



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 190CH Left hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.01, 6.01, 6.01); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

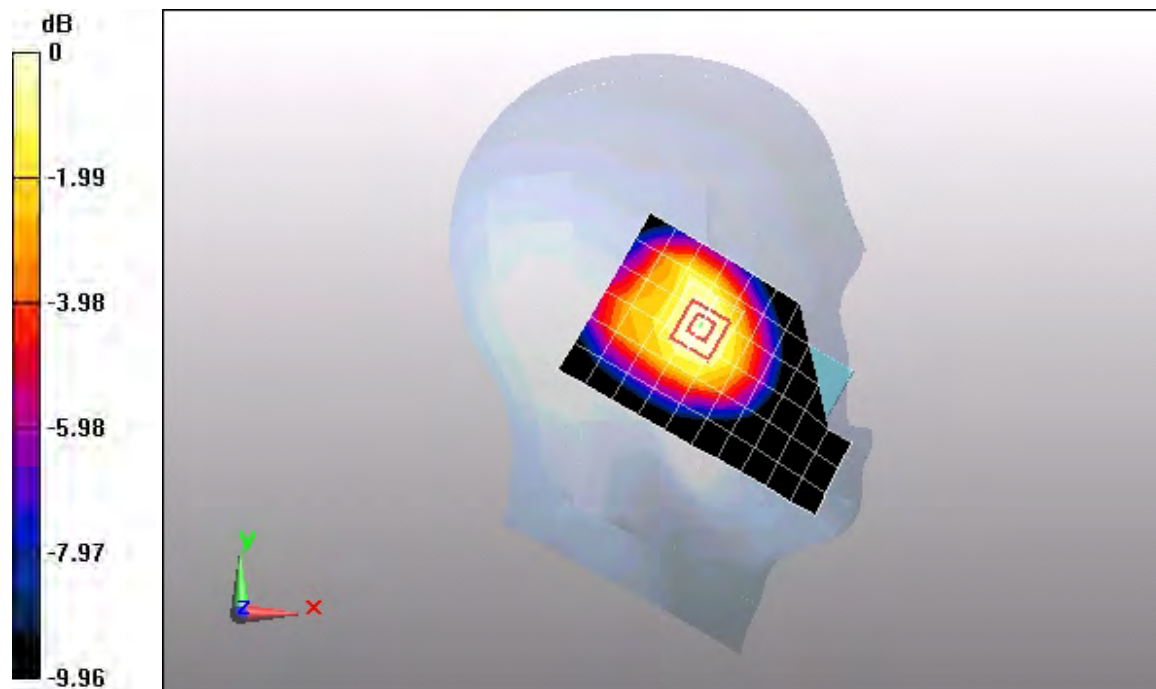
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = 0.037 dB

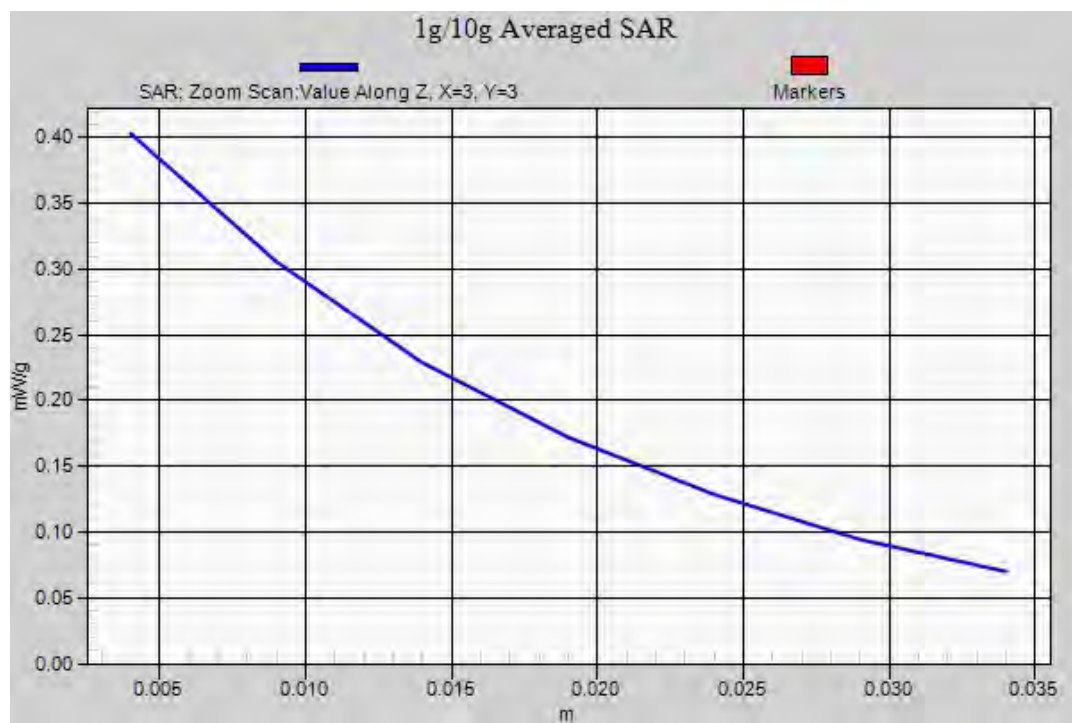
Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.403mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 190CH Left hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.01, 6.01, 6.01); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.226 mW/g

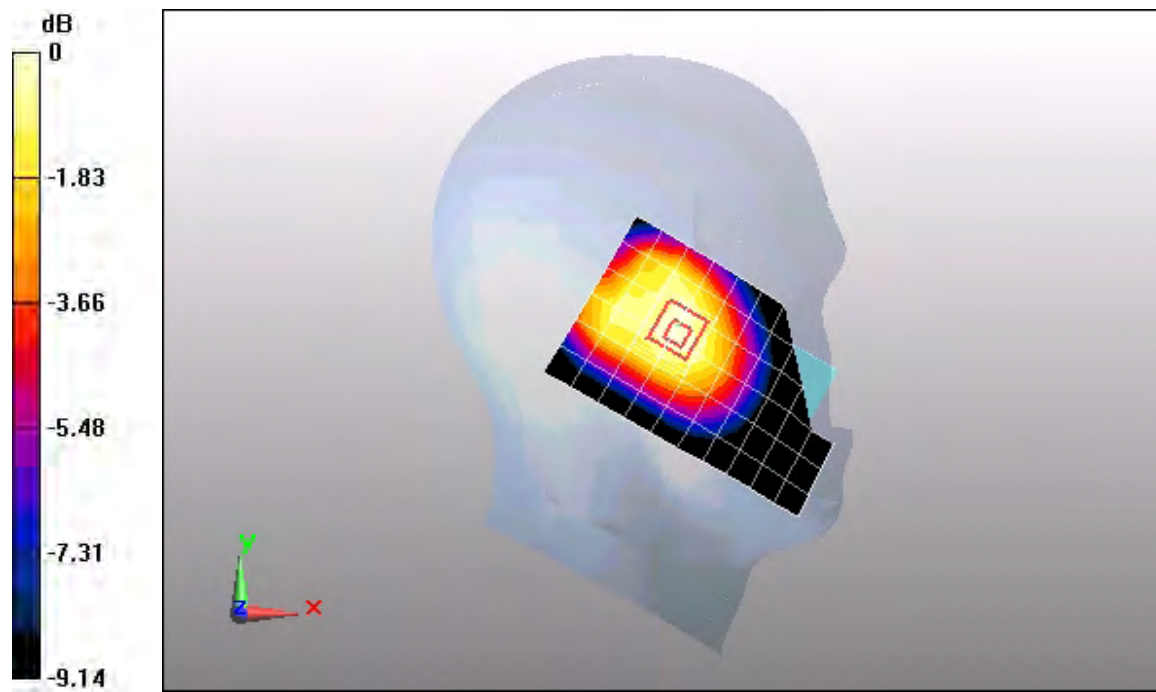
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.157 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 190CH Right hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.01, 6.01, 6.01); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.371 mW/g

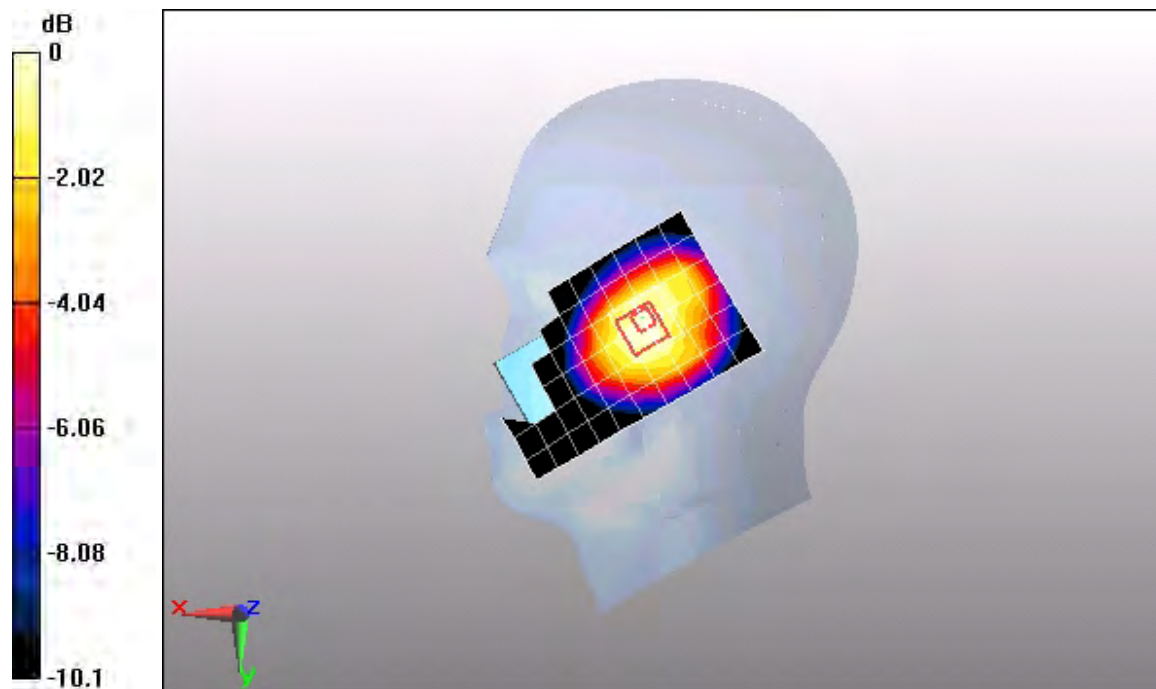
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.375 mW/g



