Appendix B. SAR Measurement Plots

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GSM 850 Hz Body
GSM 1900MHz Body
WCDMA 1900MHz Body

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 1TS 190CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 56.557; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
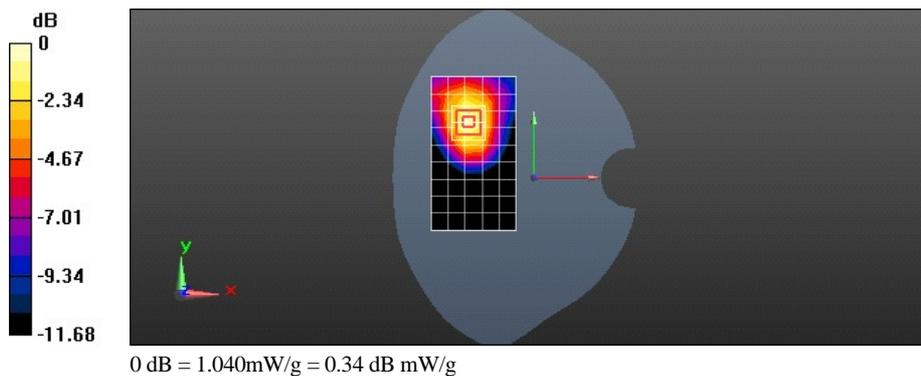Maximum value of SAR (measured) = 0.935 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.601 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.4350
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.592 mW/g
Maximum value of SAR (measured) = 1.038 mW/g

0 dB = 1.040mW/g = 0.34 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 190CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 56.557; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
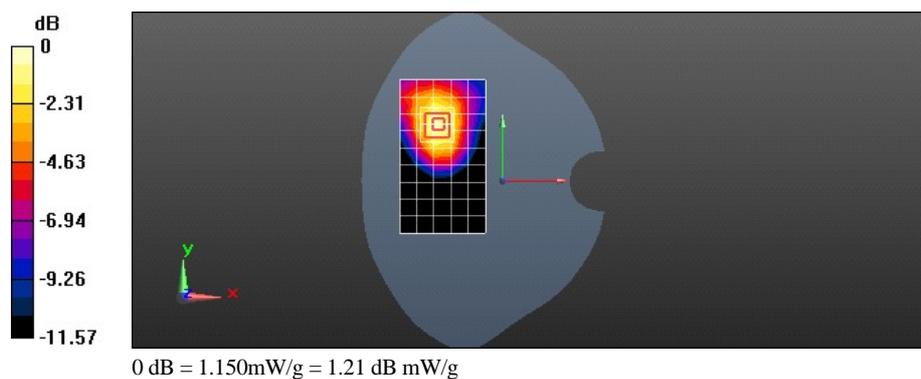
Maximum value of SAR (measured) = 1.056 mW/g

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

Reference Value = 3.885 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.5940

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.669 mW/g

Maximum value of SAR (measured) = 1.145 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 3TS 190CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 56.557; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
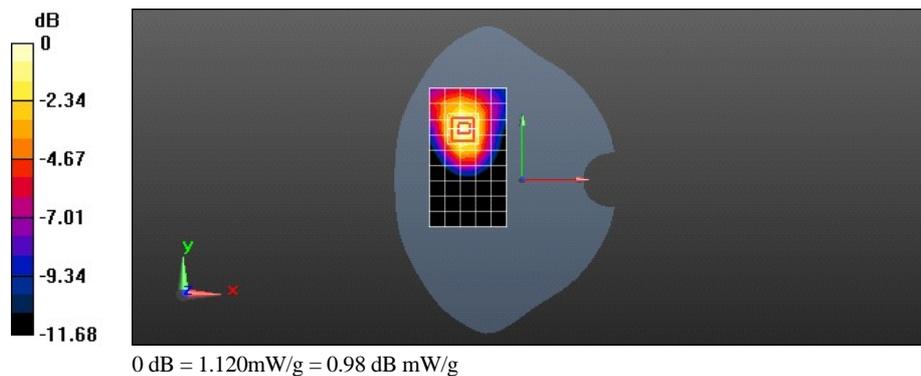Maximum value of SAR (measured) = 1.017 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.740 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.5910
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.644 mW/g
Maximum value of SAR (measured) = 1.117 mW/g

0 dB = 1.120mW/g = 0.98 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 4TS 190CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 56.557; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
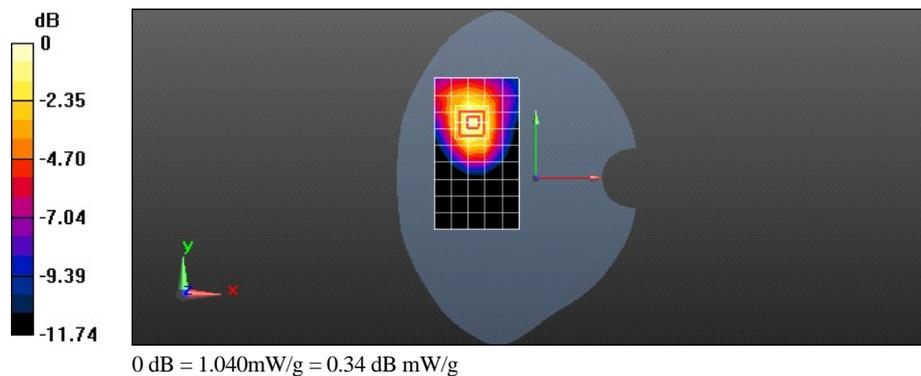Maximum value of SAR (measured) = 0.948 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.658 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.4970
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.600 mW/g
Maximum value of SAR (measured) = 1.041 mW/g

