



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Left hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 40.174$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.265 W/kg

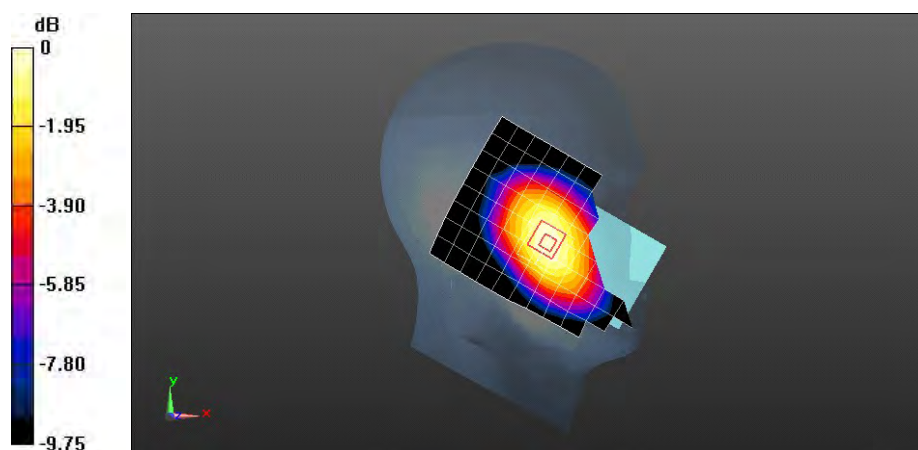
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.367 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Left hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 40.174$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.195 W/kg

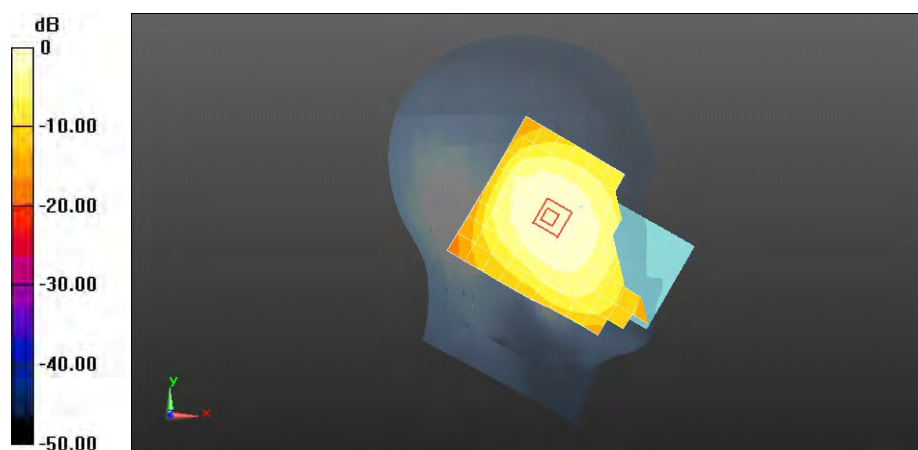
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.344 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.195 W/kg = -7.09 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Right hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 40.174$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.260 W/kg

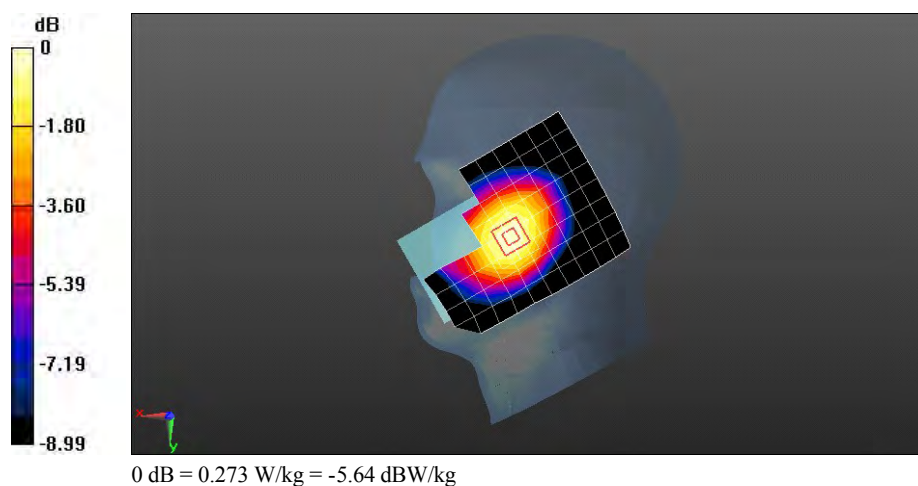
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.963 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.273 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Right hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 40.174$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

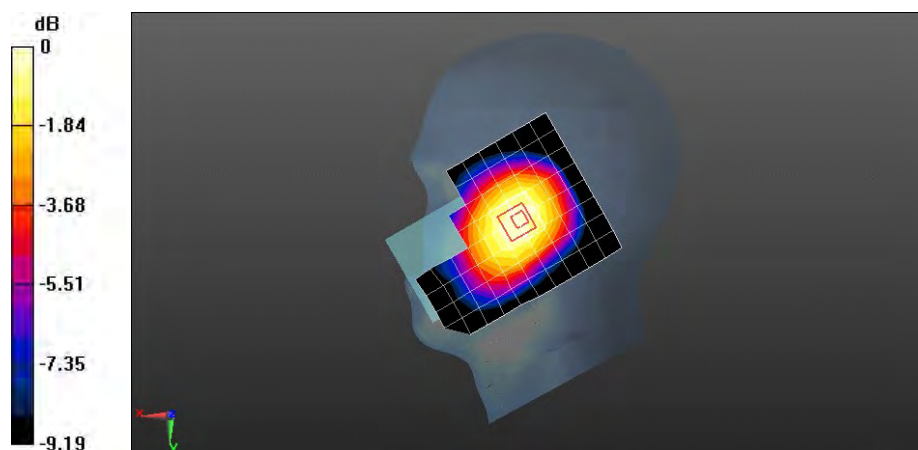
Maximum value of SAR (measured) = 0.195 W/kg

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

Reference Value = 9.608 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.145 W/kg



0 dB = 0.195 W/kg = -7.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Right hand touch cheek with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 40.174$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

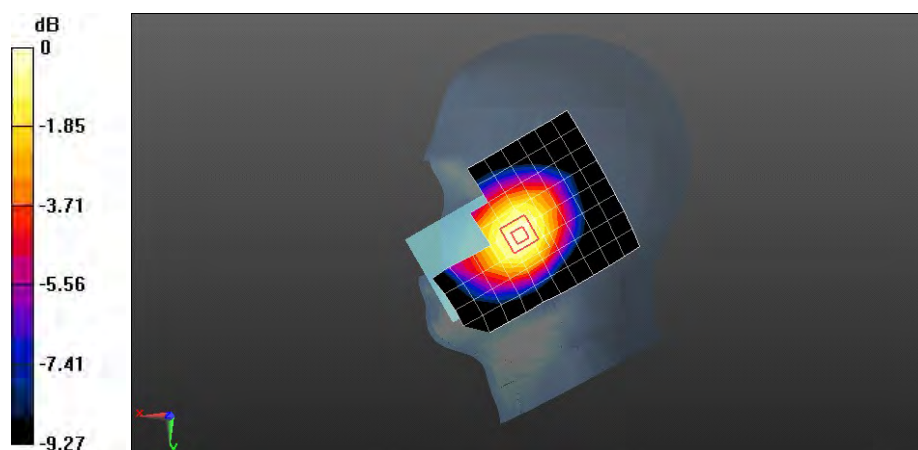
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.219 V/m; Power Drift = 0.13 dB

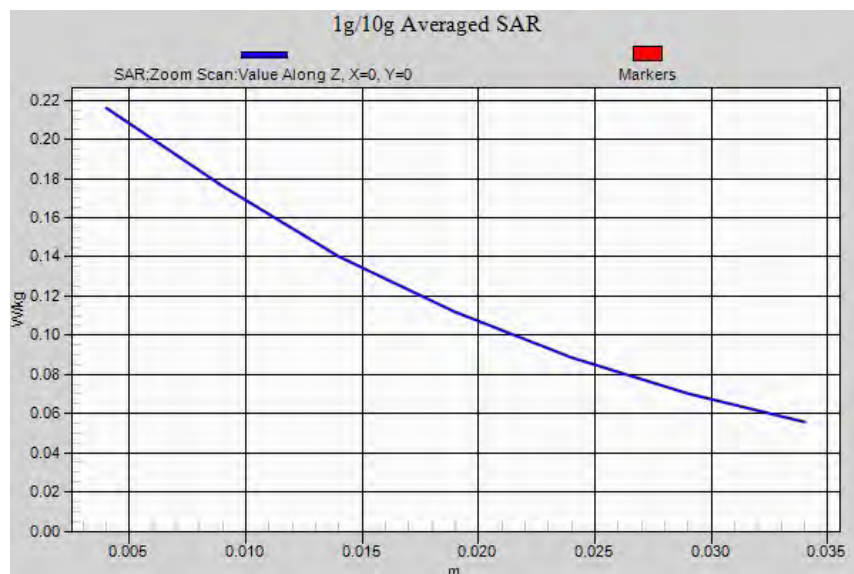
Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Front Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.321 W/kg

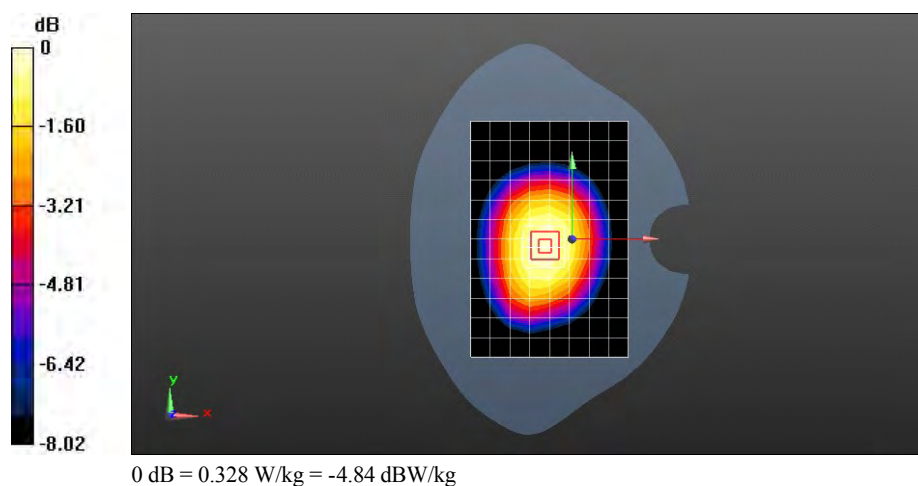
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.441 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 0.328 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Back Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.461 W/kg

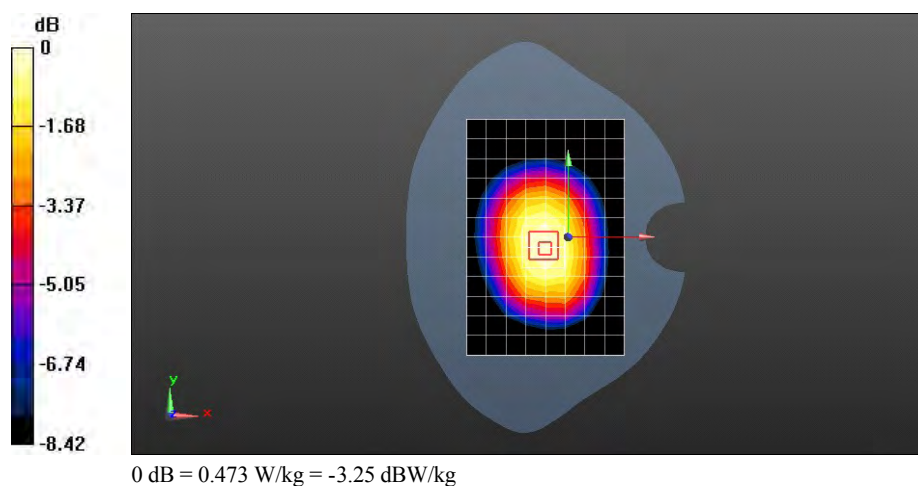
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.293 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 0.473 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 190CH Back Side 15mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.474 W/kg

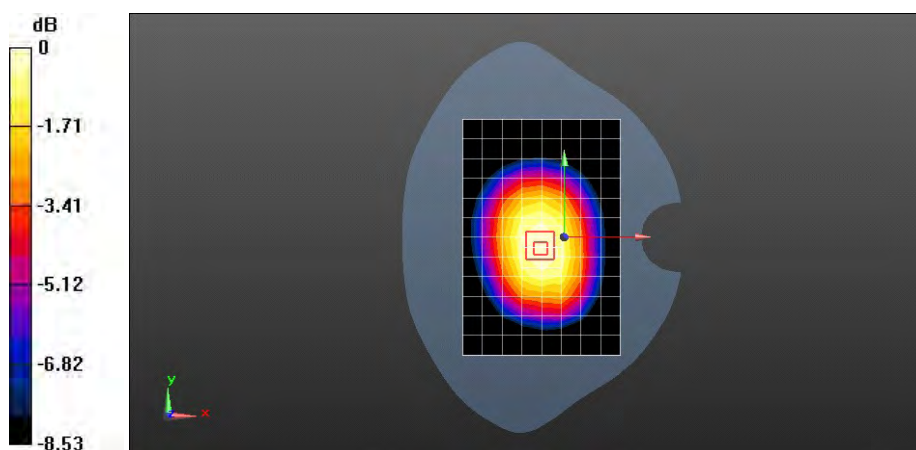
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.517 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 0.478 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 GPRS 2TS 190CH Front Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.462 W/kg

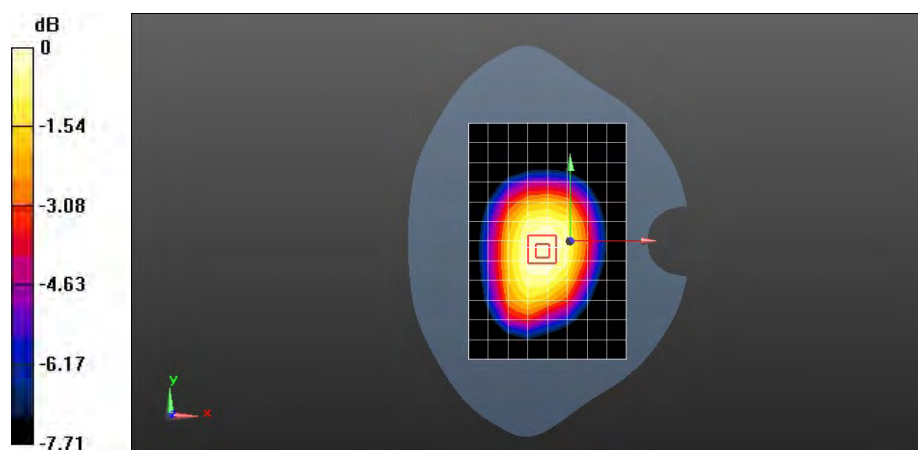
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.550 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 GPRS 2TS 190CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.708 W/kg

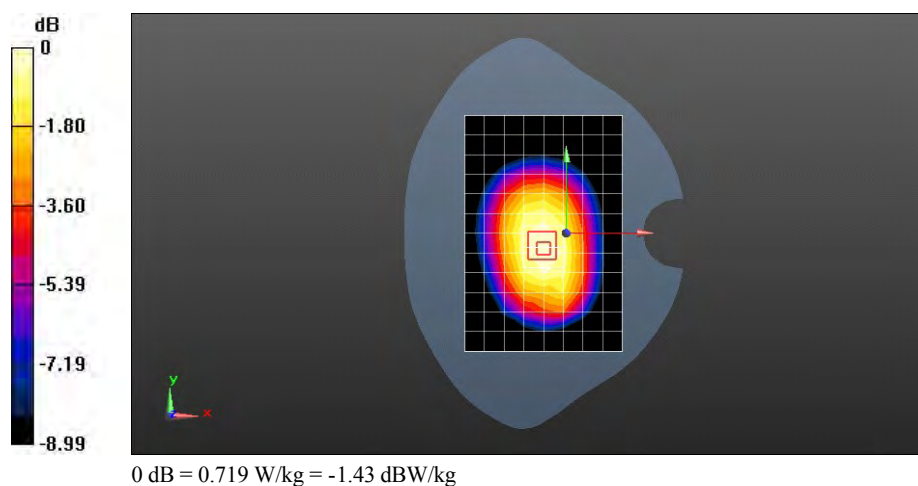
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.049 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.521 W/kg

Maximum value of SAR (measured) = 0.719 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 GPRS 2TS 190CH Left Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.509 W/kg

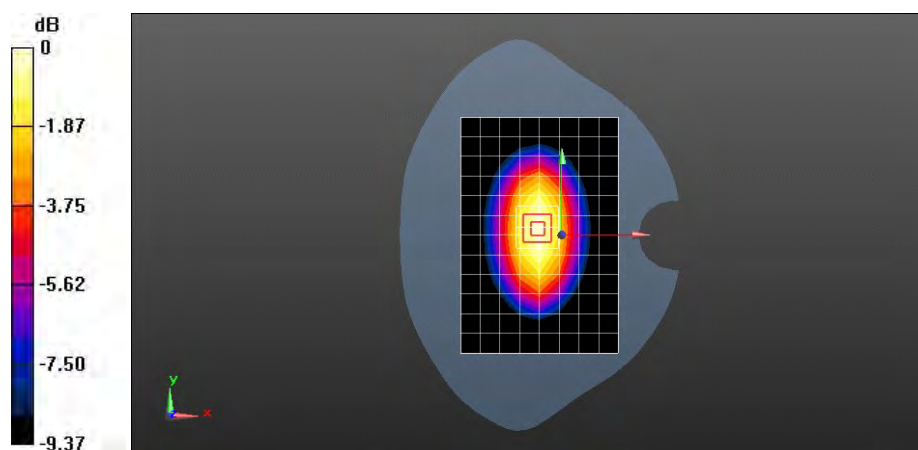
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.174 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.517 W/kg = -2.86 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 GPRS 2TS 190CH Right Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.509 W/kg

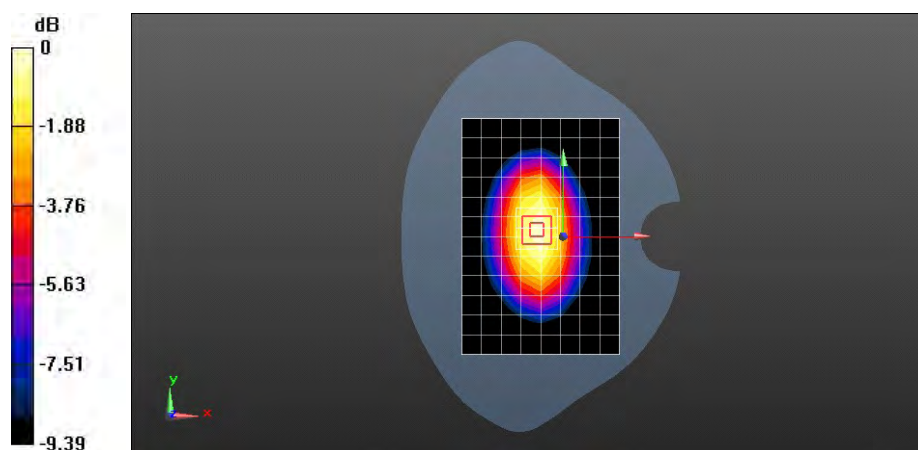
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.375 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.525 W/kg