0 dB = 0.375mW/g

Date/Time: 8/28/2011 5:03:48, Date/Time: 8/28/2011 5:12:46

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 190CH Right hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.01, 6.01, 6.01); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.235 mW/g

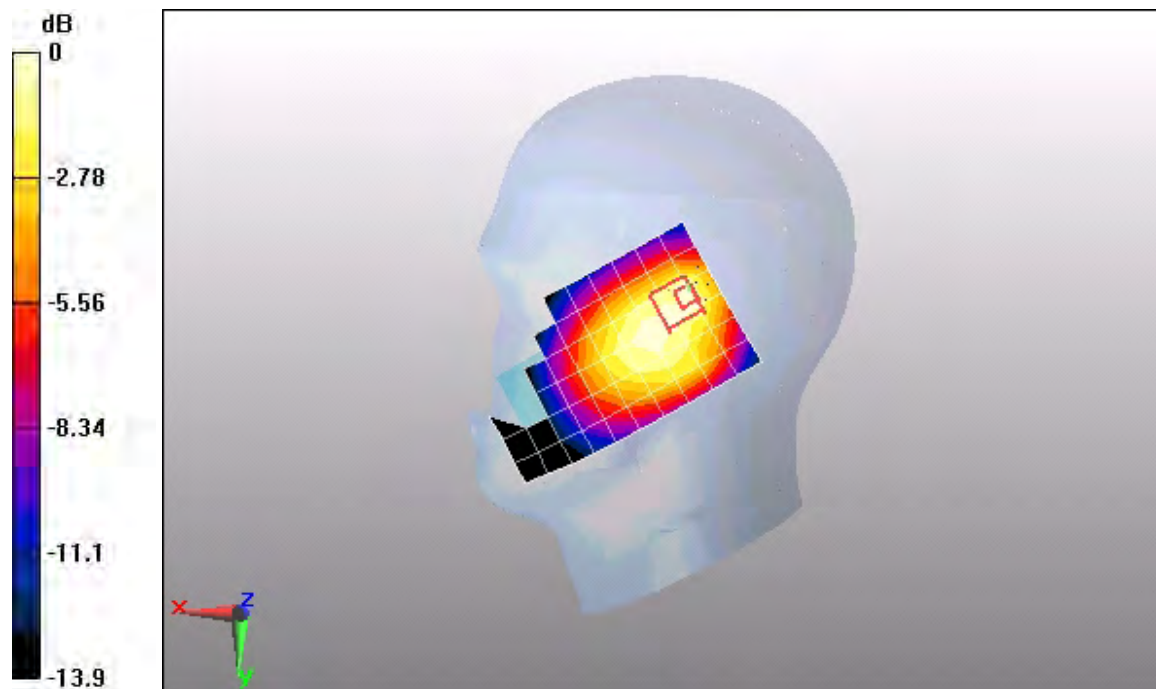
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.248mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 GPRS 190CH 1TS Towards Phantom 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.225 mW/g

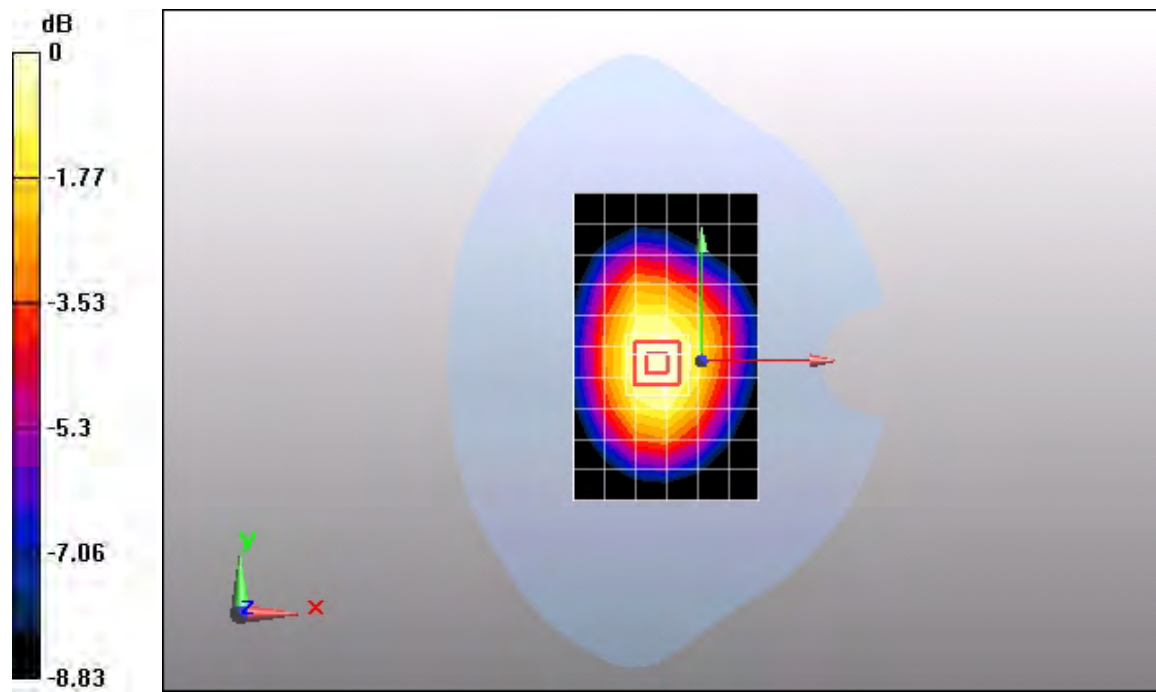
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 GPRS 190CH 2TS Towards Phantom 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.278 mW/g

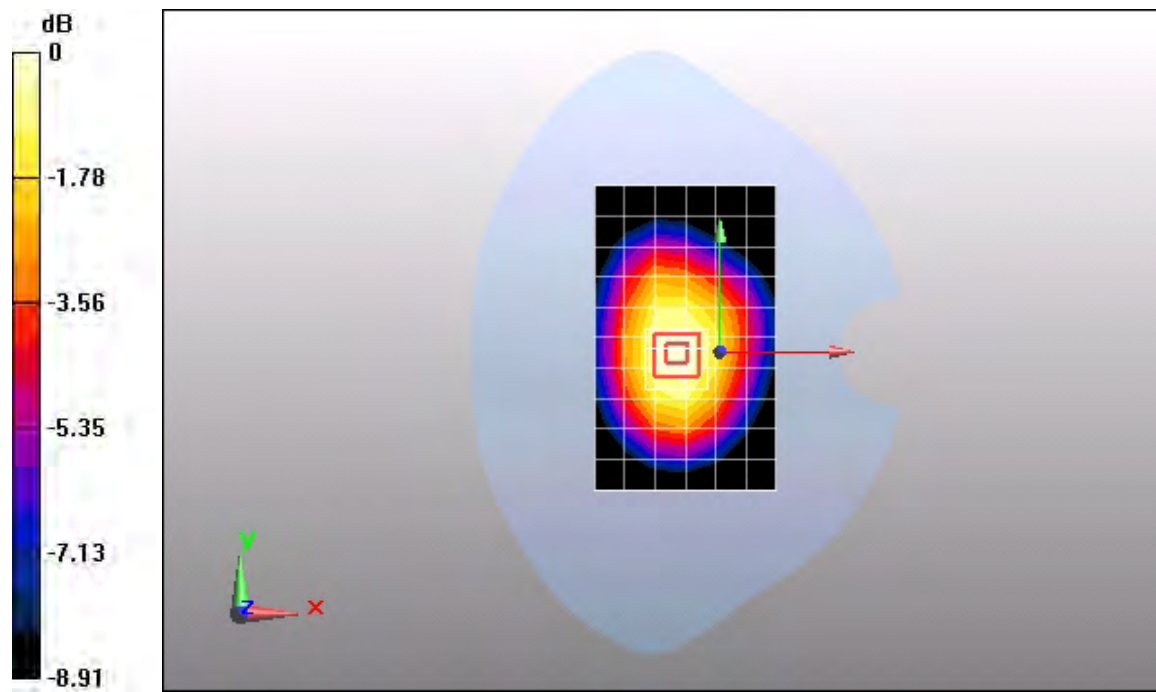
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 GPRS 190CH 2TS Towards ground 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.616 mW/g