0 dB = 1.040mW/g = 0.34 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 1TS 251CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 1.004 mho/m; $ε_r$ = 56.432; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
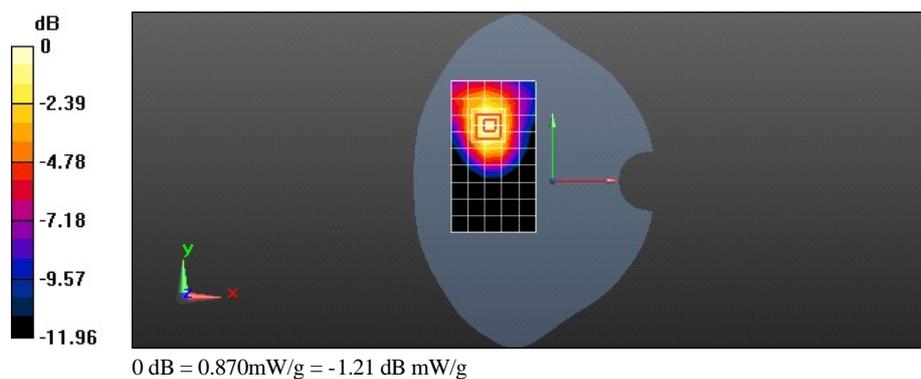Maximum value of SAR (measured) = 0.795 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.396 V/m; Power Drift = 0.0035 dB
Peak SAR (extrapolated) = 1.2080
SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.869 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 1TS 128CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.979 mho/m; ε_r = 56.624; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.999 mW/g

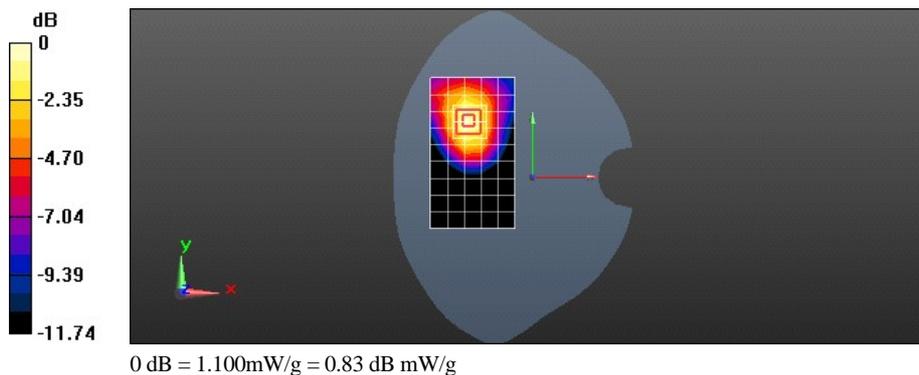**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.742 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.5800
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.631 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.098 mW/g

0 dB = 1.100mW/g = 0.83 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 251CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; 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 = 56.432; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
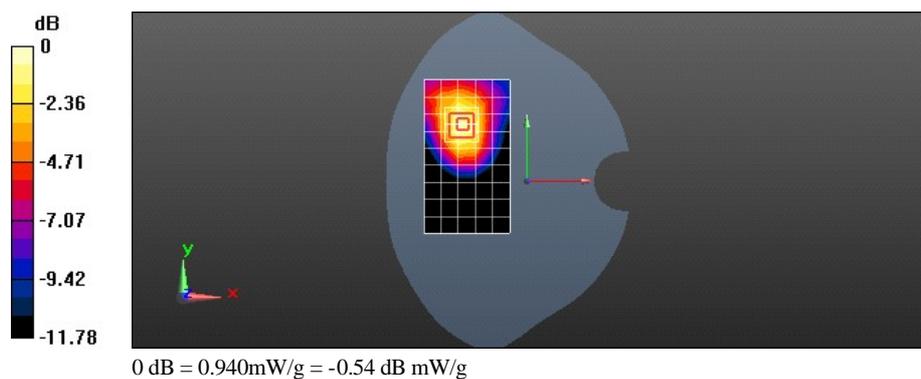
Maximum value of SAR (measured) = 0.852 mW/g

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

Reference Value = 3.437 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.3460

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 0.939 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 128CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.979 mho/m; ε_r = 56.624; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.140 mW/g
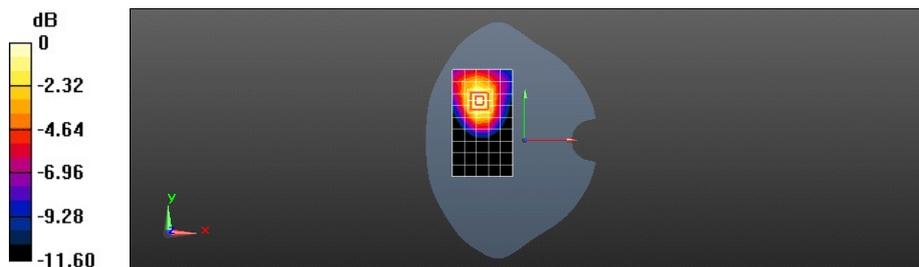
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
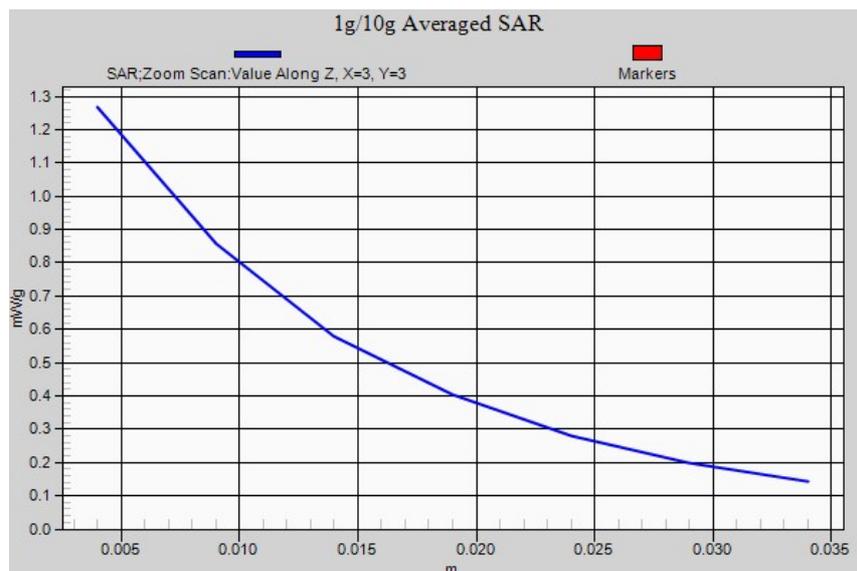Reference Value = 4.041 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.7070
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.736 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.267 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 3TS 251CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 848.8 MHz

Medium parameters used: f = 849 MHz; σ = 1.004 mho/m; ε_r = 56.432; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.796 mW/g