0 dB = 0.525 W/kg = -2.80 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 GPRS 2TS 190CH Bottom Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0440 W/kg

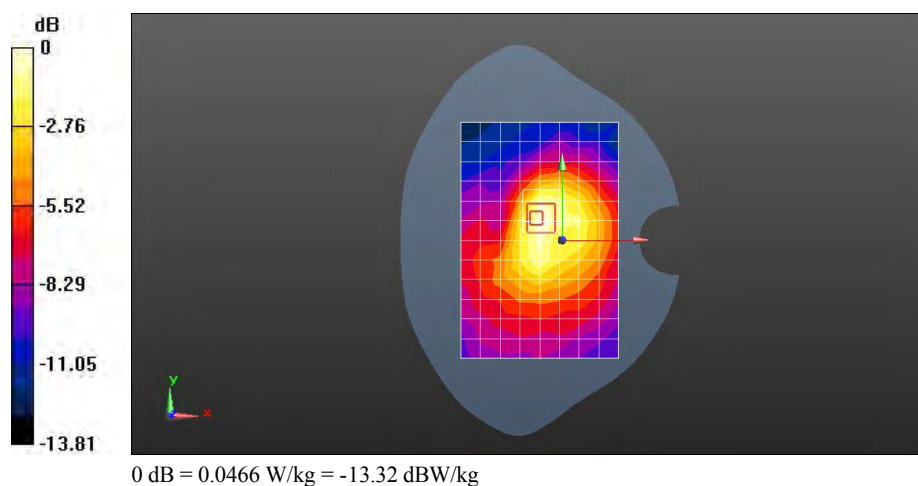
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.622 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0466 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM850 GPRS 2TS 190CH Back Side 10mm with battery 2#**DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.745 W/kg

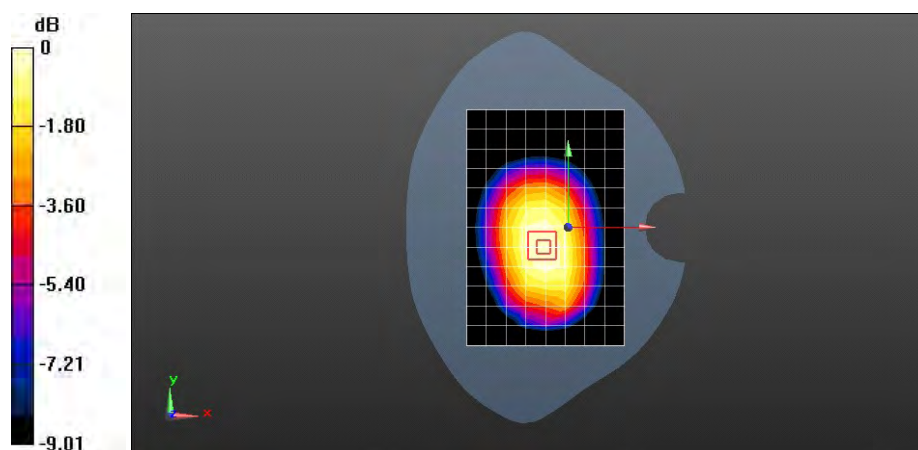
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.307 V/m; Power Drift = -0.06 dB

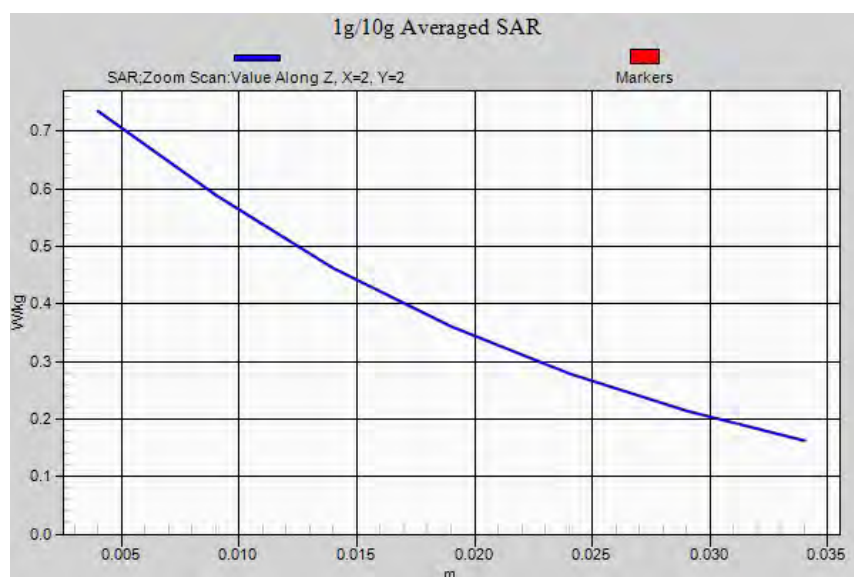
Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.537 W/kg

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



0 dB = 0.735 W/kg = -1.34 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Left hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

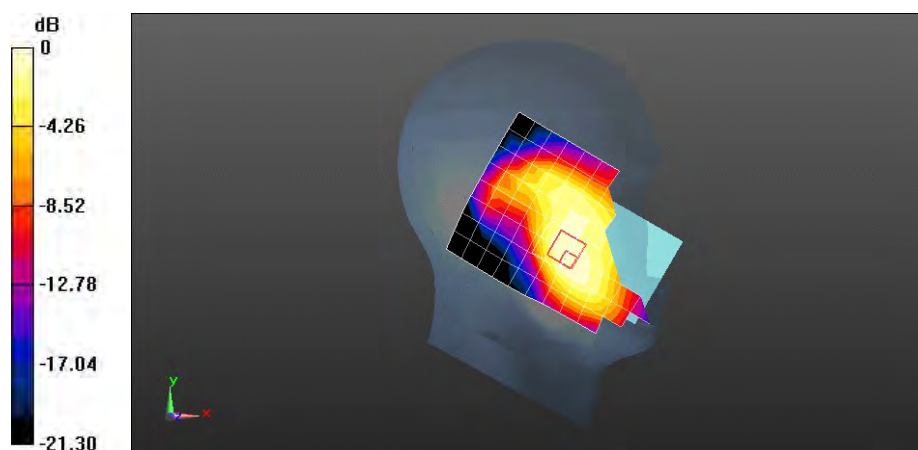
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.561 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.296 W/kg = -5.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Left hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

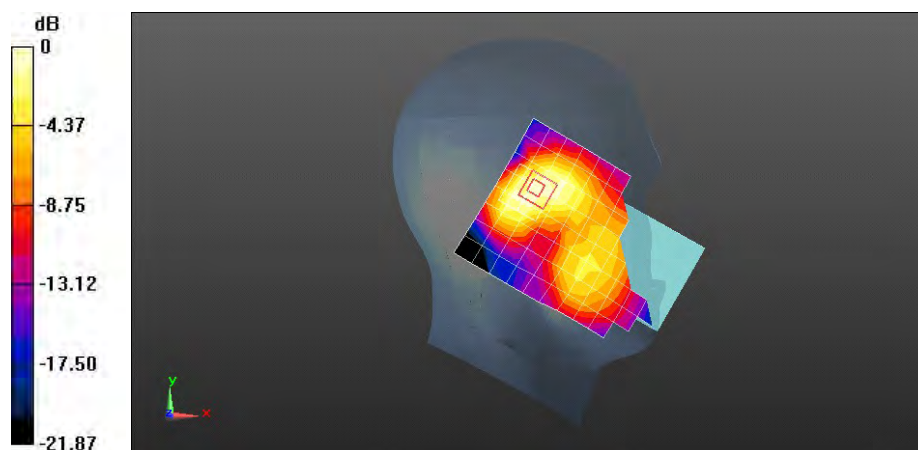
Maximum value of SAR (measured) = 0.163 W/kg

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

Reference Value = 11.026 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.097 W/kg



0 dB = 0.163 W/kg = -7.87 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Right hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.294 W/kg

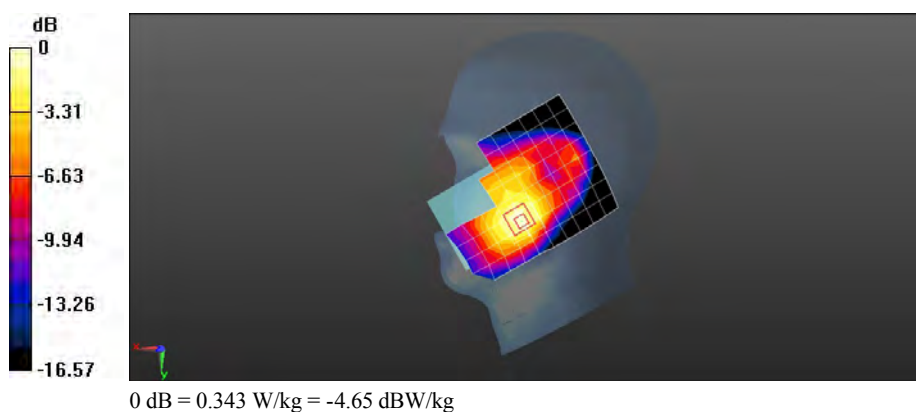
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.589 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Right hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.151 W/kg

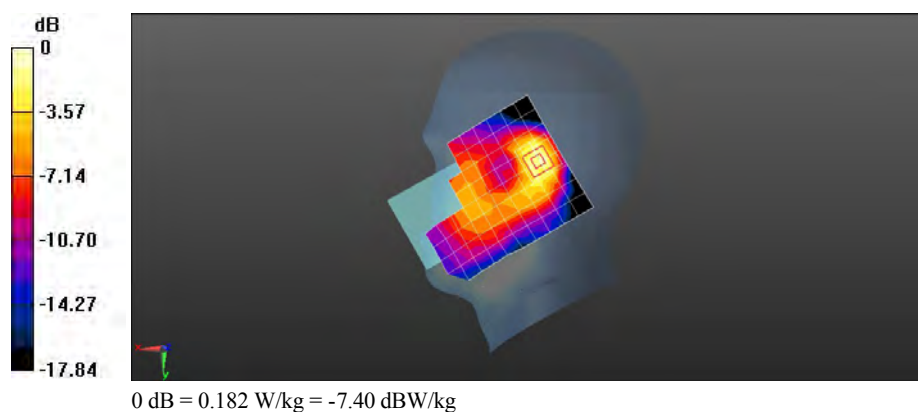
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.678 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.182 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Right hand touch cheek with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.308 W/kg

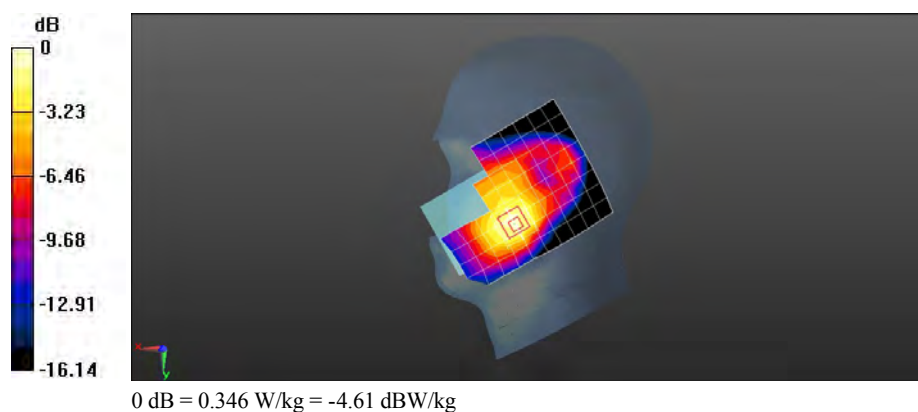
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.593 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Front Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.284 W/kg

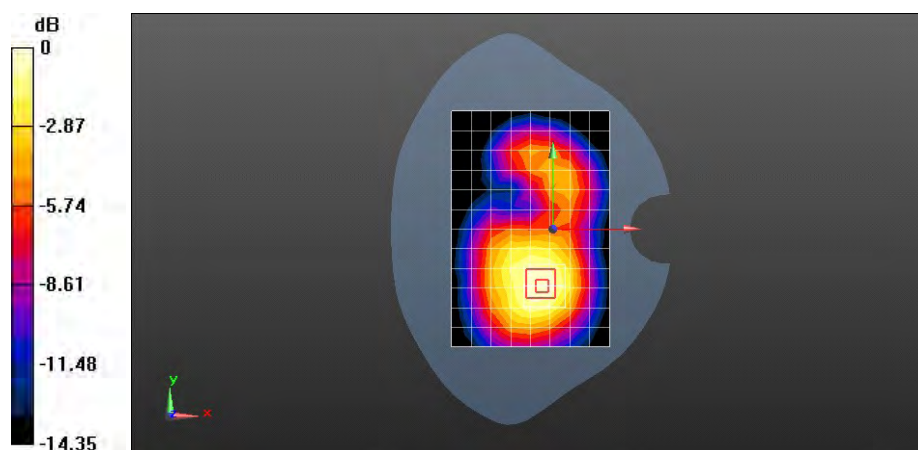
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.314 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.31 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Back Side 15mm**DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.350 W/kg

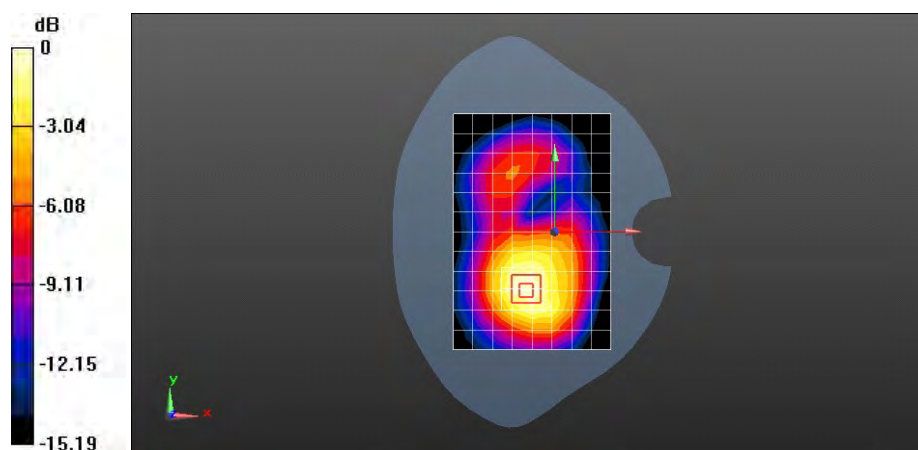
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.369 V/m; Power Drift = 0.02 dB

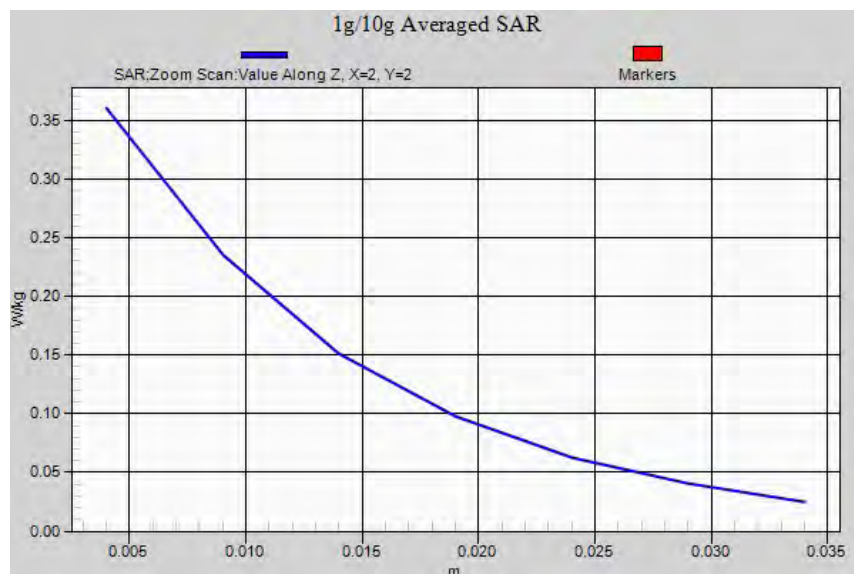
Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 661CH Back Side 15mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.348 W/kg

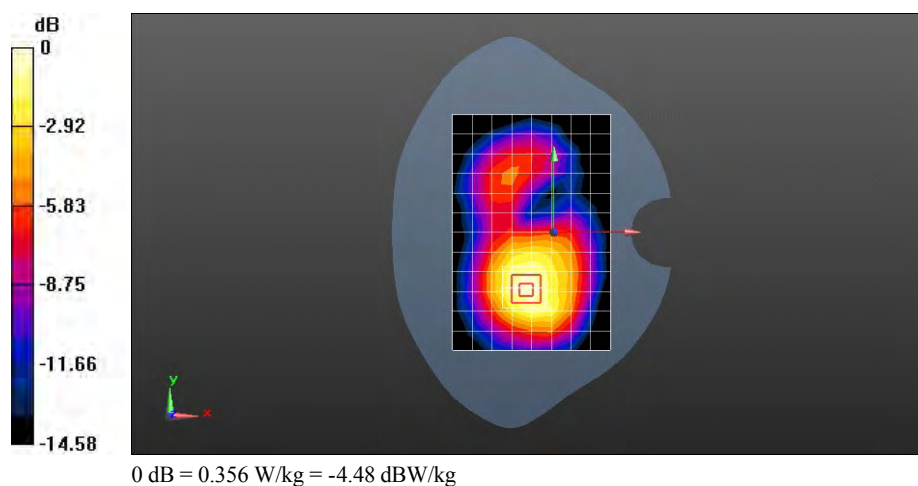
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.437 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.356 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 GPRS 2TS 661CH Front Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.442 W/kg