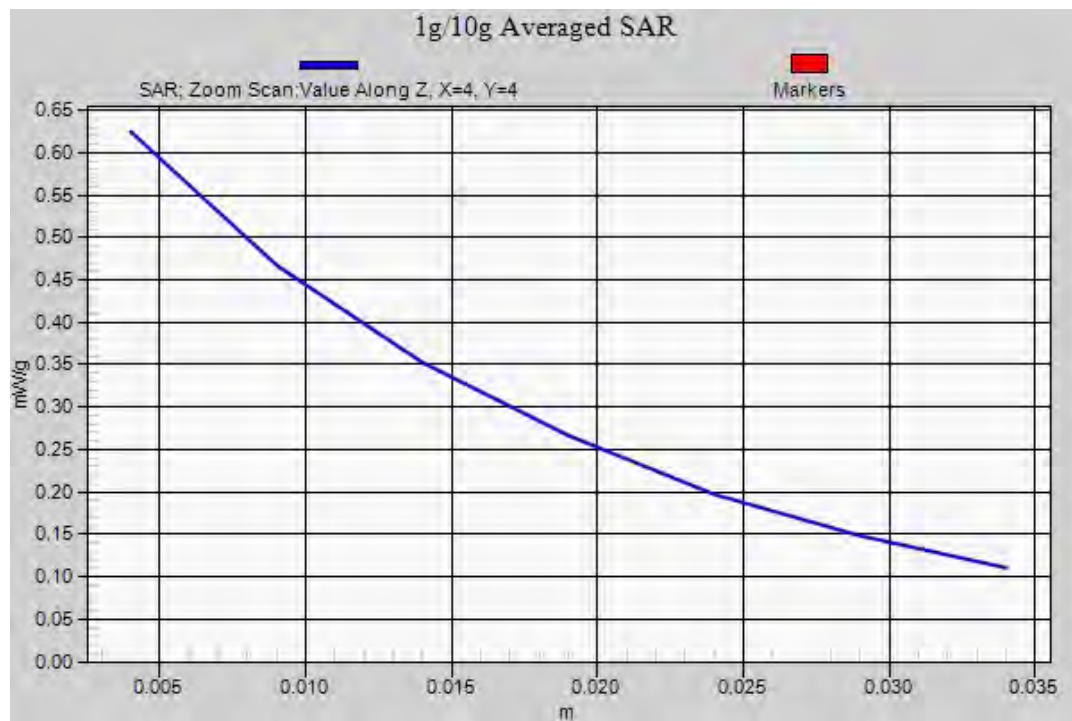
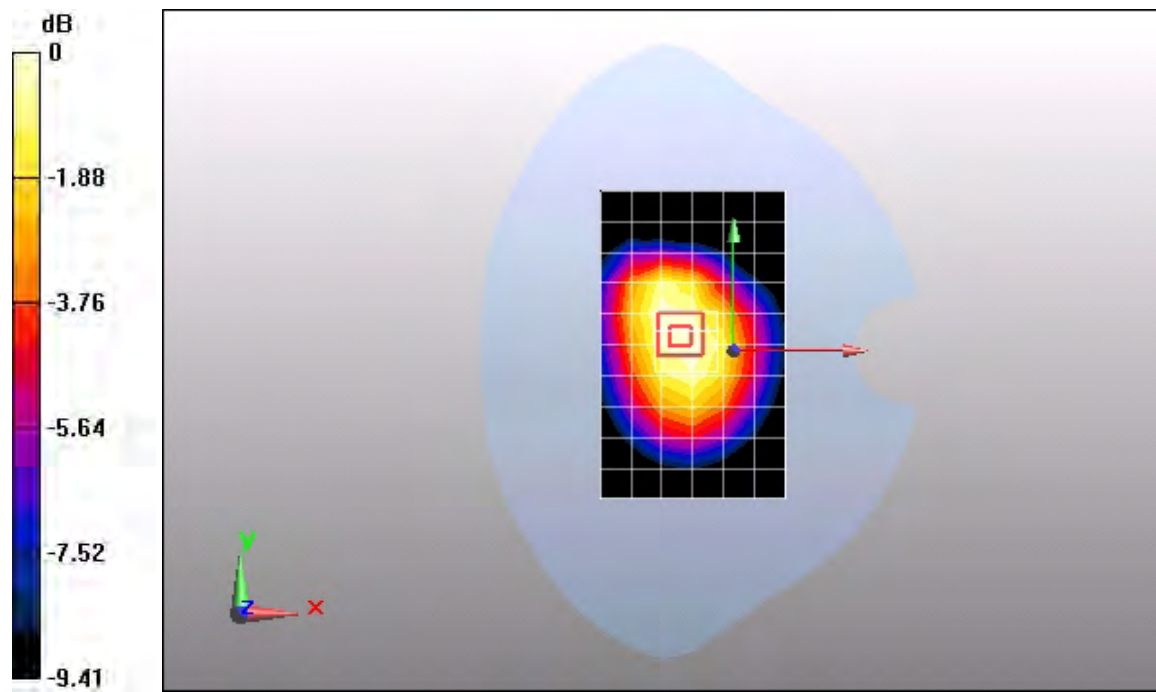
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 0.624 mW/g



Date/Time: 8/27/2011 16:47:30, Date/Time: 8/27/2011 16:54:52

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 EGPRS 190CH 1TS Towards ground 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.497 mW/g

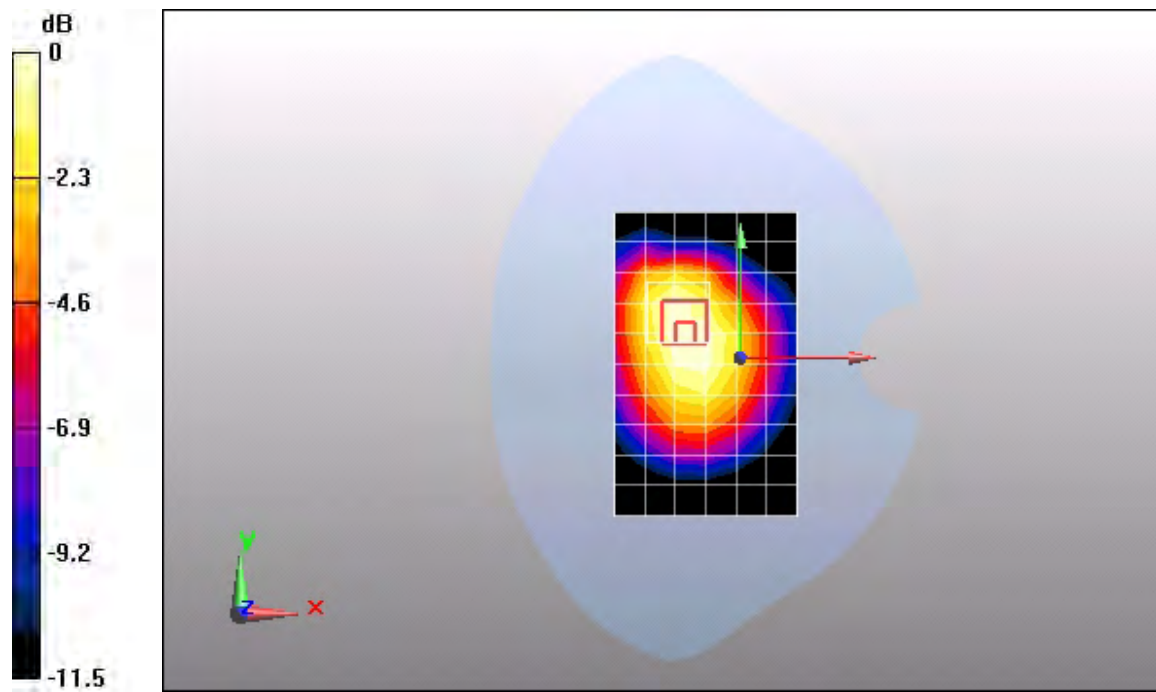
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.515 mW/g



Date/Time: 8/27/2011 17:49:28, Date/Time: 8/27/2011 17:56:50

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 EGPRS 190CH 2TS Towards ground 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.593 mW/g

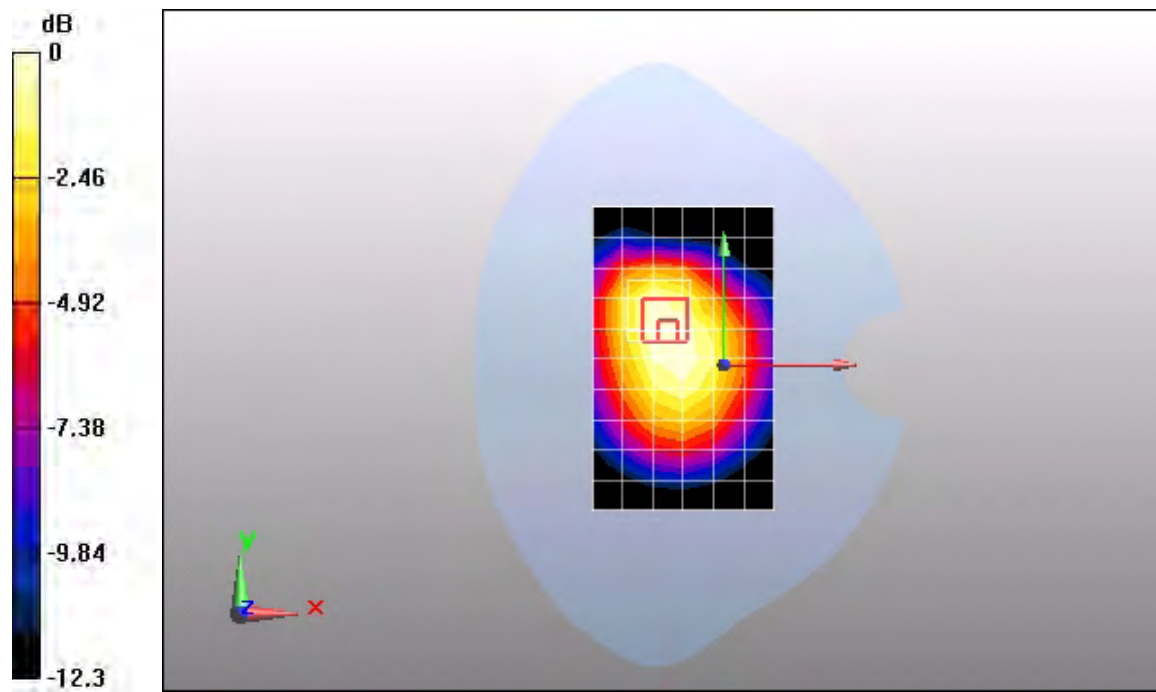
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.613 mW/g



Date/Time: 8/27/2011 21:54:40, Date/Time: 8/27/2011 22:02:03

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM850 190CH Towards Ground 15mm with headset

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

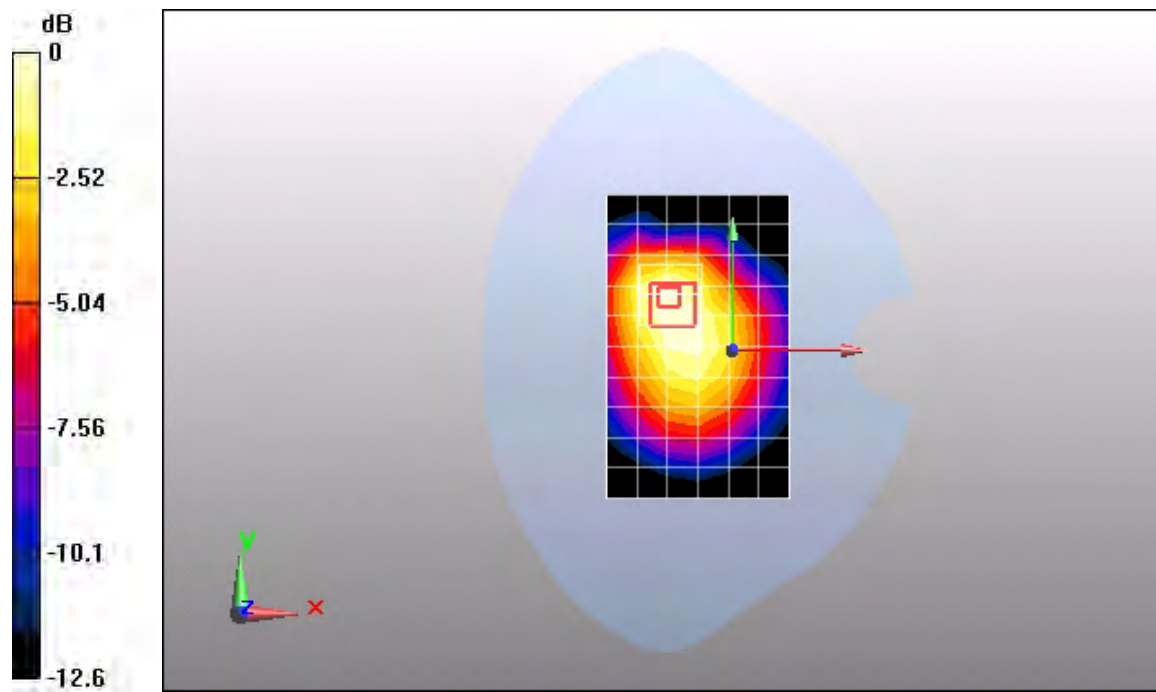
Maximum value of SAR (measured) = 0.418 mW/g

