



Appendix B. SAR Measurement Plots

Table of contents
GSM 850 MHz Body
GSM 1900 MHz Body
WCDMA 850 MHz Body
WCDMA 1700 MHz Body
WCDMA 1900 MHz Body

Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 1TS 128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.945 mW/g

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

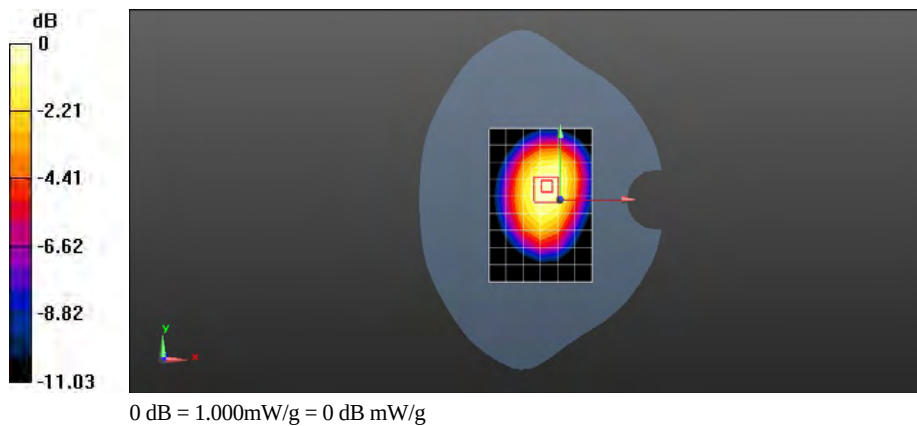
Reference Value = 31.055 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.2540

SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.670 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.999 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 1TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.874 mW/g

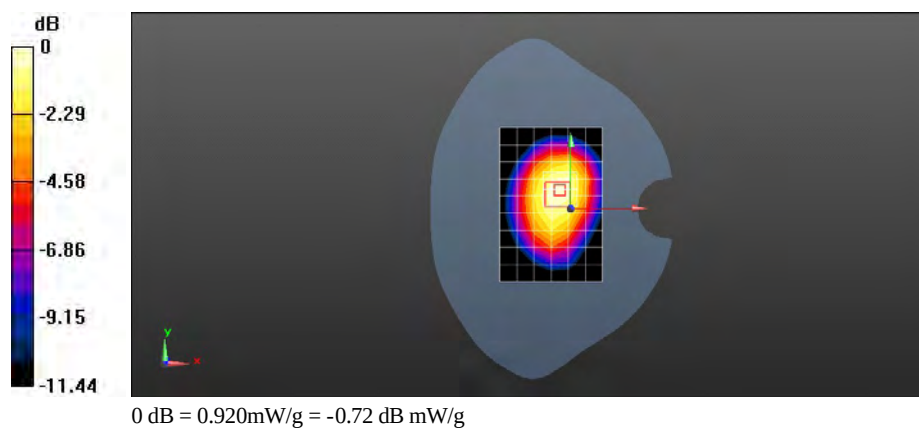
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.385 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.2150

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 0.917 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 1TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.024 mW/g

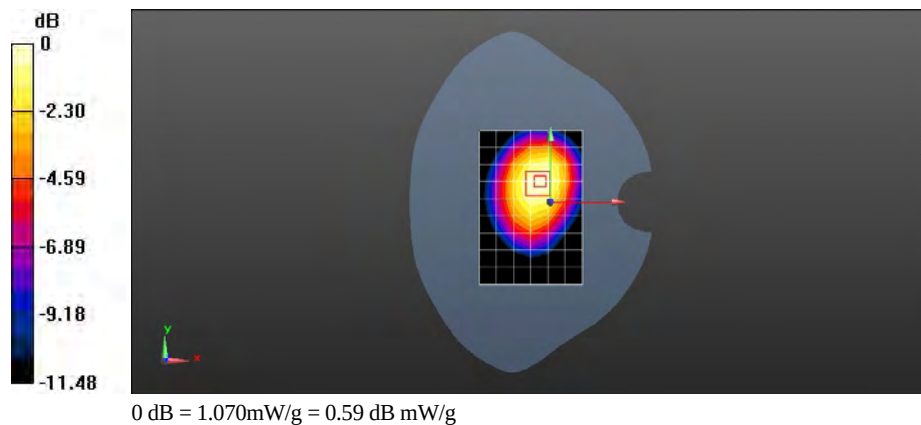
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.358 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.3890

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

Maximum value of SAR (measured) = 1.071 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 2TS 128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.158 mW/g

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

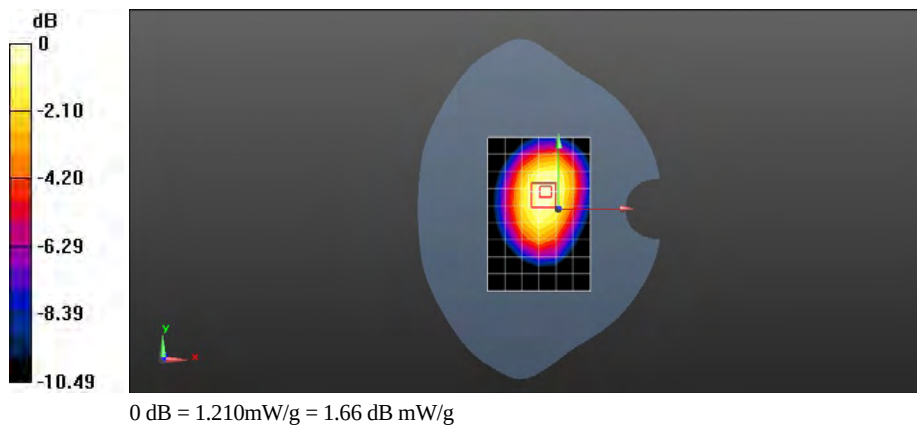
Reference Value = 33.474 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.5560

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.817 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.211 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 2TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.039 mW/g

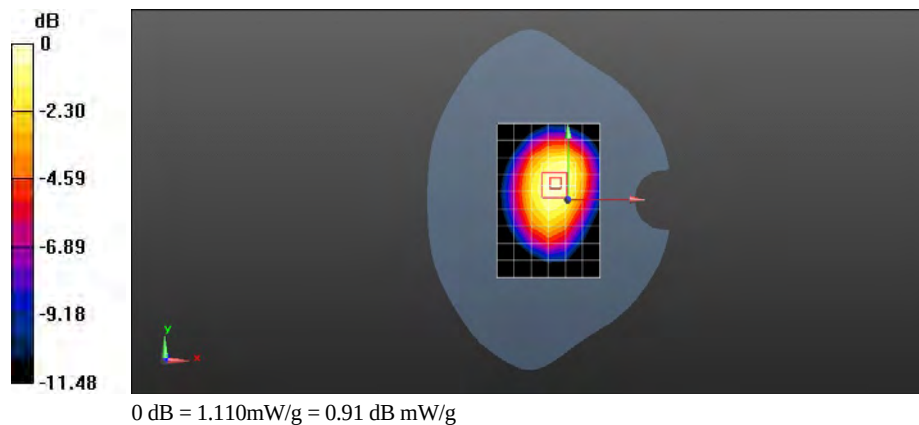
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 31.515 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.4070

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.737 mW/g

Maximum value of SAR (measured) = 1.109 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 2TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.236 mW/g

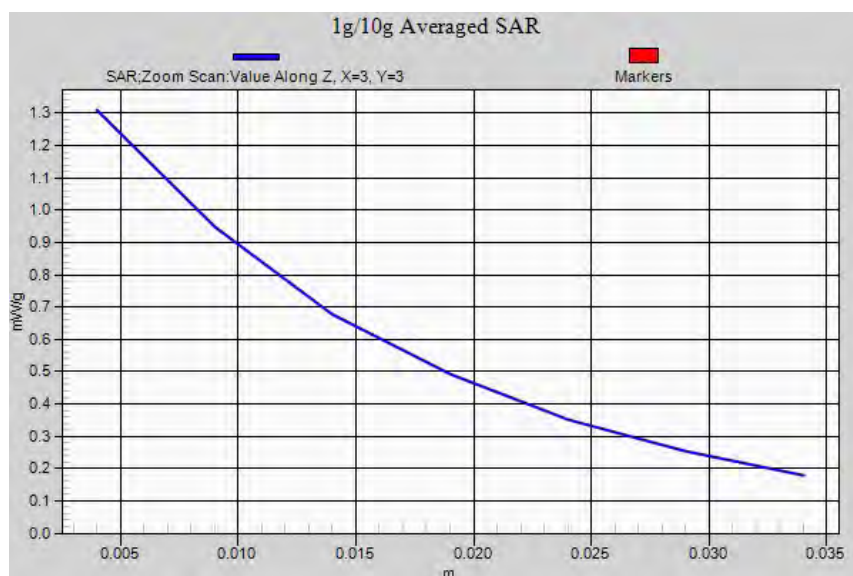
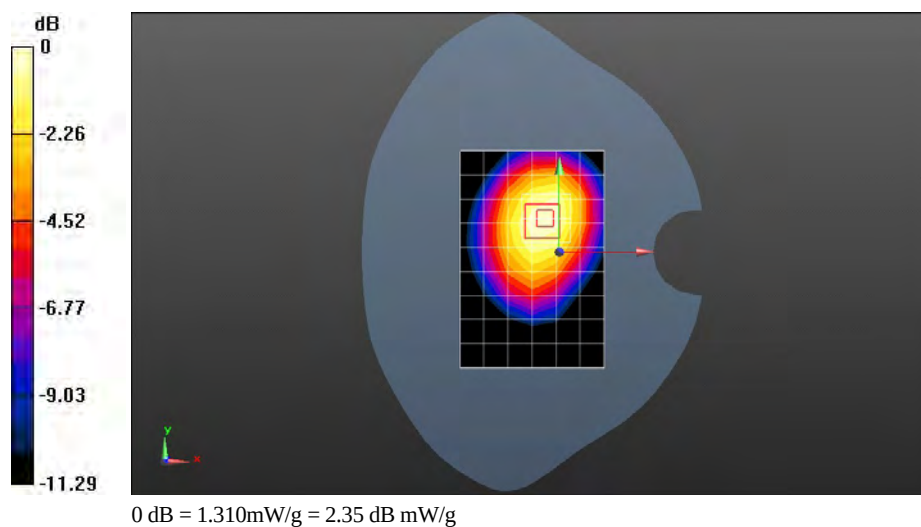
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 31.344 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.7010

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.857 mW/g

Maximum value of SAR (measured) = 1.309 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 3TS 128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.106 mW/g

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

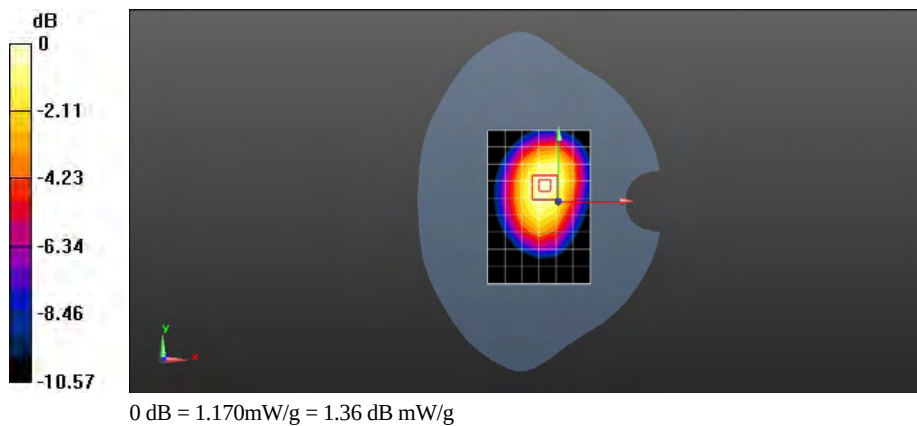
Reference Value = 32.902 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4900

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.781 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.168 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 3TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.016 mW/g