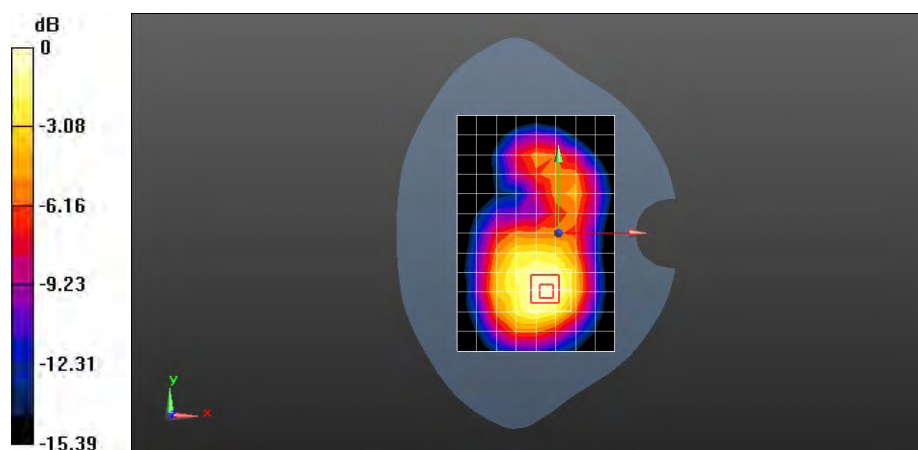
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.294 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.663 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 GPRS 2TS 661CH Back Side 10mm**DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.619 W/kg

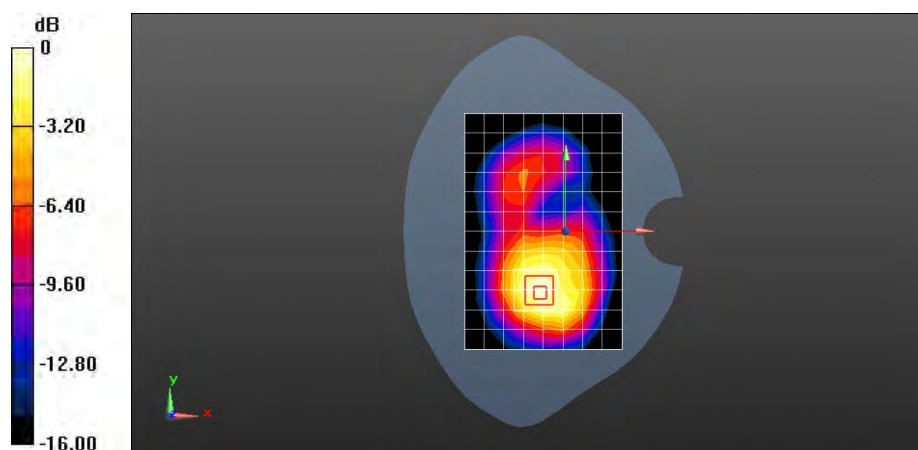
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.022 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 GPRS 2TS 661CH Left Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.180 W/kg

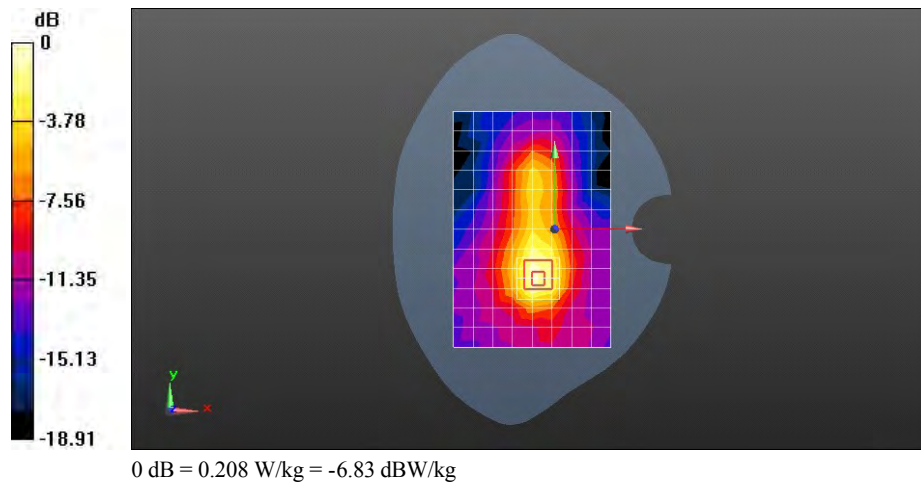
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.777 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 GPRS 2TS 661CH Right Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.135 W/kg

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

Reference Value = 5.415 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.074 W/kg

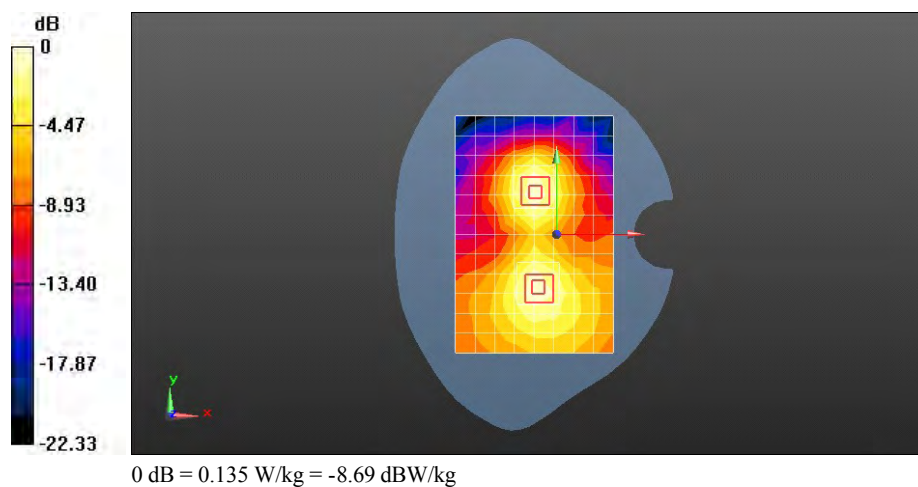
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.415 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 GPRS 2TS 661CH Bottom Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.292 W/kg

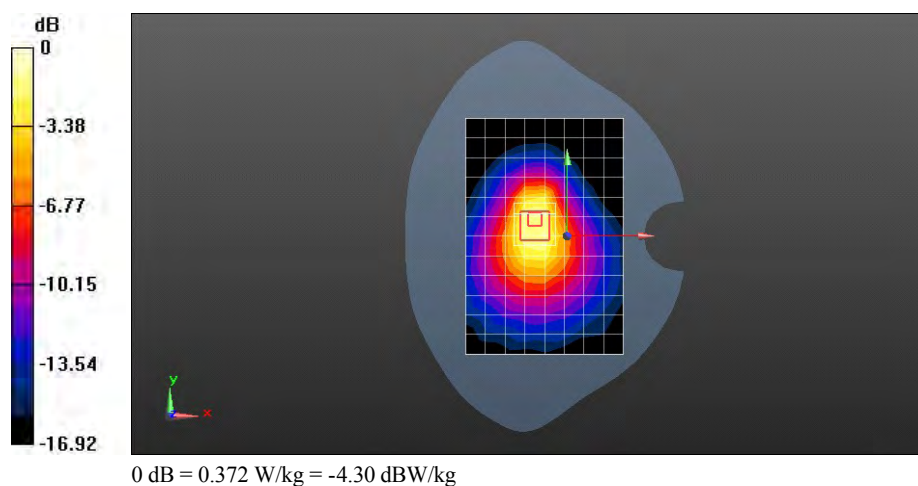
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.291 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 GSM1900 GPRS 2TS 661CH Back Side 10mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.570 W/kg

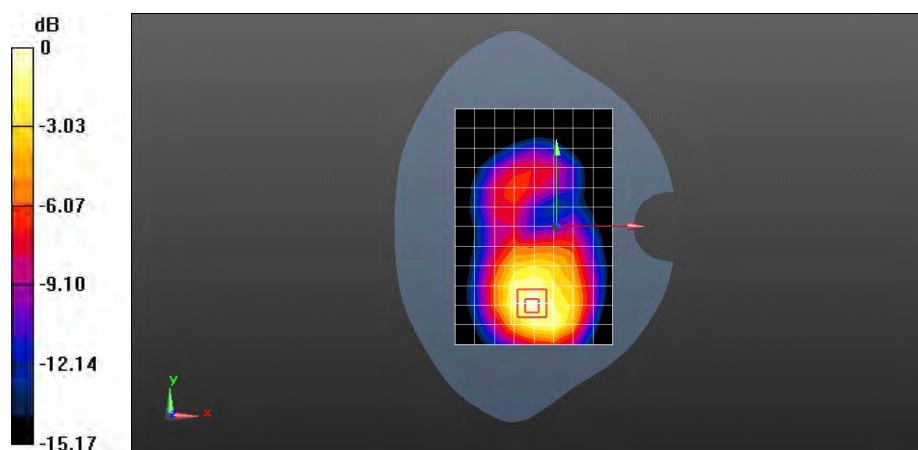
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.459 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg = -2.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Left hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.224$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

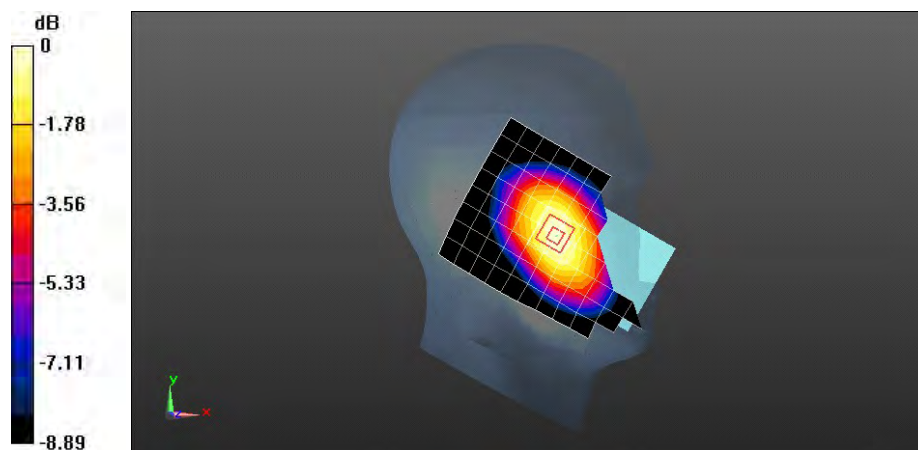
Reference Value = 5.900 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.151 W/kg

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

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Left hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.224$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.165 W/kg

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

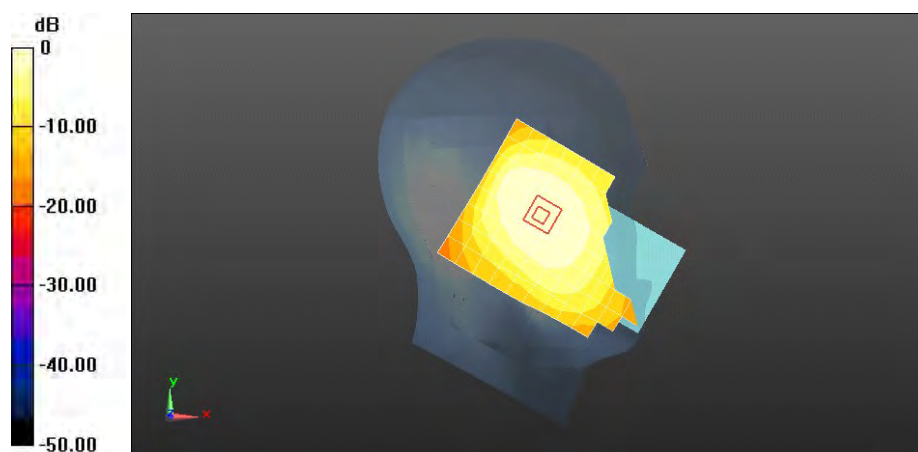
Reference Value = 9.920 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.127 W/kg

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

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.165 W/kg = -7.81 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Right hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.224$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.237 W/kg

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

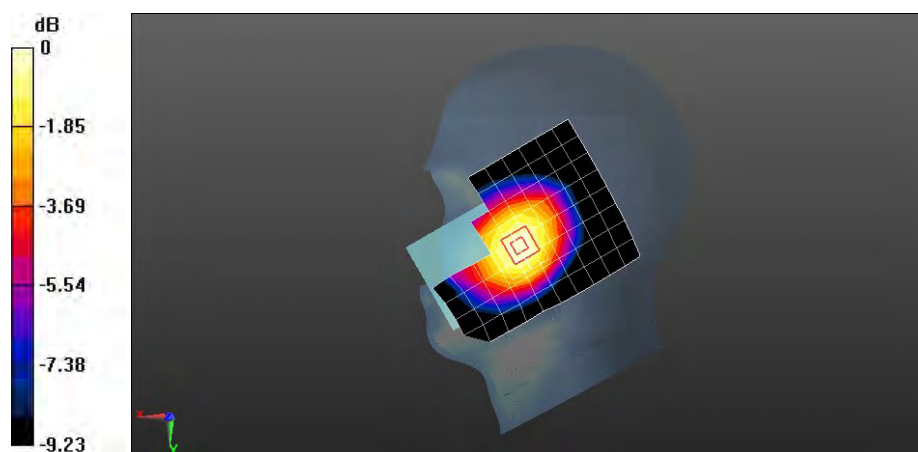
Reference Value = 5.646 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.183 W/kg

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

Maximum value of SAR (measured) = 0.253 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Right hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.224$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.171 W/kg

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

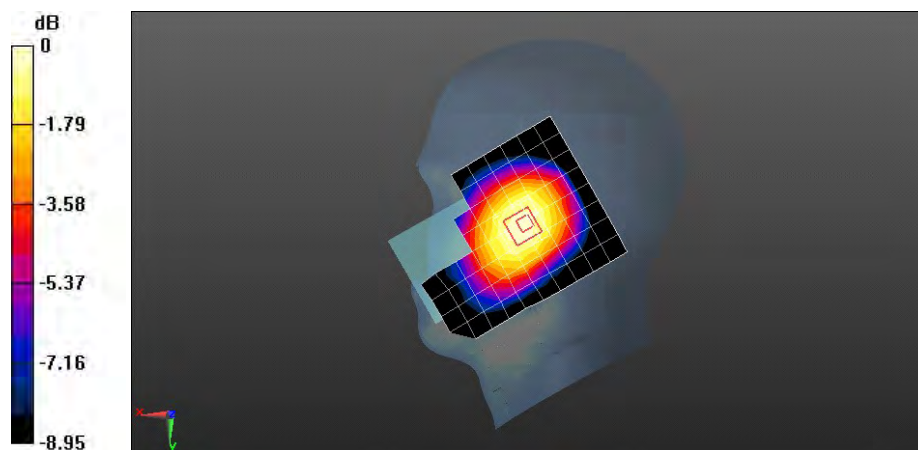
Reference Value = 9.117 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.128 W/kg

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

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Right hand touch cheek with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.224$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.236 W/kg

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

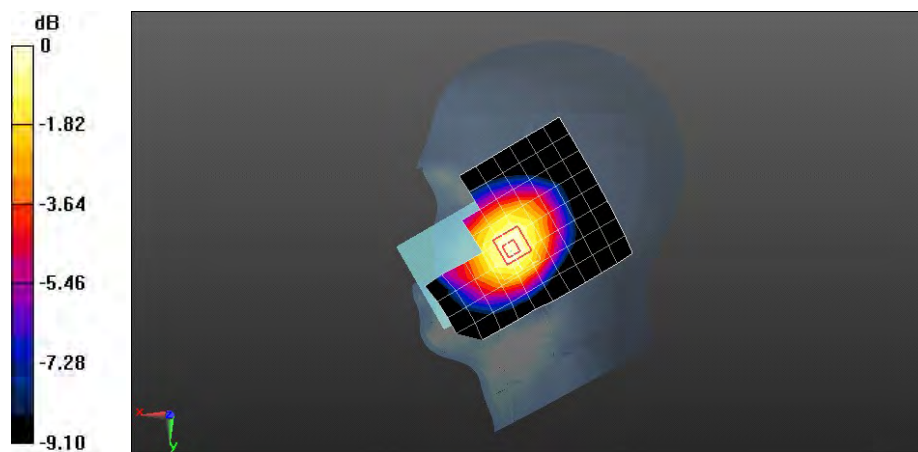
Reference Value = 5.800 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.179 W/kg

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

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Front Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.284 W/kg

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

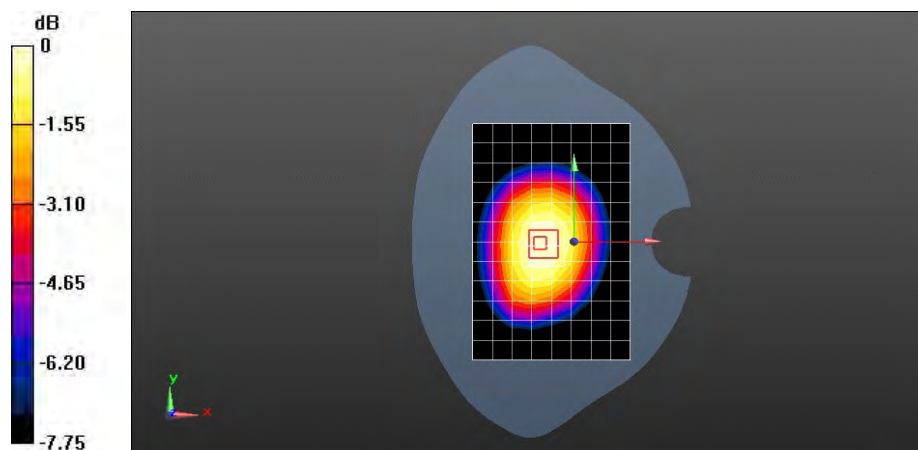
Reference Value = 17.595 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.210 W/kg

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

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Back Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.434 W/kg