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

Reference Value = 19.6 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.274 mW/g



0 dB = 0.418mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 661CH Left hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.96, 4.96, 4.96); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

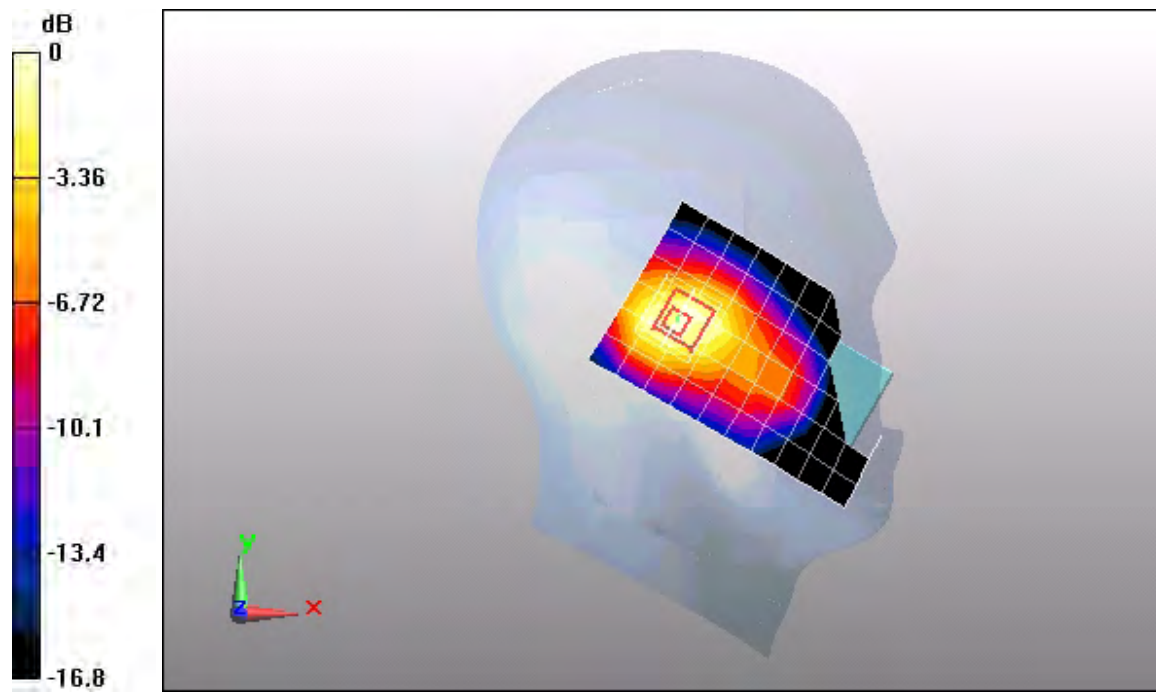
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.362mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 661CH Left hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.96, 4.96, 4.96); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.512 mW/g

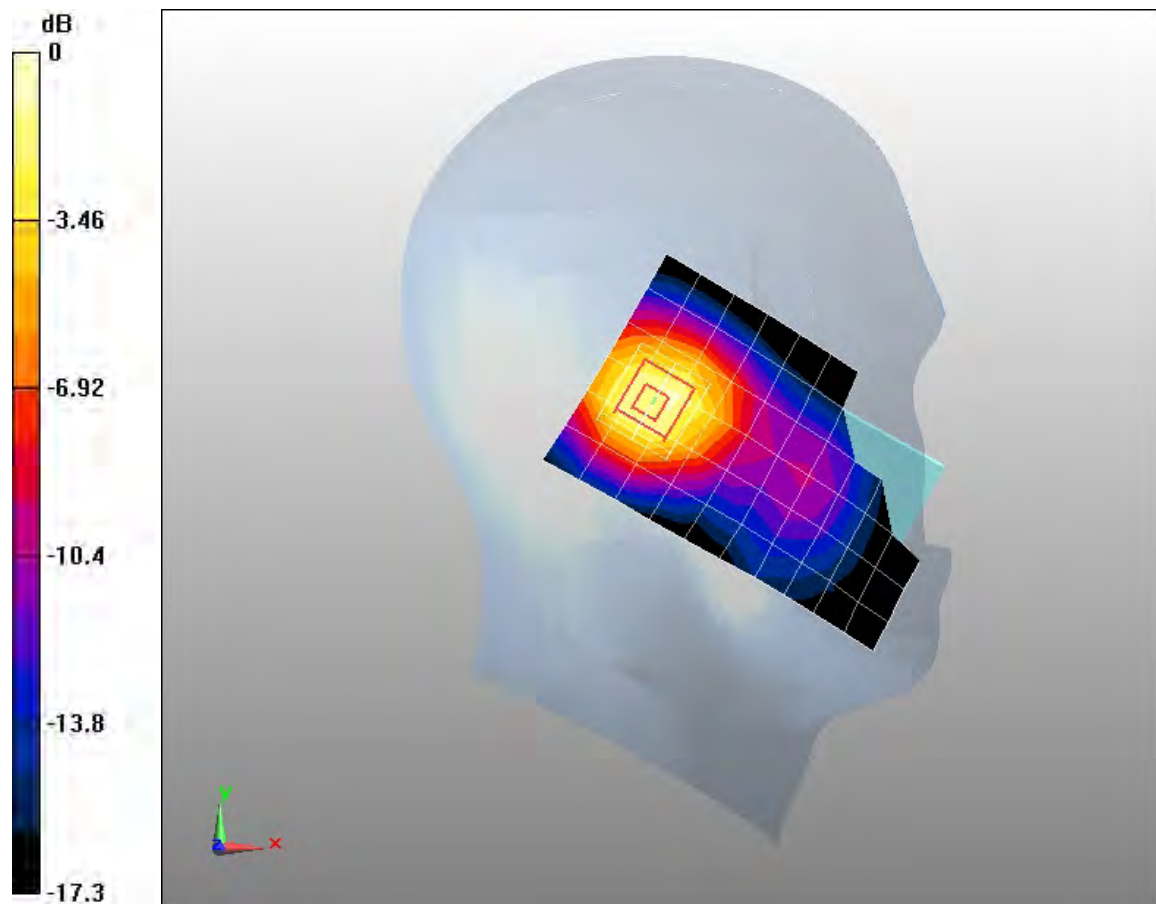
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.614 mW/g



0 dB = 0.614mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 661CH Right hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.96, 4.96, 4.96); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.608 mW/g

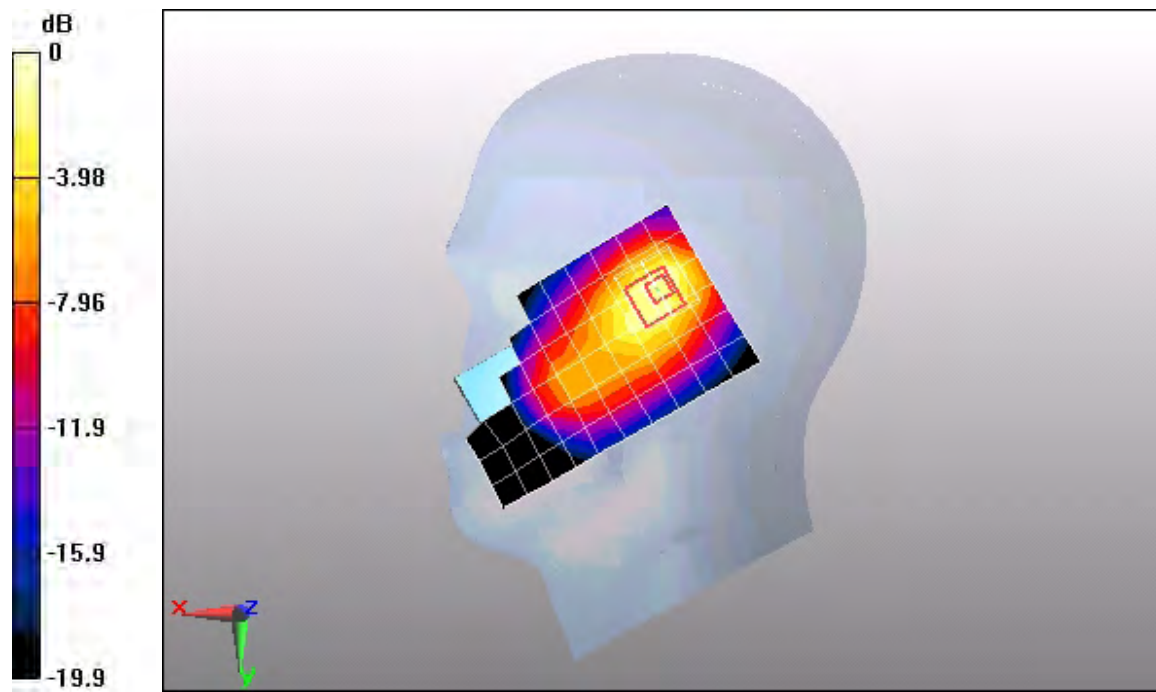
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.369 mW/g

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



0 dB = 0.770mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 661CH Right hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.96, 4.96, 4.96); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.626 mW/g