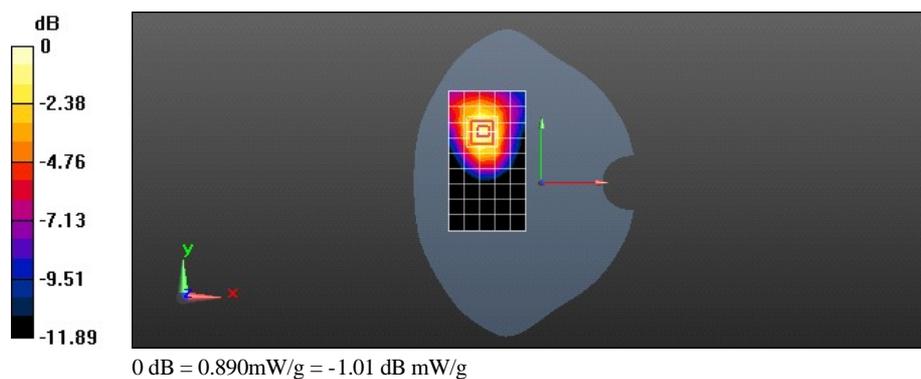**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.276 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.2300

SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 0.886 mW/g

0 dB = 0.890mW/g = -1.01 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 3TS 128CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.979 mho/m; ε_r = 56.624; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.042 mW/g

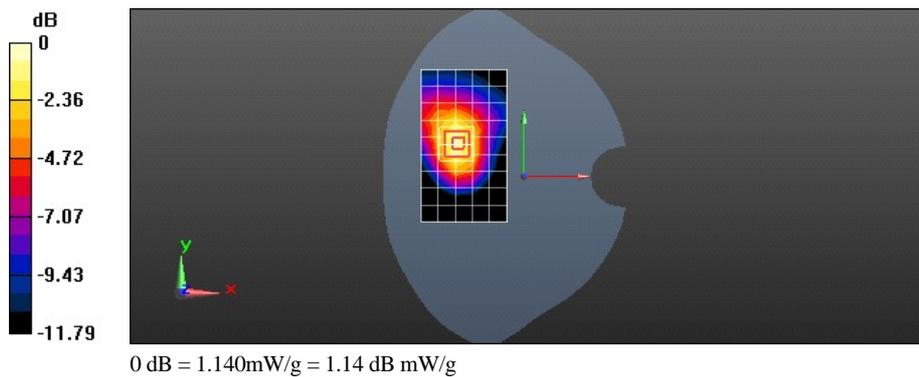**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.957 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.5720
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.657 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.141 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 4TS 251CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 1.004$ mho/m; $\varepsilon_r = 56.432$; $\rho = 1000$ 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
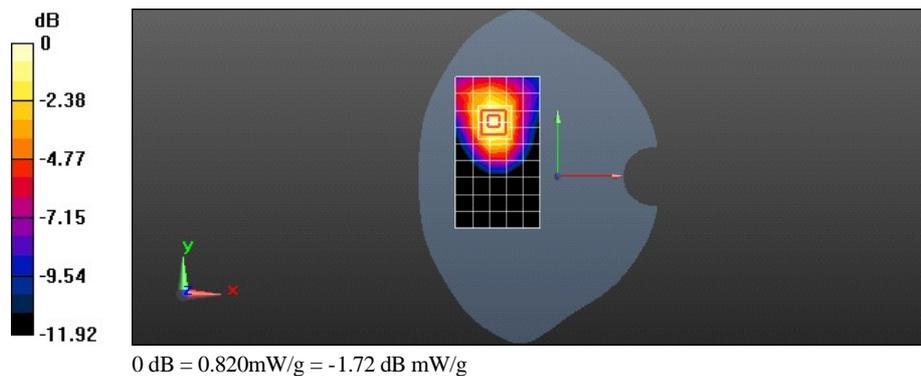
Maximum value of SAR (measured) = 0.749 mW/g

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

Reference Value = 4.050 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.1540

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.819 mW/g

0 dB = 0.820mW/g = -1.72 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 4TS 128CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.979 mho/m; ε_r = 56.624; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.054 mW/g

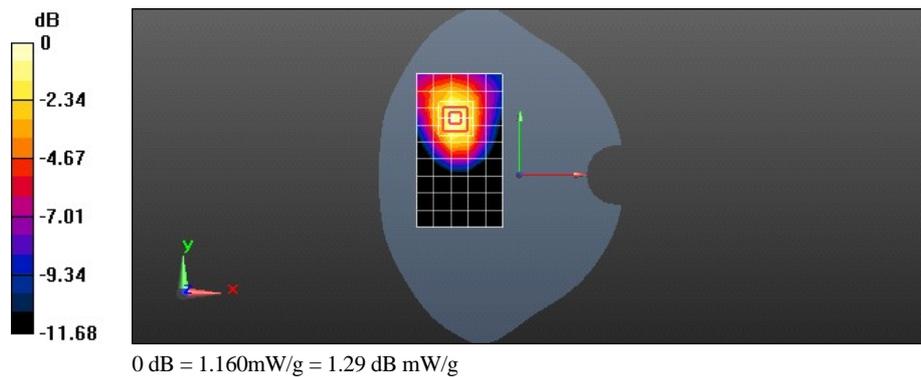**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.839 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.5890
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.675 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.163 mW/g

0 dB = 1.160mW/g = 1.29 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 190CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 56.557; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
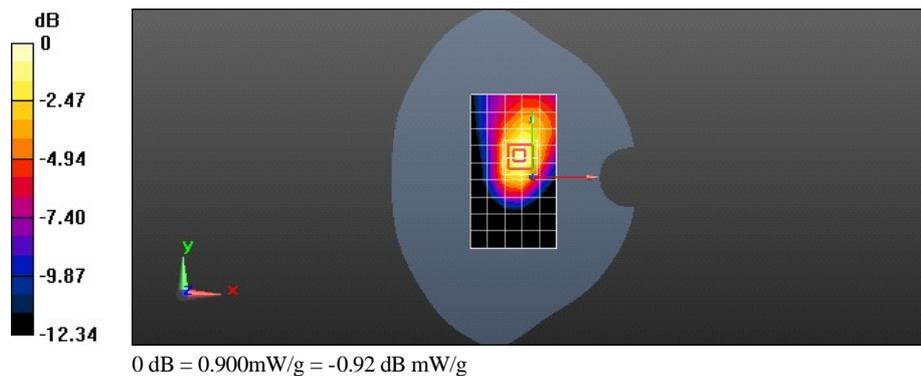Maximum value of SAR (measured) = 0.822 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.538 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.3620
SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.497 mW/g
Maximum value of SAR (measured) = 0.900 mW/g