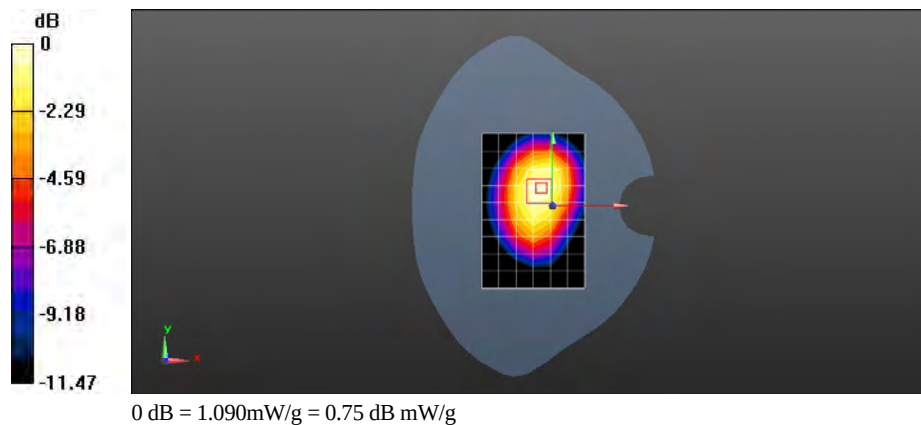
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.840 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.4600

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.717 mW/g

Maximum value of SAR (measured) = 1.087 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 3TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.201 mW/g

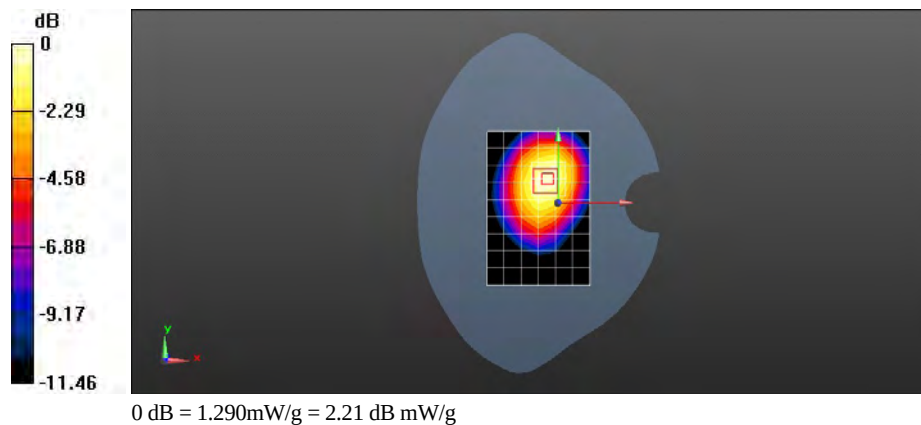
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.705 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.7360

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.830 mW/g

Maximum value of SAR (measured) = 1.287 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 4TS 128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.948 mW/g

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

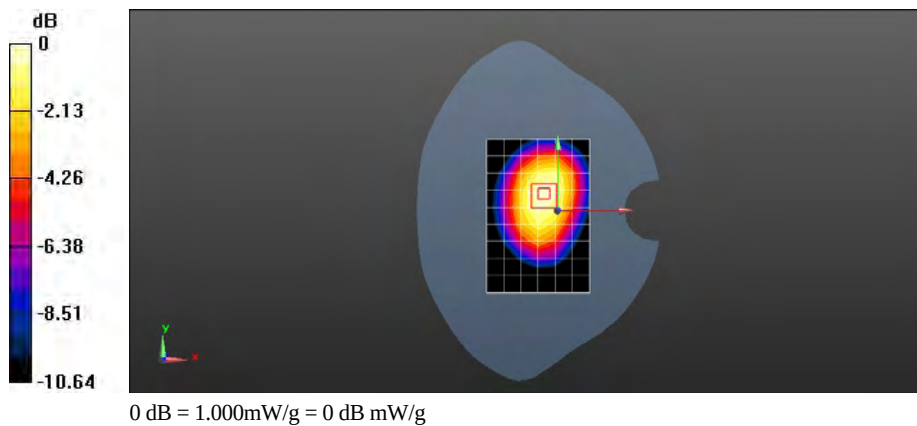
Reference Value = 30.408 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.2680

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.665 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.997 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 4TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.864 mW/g

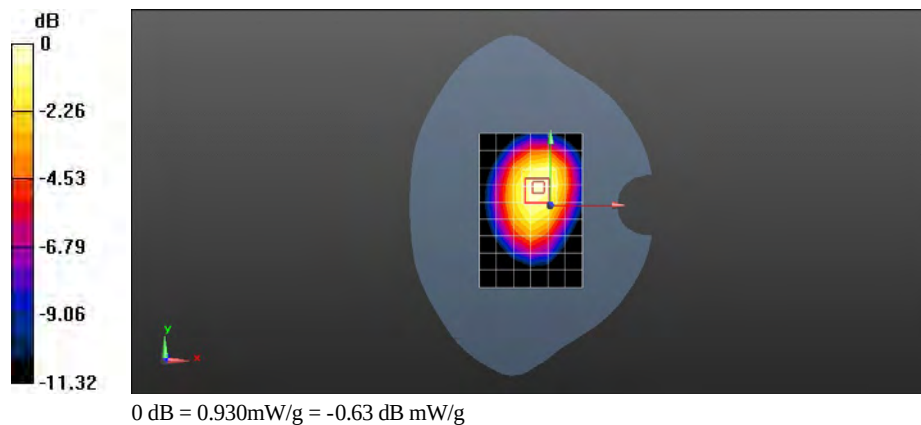
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.272 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.2270

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 0.926 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 4TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.021 mW/g

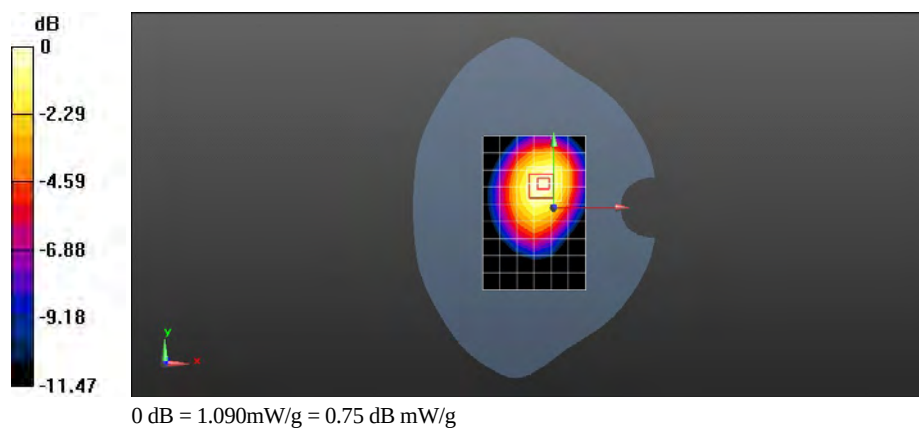
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.438 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4690

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.704 mW/g

Maximum value of SAR (measured) = 1.090 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 2TS 190CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.770 mW/g

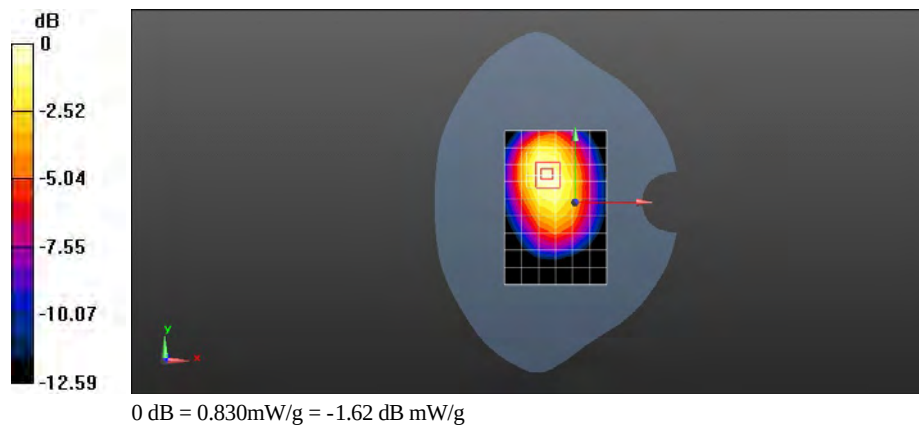
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.789 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.1590

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.522 mW/g

Maximum value of SAR (measured) = 0.827 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 2TS 190CH Left side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.563 mW/g

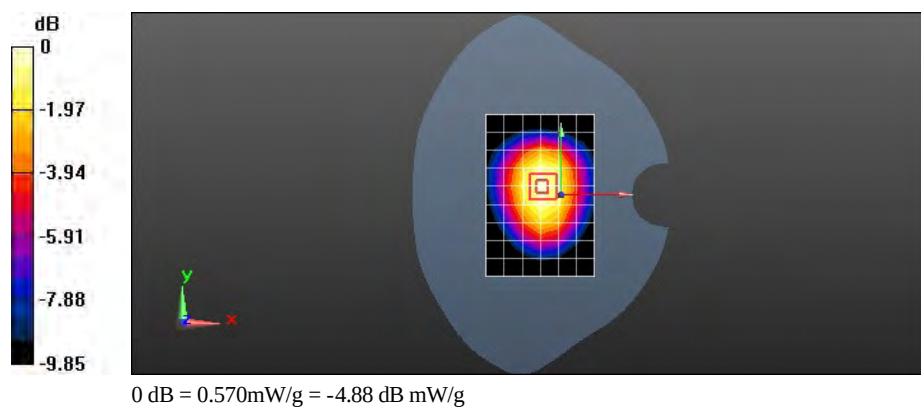
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.655 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.7590

SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.568 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 2TS 190CH Right side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.402 mW/g

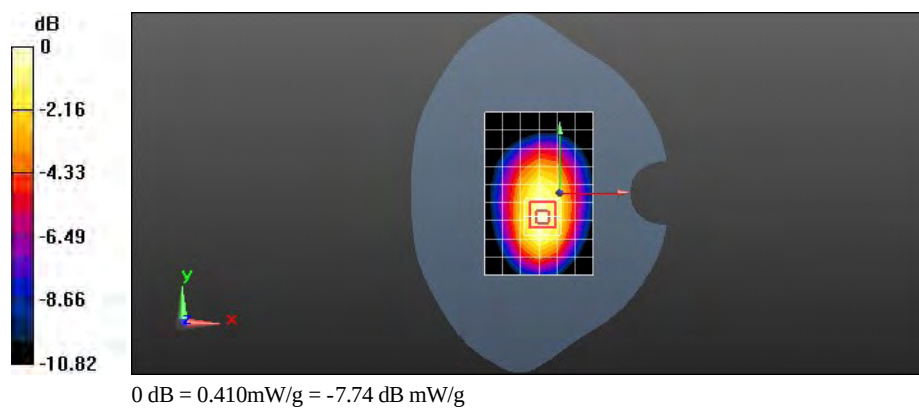
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.872 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.5430

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.407 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 GPRS 2TS 190CH Top side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.074 mW/g

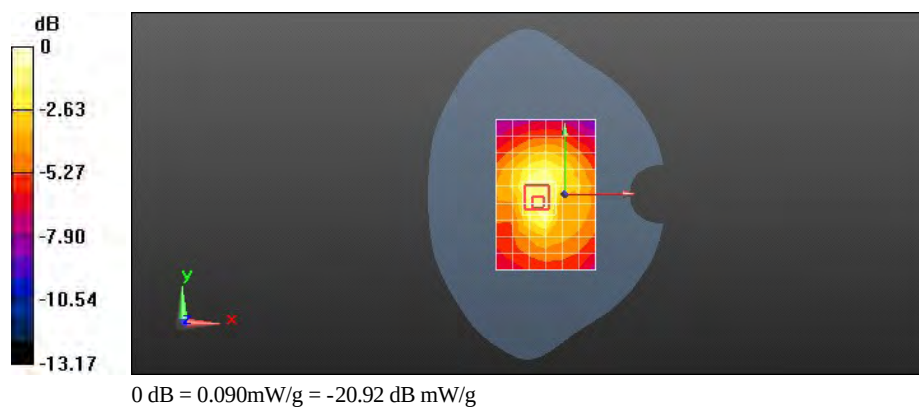
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.656 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.1460

