

**Appendix B. SAR Measurement Plots**

Table of contents
GSM850 Head
GSM850 Body
GSM1900 Head
GSM1900 Body
UMTS Band II Head
UMTS Band II Body
UMTS Band V Head
UMTS Band V Body
LTE Band VII Head
LTE Band VII Body
WiFi 2.4G Head
WiFi 2.4G Body

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 GSM850 251CH Left tilt with Battery 2

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 39.723$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.68, 6.68, 6.68); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.254 W/kg

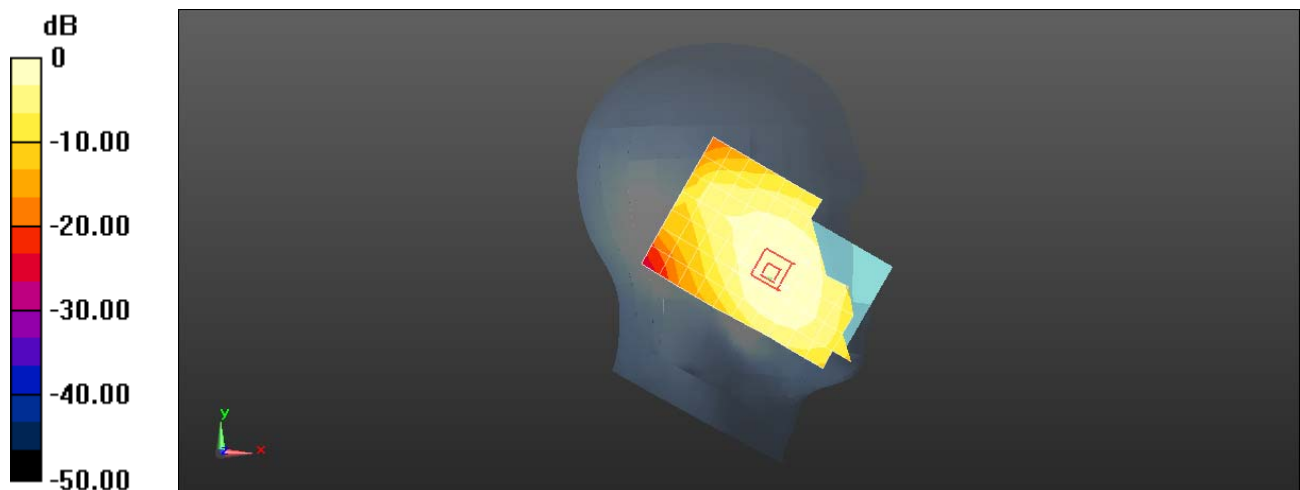
Configuration/Head/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.624 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.241 W/kg ; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 GSM850 190CH Back Side 15mm with SIM2

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 55.982$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.295 W/kg

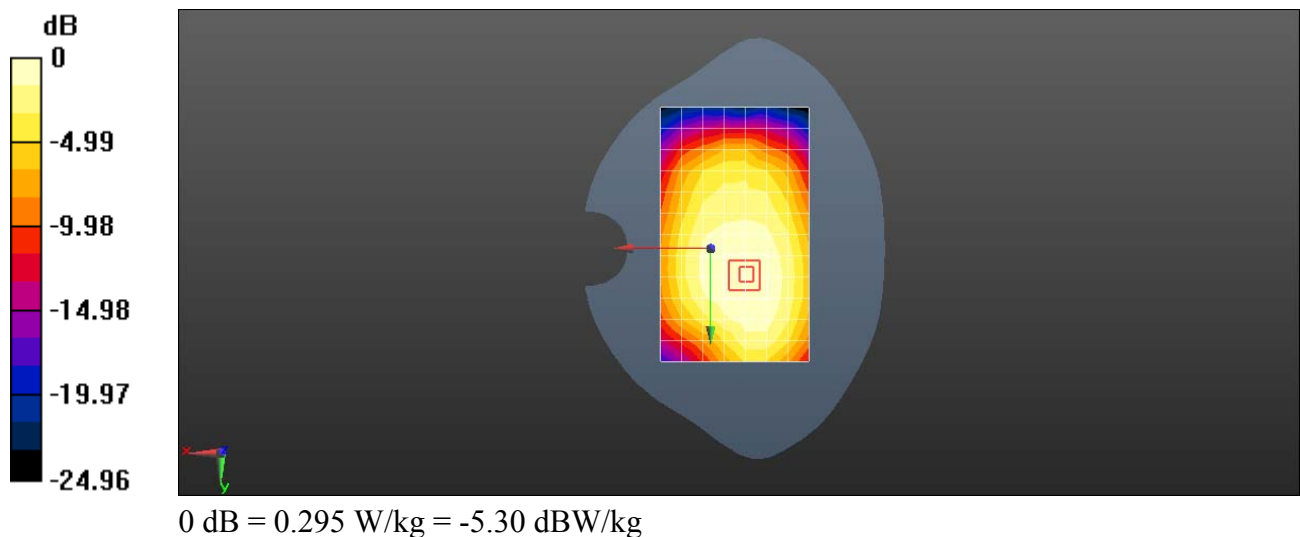
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.86 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.300 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 GSM850 GPRS 2TS 190CH Back Side 10mm

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 55.982$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.667 W/kg