0 dB = 0.900mW/g = -0.92 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 251CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; 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 = 56.432; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
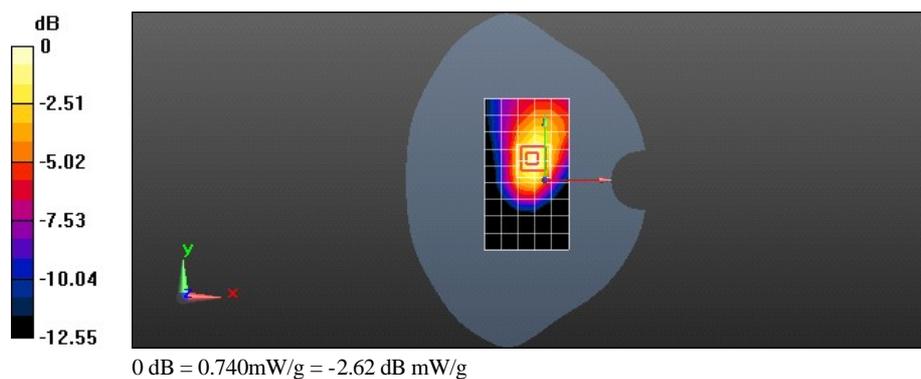
Maximum value of SAR (measured) = 0.683 mW/g

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

Reference Value = 21.021 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.0600

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 0.738 mW/g

0 dB = 0.740mW/g = -2.62 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 128CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.979 mho/m; $ε_r$ = 56.624; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.924 mW/g

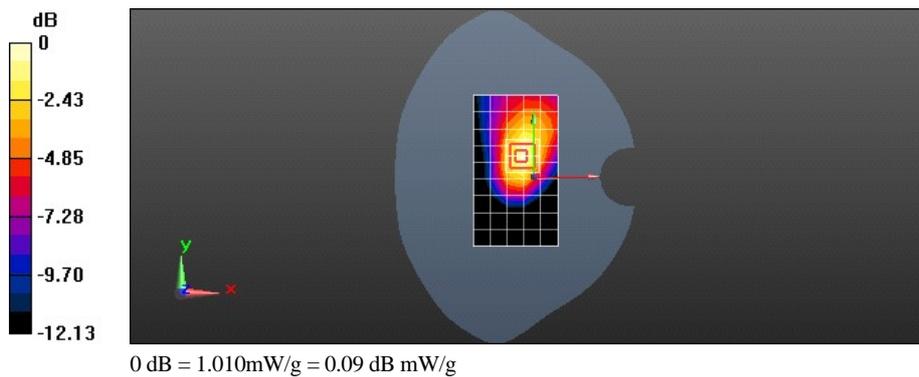**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.717 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.4310
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.555 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.011 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 190CH Left side 5mm
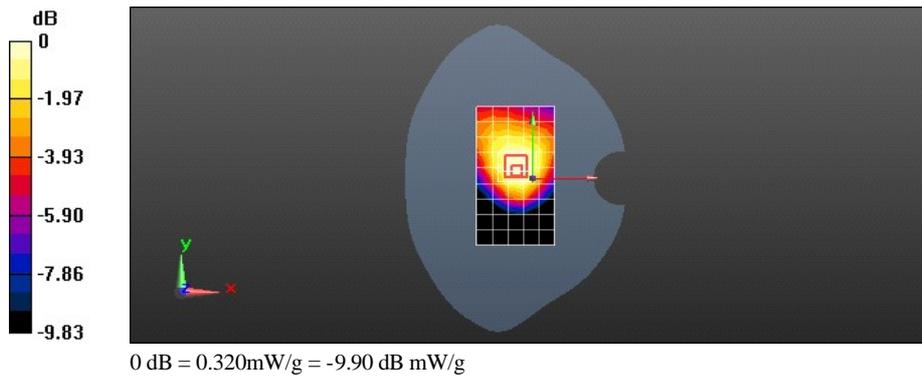
DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ mho/m; $\varepsilon_r = 56.557$; $\rho = 1000$ 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.310 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.489 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.4350
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.315 mW/g

