



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 GSM850 GPRS 2TS 128CH Back side 10mm with battery 2#

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM/GPRS/EGPRS-2TS (0); Frequency: 824.4 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 824.4$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 55.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 1.22 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

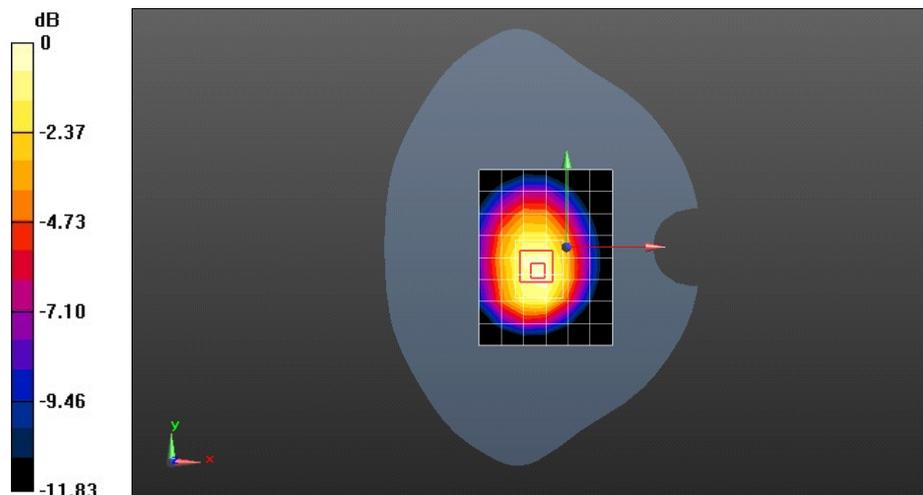
Reference Value = 32.296 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.776 W/kg

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

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 GSM850 GPRS 2TS 128CH Back side 10mm with battery 2#-repeated

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM/GPRS/EGPRS-2TS (0); Frequency: 824.4 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 824.4$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 55.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 1.23 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

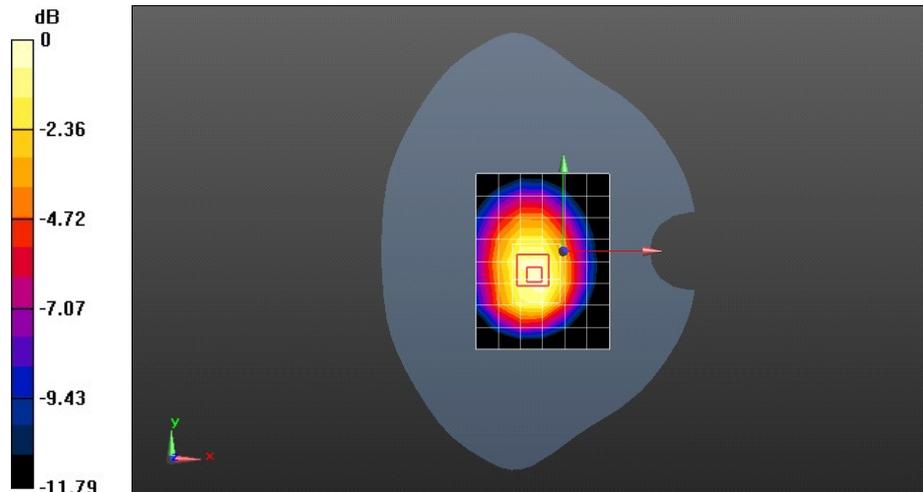
Reference Value = 32.192 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.778 W/kg

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

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.12 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 GSM1900 GPRS 2TS 661CH Front side 10mm

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 53.487$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.650 W/kg

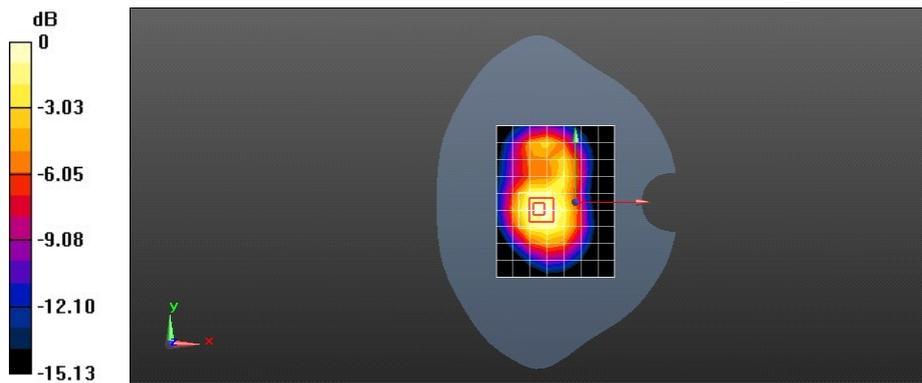
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.867 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 UMTS Band V 4182CH Back side 10mm