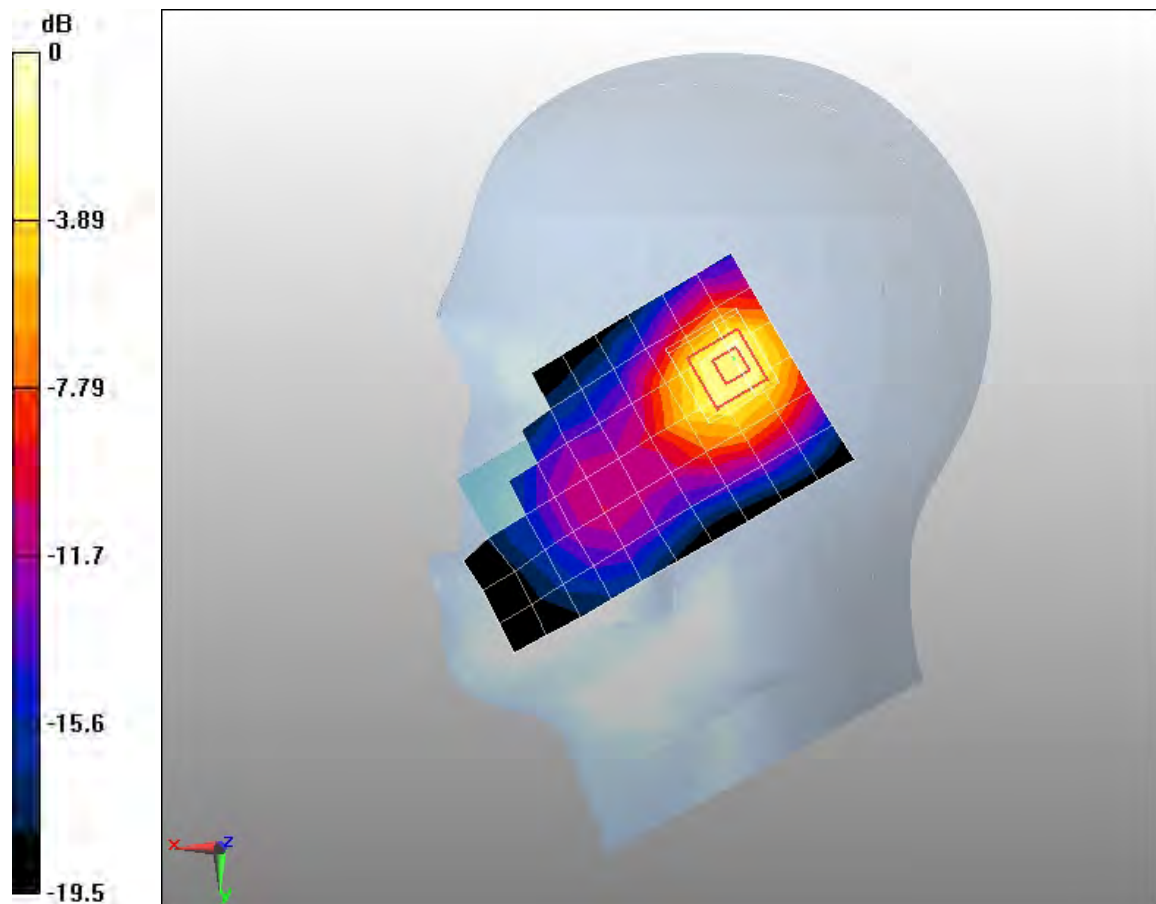
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.8 V/m; Power Drift = 0.031 dB

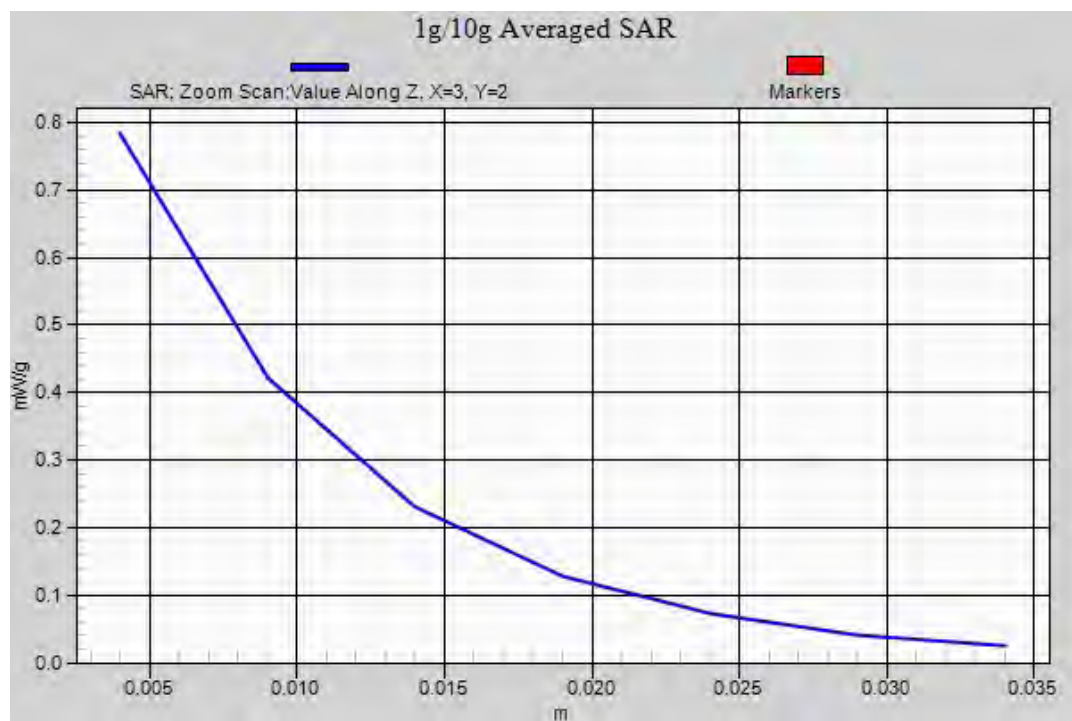
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 GPRS 661CH 1TS Towards Phantom 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.175 mW/g

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

Reference Value = 4.6 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.192 mW/g

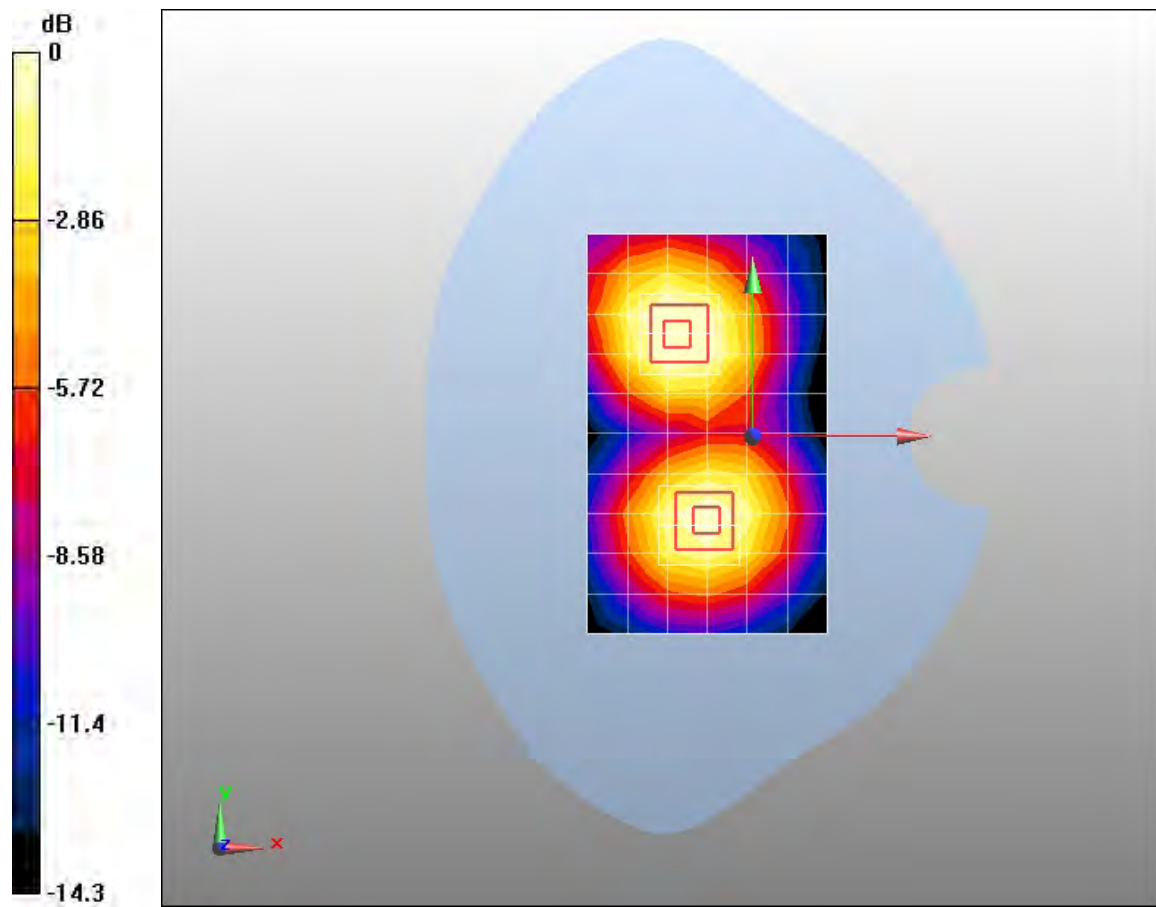
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.6 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.152 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 GPRS 661CH 2TS Towards Phantom 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.213 mW/g

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

Reference Value = 5.19 V/m; Power Drift = 0.00955 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.234 mW/g