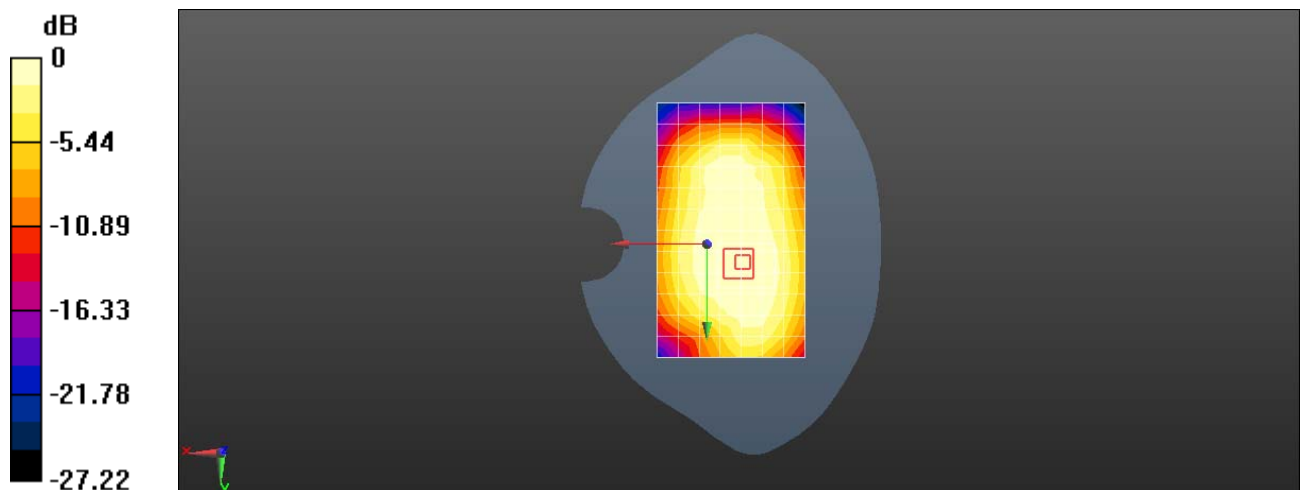
Configuration/Body/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.471 W/kg

Maximum value of SAR (measured) = 0.671 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 GSM1900 810CH Left touch with Battery2

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 38.508$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(5.33, 5.33, 5.33); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.213 W/kg

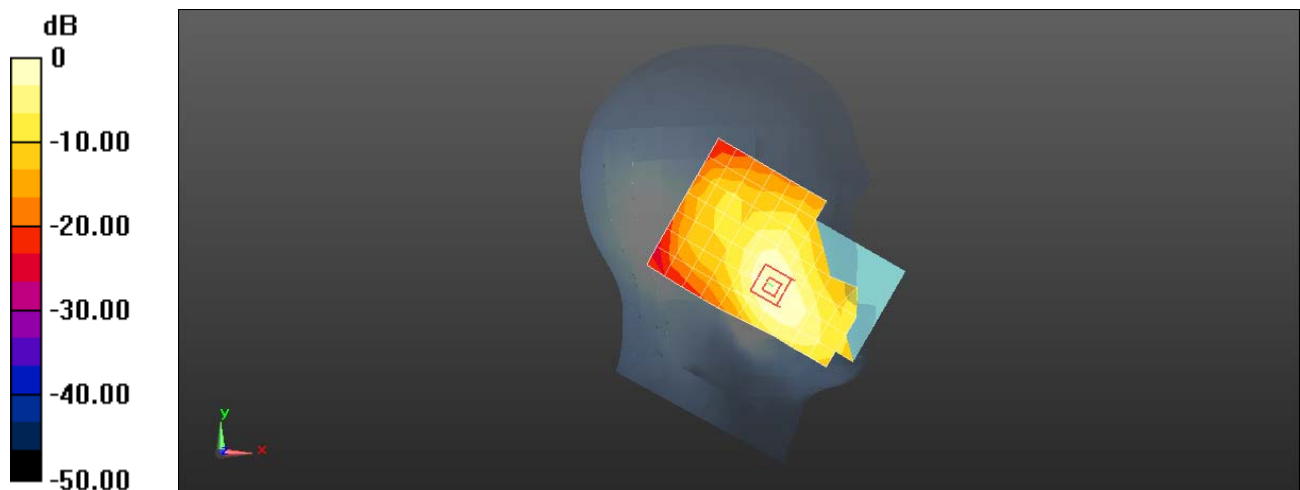
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.093 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 GSM1900 661CH Back Side 15mm with SIM2

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.546$ S/m; $\epsilon_r = 52.982$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.696 W/kg

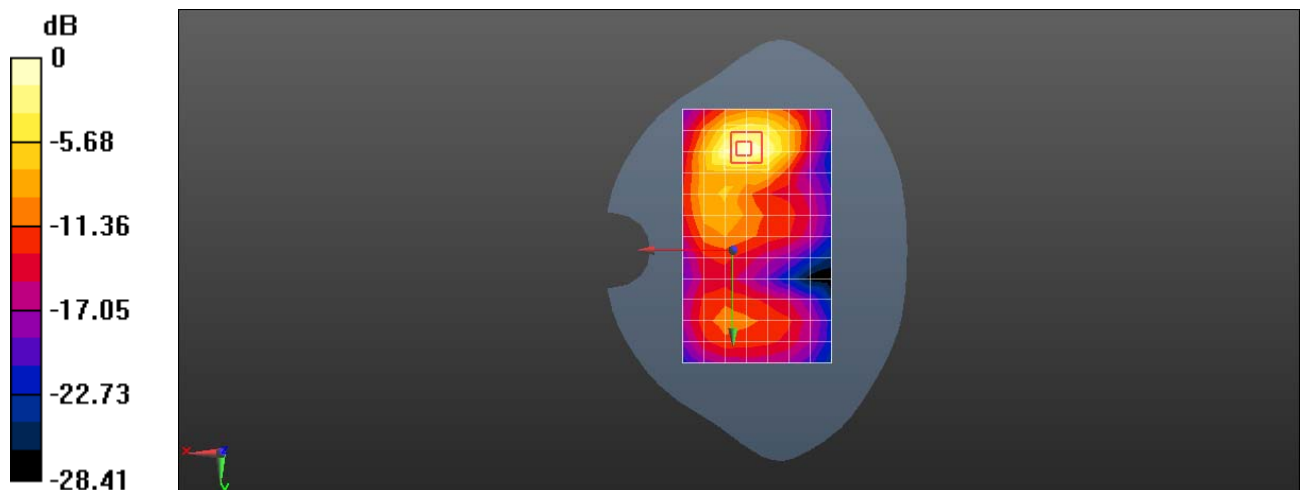
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.621 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.696 W/kg = -1.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 GSM1900 GPRS 2Tx 661CH Bottom Side 10mm with SIM2