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

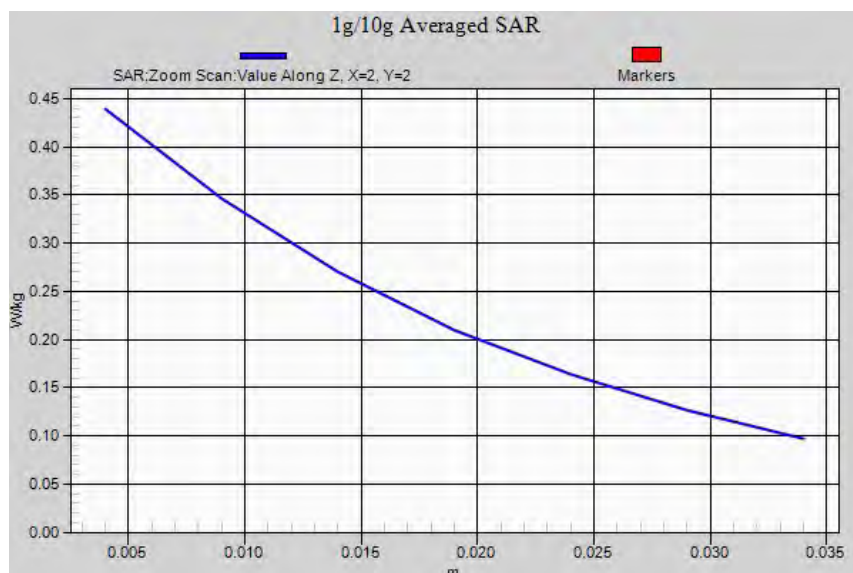
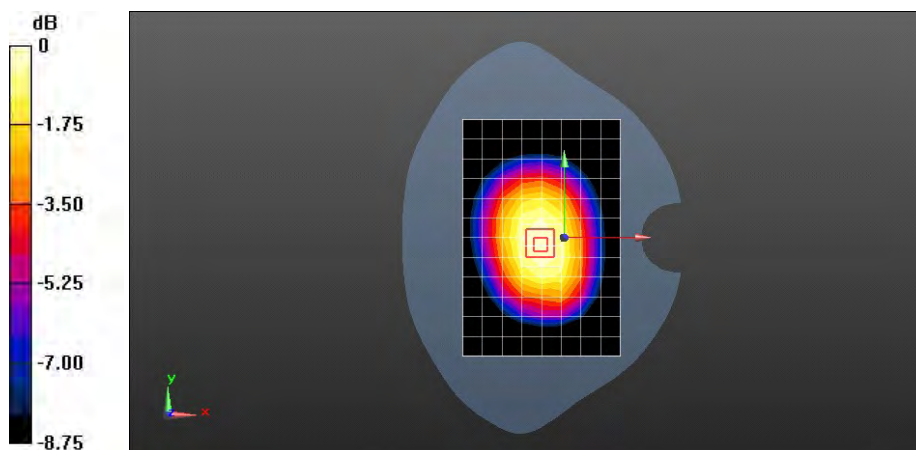
Reference Value = 21.381 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.317 W/kg

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

Maximum value of SAR (measured) = 0.439 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Back Side 15mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.414 W/kg

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

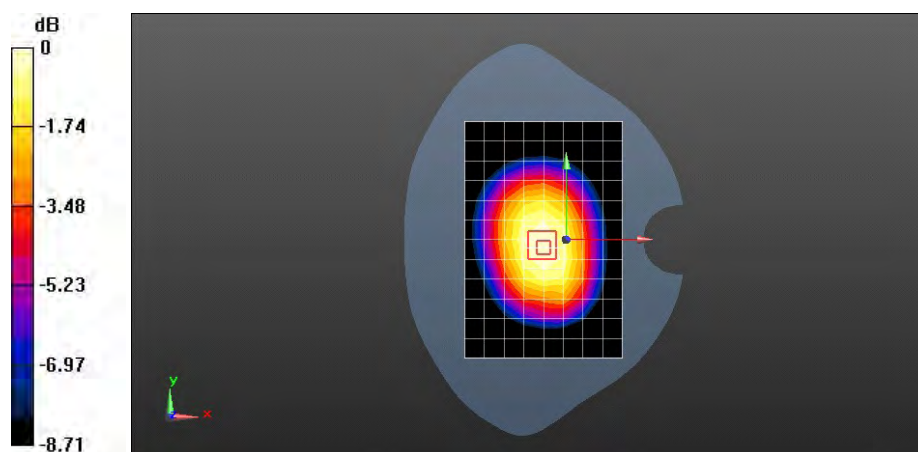
Reference Value = 21.141 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.303 W/kg

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

Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Front Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.323 W/kg

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

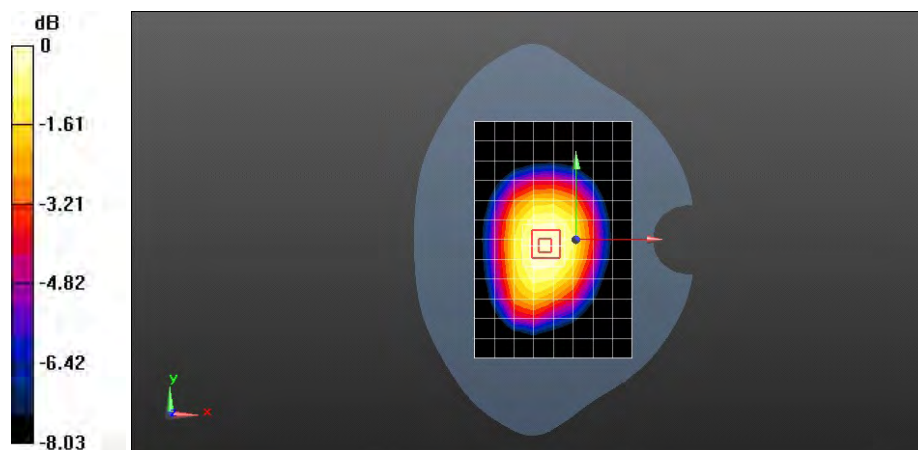
Reference Value = 18.701 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.244 W/kg

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

Maximum value of SAR (measured) = 0.330 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

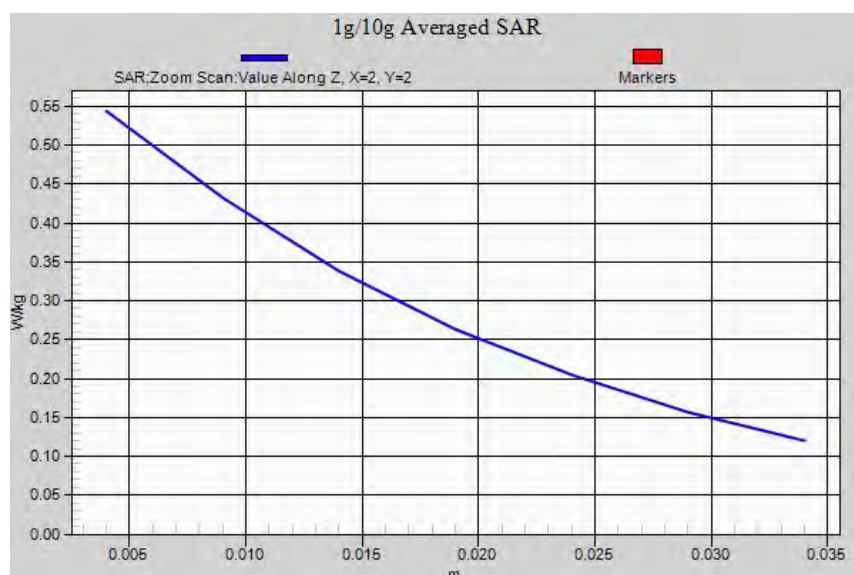
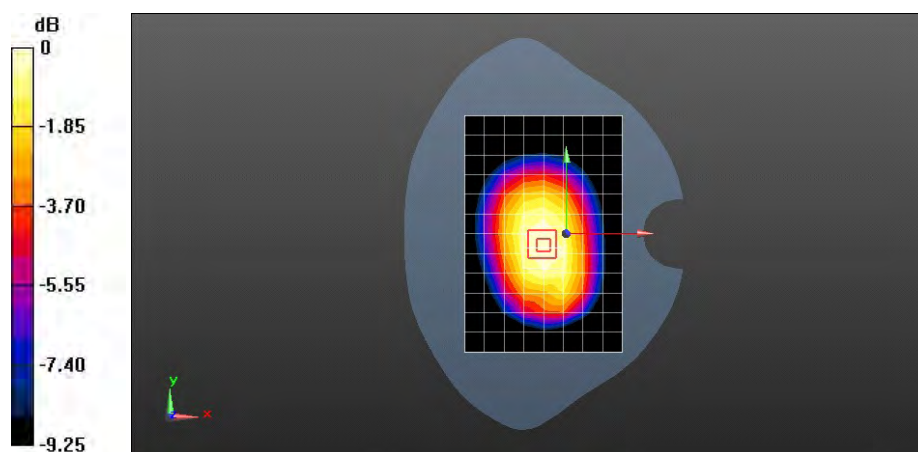
Reference Value = 23.963 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.396 W/kg

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

Maximum value of SAR (measured) = 0.544 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Left Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.344 W/kg

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

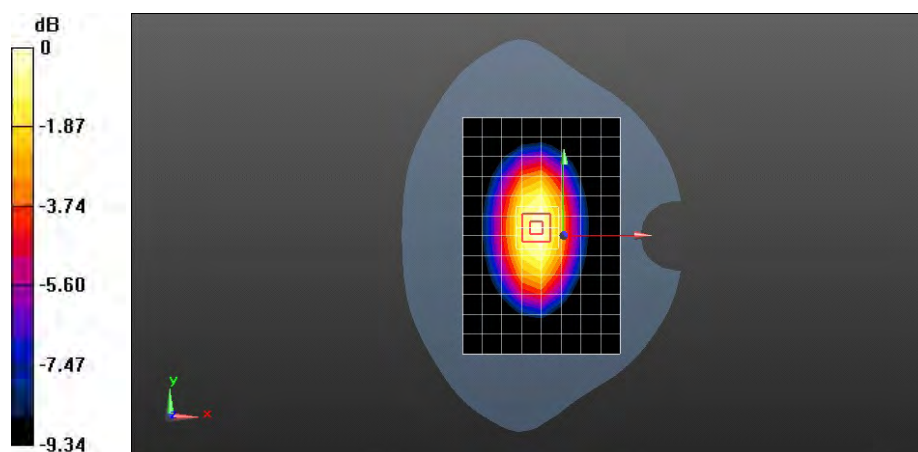
Reference Value = 19.178 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.230 W/kg

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

Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Right Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.369 W/kg

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

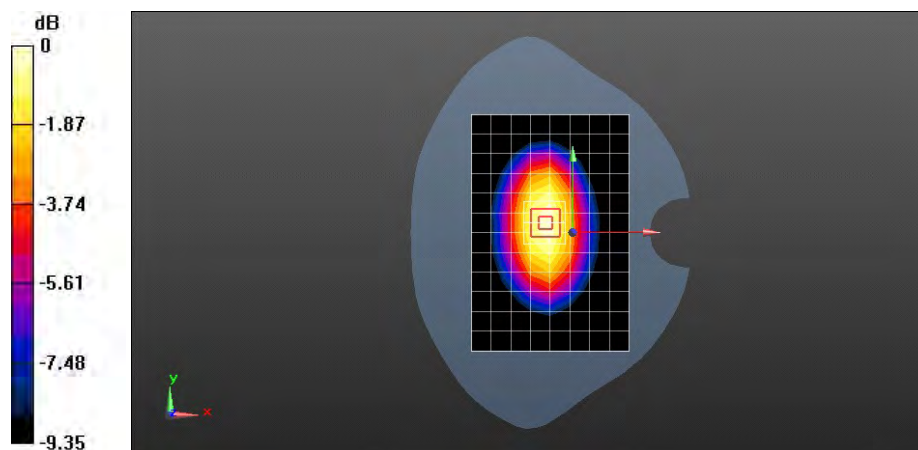
Reference Value = 19.695 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.250 W/kg

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

Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.384 W/kg = -4.15 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Bottom Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.0331 W/kg

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

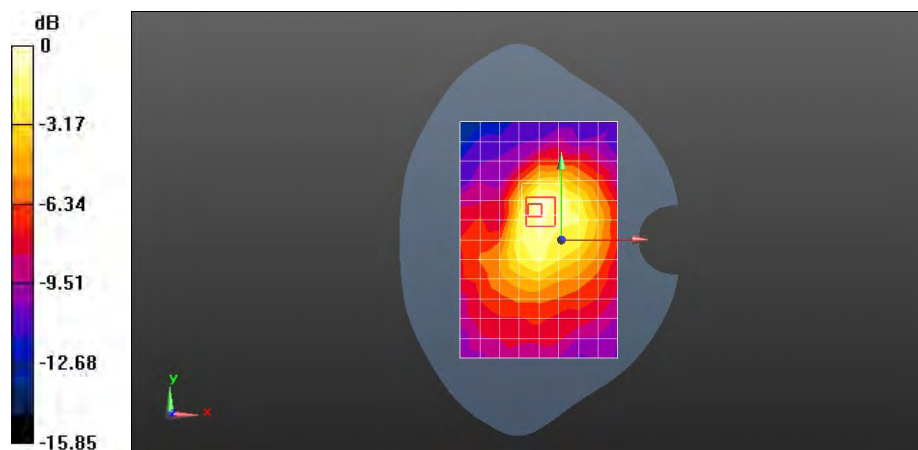
Reference Value = 5.468 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.019 W/kg

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

Maximum value of SAR (measured) = 0.0359 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band V 4182CH Back Side 10mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.520 W/kg

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

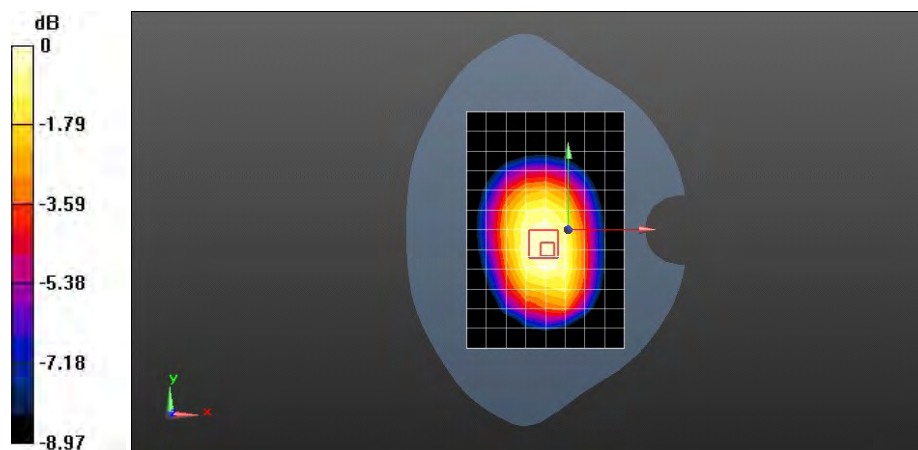
Reference Value = 23.103 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.379 W/kg

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

Maximum value of SAR (measured) = 0.517 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Left hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 40.54$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.429 W/kg

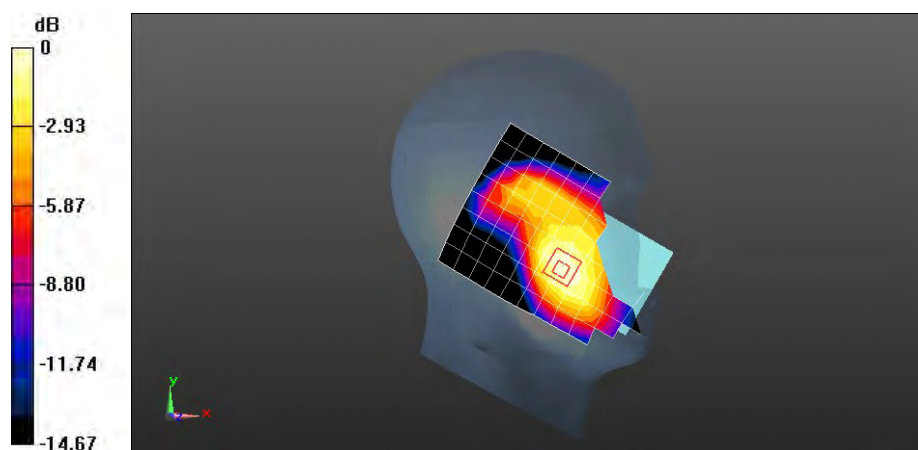
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.868 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.426 W/kg = -3.71 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Left hand touch tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1733$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 40.54$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.255 W/kg

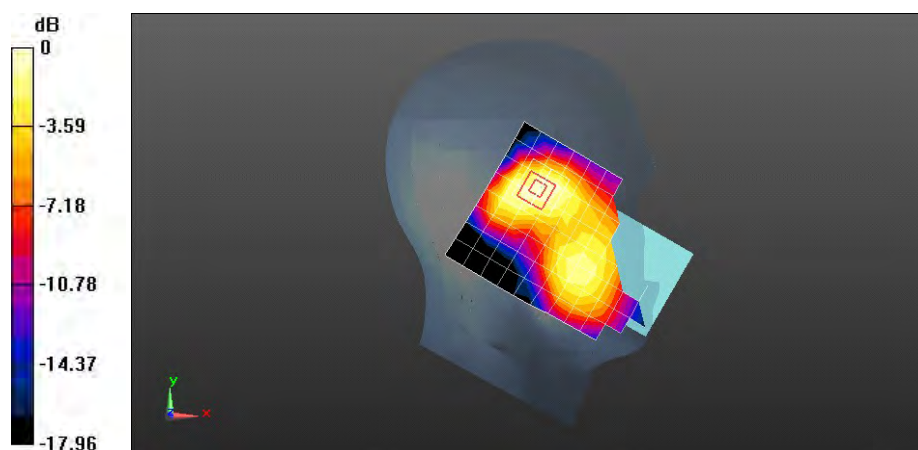
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.010 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg = -5.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Right hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 40.54$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.376 W/kg

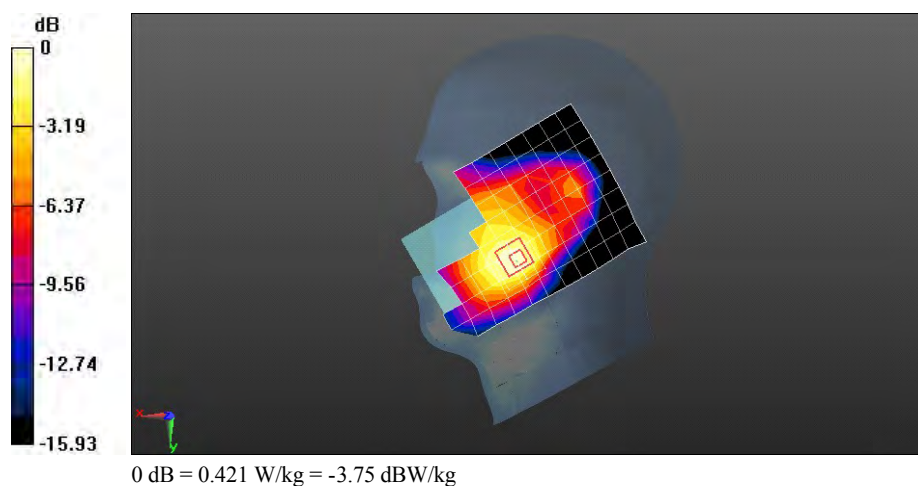
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.061 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.421 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Right hand touch tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 40.54$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.199 W/kg