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.093 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 1TS 128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.961 mW/g

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

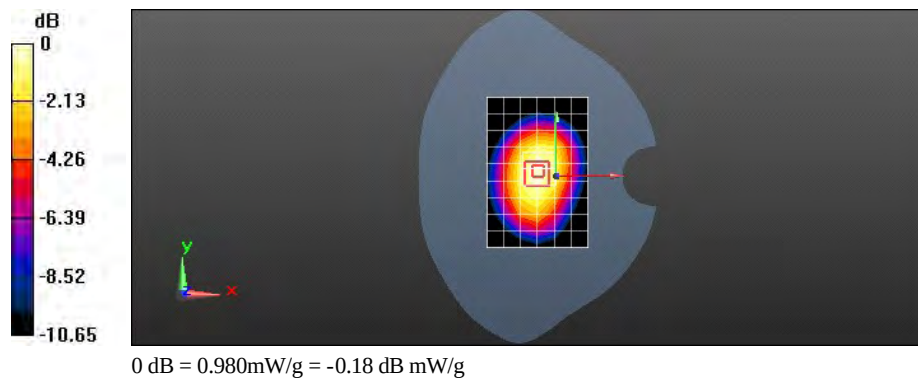
Reference Value = 31.726 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.2100

SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.657 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.978 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 1TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.951 mW/g

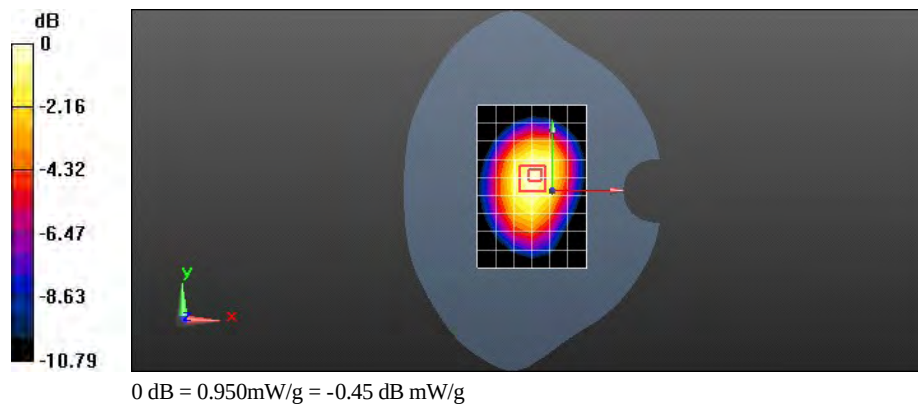
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.820 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.2730

SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.627 mW/g

Maximum value of SAR (measured) = 0.950 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 1TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.055 mW/g

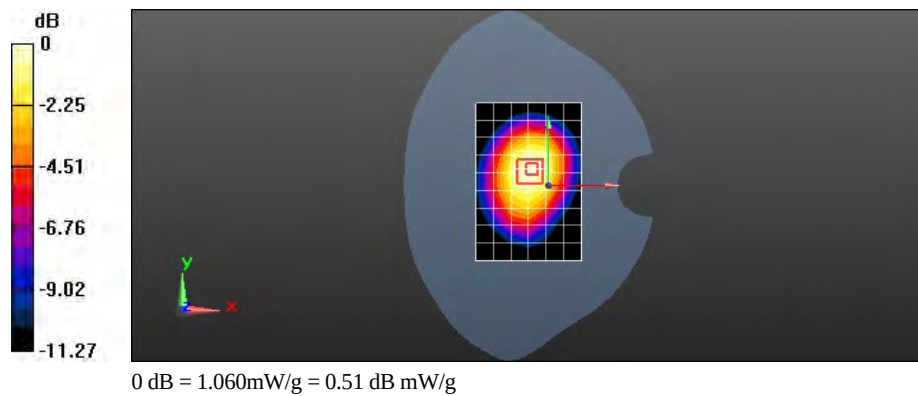
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.803 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.3800

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.684 mW/g

Maximum value of SAR (measured) = 1.062 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 2TS 128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.163 mW/g

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

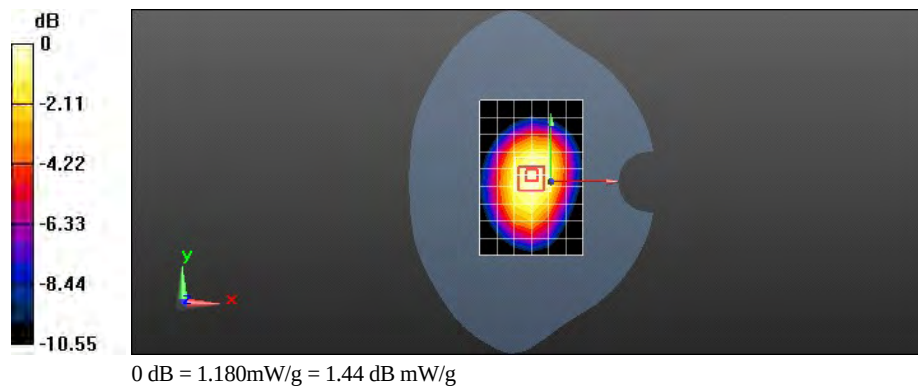
Reference Value = 35.032 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.4790

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.802 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.183 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 2TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.149 mW/g

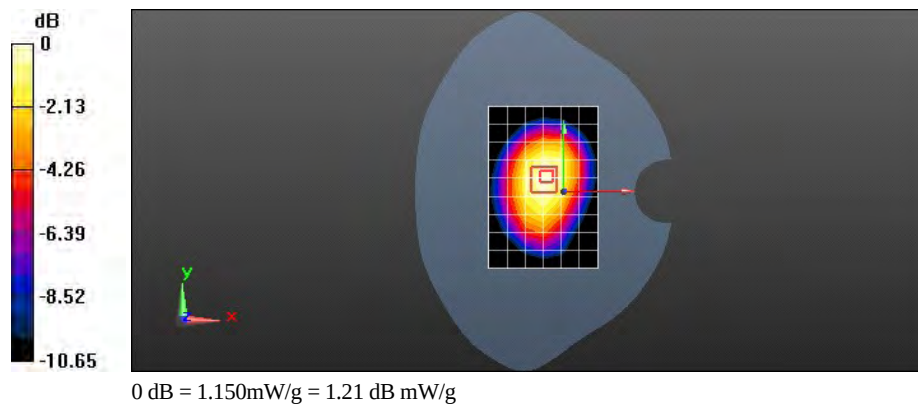
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.875 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.5270

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.766 mW/g

Maximum value of SAR (measured) = 1.151 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 2TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.301 mW/g

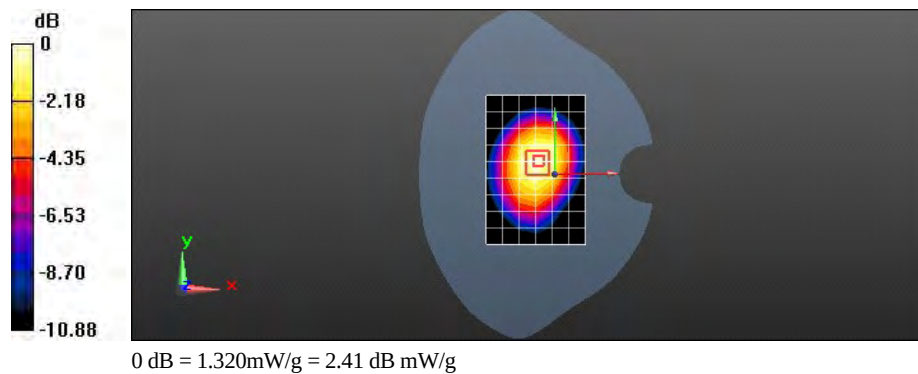
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.514 V/m; Power Drift = 0.00079 dB

Peak SAR (extrapolated) = 1.7210

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.856 mW/g

Maximum value of SAR (measured) = 1.318 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 3TS128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.124 mW/g

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

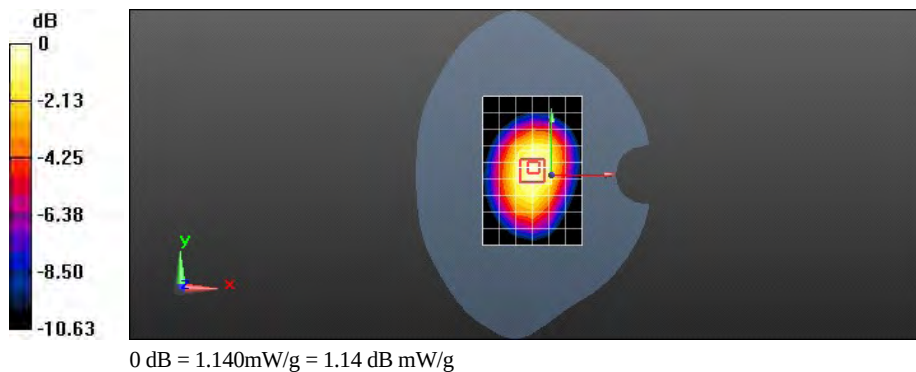
Reference Value = 33.945 V/m; Power Drift = 0.0043 dB

Peak SAR (extrapolated) = 1.4820

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.761 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.139 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 3TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.107 mW/g

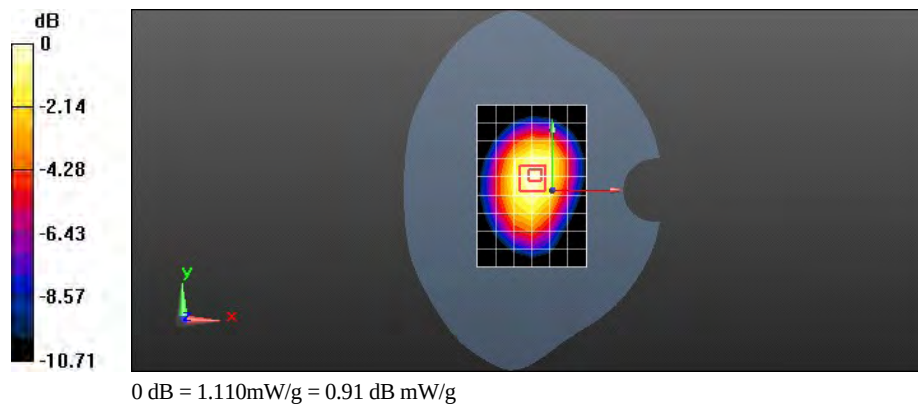
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.270 V/m; Power Drift = -0.0052 dB

Peak SAR (extrapolated) = 1.4100

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.734 mW/g

Maximum value of SAR (measured) = 1.111 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 3TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.274 mW/g

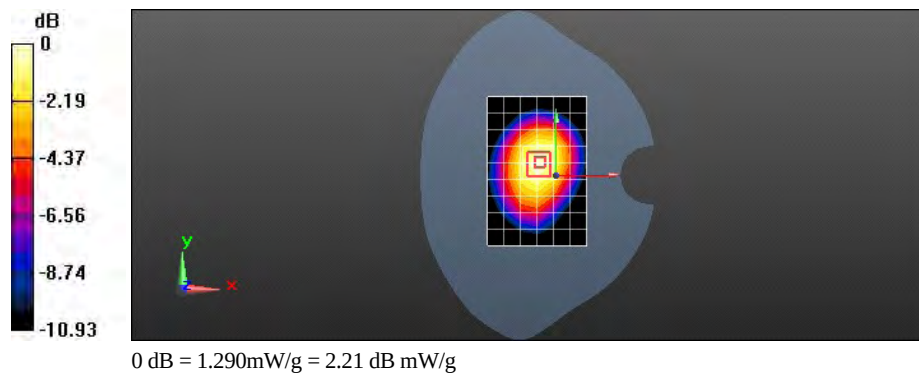
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.065 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.6850

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.836 mW/g

Maximum value of SAR (measured) = 1.286 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 4TS 128CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 55.624$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.943 mW/g

