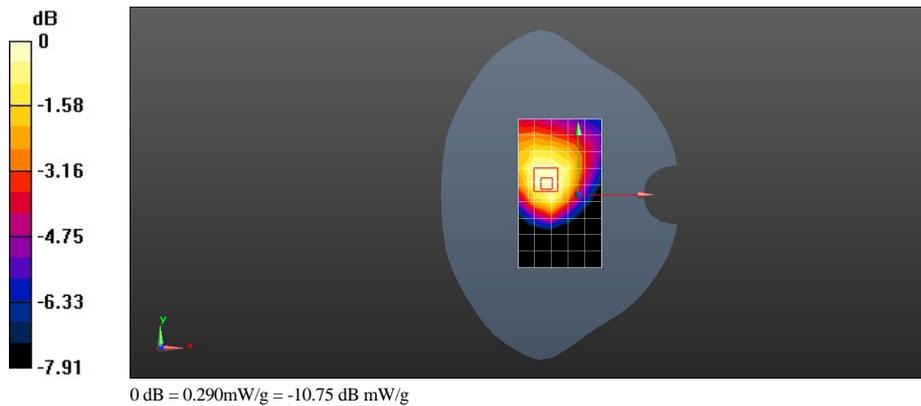Maximum value of SAR (measured) = 0.287 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.195 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.4020
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.194 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.288 mW/g

0 dB = 0.290mW/g = -10.75 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA850 4182CH Right side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.988 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
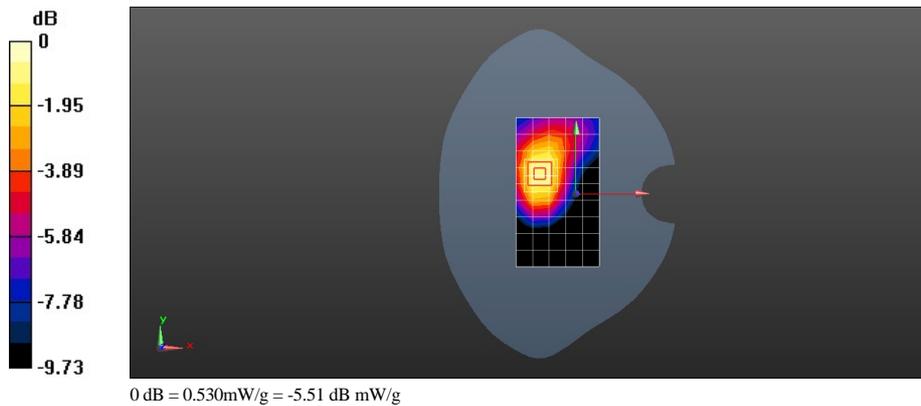Maximum value of SAR (measured) = 0.447 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.127 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.7700
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.314 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.530 mW/g

0 dB = 0.530mW/g = -5.51 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA850 4182CH Front side 5mm with HSDPA

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.988 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
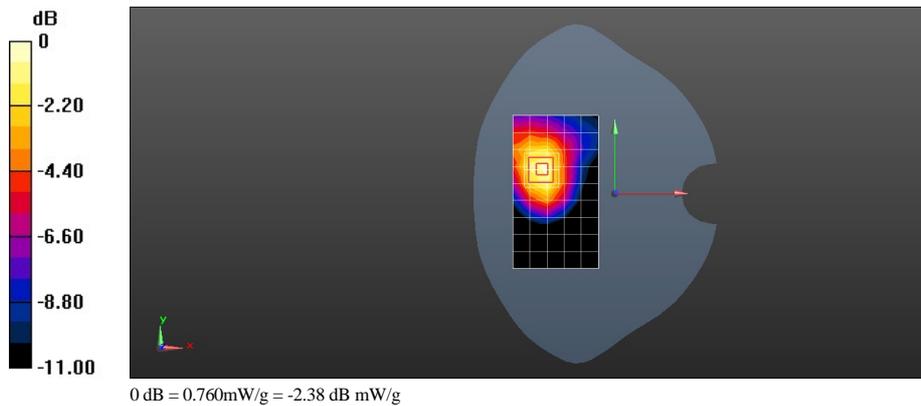Maximum value of SAR (measured) = 0.711 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.855 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.0800
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.440 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.765 mW/g