0 dB = 0.320mW/g = -9.90 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM850 GPRS 2TS 190CH Right side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 56.557; 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm
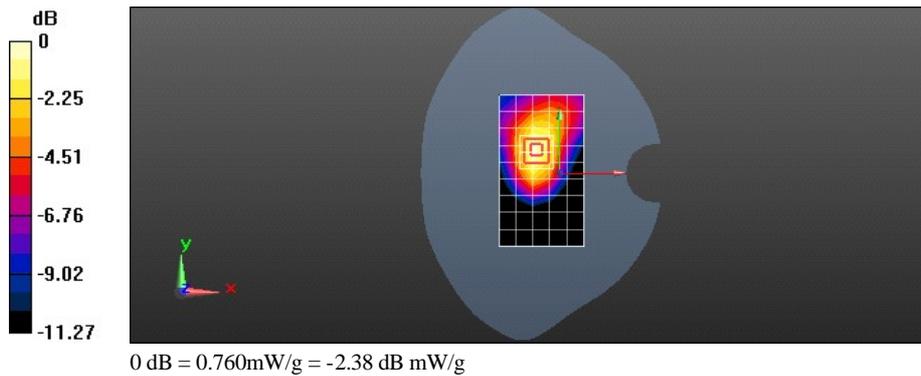Maximum value of SAR (measured) = 0.715 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.106 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.1380
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 0.763 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 1TS 661CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
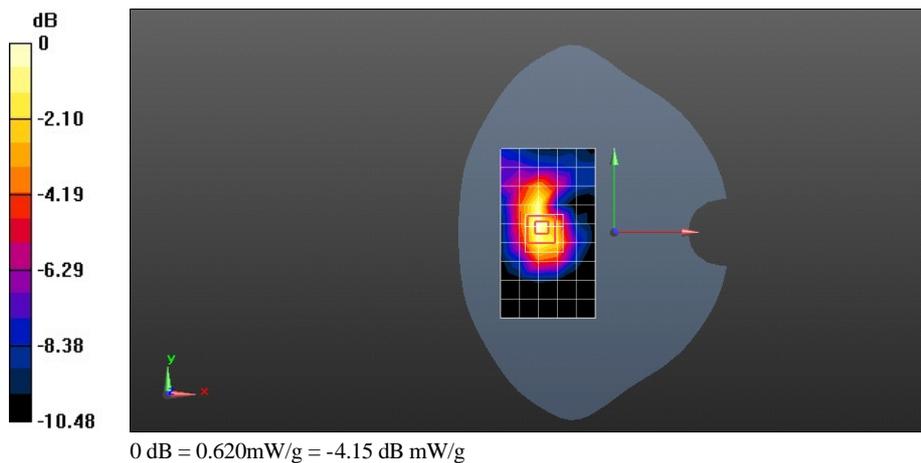Maximum value of SAR (measured) = 0.625 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.135 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.9750
SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.623 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 2TS 661CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
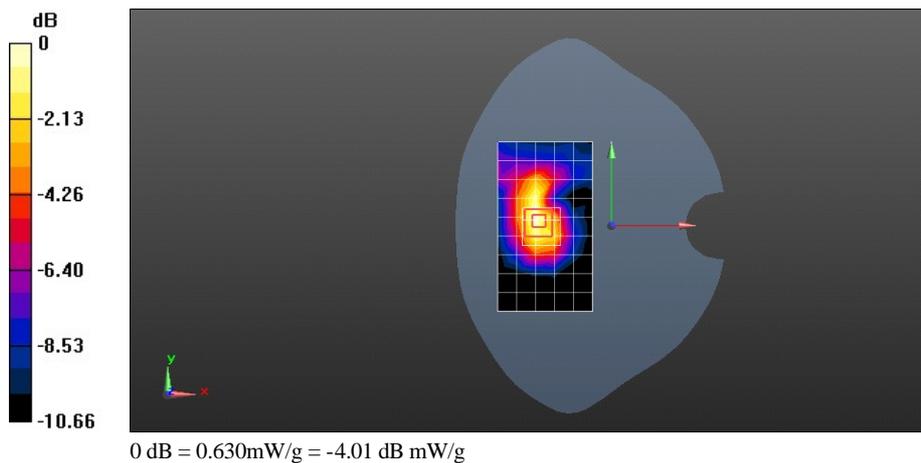Maximum value of SAR (measured) = 0.634 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.028 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.9680
SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.626 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 3TS 661CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; $ε_r$ = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
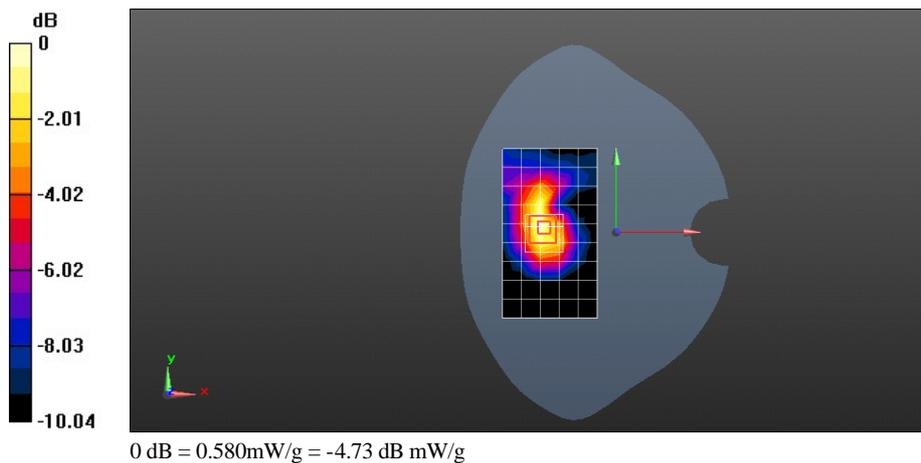Maximum value of SAR (measured) = 0.573 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.981 V/m; Power Drift = -0.0049 dB
Peak SAR (extrapolated) = 0.9020
SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.315 mW/g
Maximum value of SAR (measured) = 0.582 mW/g

0 dB = 0.580mW/g = -4.73 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 4TS 661CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
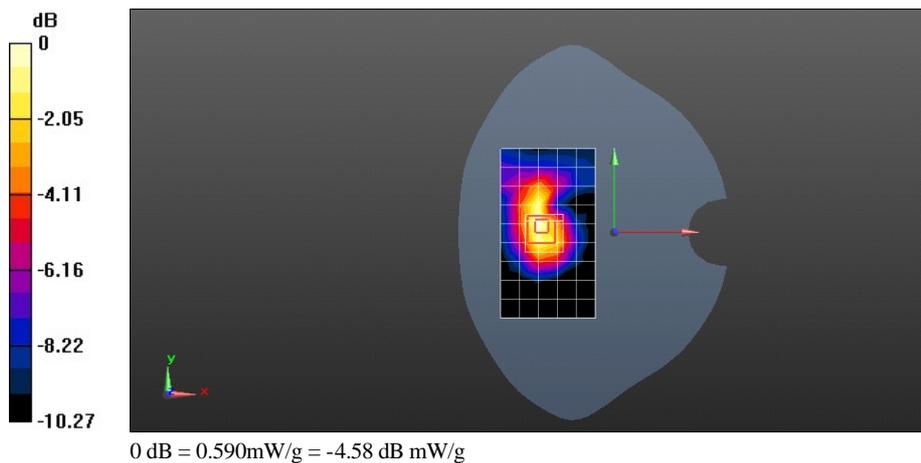Maximum value of SAR (measured) = 0.598 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.306 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.9050
SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.589 mW/g