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

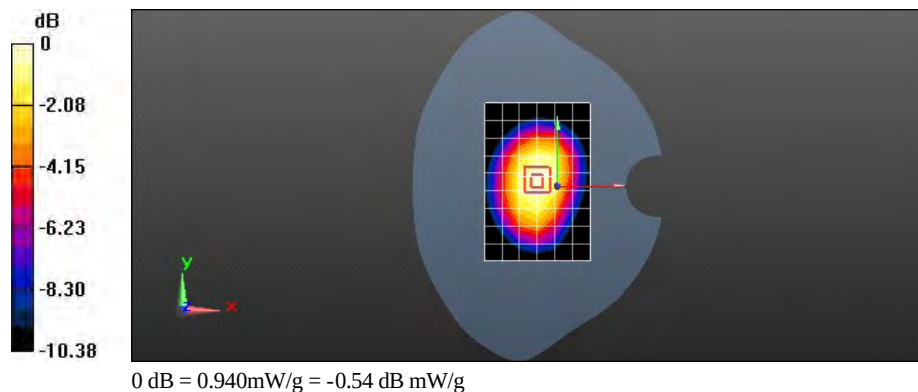
Reference Value = 30.947 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.1880

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.632 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.942 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 4TS 190CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.557$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.887 mW/g

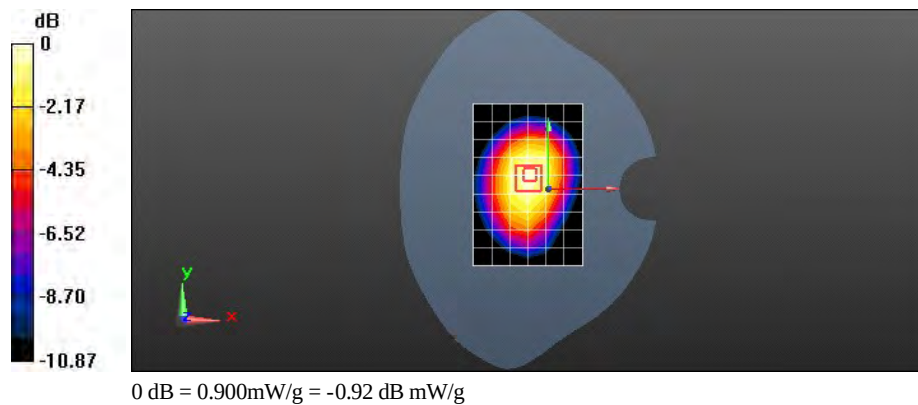
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.045 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.1720

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 0.897 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM850 EDGE 4TS 251CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.432$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.082 mW/g

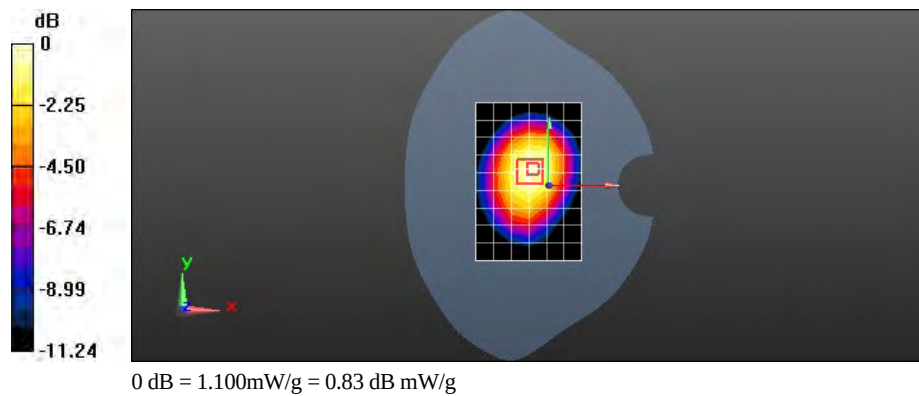
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.876 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4820

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.709 mW/g

Maximum value of SAR (measured) = 1.097 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 1TS 661CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.301 mW/g

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

Reference Value = 12.074 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.4470

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.326 mW/g

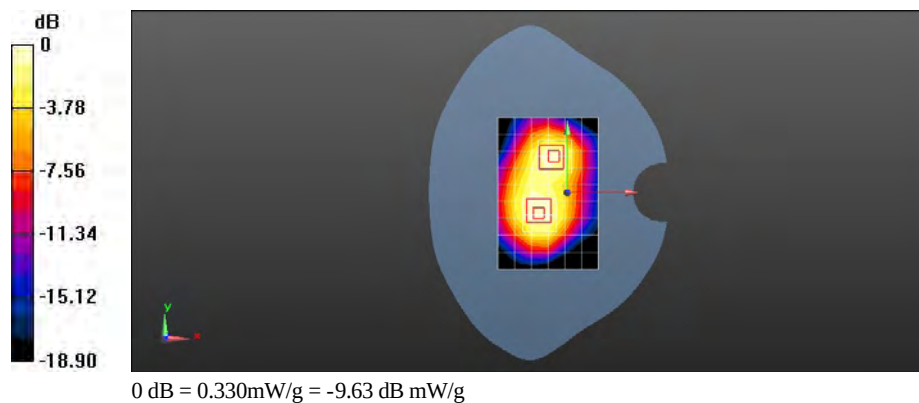
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.074 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5070

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 2TS 661CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.391 mW/g

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

Reference Value = 13.524 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.5770

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.411 mW/g

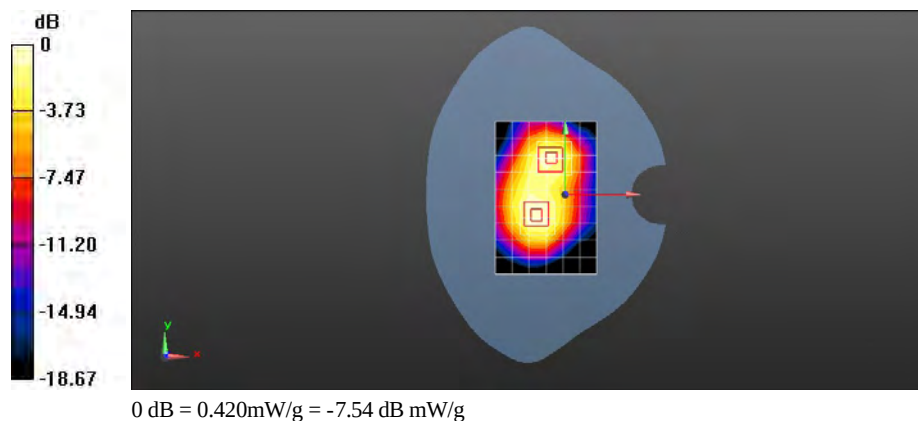
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.524 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.6560

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.420 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 3TS 661CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.373 mW/g

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

Reference Value = 13.194 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.5450

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.386 mW/g

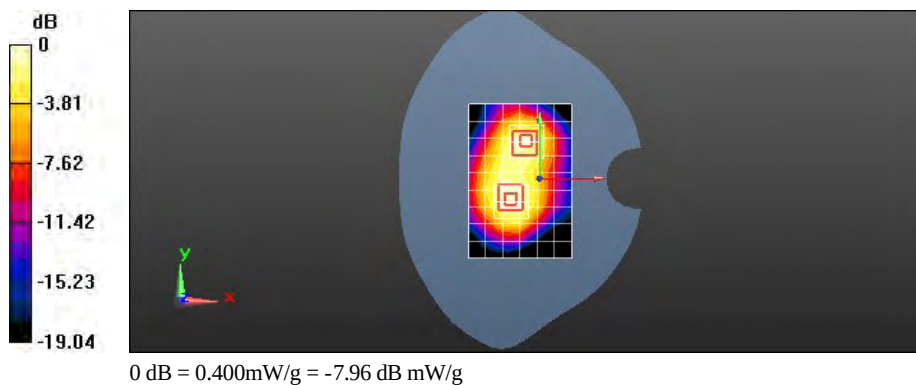
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.194 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.6350

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.398 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 4TS 661CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.311 mW/g

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

Reference Value = 12.042 V/m; Power Drift = -0.0075 dB

Peak SAR (extrapolated) = 0.4610

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.325 mW/g

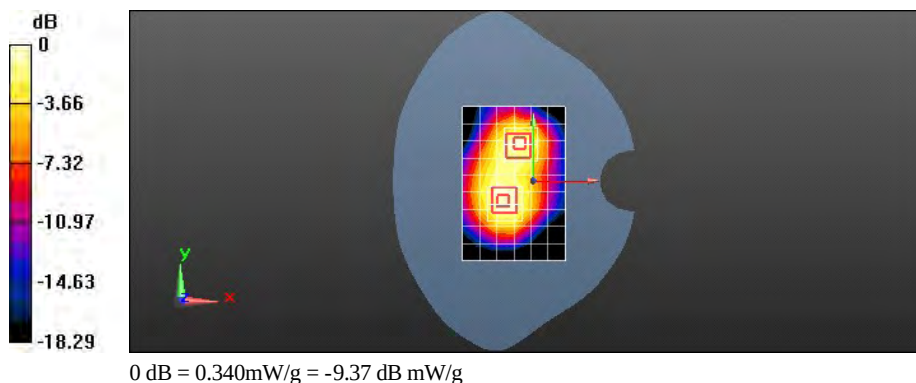
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.042 V/m; Power Drift = -0.0075 dB

Peak SAR (extrapolated) = 0.5340

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 2TS 661CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.400 mW/g

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

Reference Value = 14.208 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.7120

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.446 mW/g

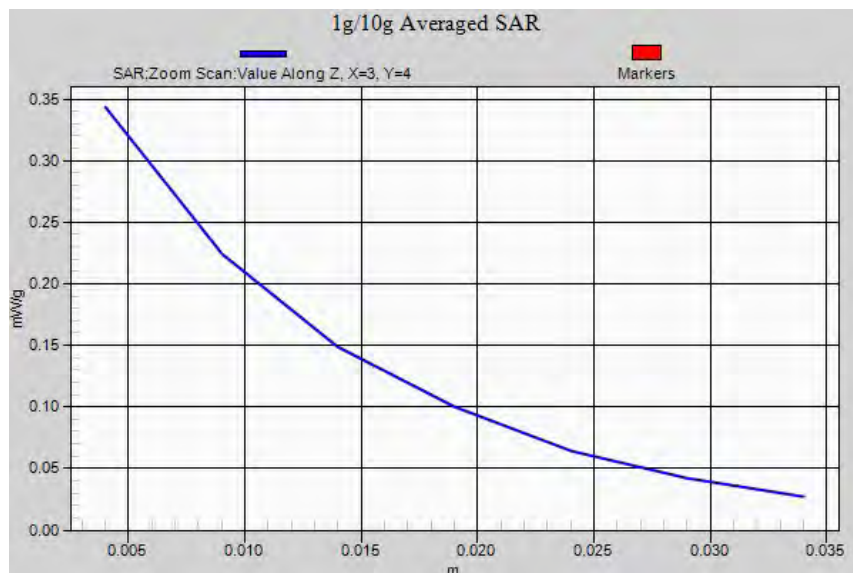
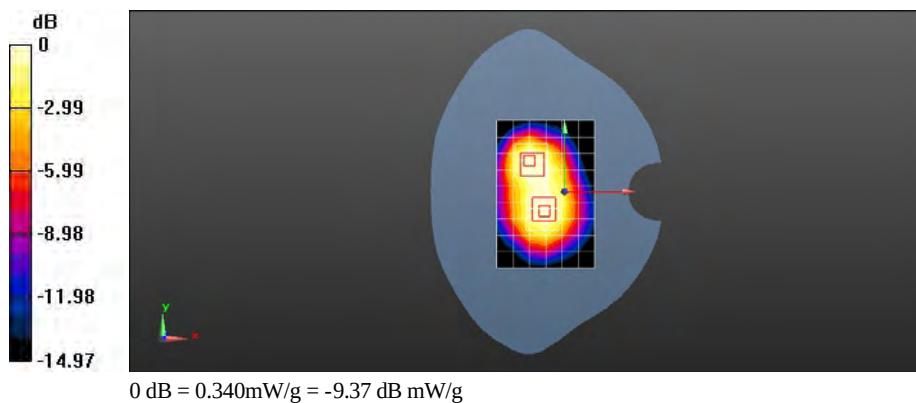
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.208 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.4790