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.546 \text{ S/m}$; $\epsilon_r = 52.982$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.536 W/kg

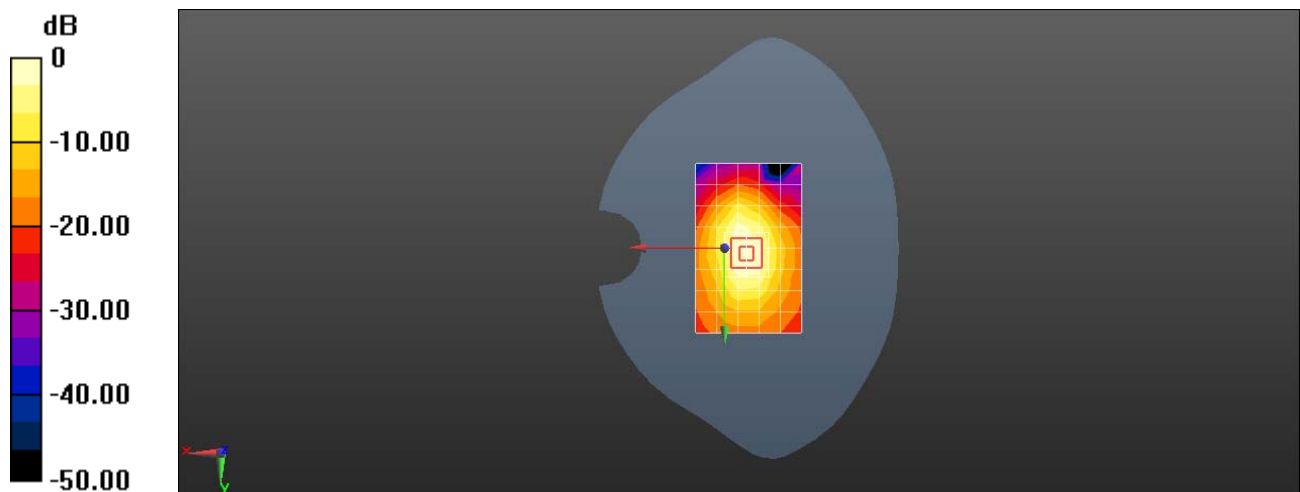
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.60 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.561 W/kg ; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.536 W/kg = -2.71 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 UMTS Band II 9538CH Left touch

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

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

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.417 \text{ S/m}$; $\epsilon_r = 38.516$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(5.33, 5.33, 5.33); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.277 W/kg

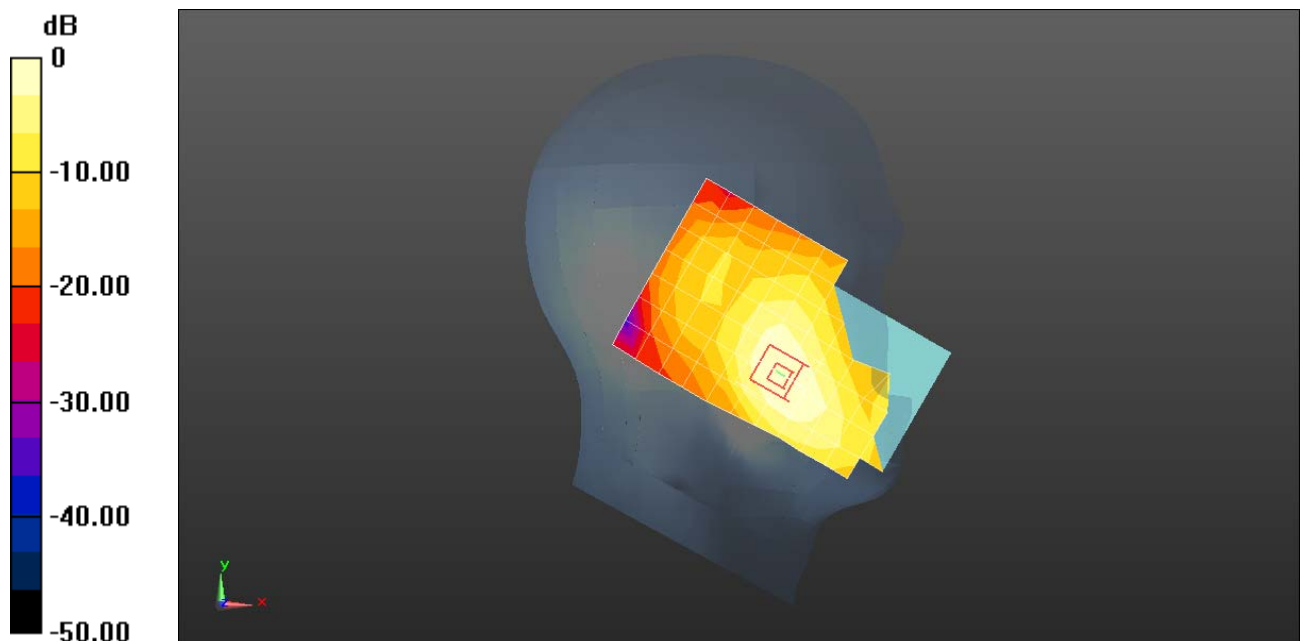
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.842 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.230 W/kg ; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.269 W/kg



$0 \text{ dB} = 0.277 \text{ W/kg} = -5.58 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 UMTS Band 9262CH Back Side 15mm

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 53.087$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