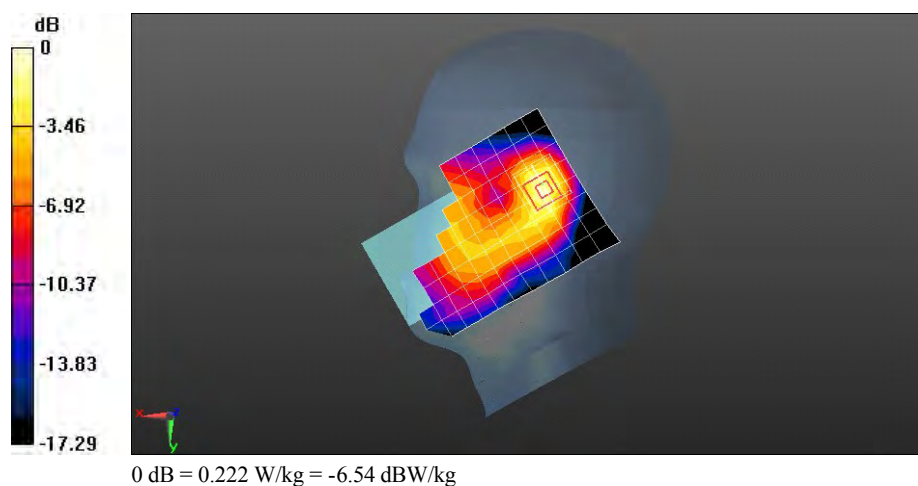
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.022 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Left hand touch cheek with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 40.54$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.426 W/kg

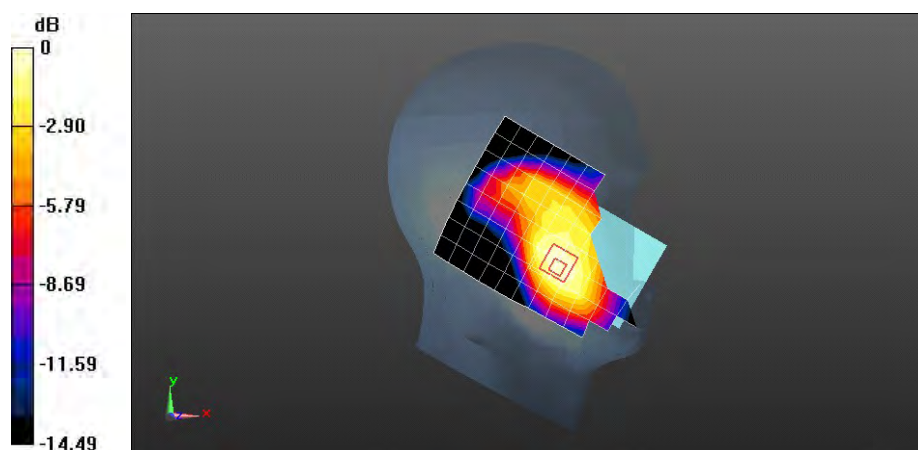
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.064 V/m; Power Drift = -0.01 dB

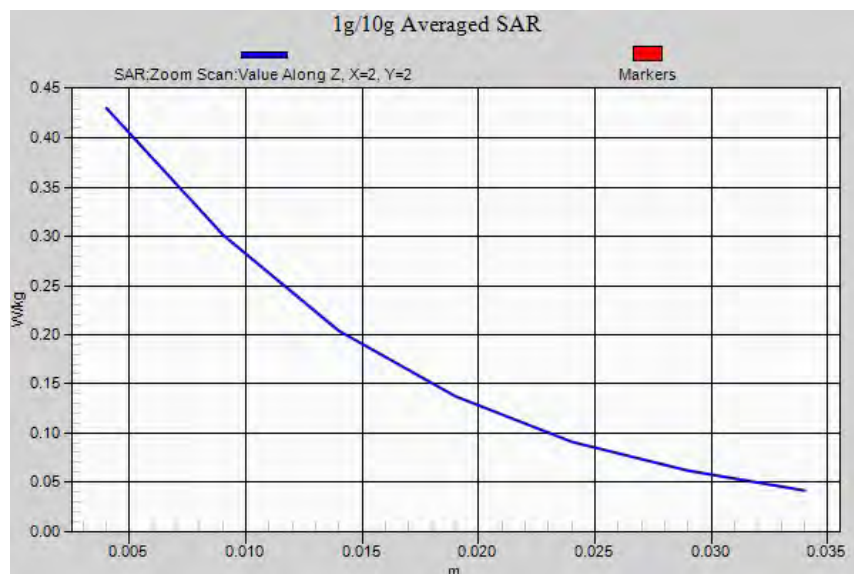
Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Front Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.386 W/kg

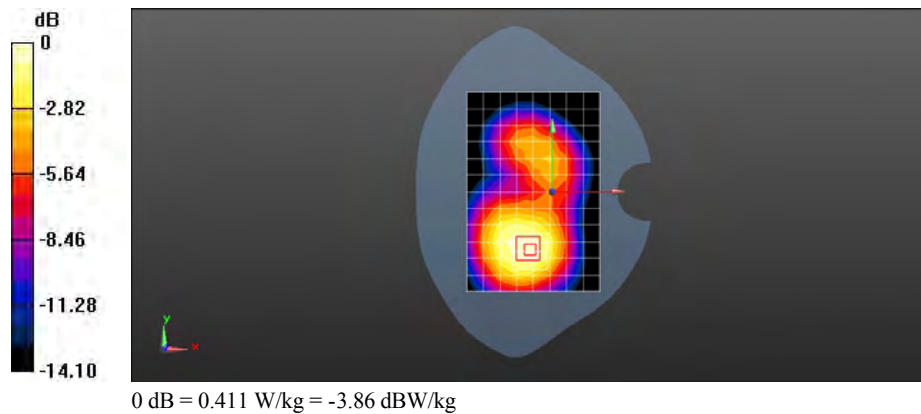
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.976 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.411 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Back Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.453 W/kg

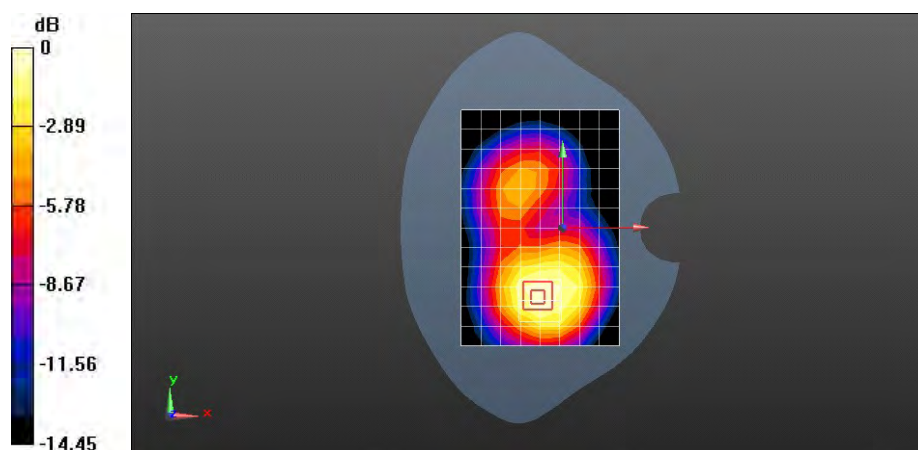
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.219 V/m; Power Drift = -0.12 dB

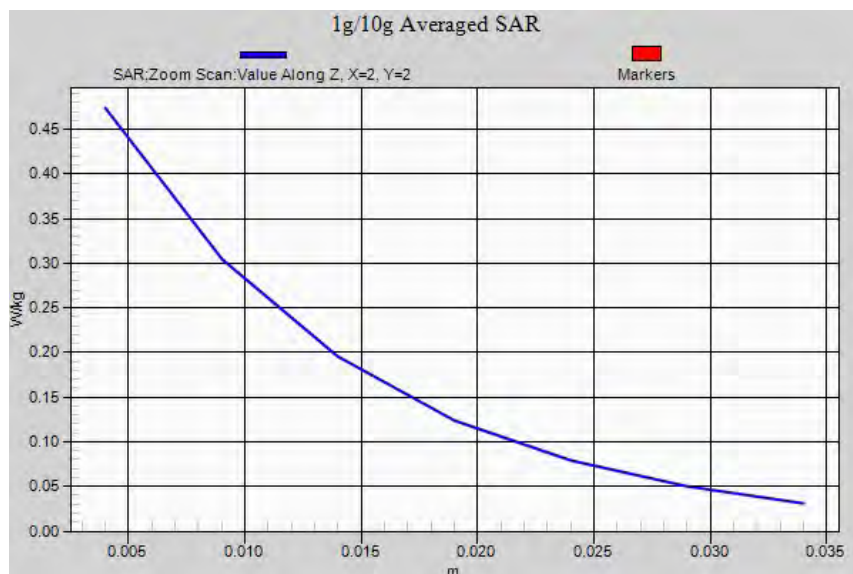
Peak SAR (extrapolated) = 0.666 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Back Side 15mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.438 W/kg

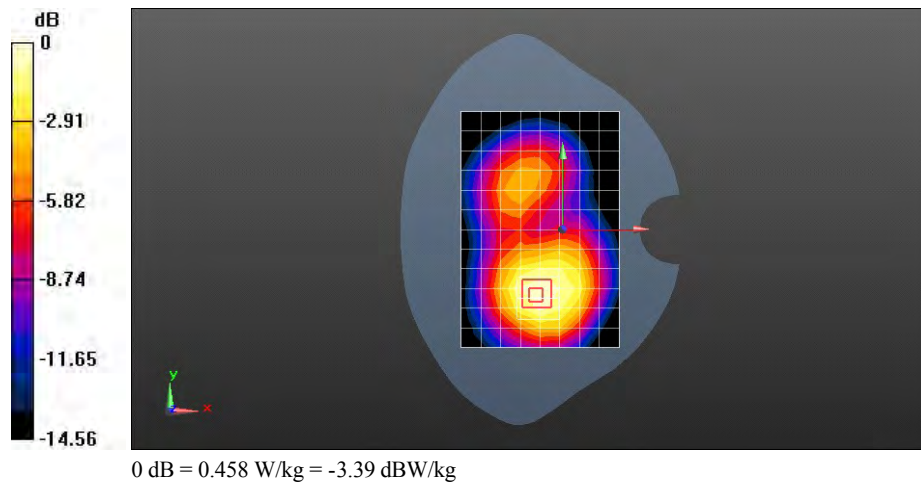
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.151 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Front Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.617 W/kg

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

Reference Value = 9.368 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 0.632 W/kg

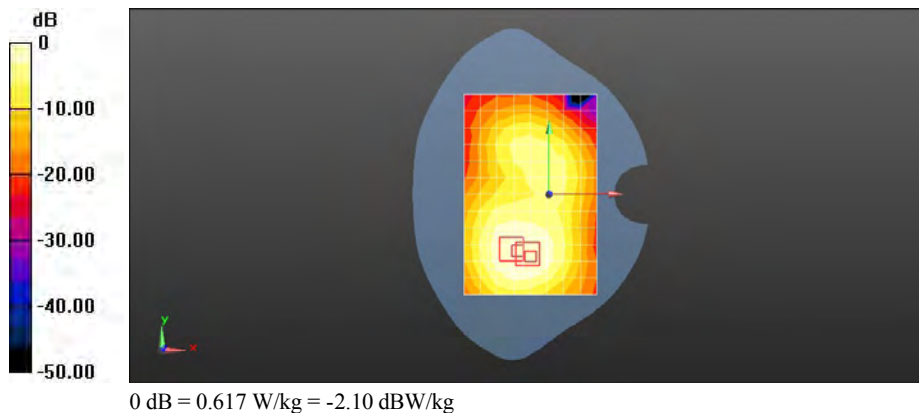
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.368 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.832 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.593 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.776 W/kg

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

Reference Value = 8.630 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 0.812 W/kg

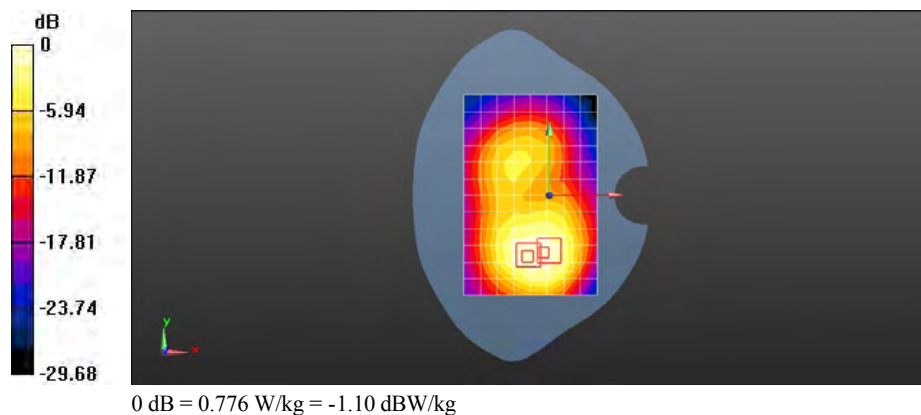
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.630 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 0.702 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1312CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 53.039$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.836 W/kg

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

Reference Value = 9.490 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.501 W/kg

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

Maximum value of SAR (measured) = 0.894 W/kg

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

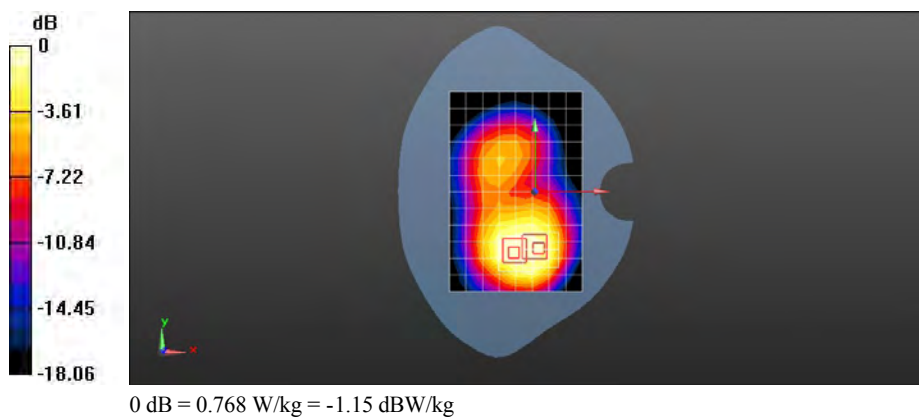
Reference Value = 9.490 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.437 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1312CH Back Side-repeated 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 53.039$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.836 W/kg

Configuration/Body/Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.779 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.506 W/kg

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

Maximum value of SAR (measured) = 0.889 W/kg

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

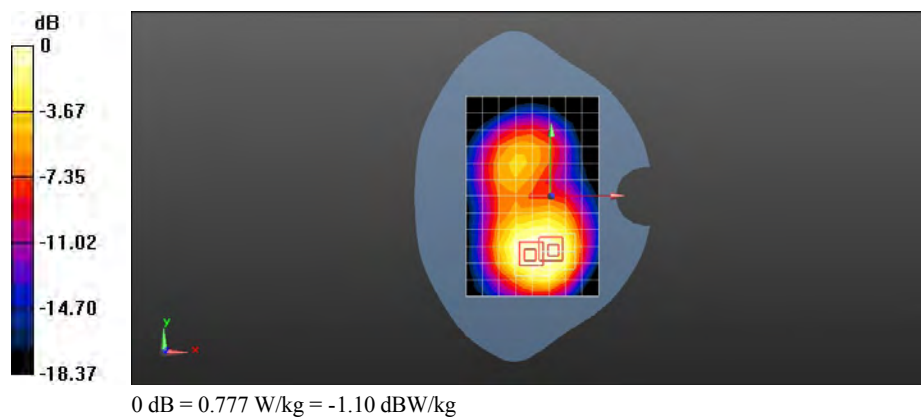
Reference Value = 9.779 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.436 W/kg

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

Maximum value of SAR (measured) = 0.777 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1513CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.859 W/kg

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

Reference Value = 8.314 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 0.866 W/kg

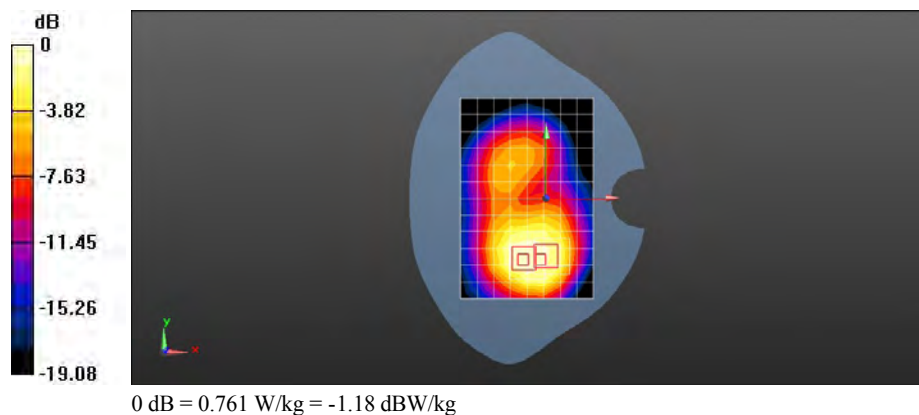
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.314 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 0.761 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Left Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.294 W/kg

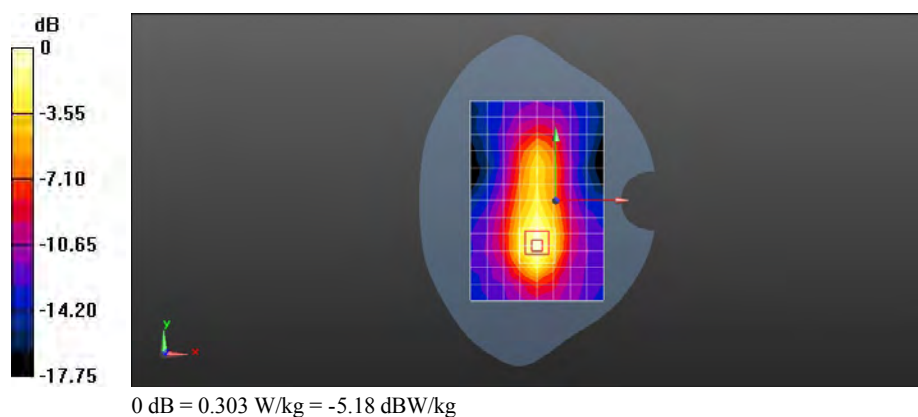
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.497 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.303 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Right Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.139 W/kg

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

Reference Value = 7.206 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.143 W/kg

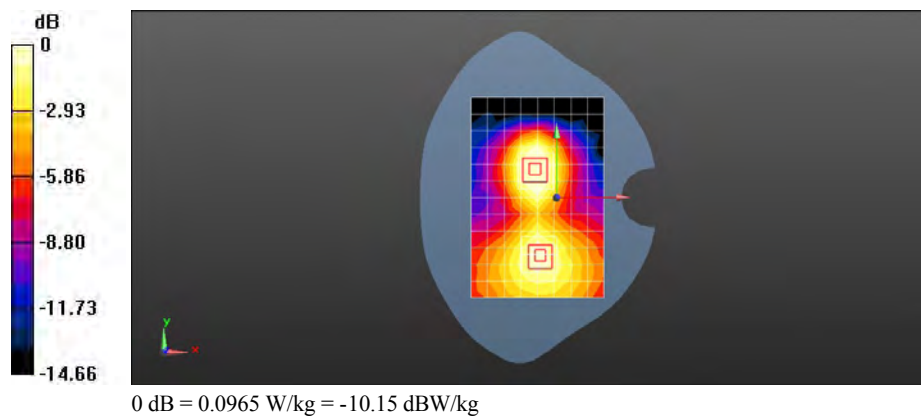
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.206 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.0965 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1413CH Bottom Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 52.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.533 W/kg