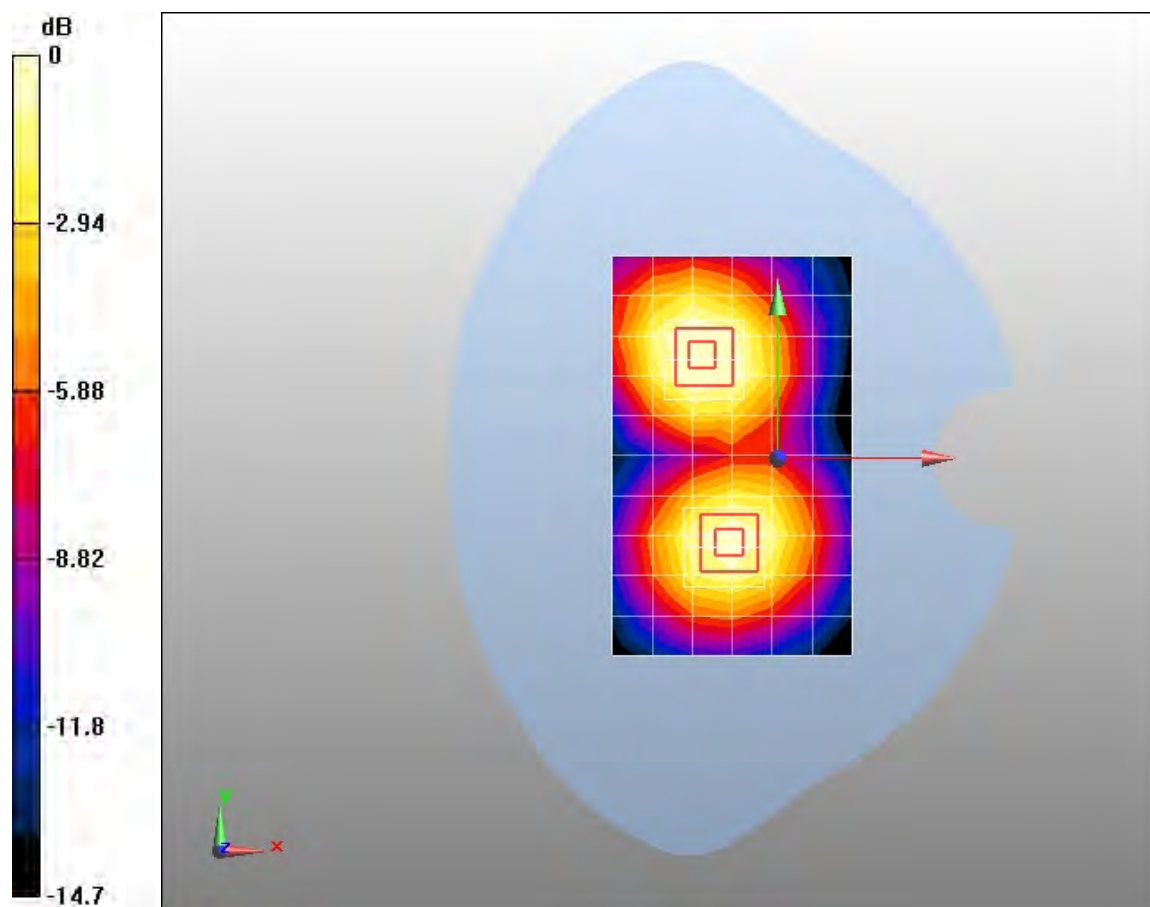
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = 0.00955 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.186 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 GPRS 661CH 2TS Towards Ground 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 2011-3-11
- Sensor -Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.465 mW/g

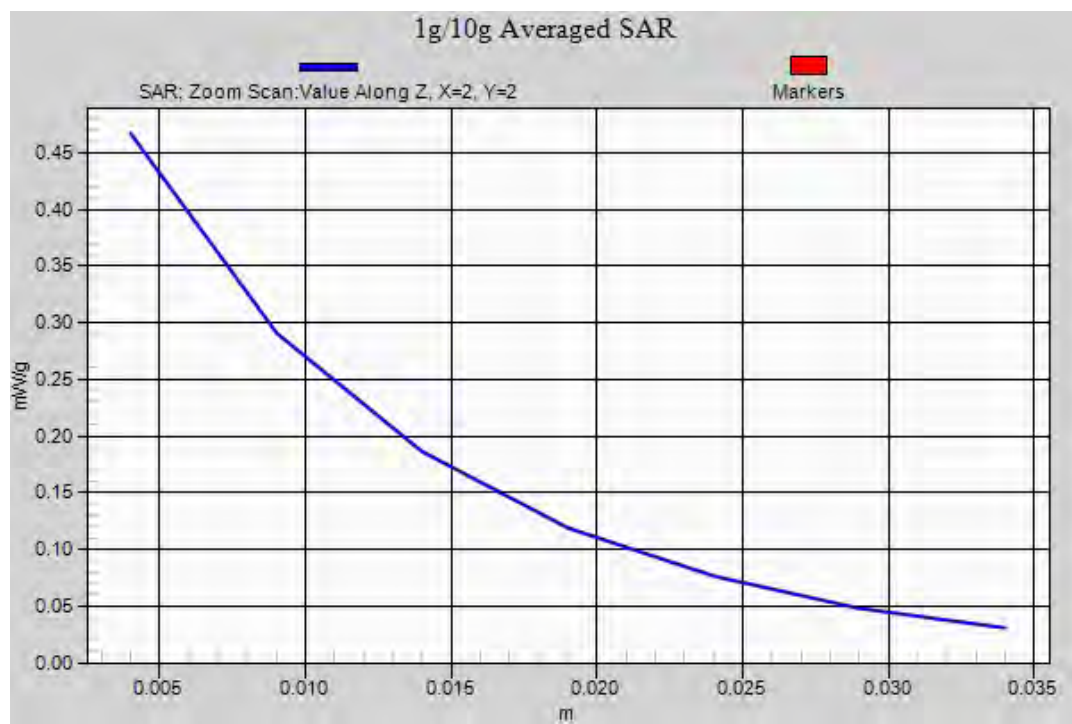
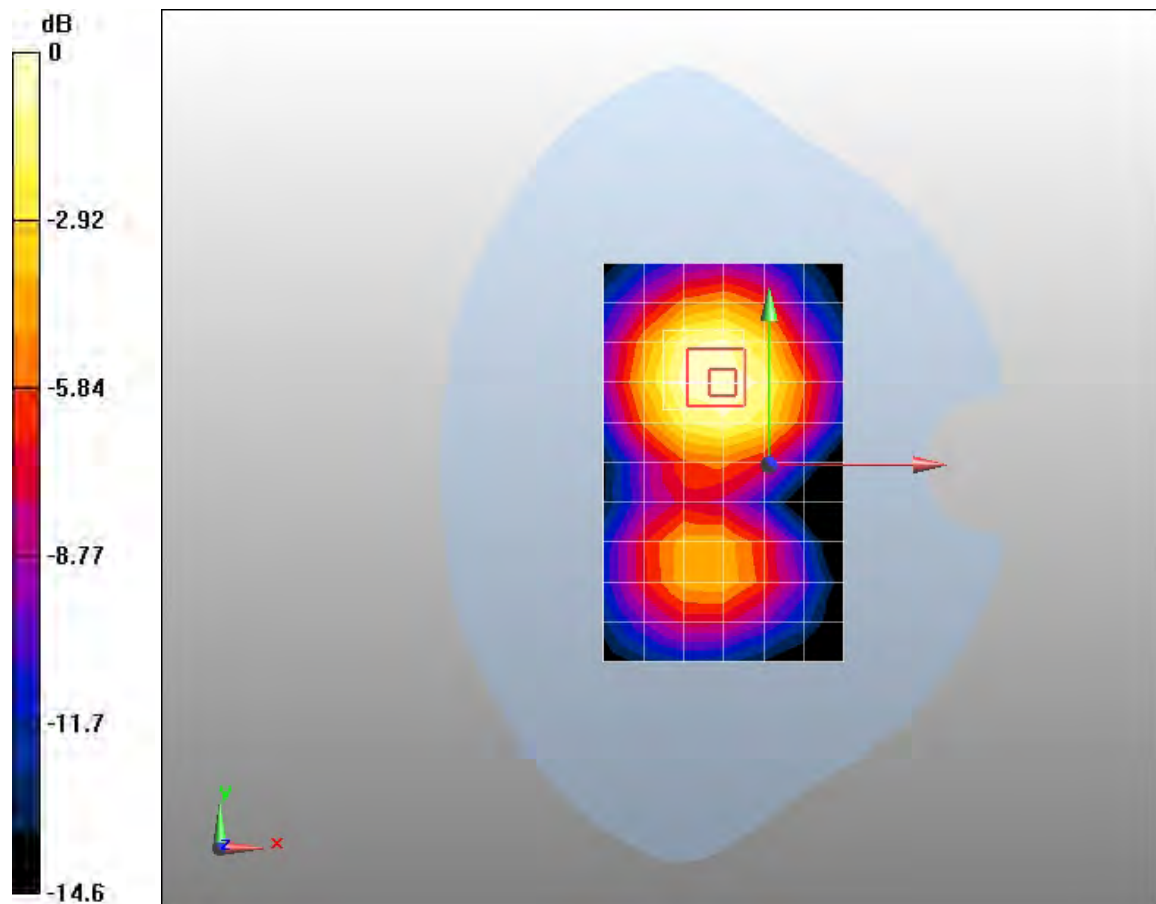
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.04 V/m; Power Drift = -0.00262 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.466 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 EGPRS 661CH 1TS Towards Ground 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

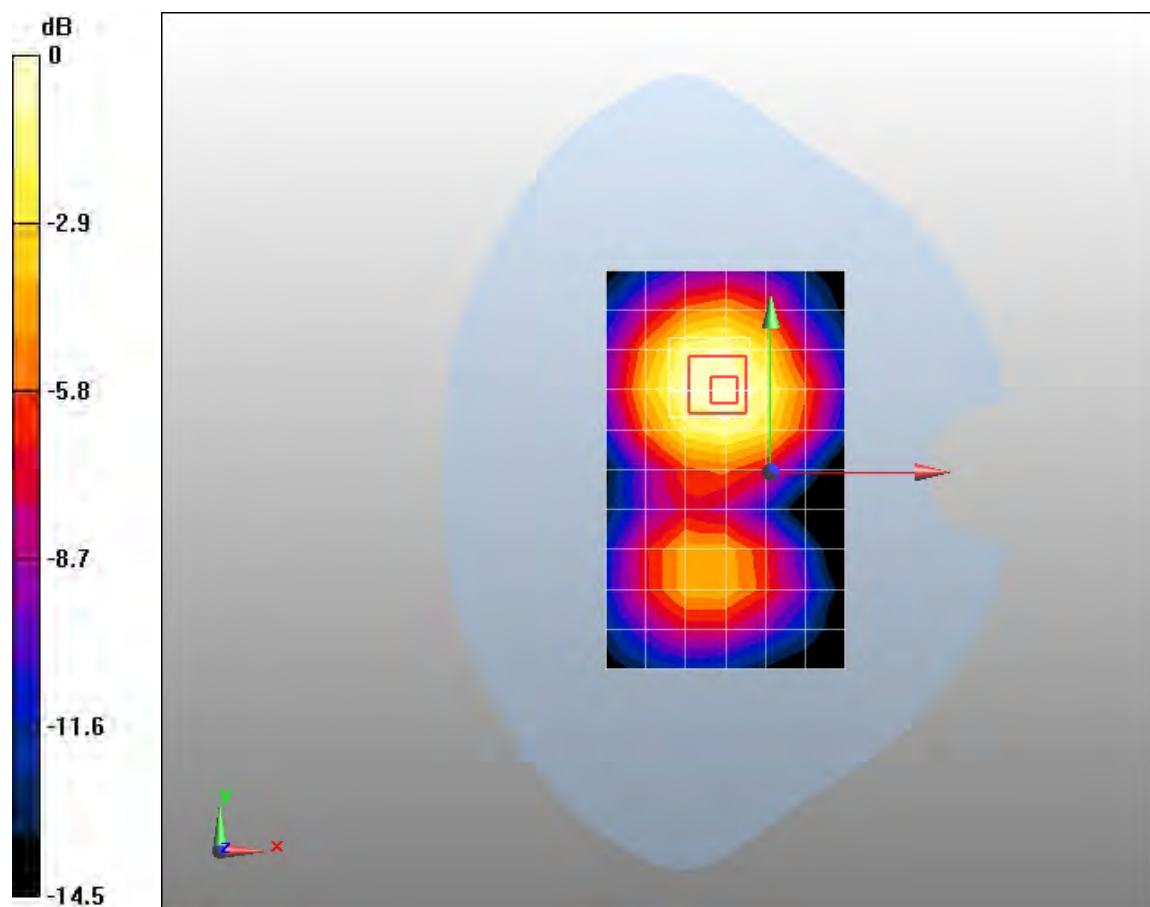
Maximum value of SAR (measured) = 0.380 mW/g