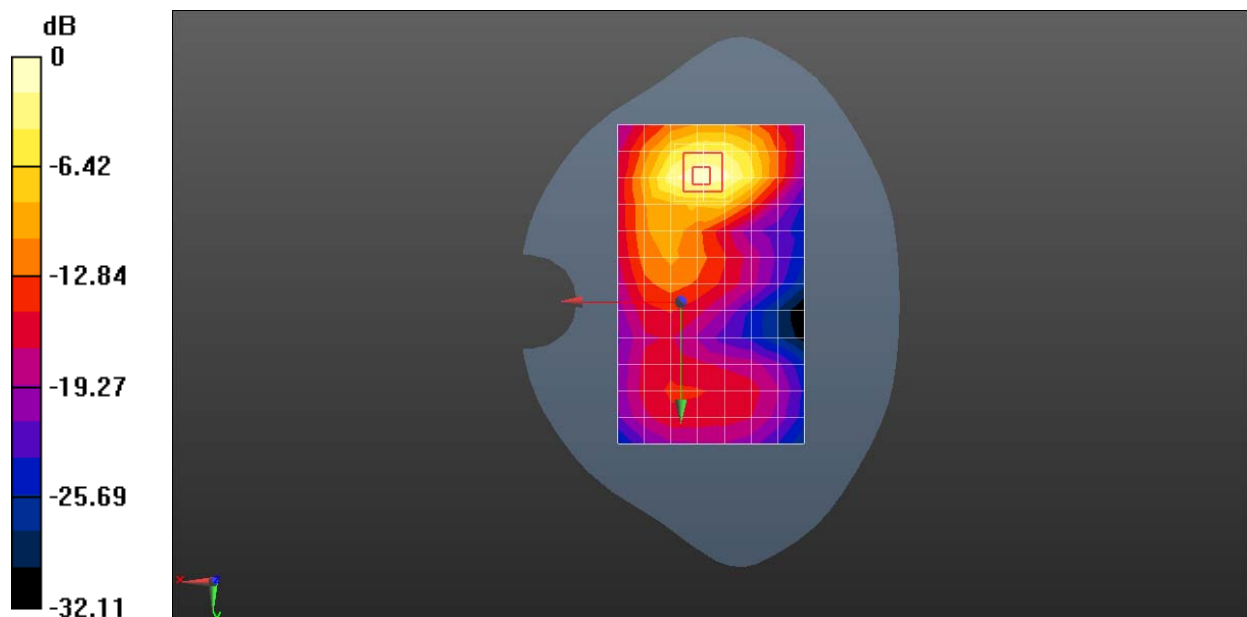
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.522 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.538 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 UMTS Band II 9400CH Bottom Side 10mm with SIM2

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.546$ S/m; $\epsilon_r = 52.982$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.735 W/kg

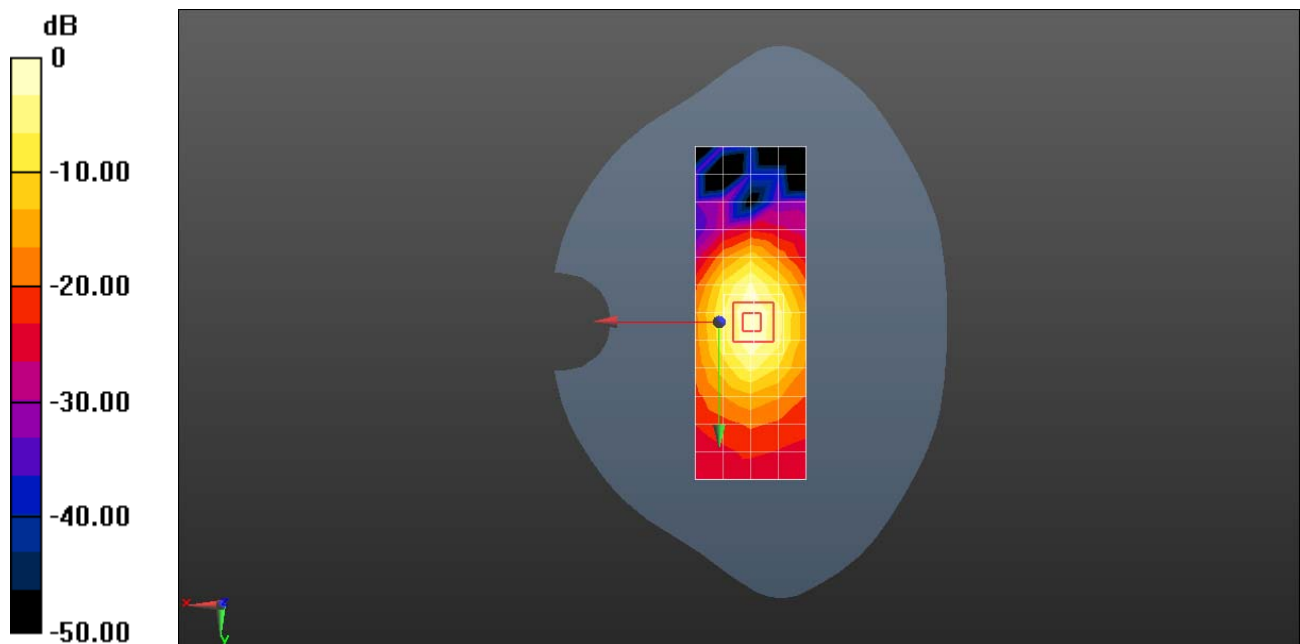
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.09 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.768 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 UMTS Band V 4182CH Left tilt with SIM2

DUT: PRA-LX1; Type: Smart Phone; 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; $\sigma = 0.917$ S/m; $\epsilon_r = 39.907$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.68, 6.68, 6.68); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.247 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.23 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.139 W/kg

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

Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 UMTS Band V 4182CH Back Side 15mm

DUT: PRA-LX1; Type: Smart Phone; 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; $\sigma = 1.004$ S/m; $\epsilon_r = 56.022$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.312 W/kg