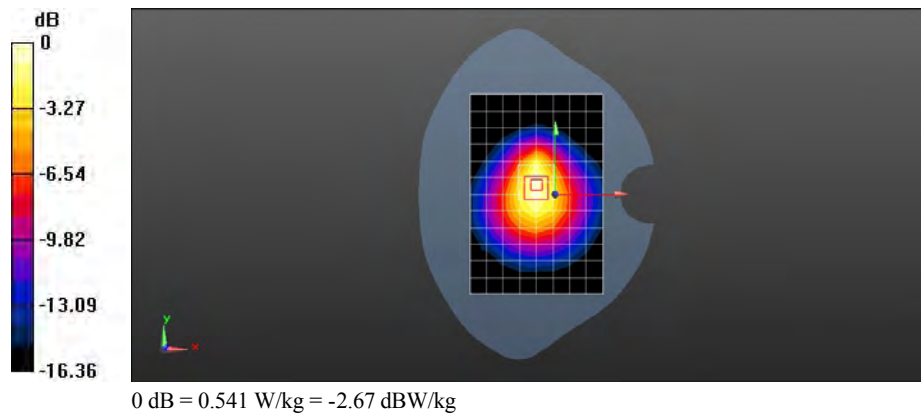
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.074 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.541 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band IV 1513CH Back Side 10mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.829 W/kg

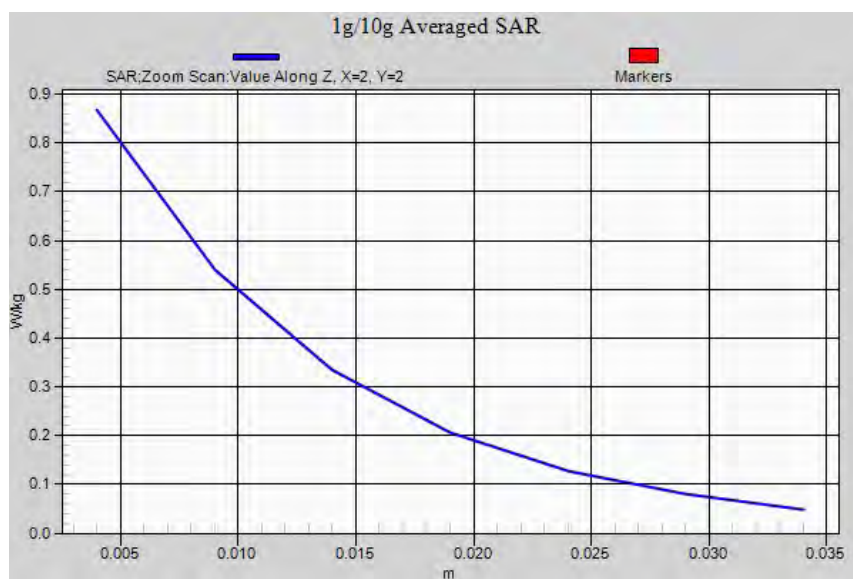
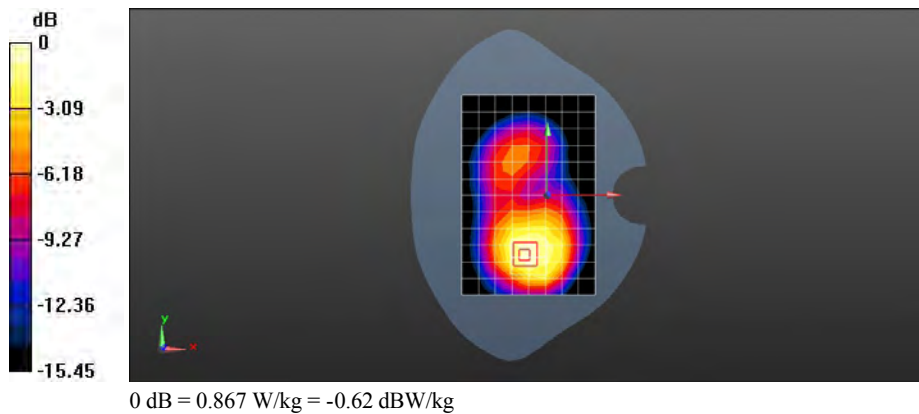
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.641 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.491 W/kg

Maximum value of SAR (measured) = 0.867 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Left hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.454 W/kg

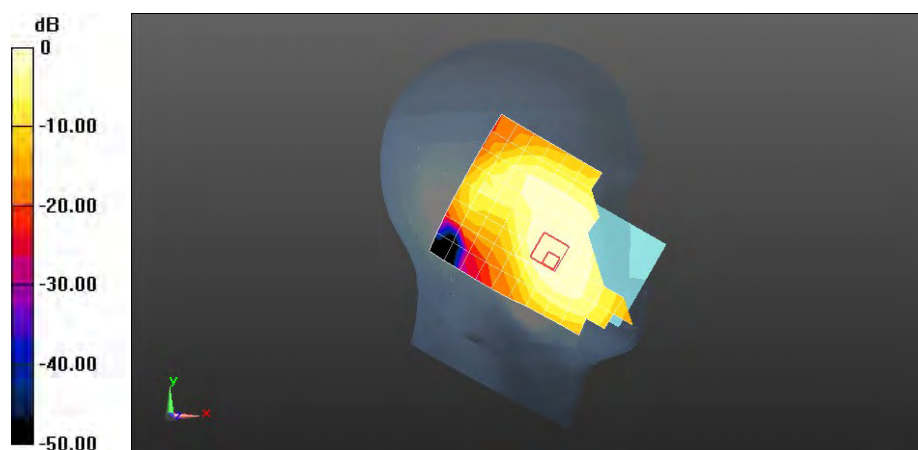
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.684 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Left hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.264 W/kg

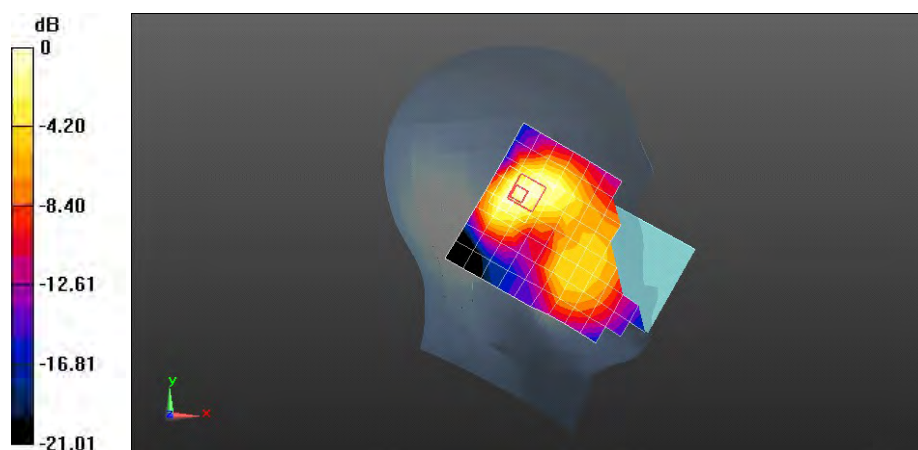
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.194 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Right hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.470 W/kg

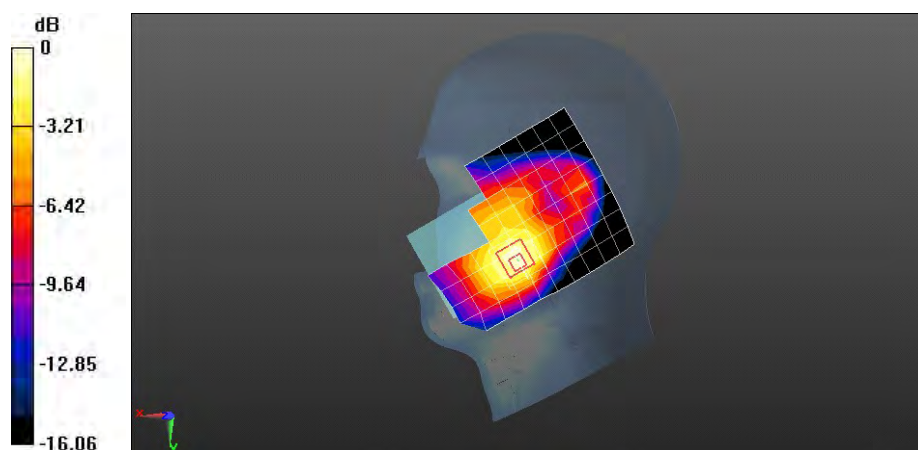
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.237 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 0.545 W/kg



0 dB = 0.545 W/kg = -2.63 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Right hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.227 W/kg

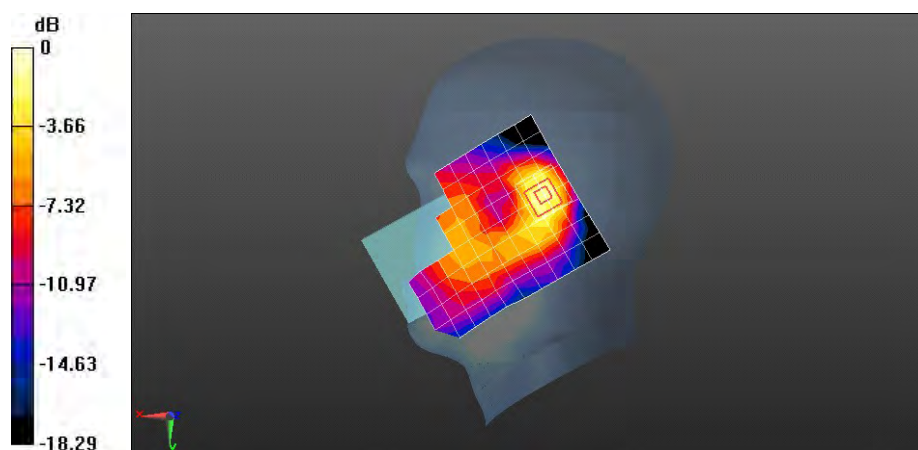
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.795 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.28 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Right hand touch cheek with battery 2#**DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

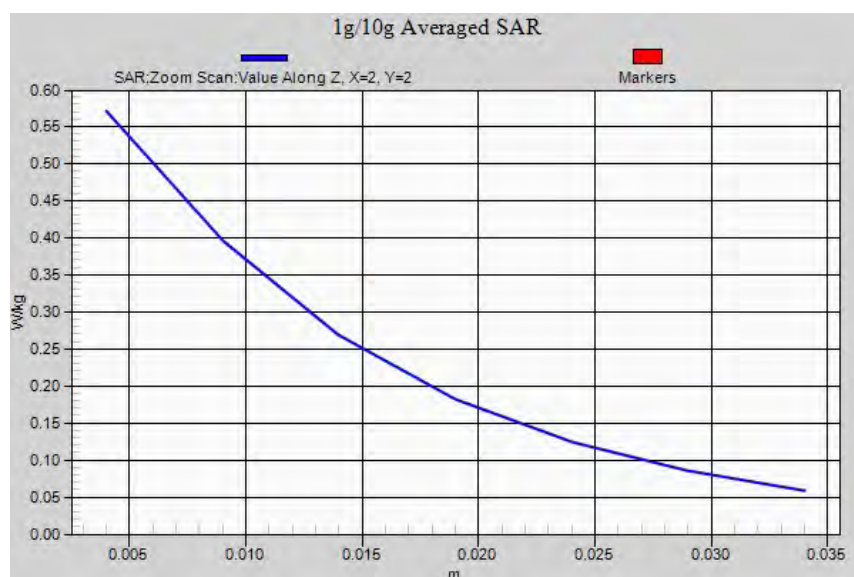
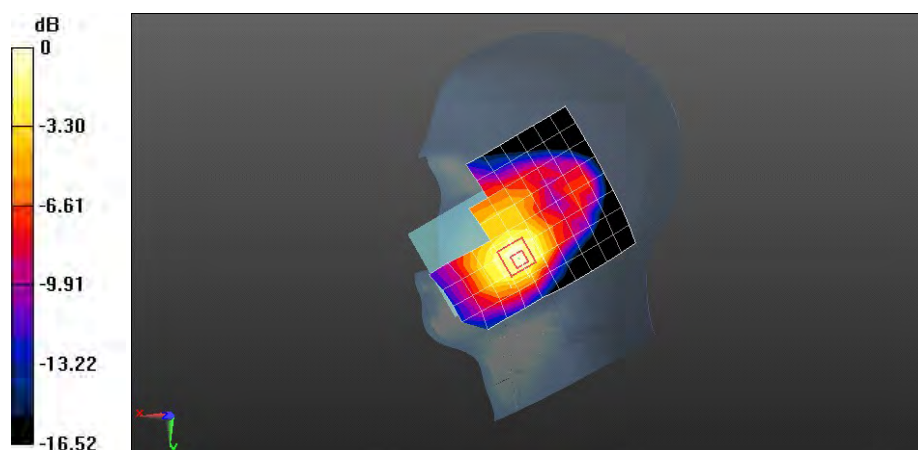
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.777 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.571 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Front Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.413 W/kg

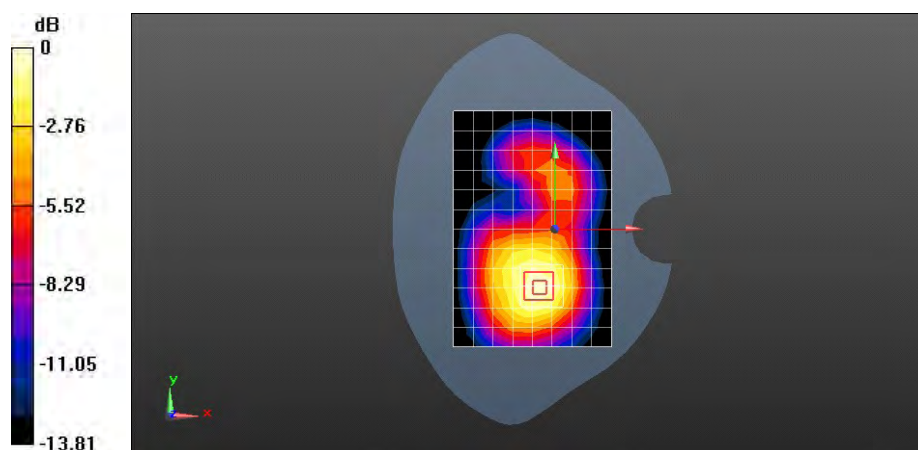
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.656 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.430 W/kg



0 dB = 0.430 W/kg = -3.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Back Side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.478 W/kg

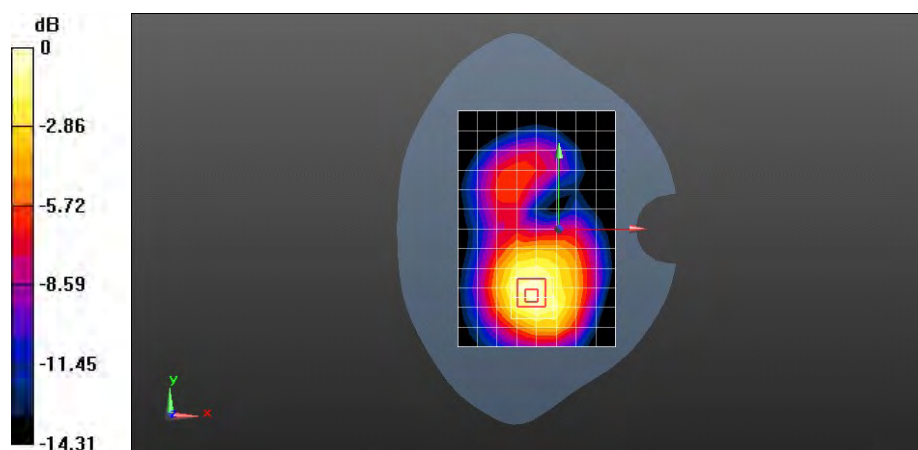
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.302 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.510 W/kg



0 dB = 0.510 W/kg = -2.92 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Back Side 15mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.532 W/kg

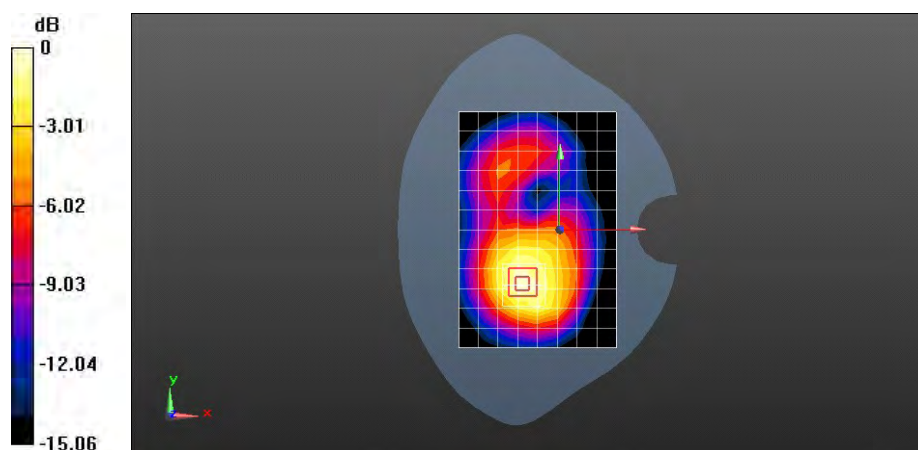
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.345 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.566 W/kg = -2.47 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Front Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.722 W/kg

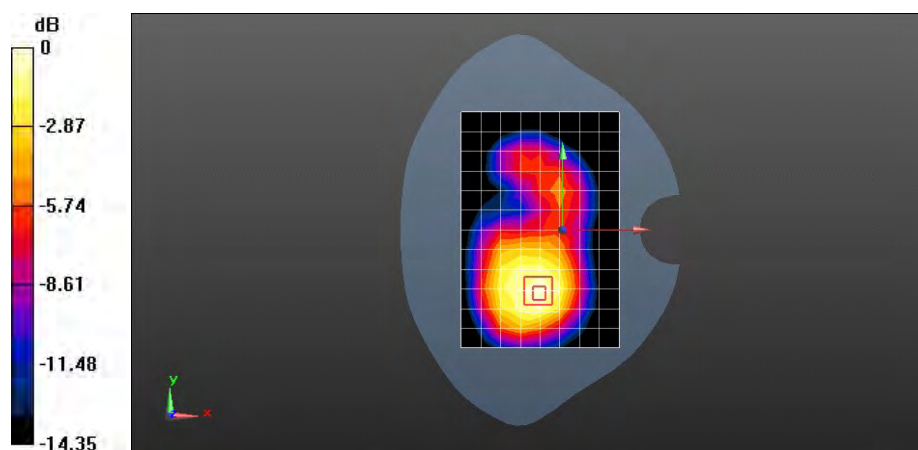
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.488 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.435 W/kg