0 dB = 0.590mW/g = -4.58 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 2TS 661CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
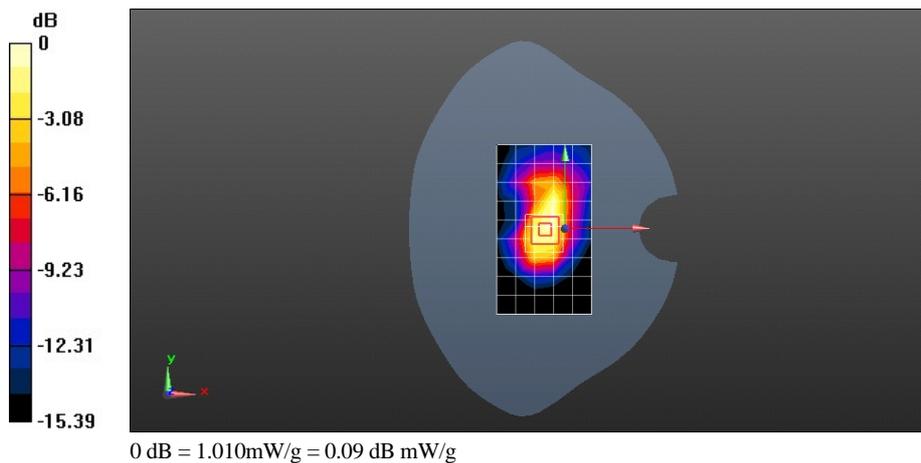Maximum value of SAR (measured) = 0.884 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.758 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.6030
SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 1.013 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 2TS 661CH Left side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
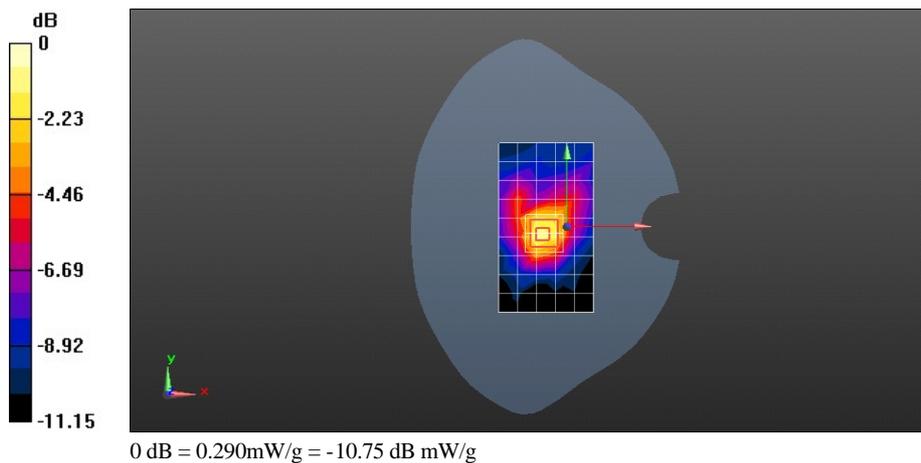
Maximum value of SAR (measured) = 0.249 mW/g

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

Reference Value = 12.878 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.4860

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.294 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 2TS 661CH Right side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; $ε_r$ = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
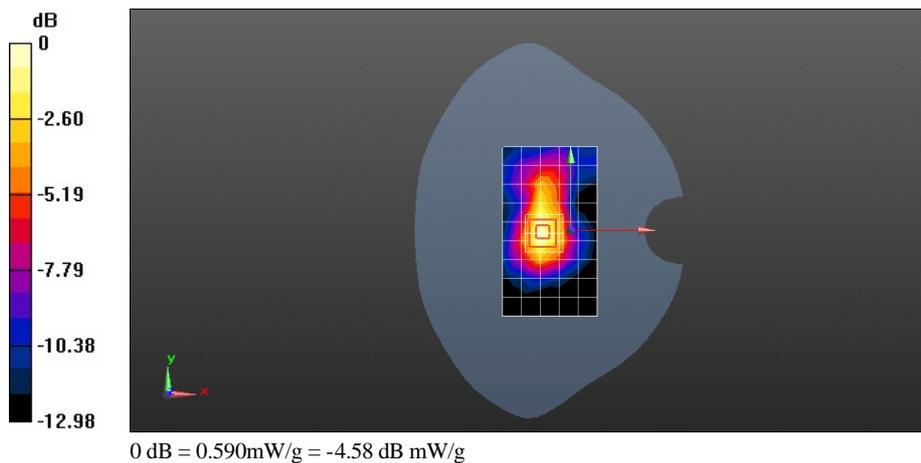Maximum value of SAR (measured) = 0.532 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.958 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.9620
SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.589 mW/g

0 dB = 0.590mW/g = -4.58 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 2TS 810CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

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

Medium parameters used: f = 1910 MHz; σ = 1.554 mho/m; ε_r = 52.97; 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 Sn1236; Calibrated: 11/11/2011
- 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) = 0.637 mW/g

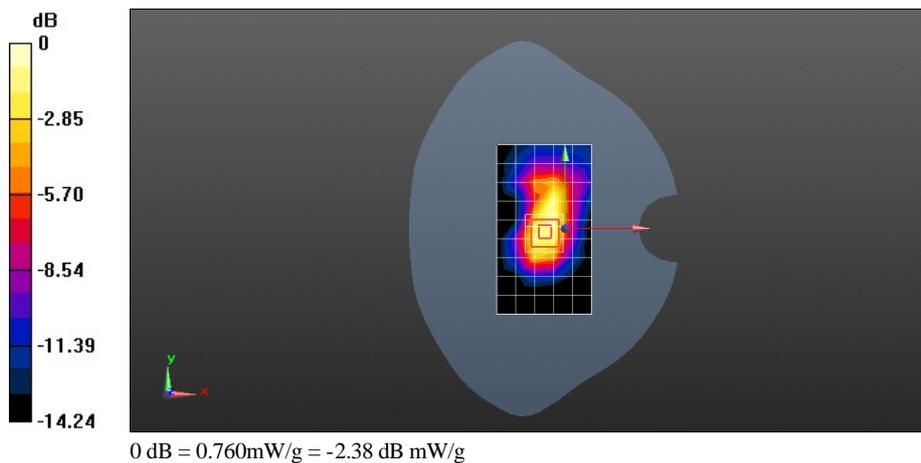**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.705 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.2190

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.756 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 GSM1900 GPRS 2TS 512CH Rear side 5mm

DUT: E303s-63; 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 = 1.488 mho/m; ε_r = 53.206; 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 Sn1236; Calibrated: 11/11/2011
- 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) = 1.147 mW/g