0 dB = 0.760mW/g = -2.38 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA850 4182CH Front side 5mm with HSUPA

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.988 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
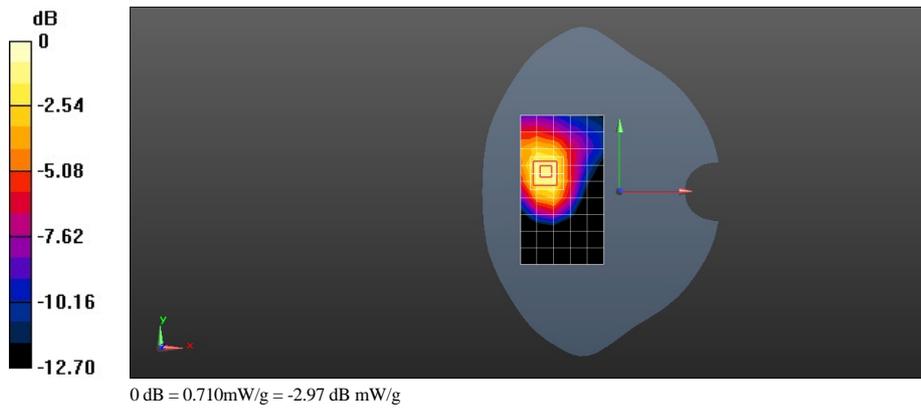Maximum value of SAR (measured) = 0.569 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.146 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.0180
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.397 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.706 mW/g

0 dB = 0.710mW/g = -2.97 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA1900 9400CH Front side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
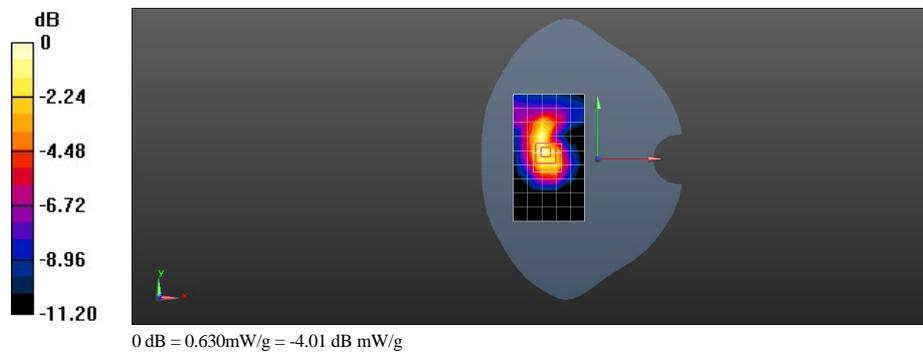Maximum value of SAR (measured) = 0.608 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.738 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.9470
SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.630 mW/g

0 dB = 0.630mW/g = -4.01 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA1900 9400CH Rear side 5mm
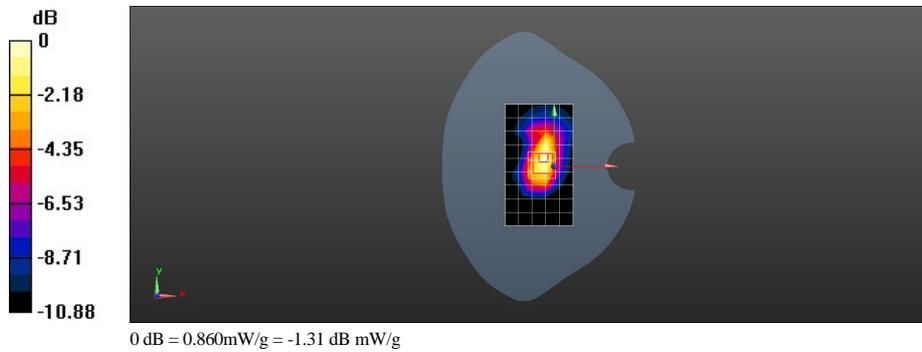
DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.832 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.004 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.4070
SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.448 mW/g
Maximum value of SAR (measured) = 0.862 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA1900 9400CH Left side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
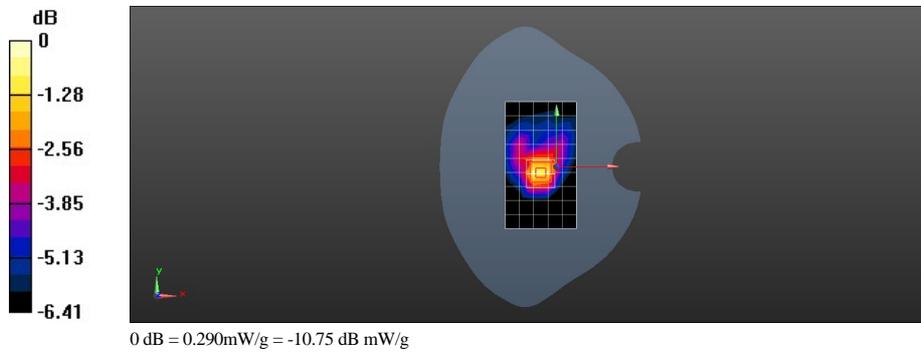Maximum value of SAR (measured) = 0.249 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.049 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.4320
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.290 mW/g