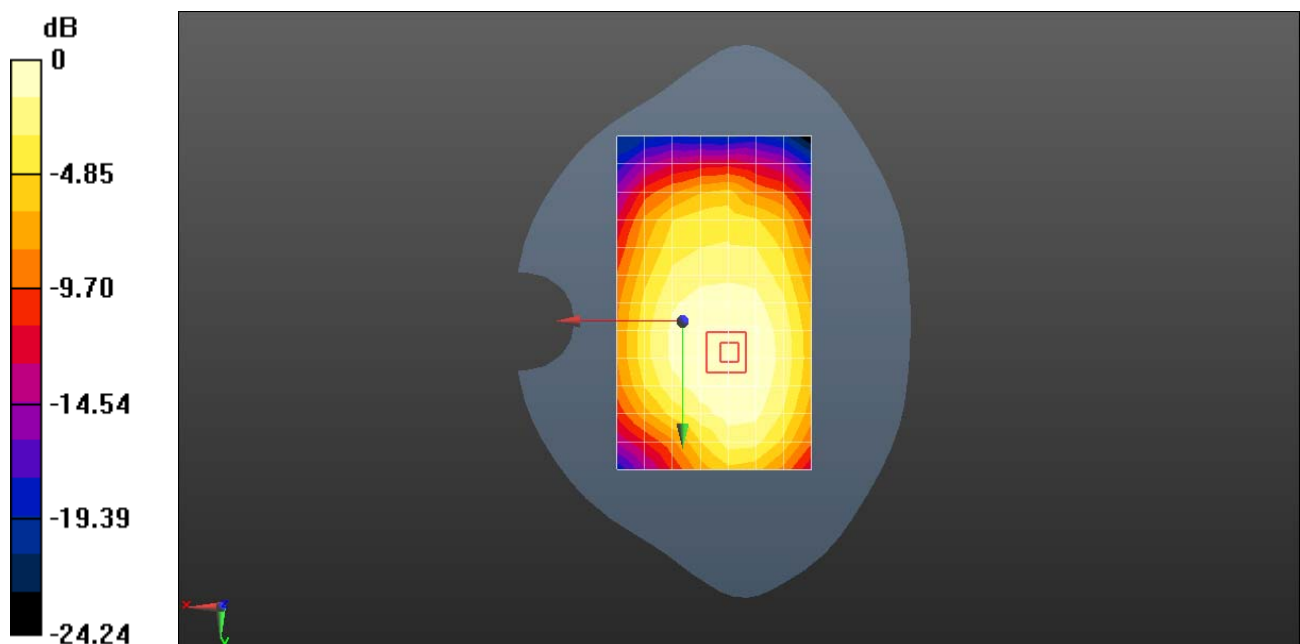
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.51 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.312 W/kg = -5.06 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 UMTS BandV 4182CH Back Side 10mm

DUT: PRA-LX1; Type: Smart Phone; 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; $\sigma = 1.004$ S/m; $\epsilon_r = 56.022$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.338 W/kg

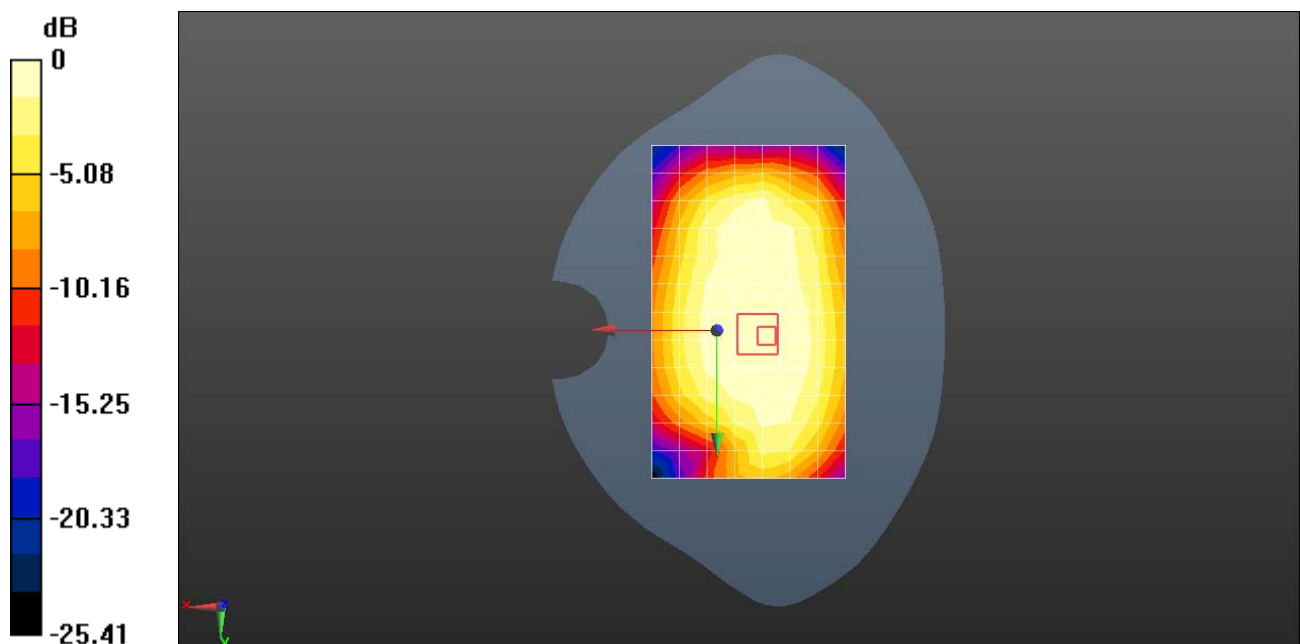
Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.82 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 LTE Band VII 20M QPSK 1RB 0 offset 21350CH Left touch