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

Reference Value = 8.11 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.226 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 EGPRS 661CH 2TS Towards Ground 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.468 mW/g

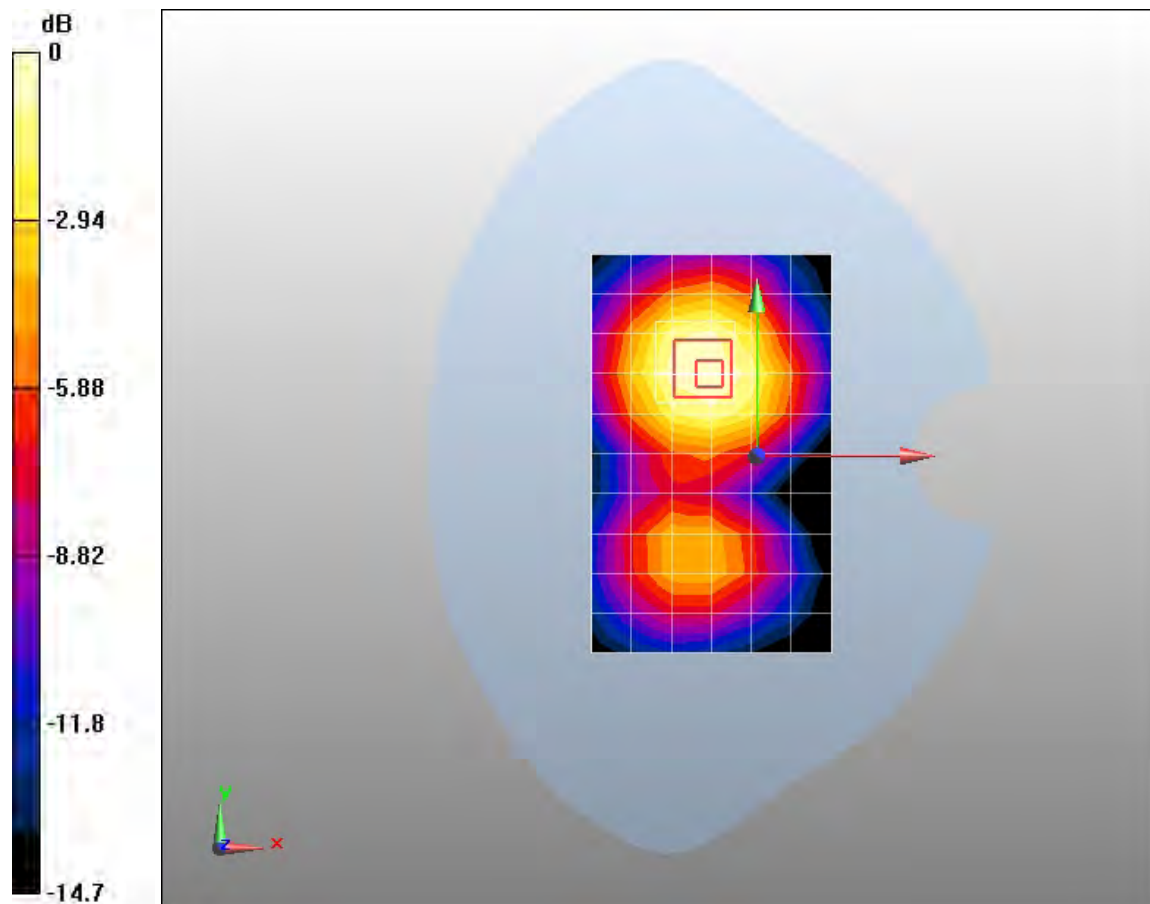
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.02 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.277 mW/g

Maximum value of SAR (measured) = 0.467 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 GSM1900 661CH Towards Ground 15mm wiht headset

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.319 mW/g

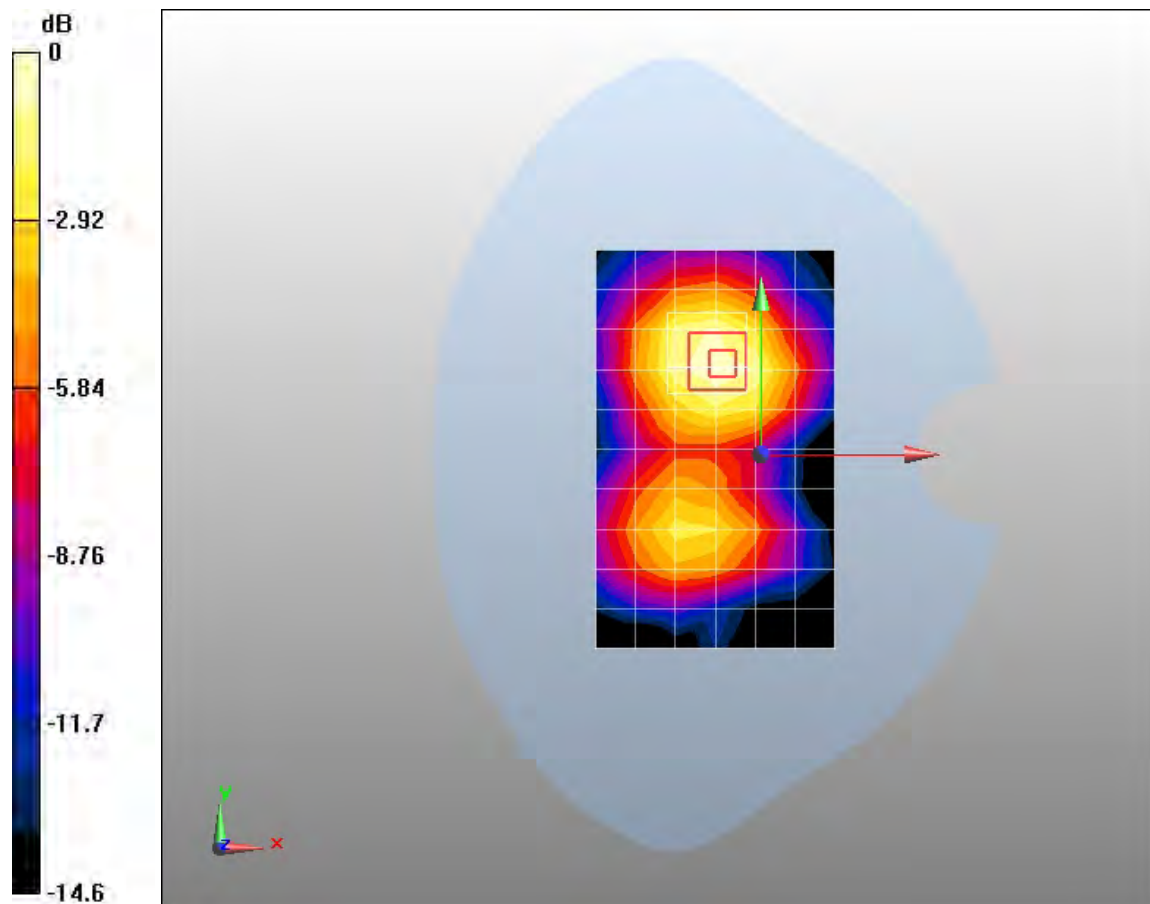
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.89 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.324 mW/g



0 dB = 0.324mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1413CH Left hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

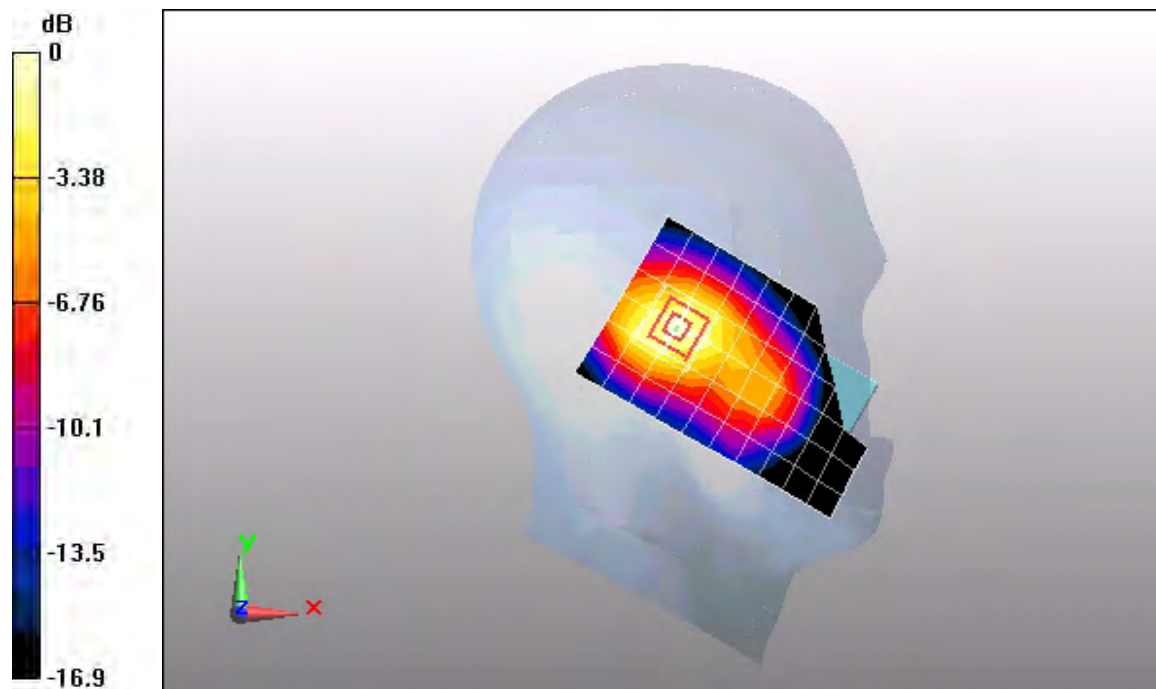
Maximum value of SAR (measured) = 1.11 mW/g