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



0 dB = 0.735 W/kg = -1.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9262CH Front Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 53.618$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.806 W/kg

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

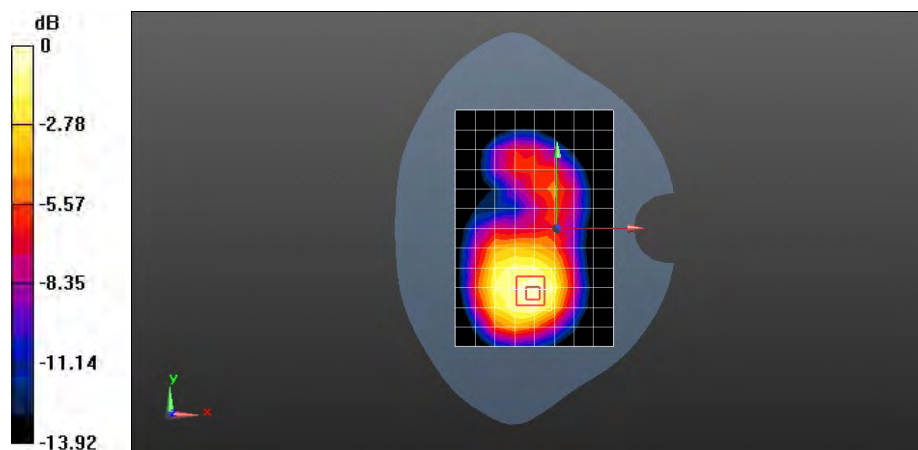
Reference Value = 10.583 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.485 W/kg

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

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9538CH Front Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 53.521$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.775 W/kg

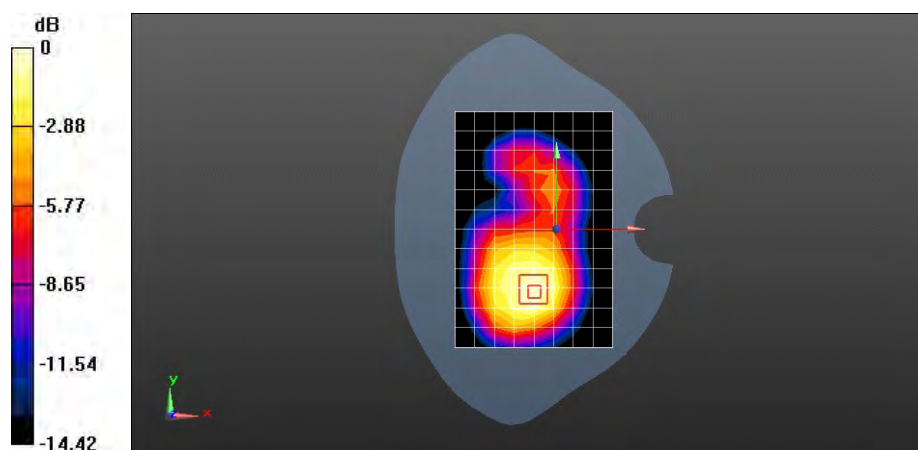
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.291 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.453 W/kg

Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763 W/kg = -1.18 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.910 W/kg

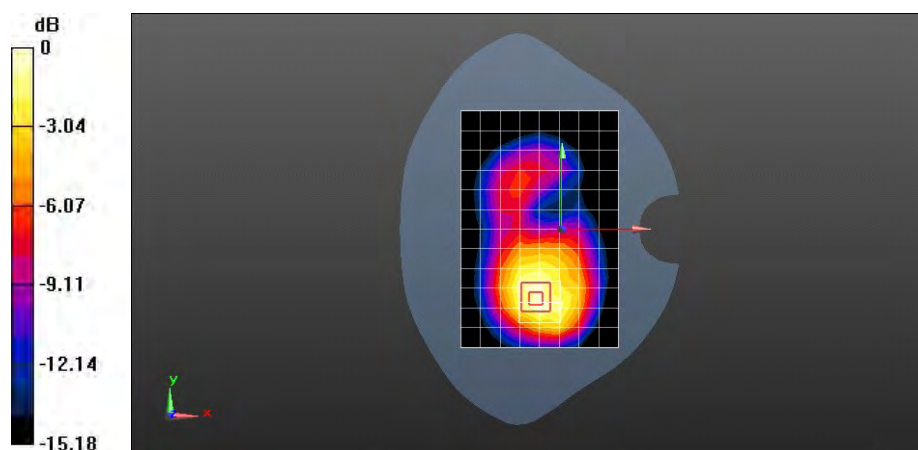
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.597 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (measured) = 0.961 W/kg



0 dB = 0.961 W/kg = -0.17 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9262CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 53.618$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.987 W/kg

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

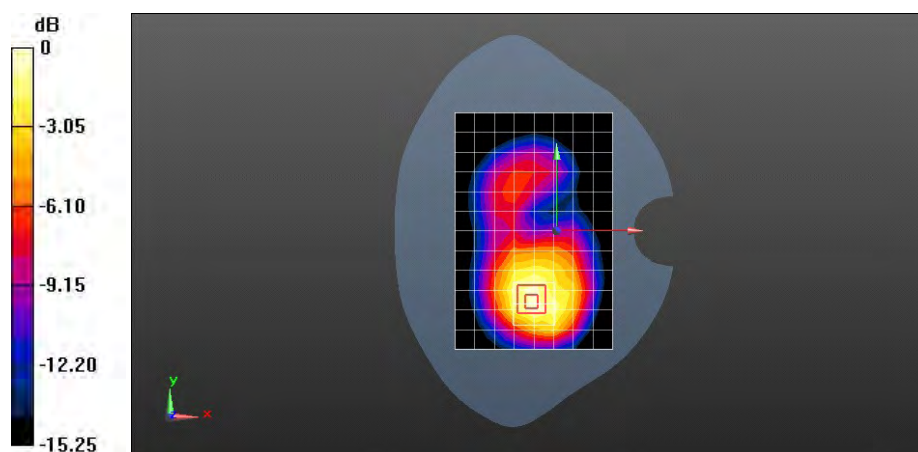
Reference Value = 8.658 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.615 W/kg

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

Maximum value of SAR (measured) = 1.06 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9262CH Back Side 10mm-repeated

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 53.618$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.999 W/kg

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

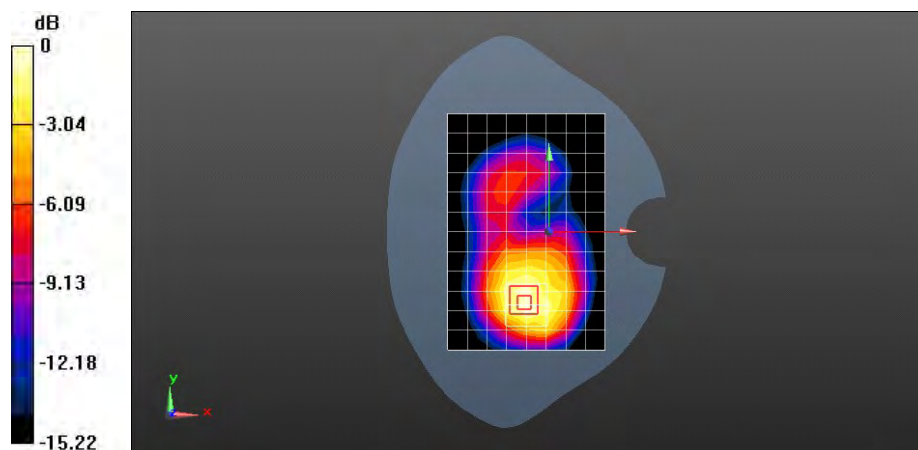
Reference Value = 8.619 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.612 W/kg

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

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.26 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9538CH Back Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 53.521$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.916 W/kg

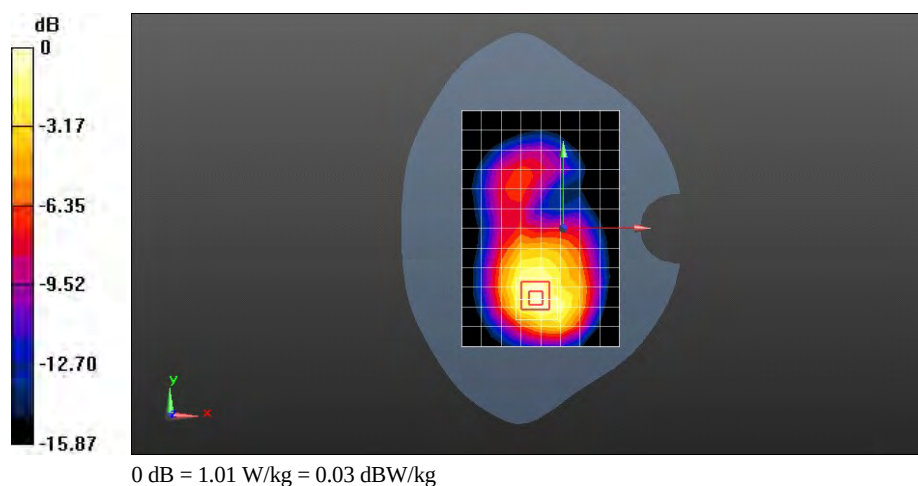
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.239 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.577 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Left Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.337 W/kg

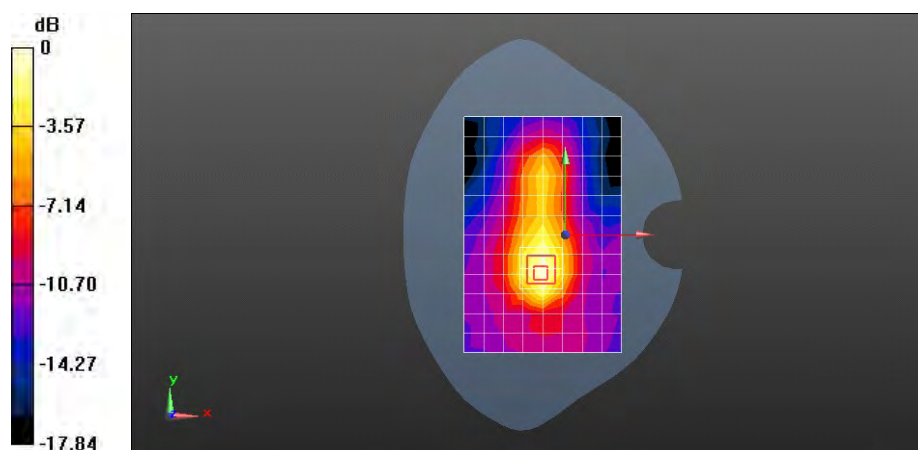
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.056 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Right Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.225 W/kg

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

Reference Value = 10.534 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.232 W/kg

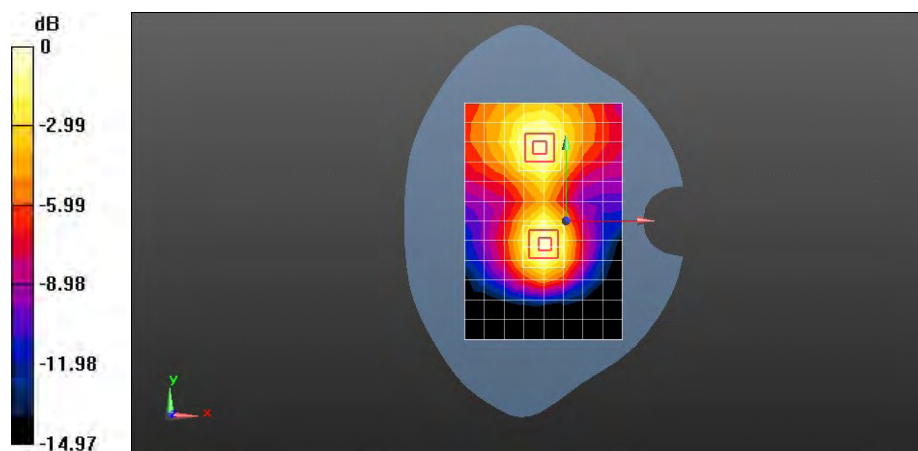
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.534 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.227 W/kg = -6.45 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9400CH Bottom Side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 53.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.537 W/kg

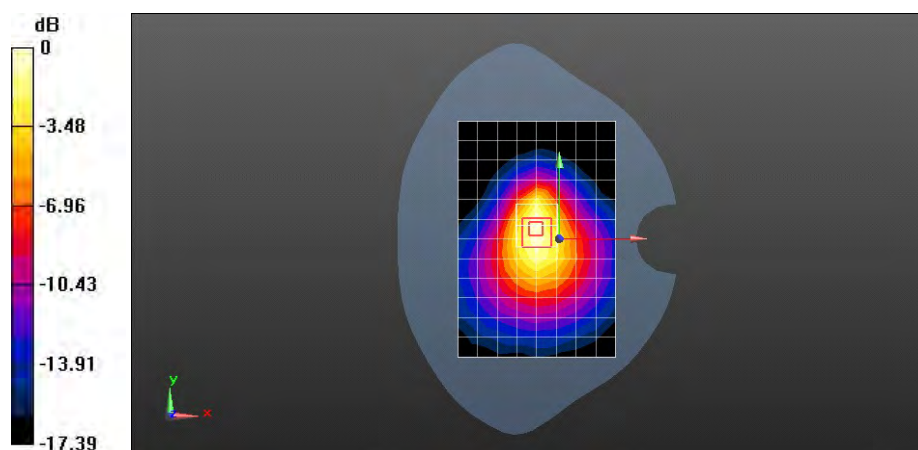
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.139 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.541 W/kg = -2.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 UMTS Band II 9262CH Back Side 10mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.473$ S/m; $\epsilon_r = 53.618$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.962 W/kg

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

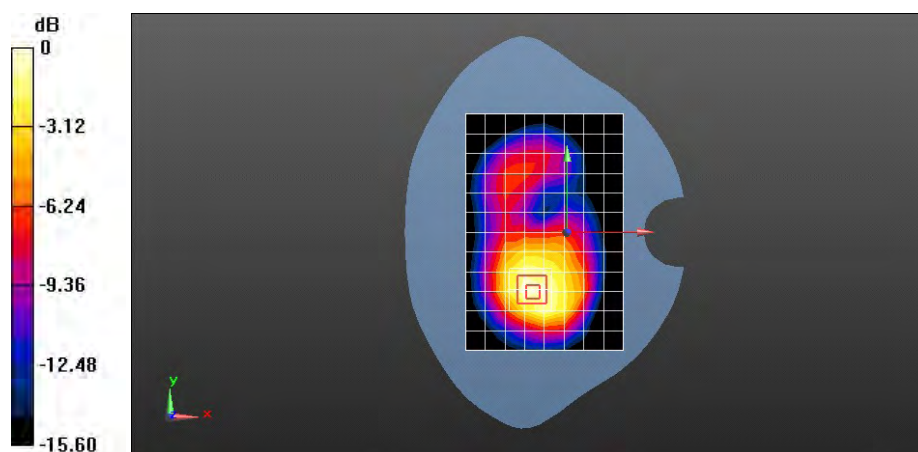
Reference Value = 11.502 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.576 W/kg

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

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.05 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Left hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 38.796$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.102 W/kg

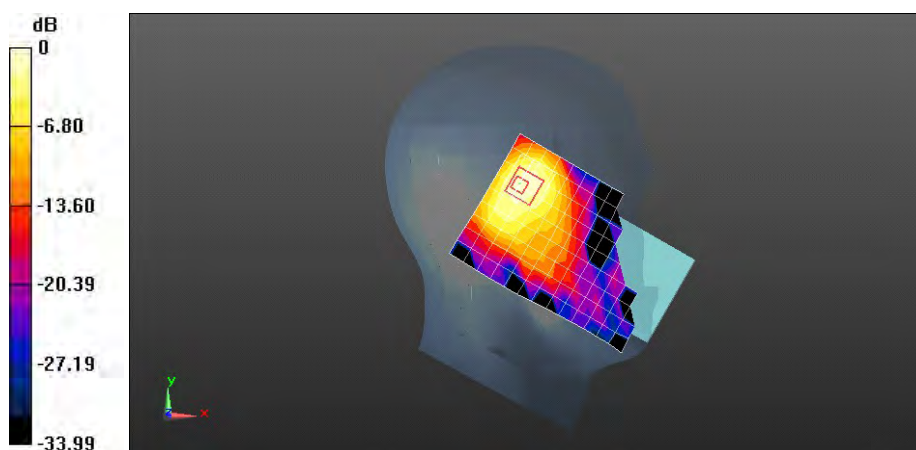
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.296 V/m; Power Drift = 0.13 dB

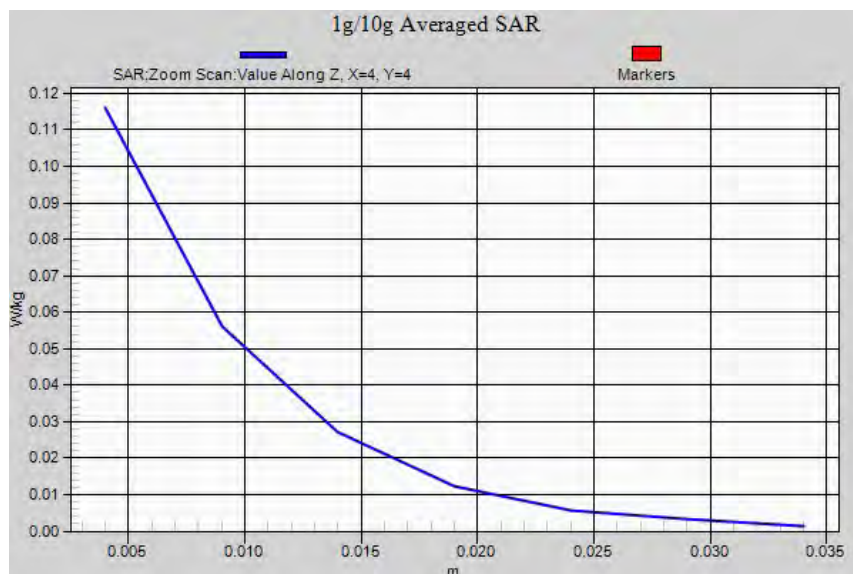
Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Left hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 38.796$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0935 W/kg