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 38.494$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.69, 4.69, 4.69); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.485 W/kg

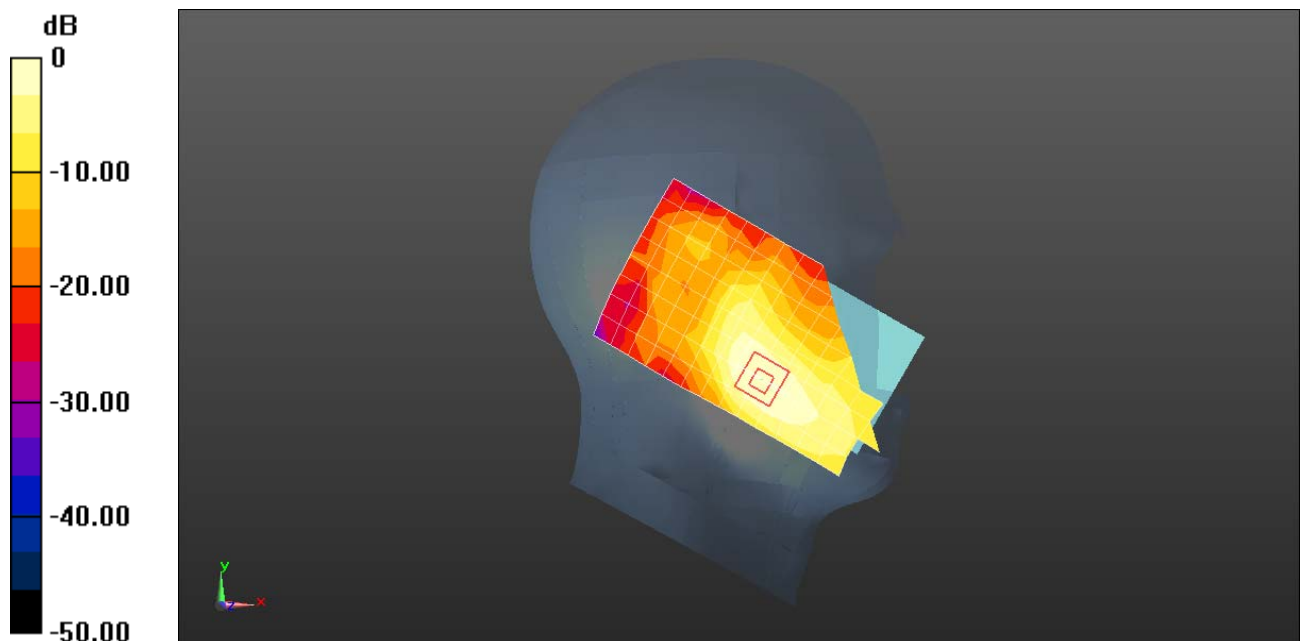
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.873 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.494 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 LTE Band VII 20M QPSK 50RB 0 offset 21350CH Front side 15mm

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.151$ S/m; $\epsilon_r = 52.216$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.31, 4.31, 4.31); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.407 W/kg

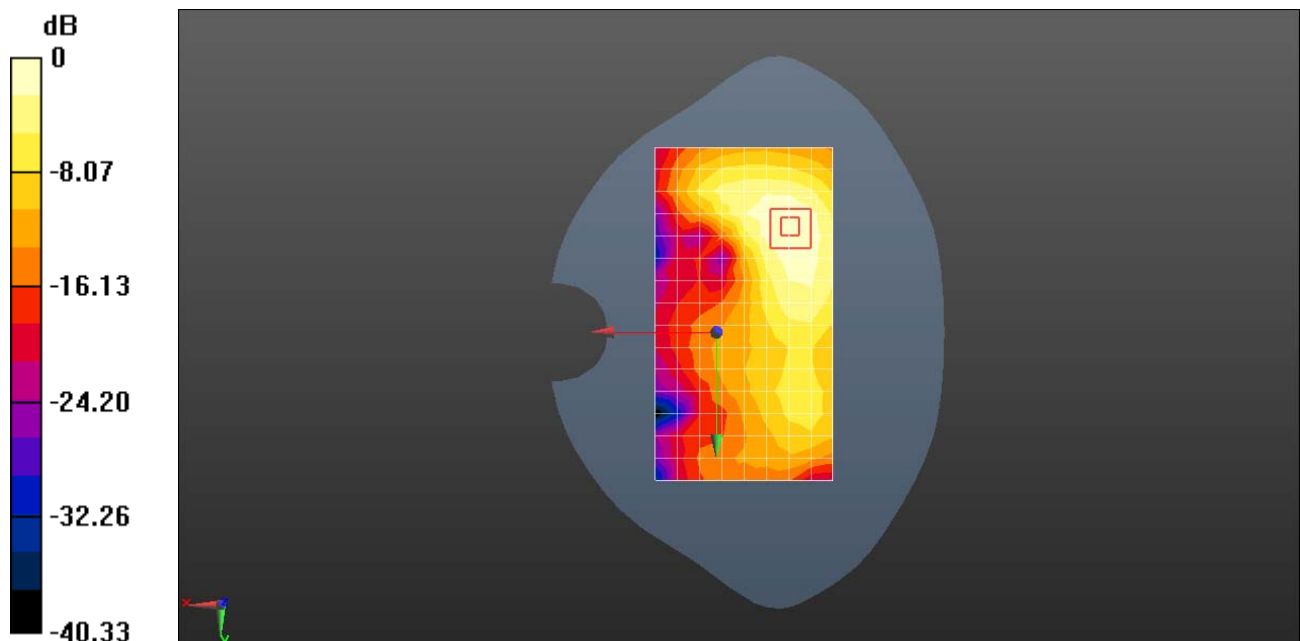
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.945 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.719 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.407 W/kg = -3.90 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 LTE Band VII 20M QPSK 1RB 0 offset 21350CH Front side 10mm