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.343 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 2TS 661CH Left side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.183 mW/g

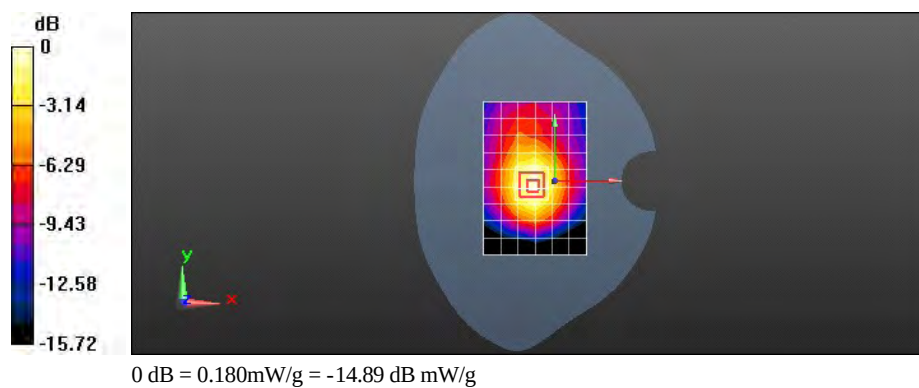
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.932 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.2810

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 2TS 661CH Right side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.280 mW/g

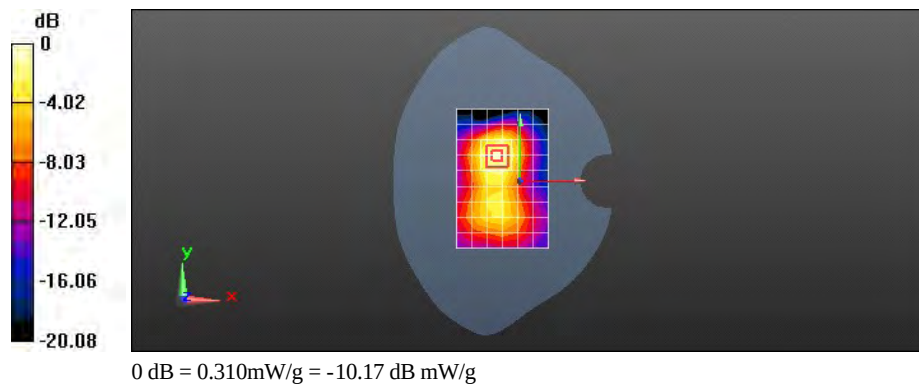
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.495 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.4800

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 GPRS 2TS 661CH Top side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.216 mW/g

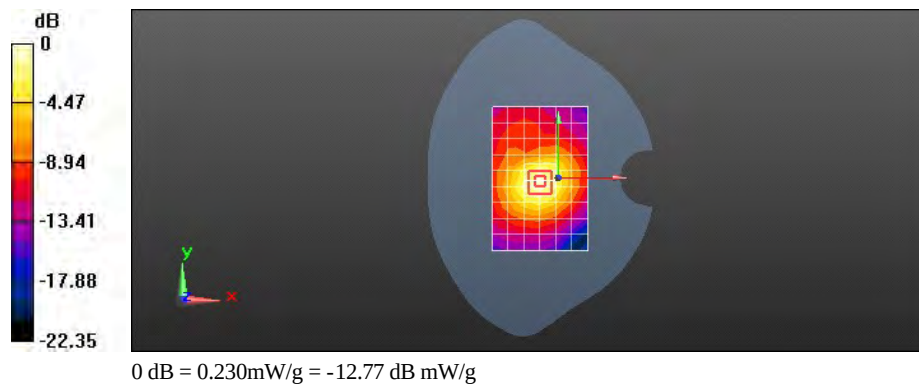
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.191 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.3740

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.230 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 EDGE 1TS 661CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.304 mW/g

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

Reference Value = 11.681 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.5290

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.332 mW/g

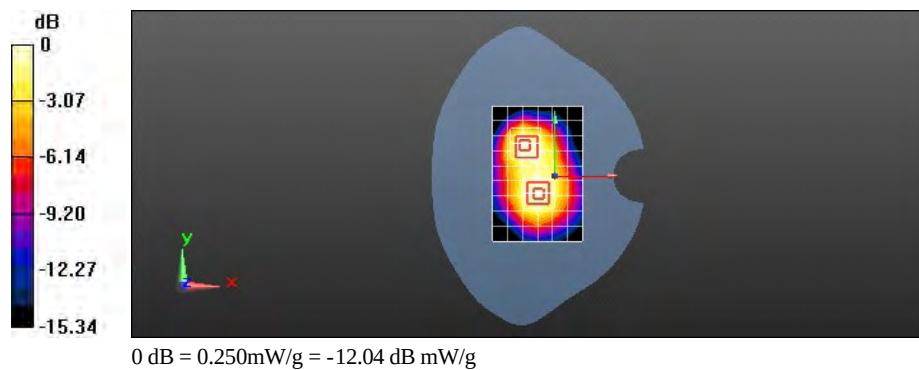
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.681 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.3550

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.253 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 EDGE 2TS 661CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.554$ mho/m; $\epsilon_r = 52.97$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.394 mW/g

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

Reference Value = 13.116 V/m; Power Drift = 0.0056 dB

Peak SAR (extrapolated) = 0.6780

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.426 mW/g

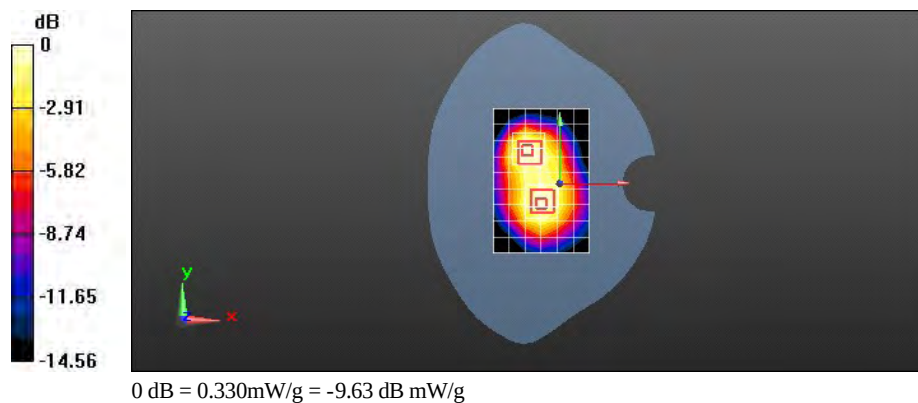
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.116 V/m; Power Drift = 0.0056 dB

Peak SAR (extrapolated) = 0.4640

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.328 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 EDGE 3TS 661CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.343 mW/g

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

Reference Value = 12.795 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.6340

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.390 mW/g

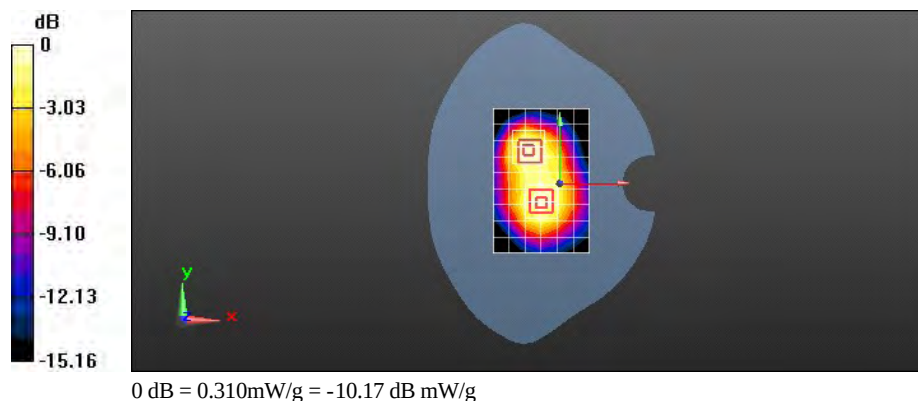
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.795 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.4500

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.309 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 GSM1900 EDGE 4TS 661CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.336 mW/g

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

Reference Value = 11.947 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5500

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.342 mW/g

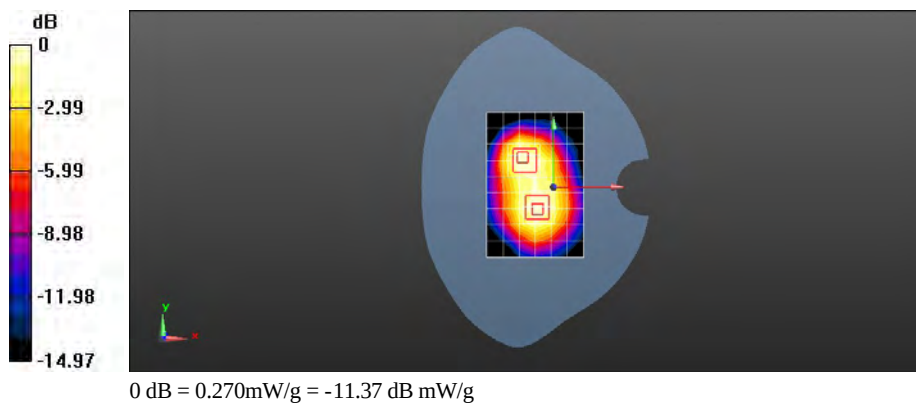
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.947 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.3900

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.267 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4132CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.601$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.206 mW/g

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

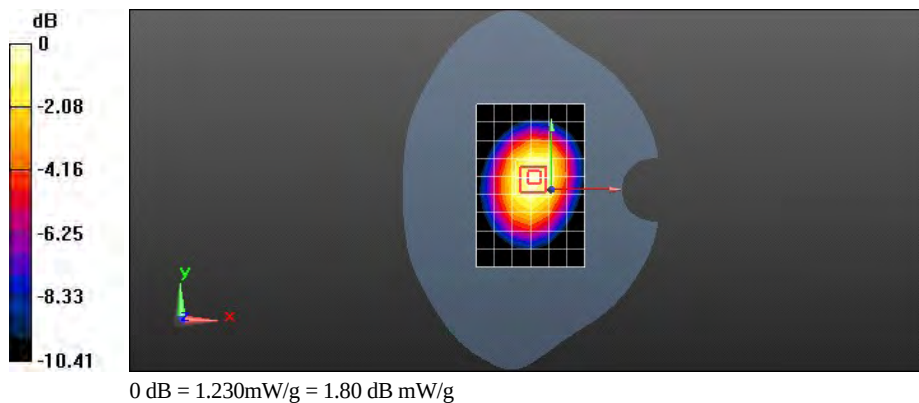
Reference Value = 34.297 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.5760

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.811 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.226 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4182CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.564$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.317 mW/g

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

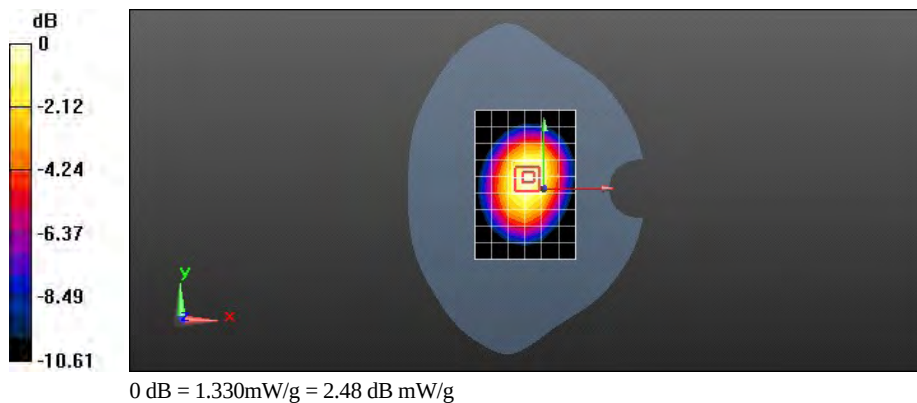
Reference Value = 35.740 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.7120

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.880 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.333 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4233CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.451$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.277 mW/g