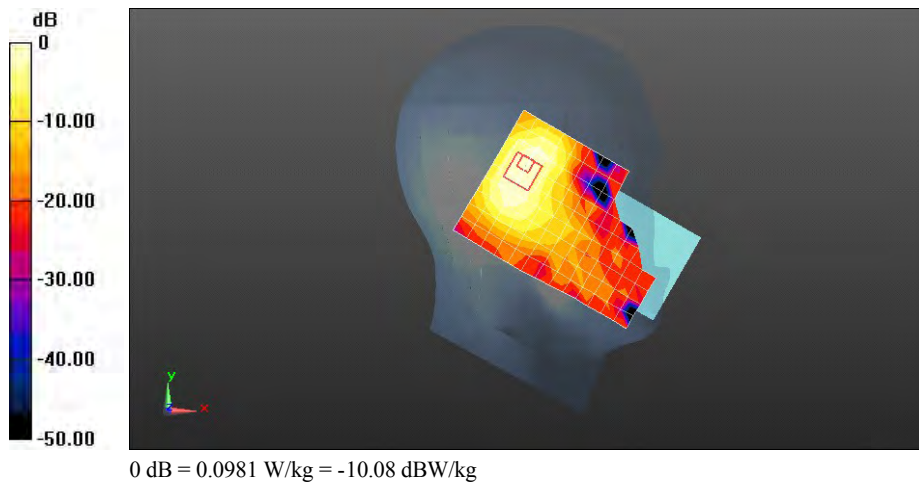
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.183 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0981 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Right hand touch cheek

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 38.796$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0841 W/kg

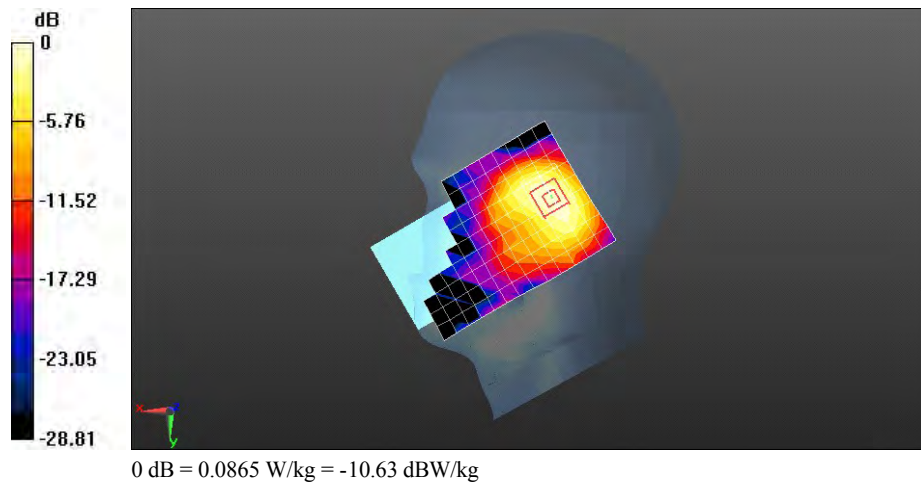
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.066 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0865 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Right hand tilt 15 degree

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 38.796$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0855 W/kg

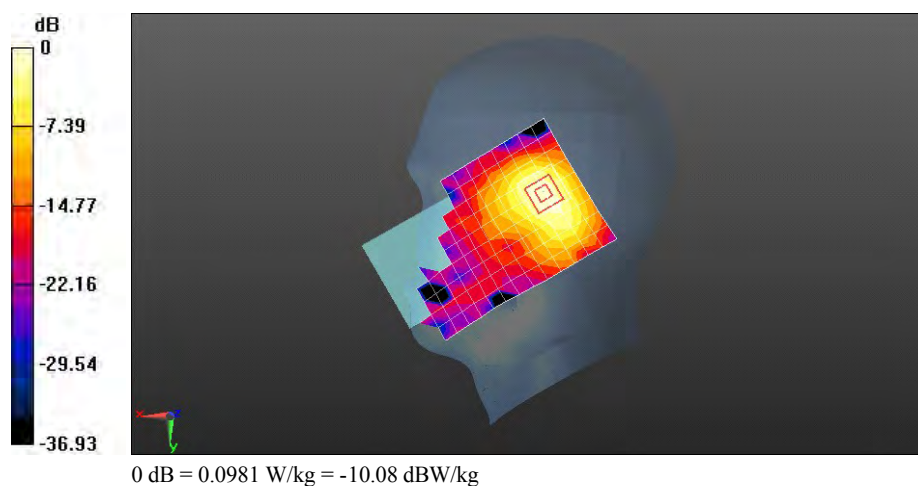
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.572 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0981 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Left hand touch cheek with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 38.796$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0892 W/kg

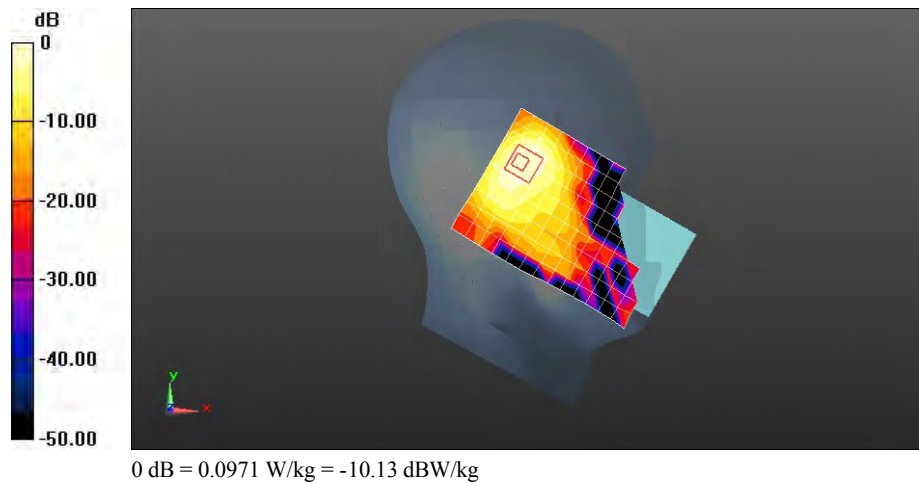
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.077 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0971 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Front side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0160 W/kg

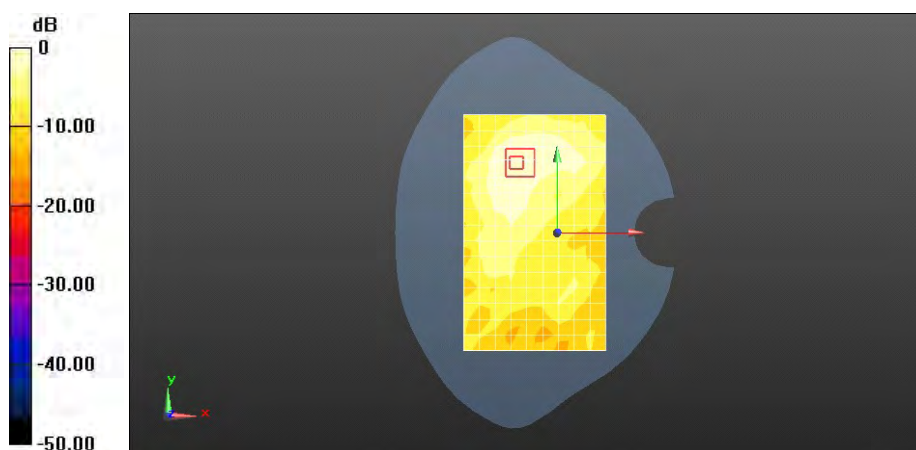
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.549 V/m; Power Drift = 0.06 dB

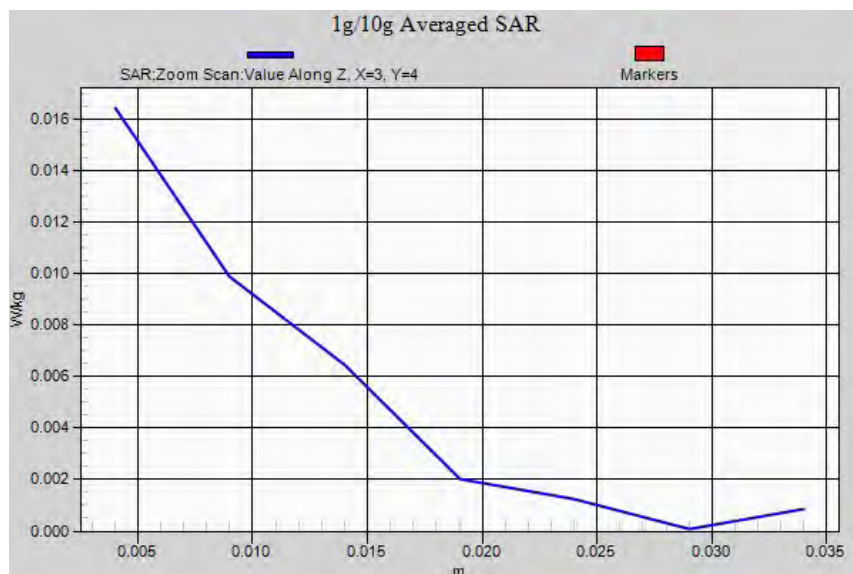
Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00824 W/kg

Maximum value of SAR (measured) = 0.0164 W/kg



0 dB = 0.0164 W/kg = -17.85 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Back side 15mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0152 W/kg

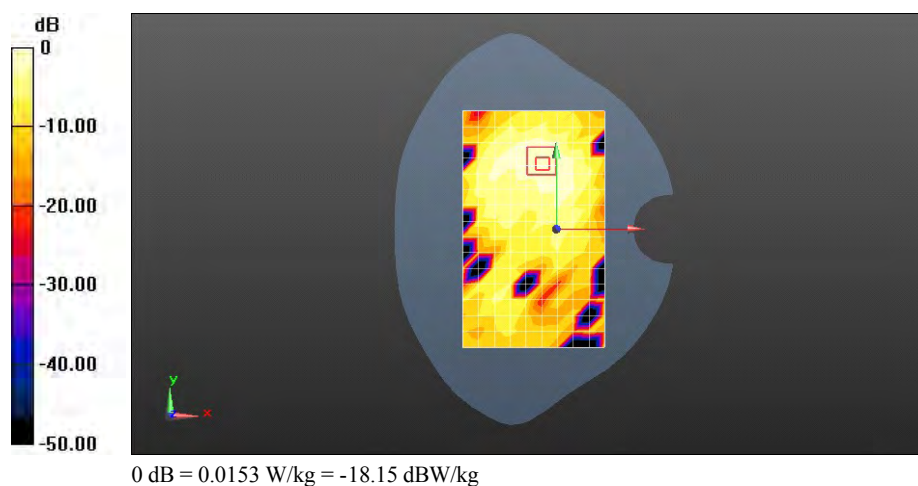
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.384 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00669 W/kg

Maximum value of SAR (measured) = 0.0153 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Front side 15mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0126 W/kg

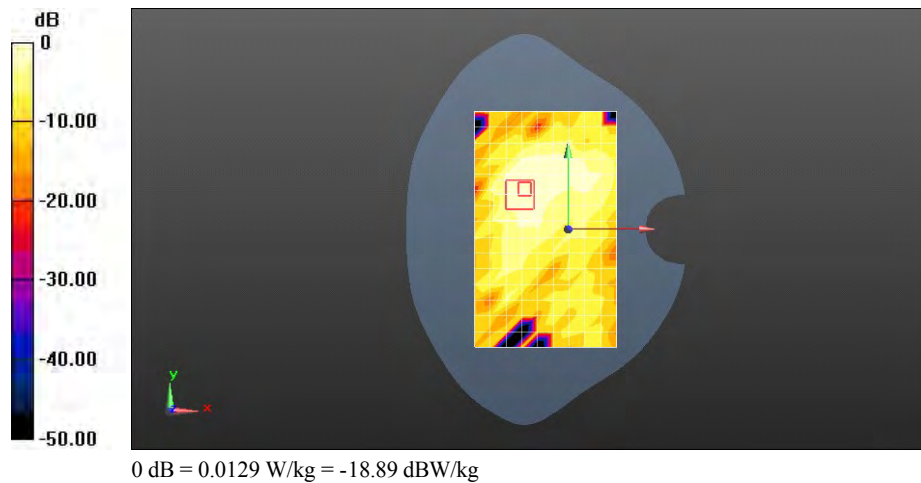
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.672 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00551 W/kg

Maximum value of SAR (measured) = 0.0129 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Front side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0234 W/kg

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

Reference Value = 1.898 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0238 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Back side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0288 W/kg

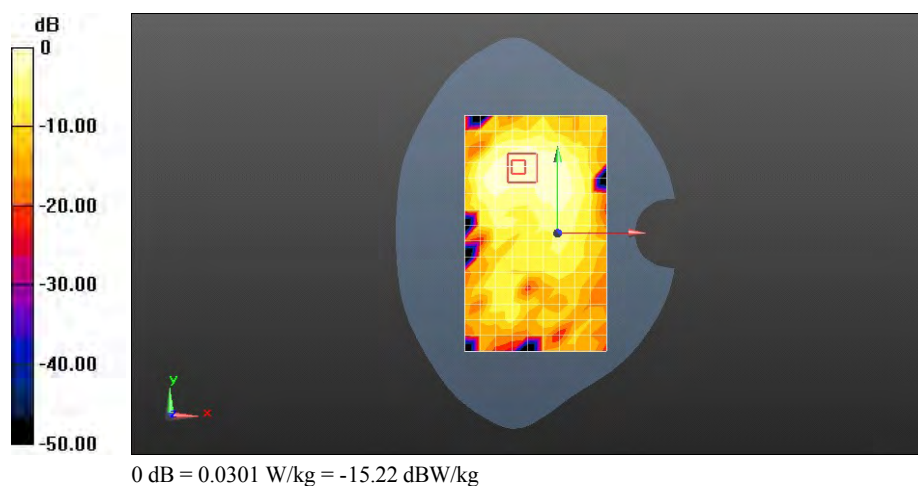
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.754 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0301 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Right side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0176 W/kg

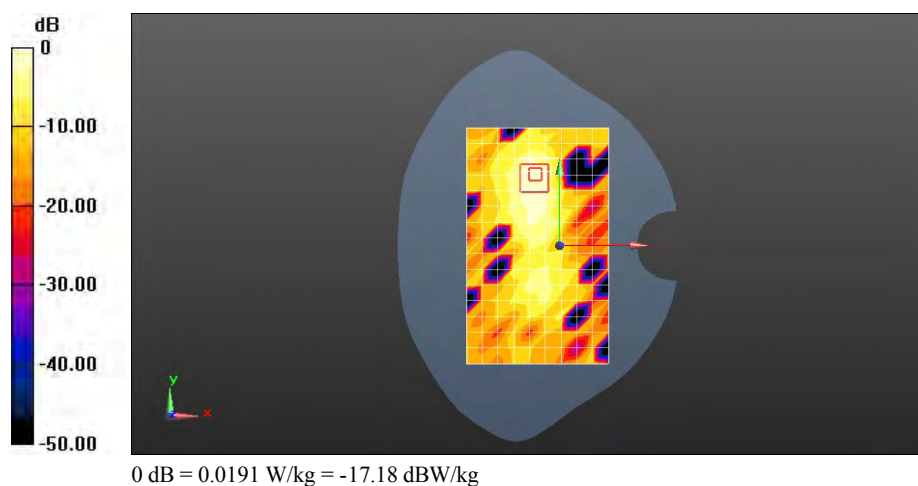
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.539 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0380 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.0076 W/kg

Maximum value of SAR (measured) = 0.0191 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Top side 10mm

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0449 W/kg

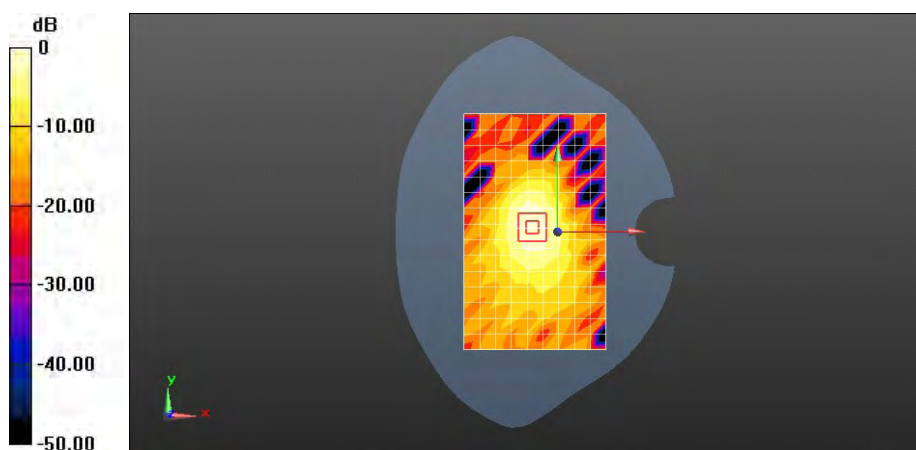
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.018 V/m; Power Drift = 0.01 dB

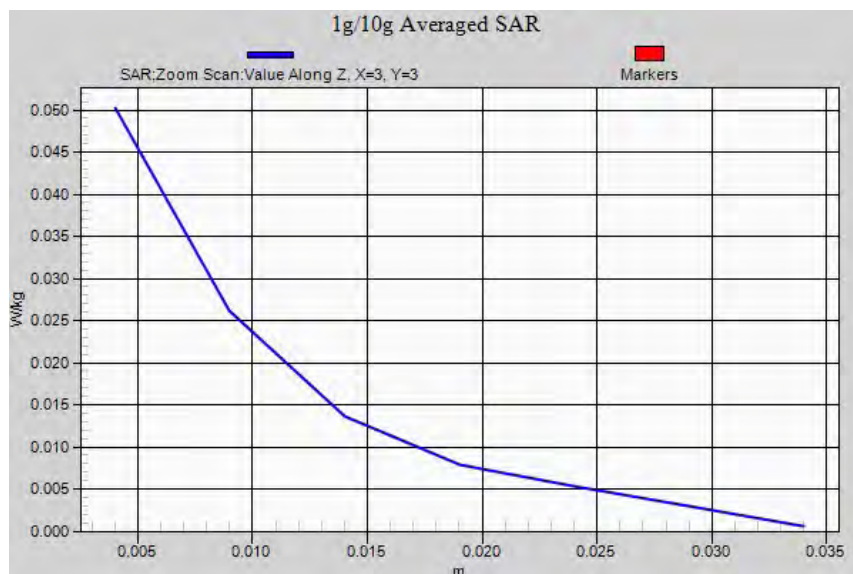
Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0502 W/kg



0 dB = 0.0502 W/kg = -12.99 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G527-U081 WiFi 802.11b 11CH Top side 10mm with battery 2#

DUT: HUAWEI G527-U081; Type: UMTS Smart Phone; Serial: SAR1

Communication System: WiFi (802.11*); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0325 W/kg

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

Reference Value = 4.255 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0381 W/kg