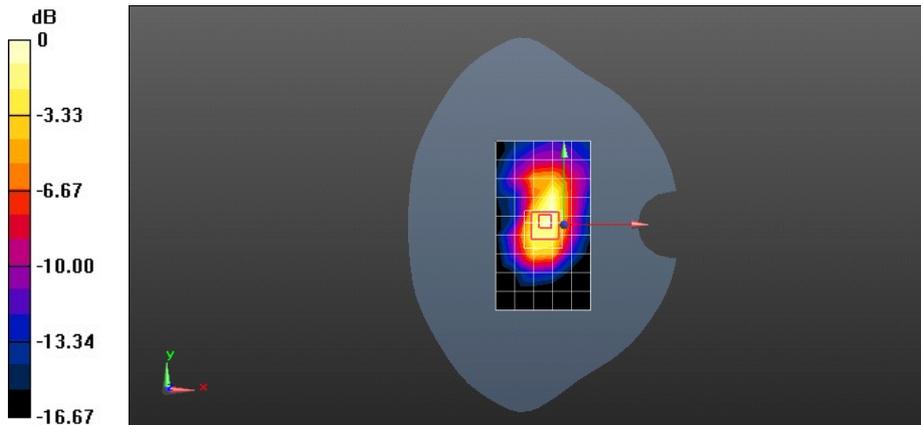**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.757 V/m; Power Drift = 0.02 dB
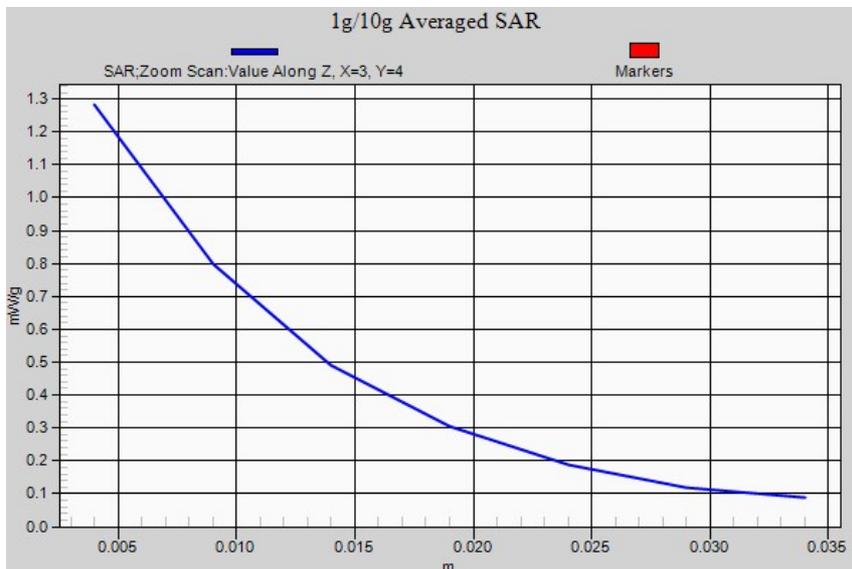Peak SAR (extrapolated) = 2.0030
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.647 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.282 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 WCDMA1900 9400CH Front side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
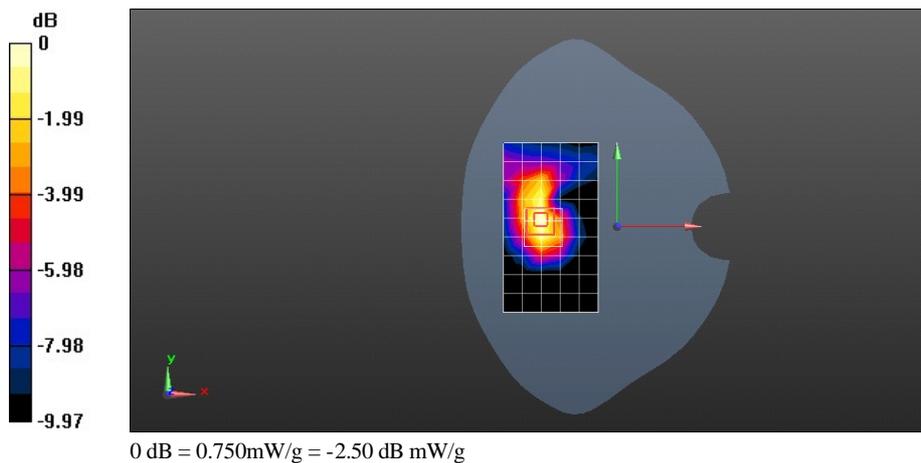
Maximum value of SAR (measured) = 0.774 mW/g

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

Reference Value = 6.714 V/m; Power Drift = -0.0059 dB

Peak SAR (extrapolated) = 1.1670

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 0.752 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 WCDMA1900 9400CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
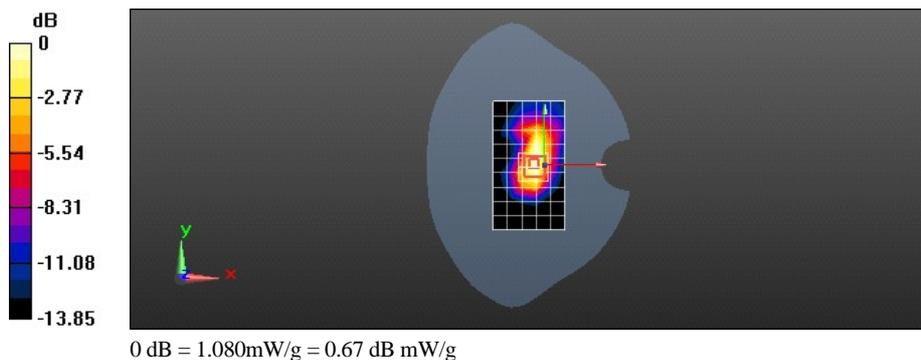Maximum value of SAR (measured) = 1.076 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.519 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.7630
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.543 mW/g
Maximum value of SAR (measured) = 1.083 mW/g

0 dB = 1.080mW/g = 0.67 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 WCDMA1900 9538CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.554 mho/m; ε_r = 52.97; 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 Sn1236; Calibrated: 11/11/2011
- 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
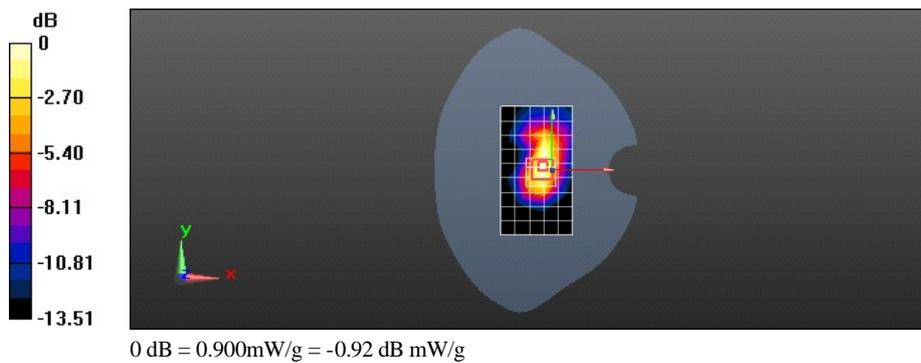
Maximum value of SAR (measured) = 0.917 mW/g