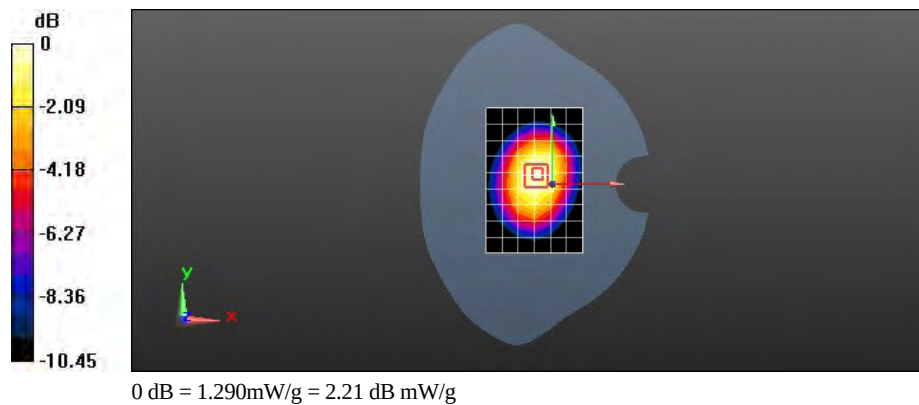
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 35.062 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.6600

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.856 mW/g

Maximum value of SAR (measured) = 1.293 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4132CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.601$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.002 mW/g

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

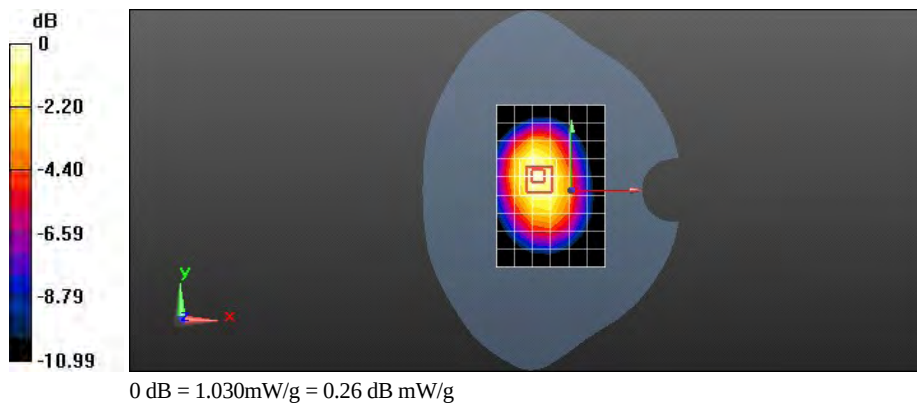
Reference Value = 29.864 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.3800

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.667 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.035 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4182CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.564$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.127 mW/g

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

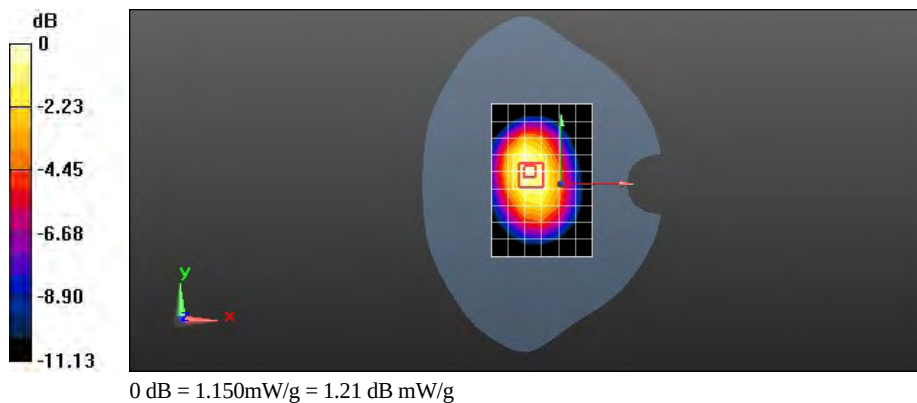
Reference Value = 31.138 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.5350

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.738 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.150 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4233CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.451$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.172 mW/g

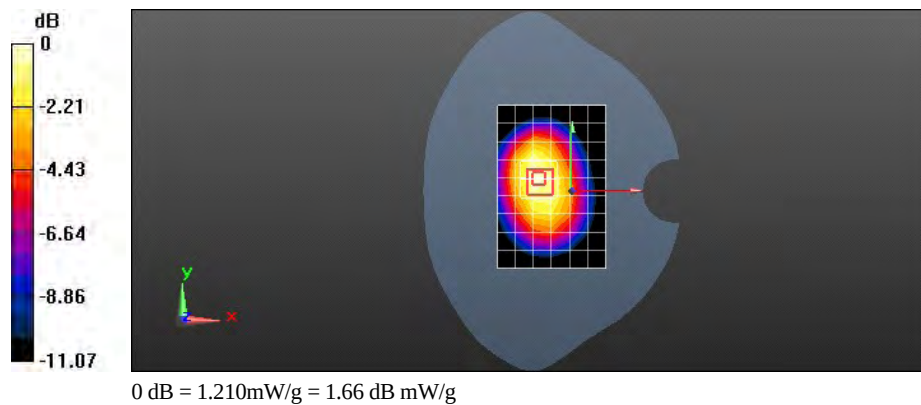
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.236 V/m; Power Drift = 0.0091 dB

Peak SAR (extrapolated) = 1.6020

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.777 mW/g

Maximum value of SAR (measured) = 1.206 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4182CH Left side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.564$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.629 mW/g

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

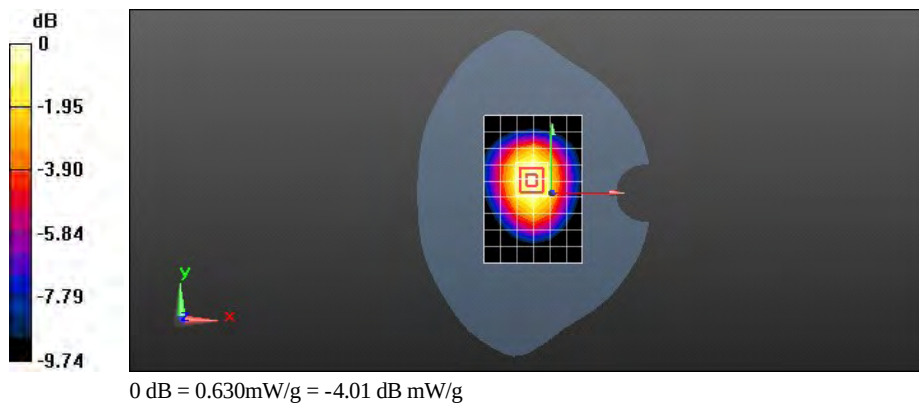
Reference Value = 24.420 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.8300

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.408 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.625 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4182CH Right side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.564$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.692 mW/g

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

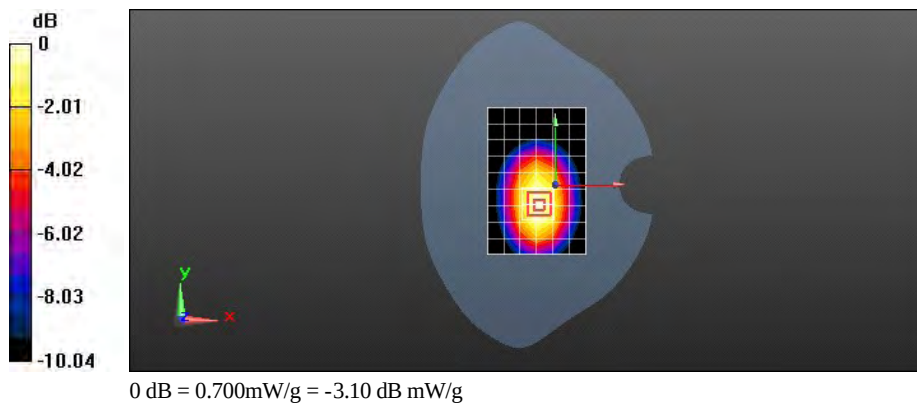
Reference Value = 24.643 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.9250

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.444 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.697 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4182CH Top side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.564$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.084 mW/g

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

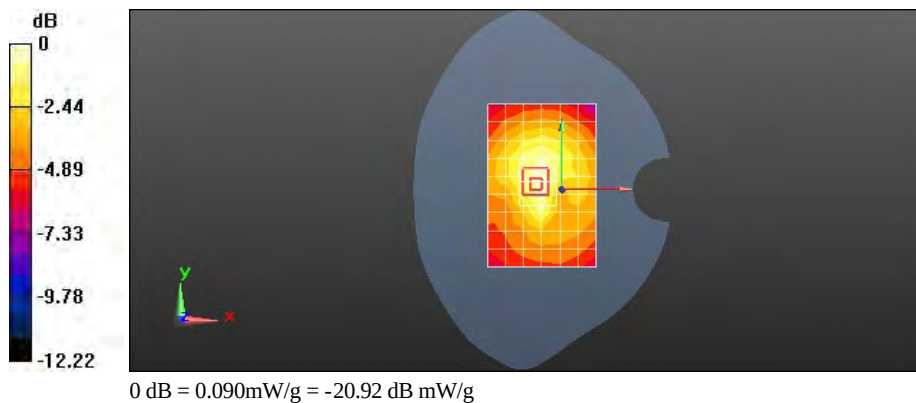
Reference Value = 9.398 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.1310

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.050 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.087 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4182CH Front side 10mm with HSDPA

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.564$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.014 mW/g

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

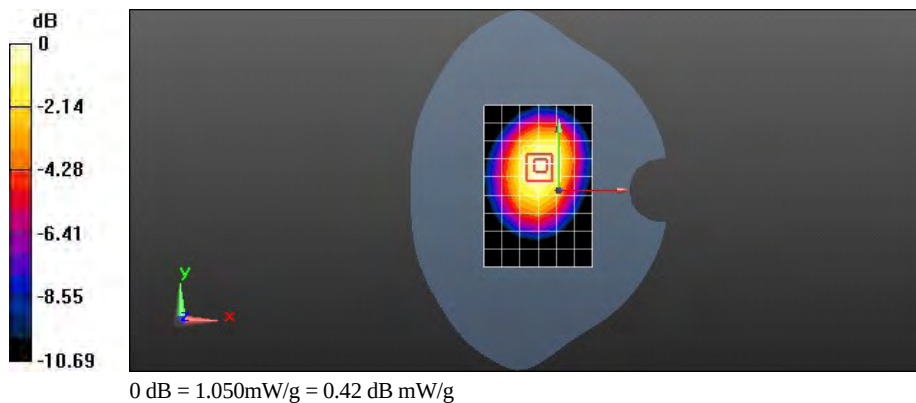
Reference Value = 29.406 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.3480

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.698 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.052 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA850 4182CH Front side 10mm with HSUPA

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.564$; $\rho = 1000$ kg/m³

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.060 mW/g

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

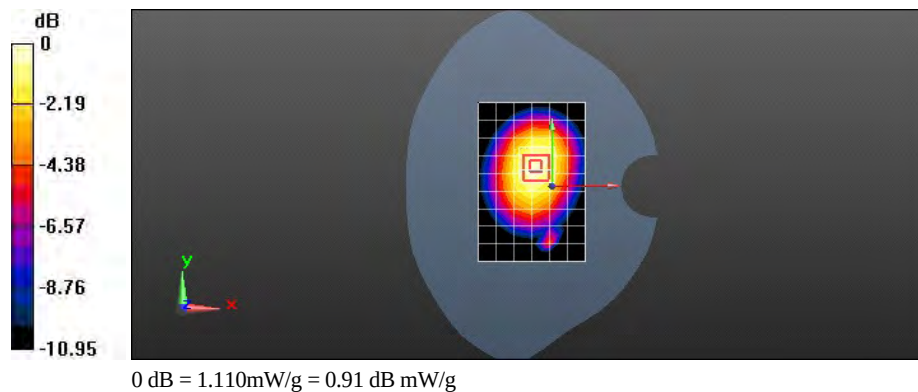
Reference Value = 31.040 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.4140

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.732 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.114 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1312CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.465$ mho/m; $\epsilon_r = 52.823$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.091 mW/g

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

Reference Value = 15.204 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.6600

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.604 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.132 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