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.989$ S/m; $\epsilon_r = 55.679$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 1.20 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

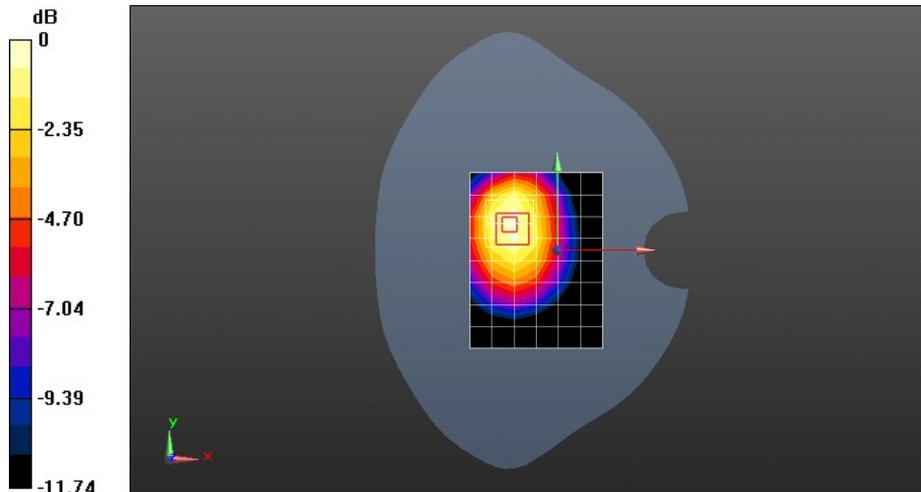
Reference Value = 28.200 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.759 W/kg

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

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.05 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 UMTS Band V 4182CH Back side-repeated 10mm

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.989$ S/m; $\epsilon_r = 55.679$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.06, 6.06, 6.06); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 1.23 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

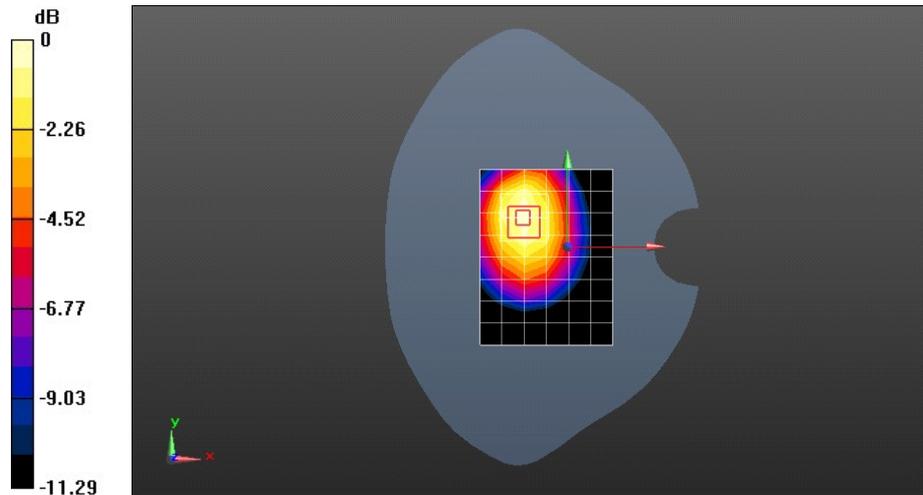
Reference Value = 28.174 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.753 W/kg

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

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.96 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 UMTS Band II 9538CH Front side 10mm with battery 2#

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 53.331$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.879 W/kg