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

Reference Value = 22.285 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.5150

SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 0.900 mW/g

0 dB = 0.900mW/g = -0.92 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 WCDMA1900 9262CH Rear side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1852.4 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.489 mho/m; ε_r = 53.192; 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 Sn1236; Calibrated: 11/11/2011
- 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) = 0.729 mW/g

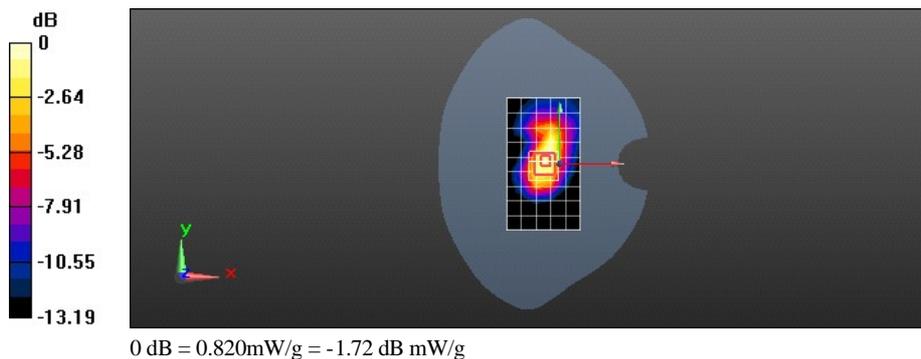**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.651 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.3210
SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.419 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.817 mW/g

0 dB = 0.820mW/g = -1.72 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 WCDMA1900 9400CH Left side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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

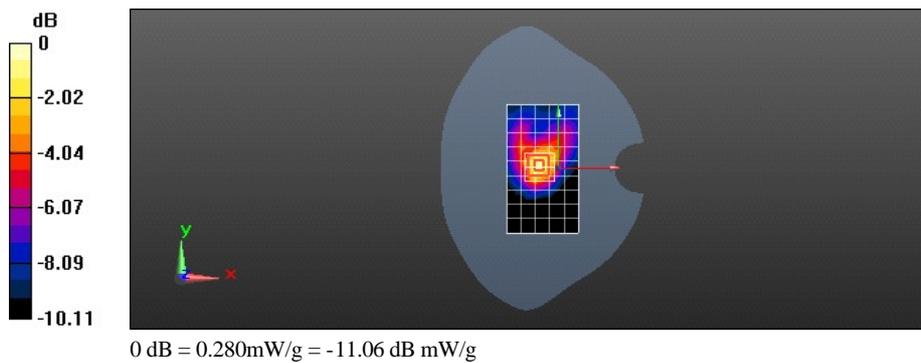**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.710 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.4620
SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.279 mW/g

0 dB = 0.280mW/g = -11.06 dB mW/g

Test Laboratory: HUAWEI SAR Lab

E303s-63 WCDMA1900 9400CH Right side 5mm

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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
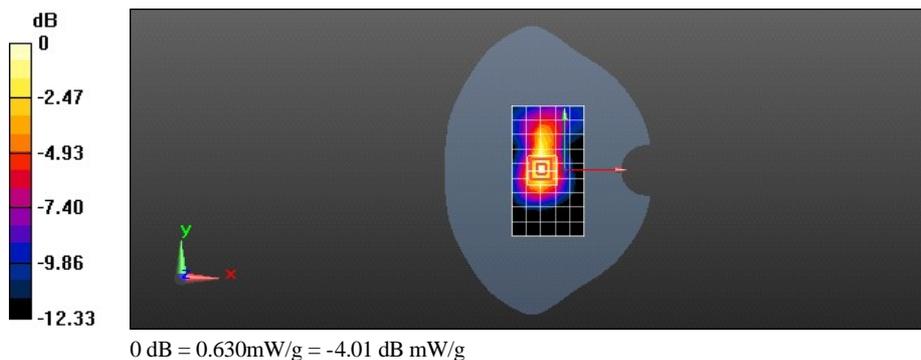Maximum value of SAR (measured) = 0.600 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.760 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.0030
SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.627 mW/g

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

Test Laboratory: HUAWEI SAR Lab

E303s-63 WCDMA1900 9400CH Rear side 5mm with HSDPA

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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

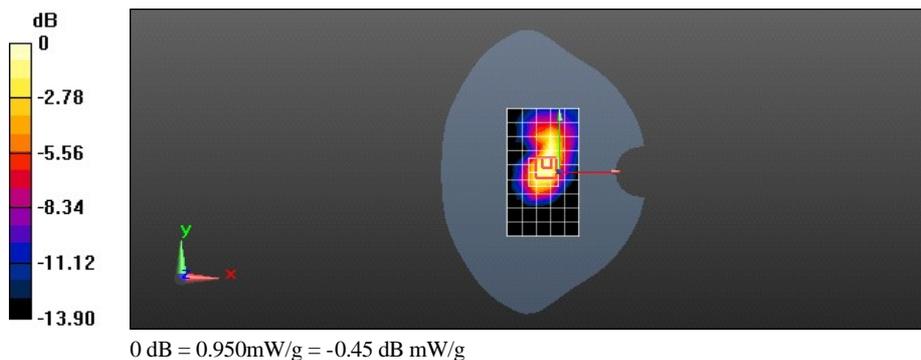**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.593 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.5510

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.466 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

E303s-63 WCDMA1900 9400CH Rear side 5mm with HSUPA

DUT: E303s-63; Type: HSPA USB Stick; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 53.13; 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 Sn1236; Calibrated: 11/11/2011
- 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 = 25.533 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.5320
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.471 mW/g
Maximum value of SAR (measured) = 0.932 mW/g

0 dB = 0.930mW/g = -0.63 dB mW/g