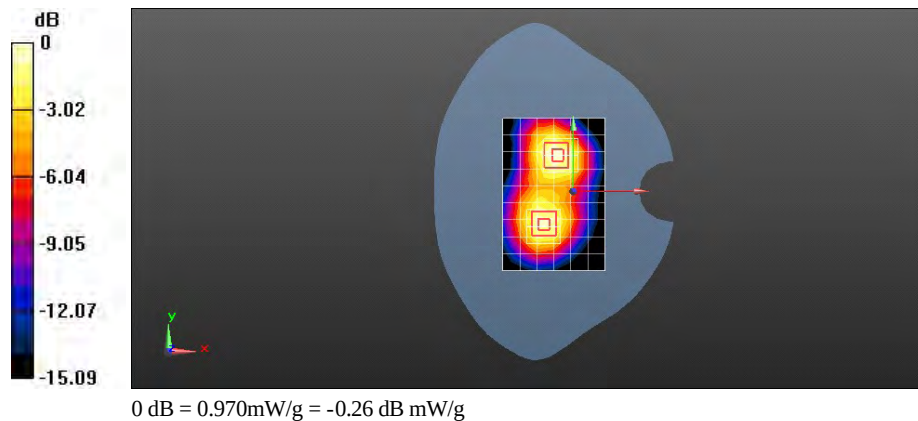
Reference Value = 15.204 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.3480

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.546 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.967 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1413CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.057 mW/g

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

Reference Value = 14.744 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.6690

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.610 mW/g

Maximum value of SAR (measured) = 1.139 mW/g

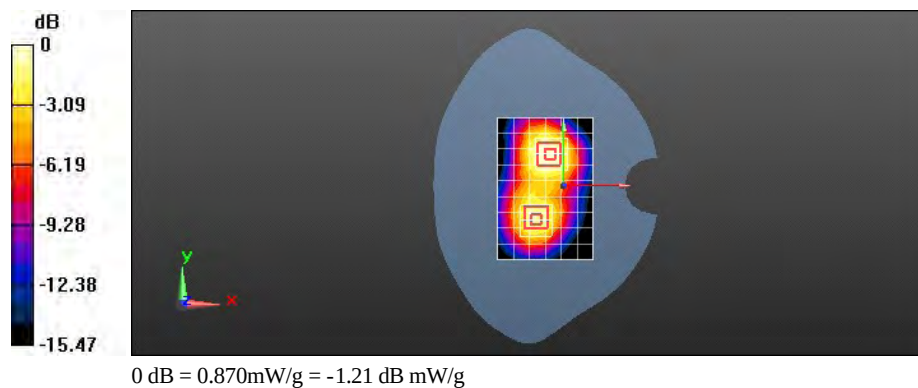
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.744 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.2250

SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.872 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1513CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.667$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.764 mW/g

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

Reference Value = 13.790 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.2260

SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 0.837 mW/g

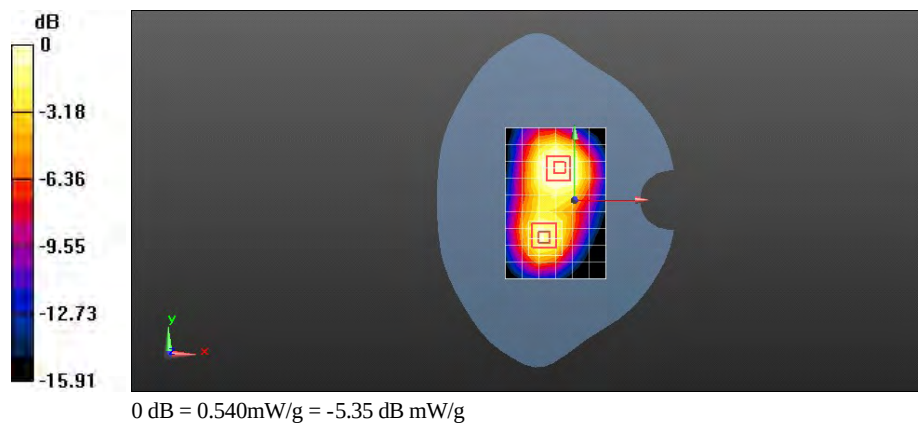
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.790 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.7640

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.537 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1312CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.465$ mho/m; $\epsilon_r = 52.823$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.052 mW/g

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

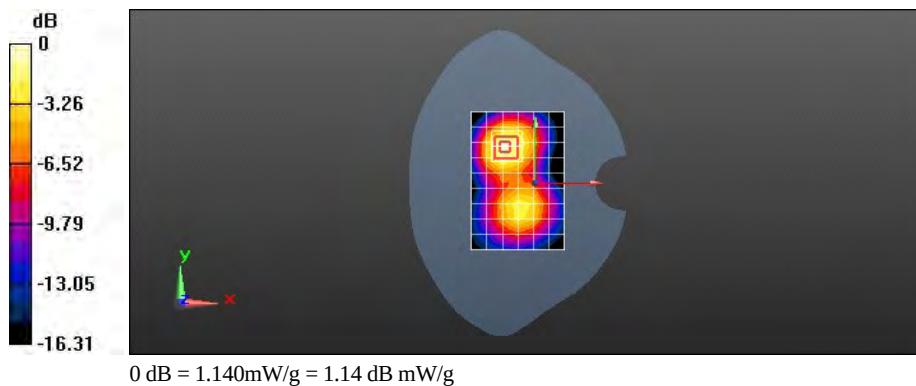
Reference Value = 13.817 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.7040

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.607 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.135 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1413CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.191 mW/g

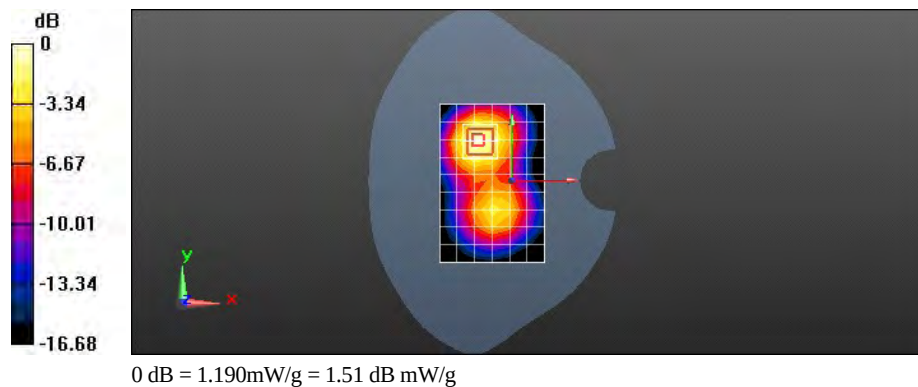
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.315 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.8220

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.637 mW/g

Maximum value of SAR (measured) = 1.194 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1513CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.667$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.806 mW/g

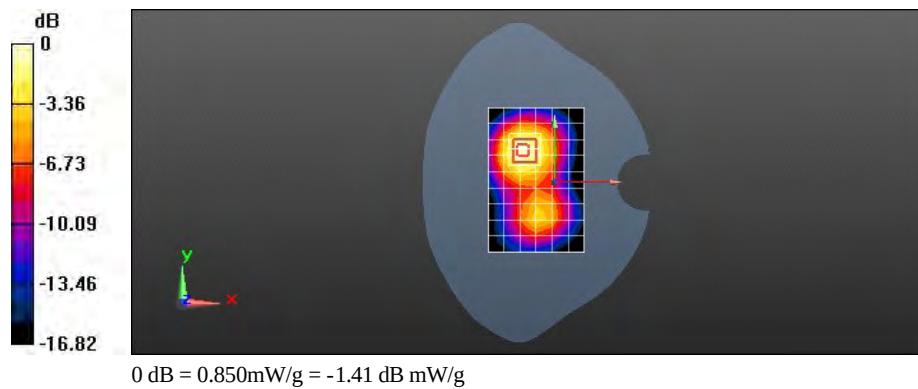
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.445 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.2960

SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.461 mW/g

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



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1413CH Left side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.233 mW/g

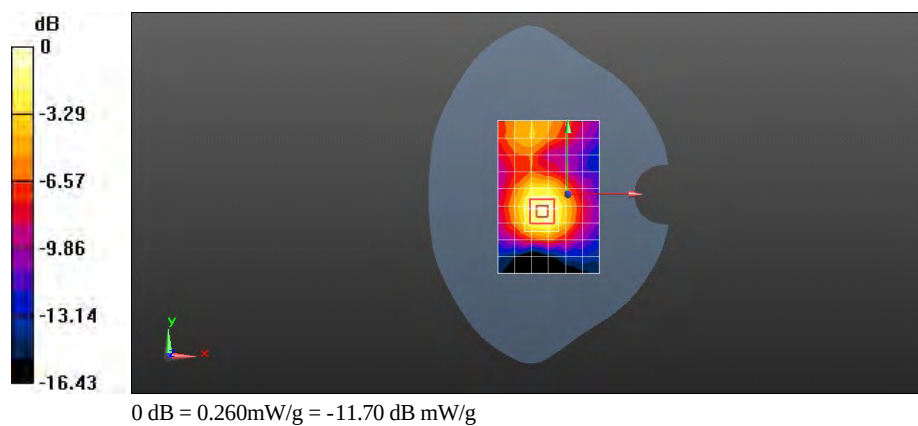
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.810 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.3850

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1413CH Right side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.617 mW/g

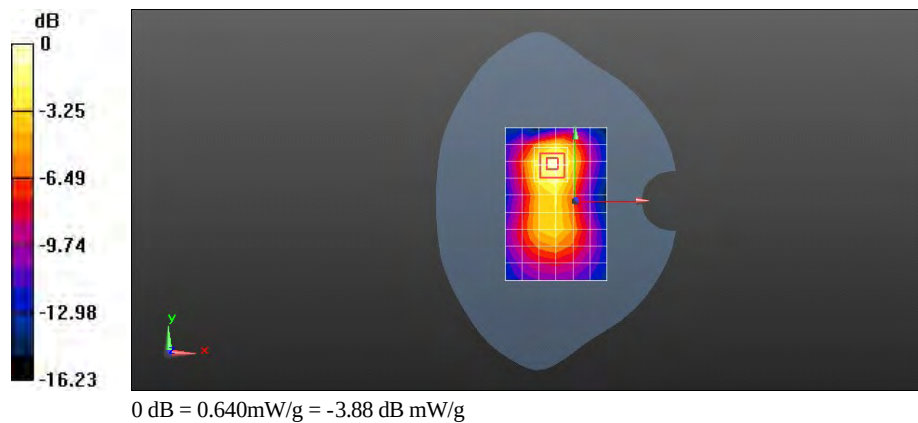
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.091 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.9520

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.337 mW/g

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



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1413CH Top side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.735 mW/g

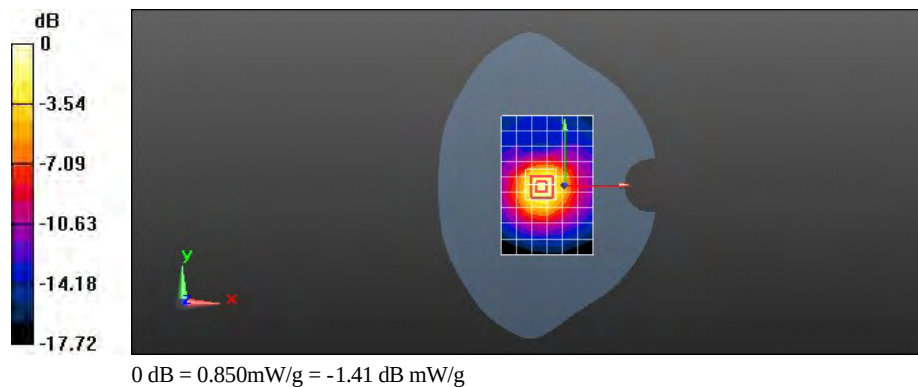
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.389 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.3440

SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.848 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1413CH Rear side 10mm with HSDPA