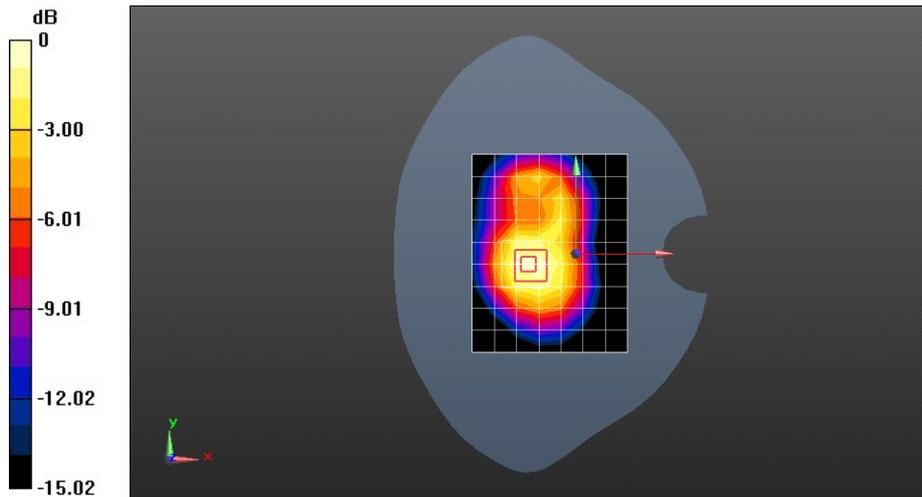
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.382 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg = -0.18 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 UMTS Band II 9538CH Front side 10mm with battery 2#-repeated

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 53.331$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.896 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.195 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.537 W/kg

Maximum value of SAR (measured) = 0.974 W/kg

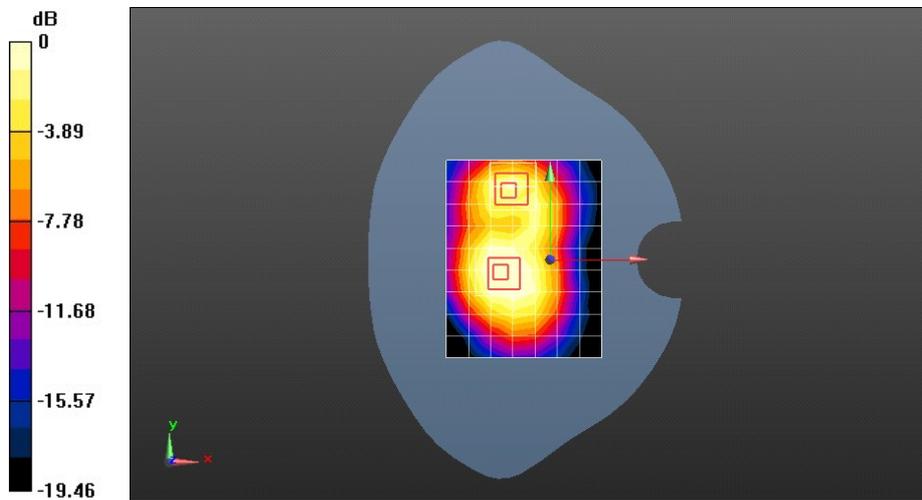
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.195 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg = -1.20 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

E5336Bs-6 WiFi 802.11b 11CH Top side 10mm with battery 2#

DUT: E5336Bs-6; Type: Mobile WiFi; Serial: SAR1

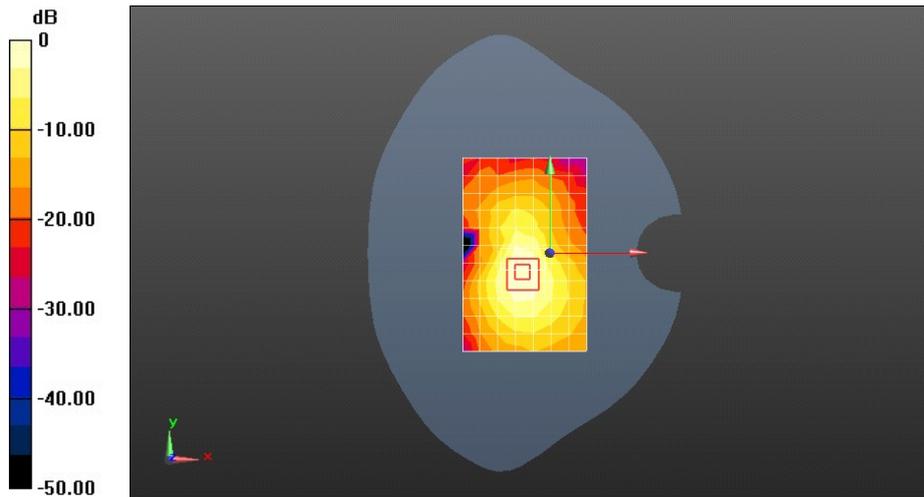
Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 2.041$ S/m; $\epsilon_r = 51.17$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.172 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 8.332 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.89 dBW/kg