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.151$ S/m; $\epsilon_r = 52.216$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.31, 4.31, 4.31); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.03 W/kg

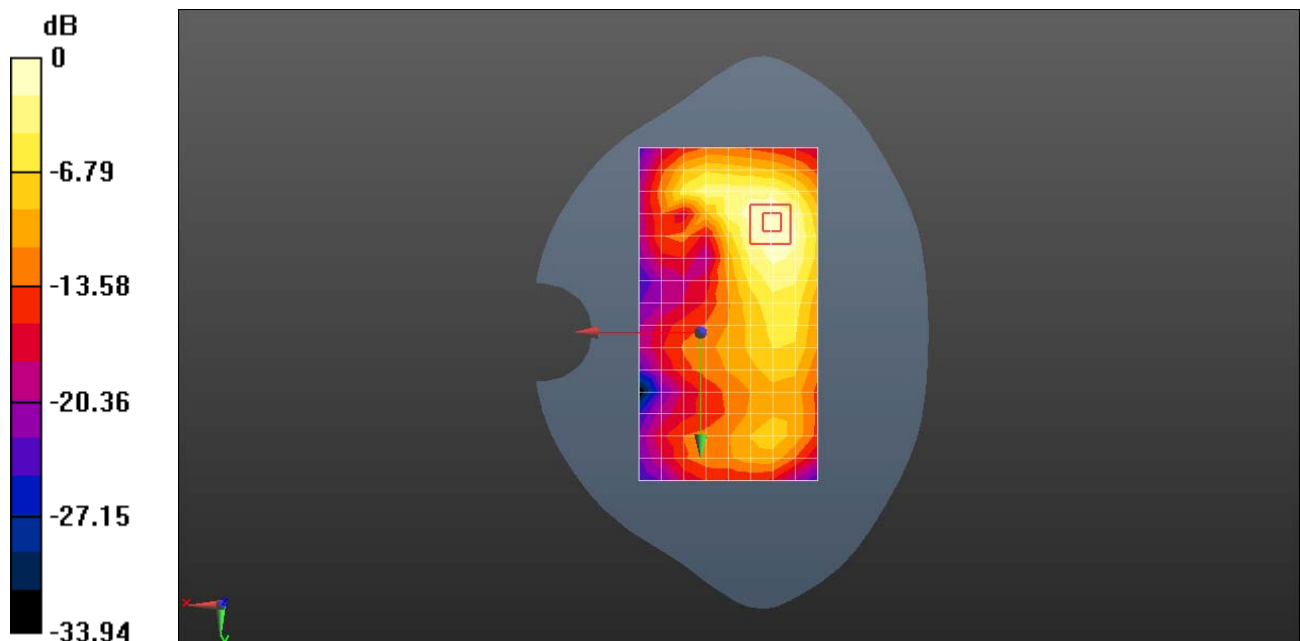
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.582 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 wifi2.4G 802.11b 11CH Left touch with Battery3

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 39.232$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.73, 4.73, 4.73); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.871 W/kg

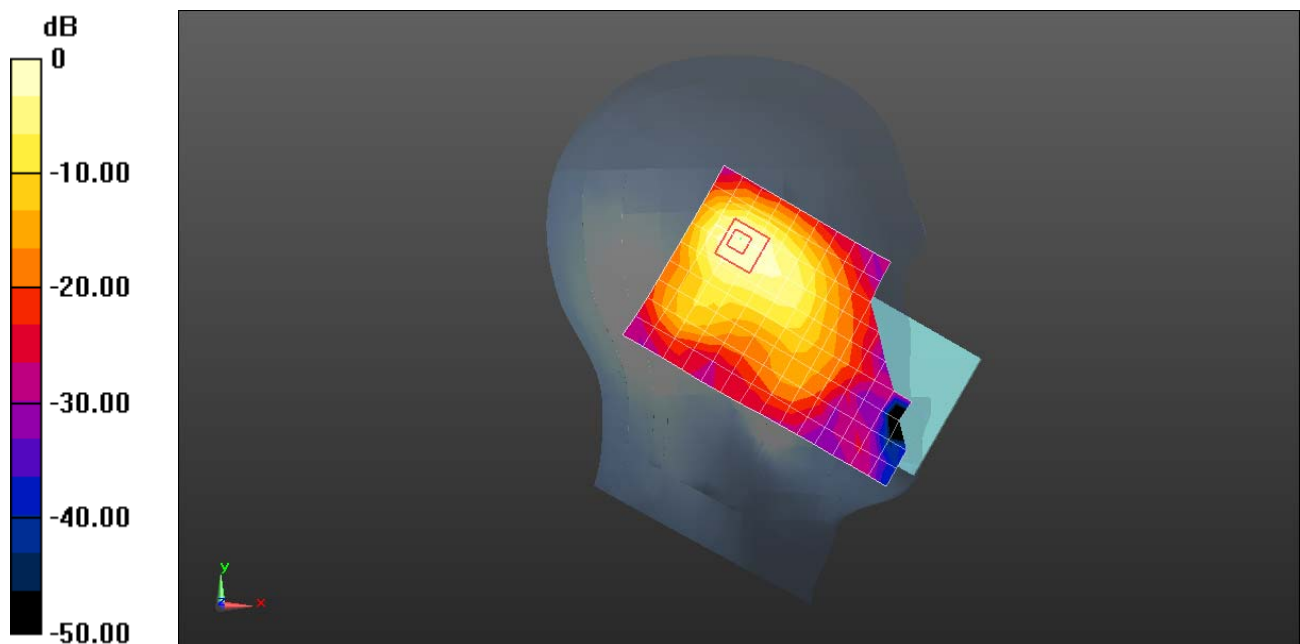
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.538 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 0.991 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 wifi2.4G 802.11b 1CH Back side 15mm

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 53.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.0644 W/kg