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.851 mW/g

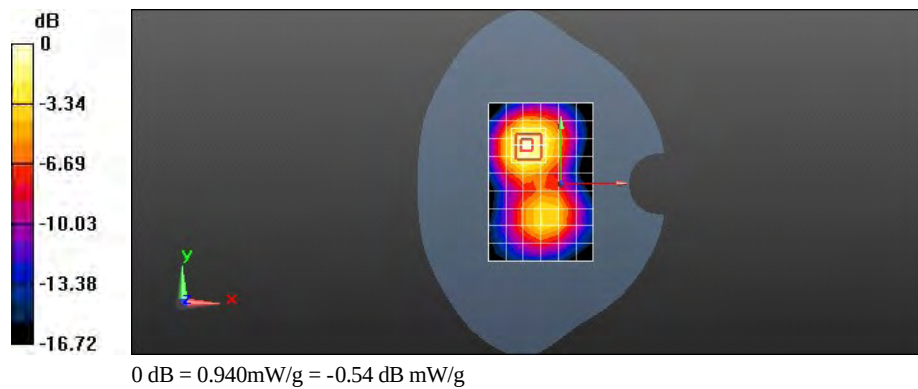
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.370 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.4270

SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 0.941 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1700 1413CH Rear side 10mm with HSUPA

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.49, 7.49); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.984 mW/g

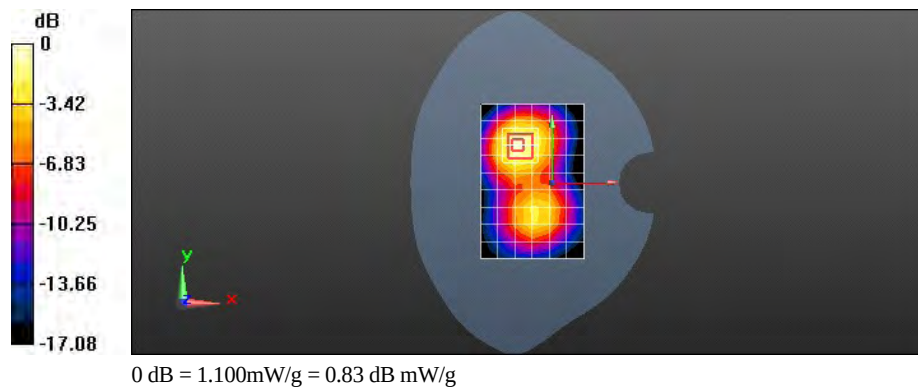
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.266 V/m; Power Drift = 0.0084 dB

Peak SAR (extrapolated) = 1.6740

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.587 mW/g

Maximum value of SAR (measured) = 1.097 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1900 9400CH Front side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.696 mW/g

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

Reference Value = 15.677 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.2050

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.383 mW/g

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

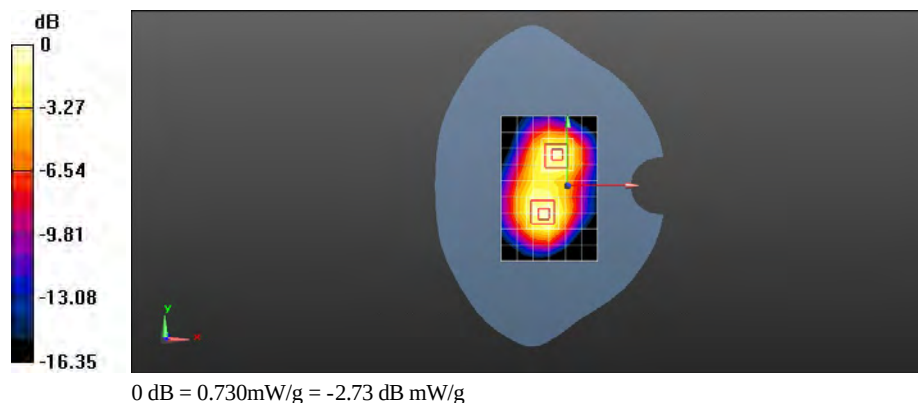
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.677 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.0440

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 0.735 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1900 9400CH Rear side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.782 mW/g

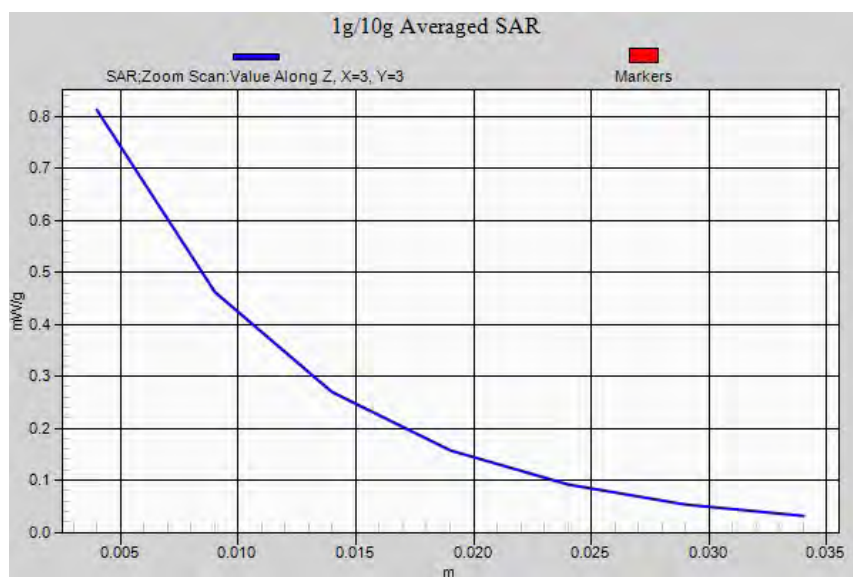
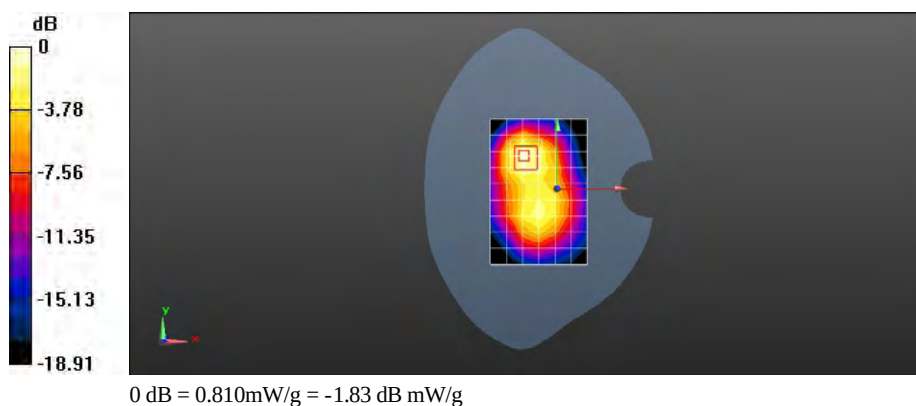
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.148 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.3340

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.813 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1900 9400CH Left side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.258 mW/g

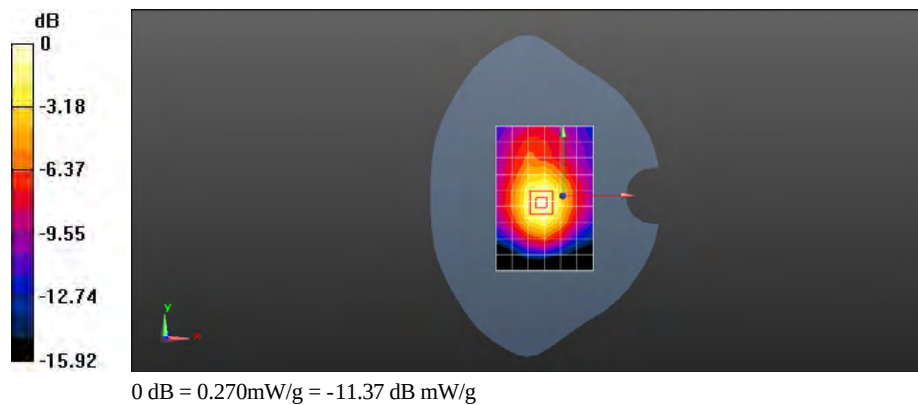
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.770 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.4040

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1900 9400CH Right side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.577 mW/g

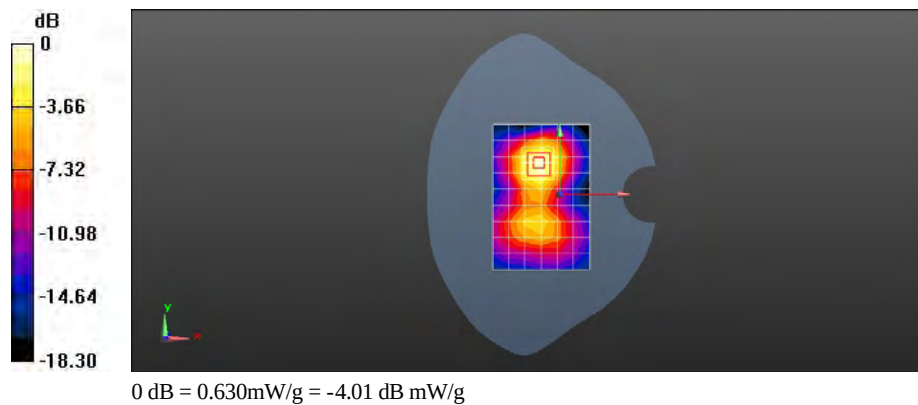
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.230 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.9800

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.631 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1900 9400CH Top side 10mm

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.331 mW/g

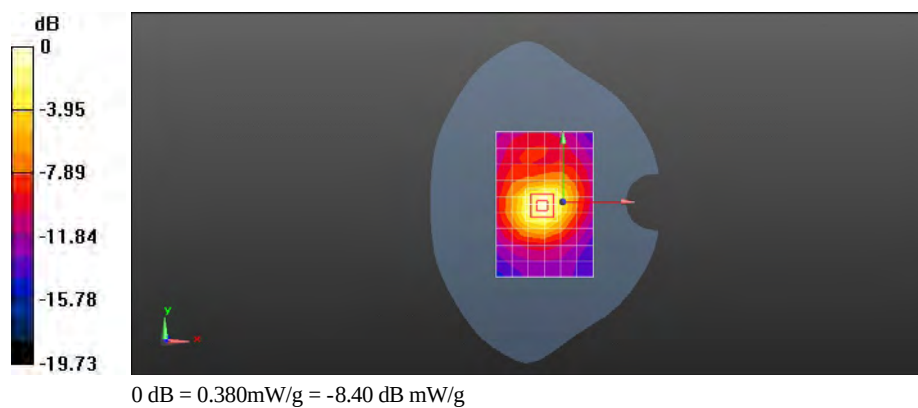
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.854 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.6230

SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1900 9400CH Rear side 10mm with HSDPA

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.572 mW/g

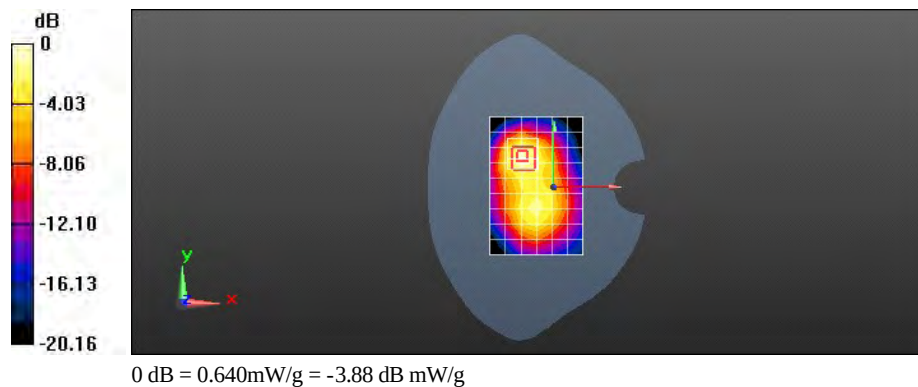
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.970 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.0680

SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.643 mW/g



Test Laboratory: HUAWEI SAR Lab

E586Es-5 WCDMA1900 9400CH Rear side 10mm with HSUPA

DUT: E586Es-5; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.521$ mho/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³

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 (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.553 mW/g

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

Reference Value = 14.453 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.9880

SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.595 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.453 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.6090

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.424 mW/g