0 dB = 0.290mW/g = -10.75 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA1900 9400CH Right side 5mm

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
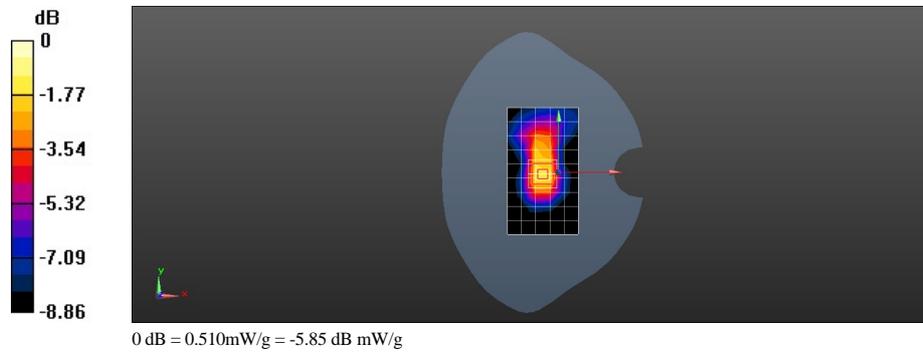
Maximum value of SAR (measured) = 0.376 mW/g

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

Reference Value = 18.212 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.7470

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 0.507 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA1900 9400CH Rear side 5mm with HSDPA

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
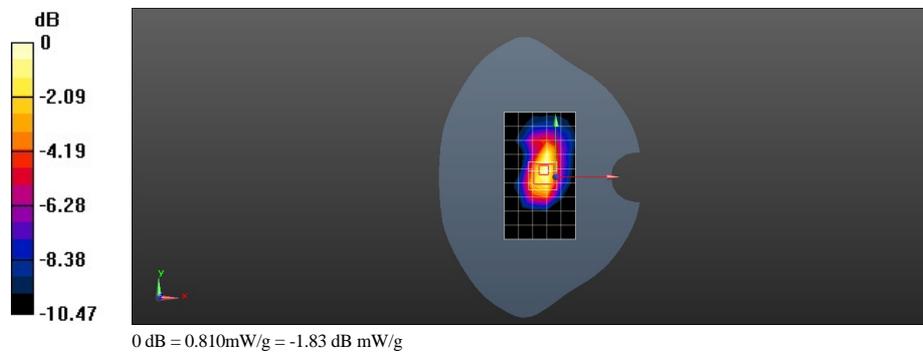Maximum value of SAR (measured) = 0.773 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.265 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.2930
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.426 mW/g
Maximum value of SAR (measured) = 0.813 mW/g

0 dB = 0.810mW/g = -1.83 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303Ms-6 WCDMA1900 9400CH Rear side 5mm with HSUPA

DUT: E303Ms-6; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); 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: 2011-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2011-11-16
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.683 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.222 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.1850
SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.756 mW/g

0 dB = 0.760mW/g = -2.38 dB mW/g