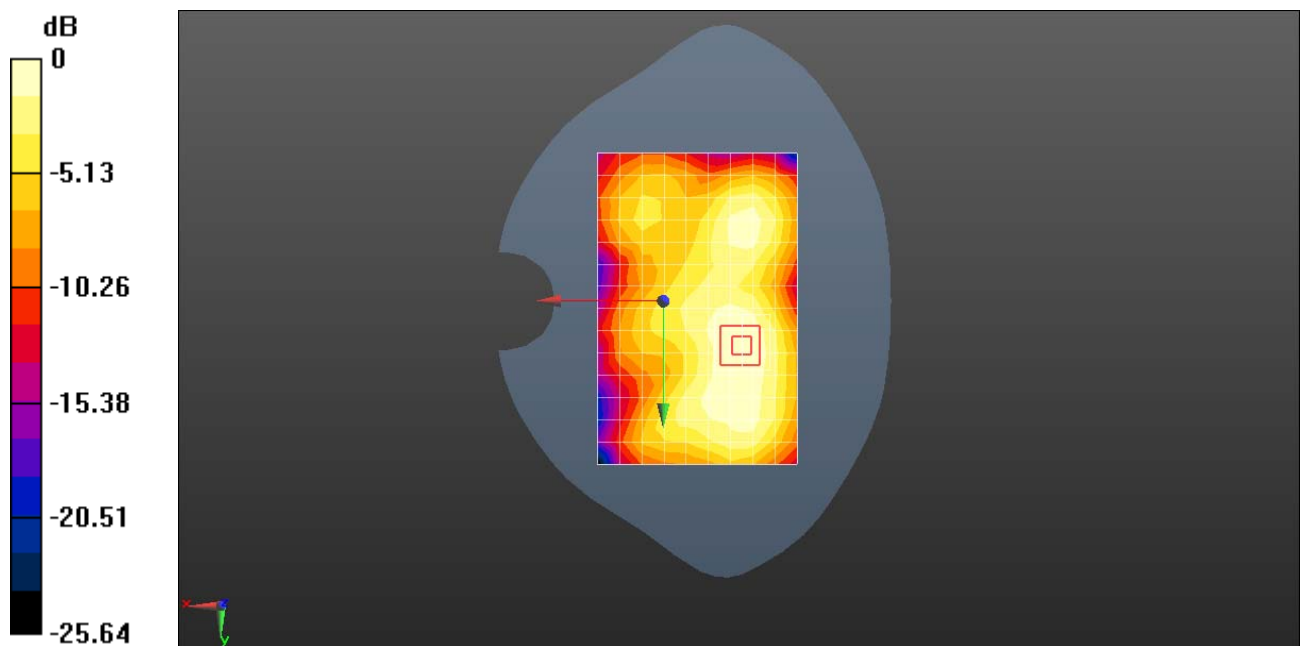
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.440 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0686 W/kg



0 dB = 0.0644 W/kg = -11.91 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX1 wifi2.4G 802.11b 1CH Right side 10mm

DUT: PRA-LX1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 53.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2016-9-27;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.171 W/kg

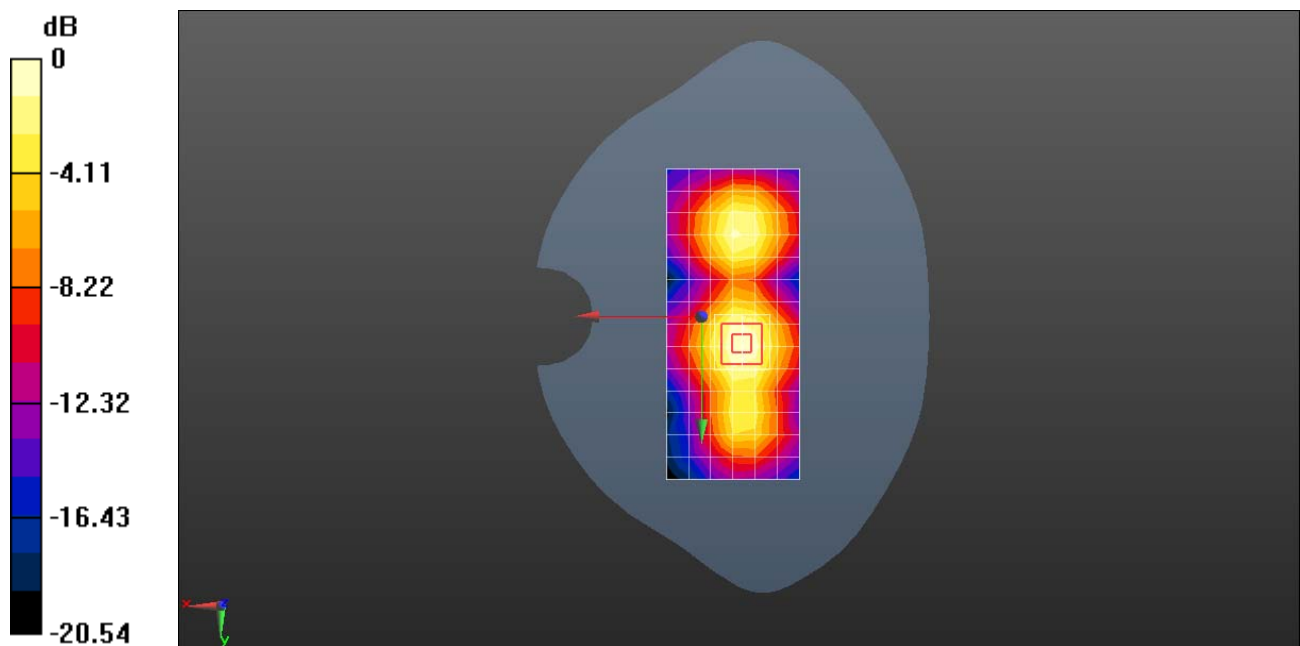
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.784 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.171 W/kg = -7.67 dBW/kg