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

Reference Value = 25.6 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.601 mW/g



0 dB = 1.11mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1413CH Left hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.773 mW/g

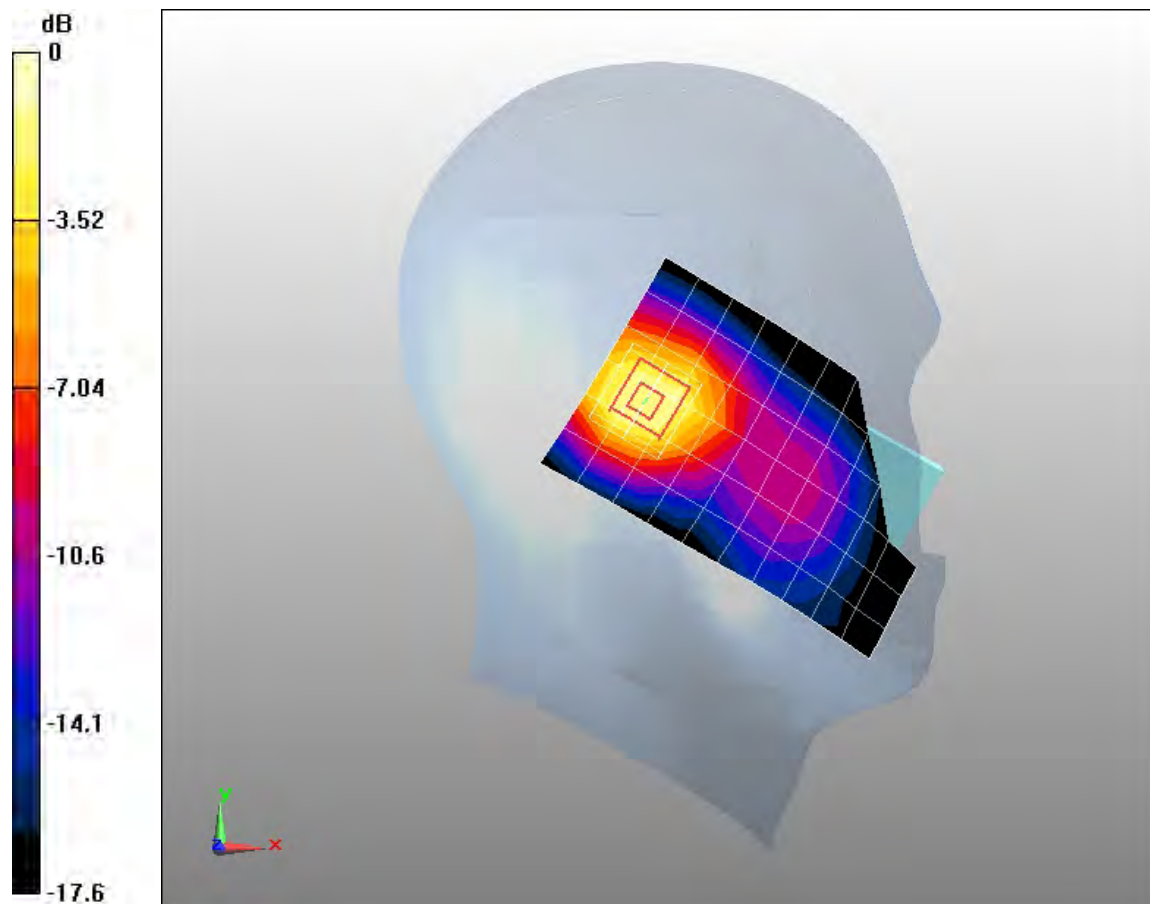
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.6 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 0.982 mW/g



0 dB = 0.982mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1413CH Right hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.08 mW/g

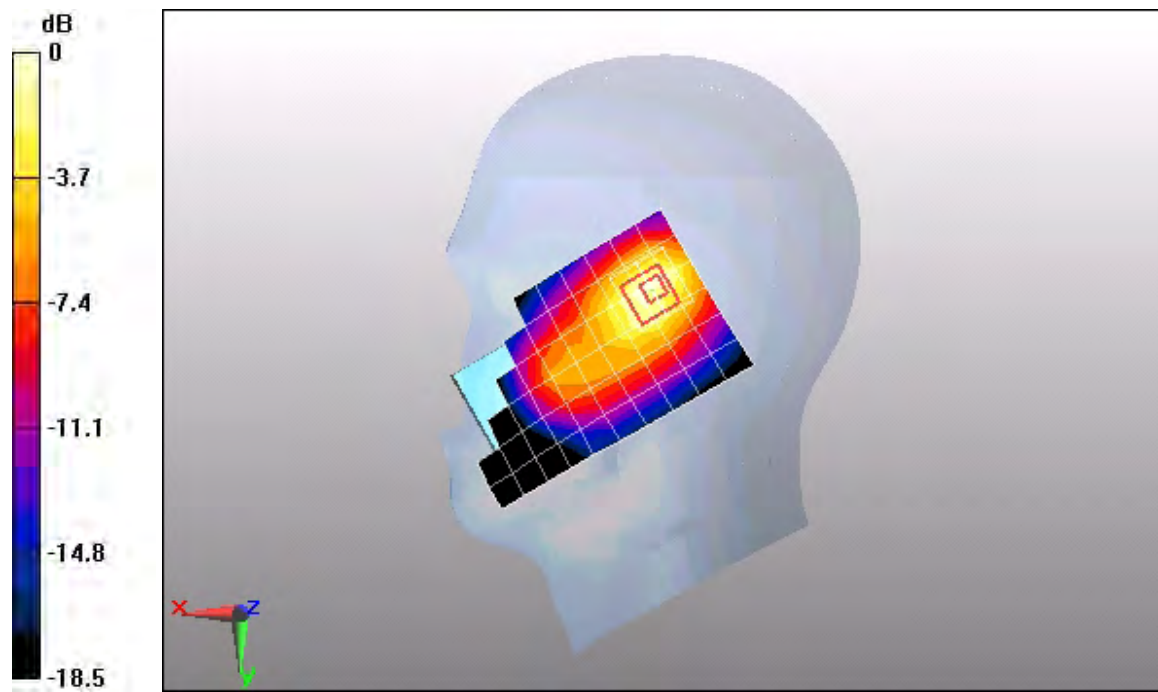
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.590 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1413CH Right hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

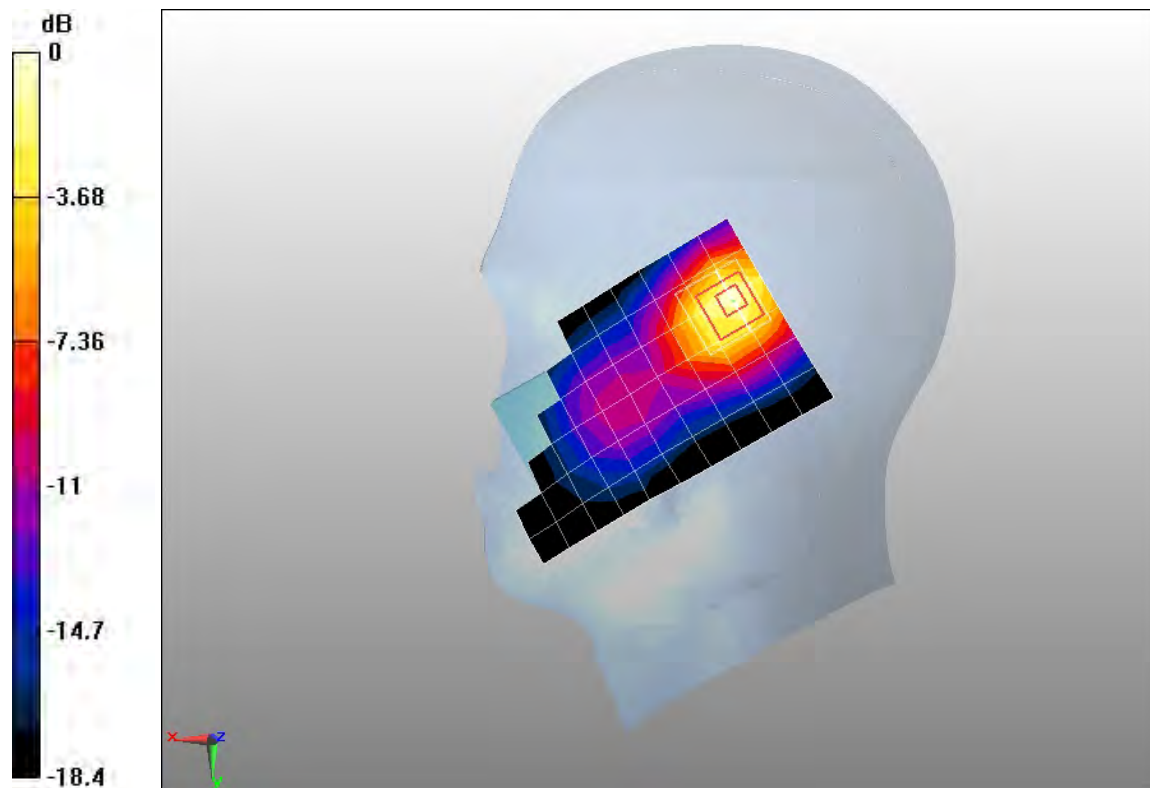
Maximum value of SAR (measured) = 1.14 mW/g

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

Reference Value = 24.7 V/m ; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.03 mW/g ; SAR(10 g) = 0.533 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1513CH Left hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

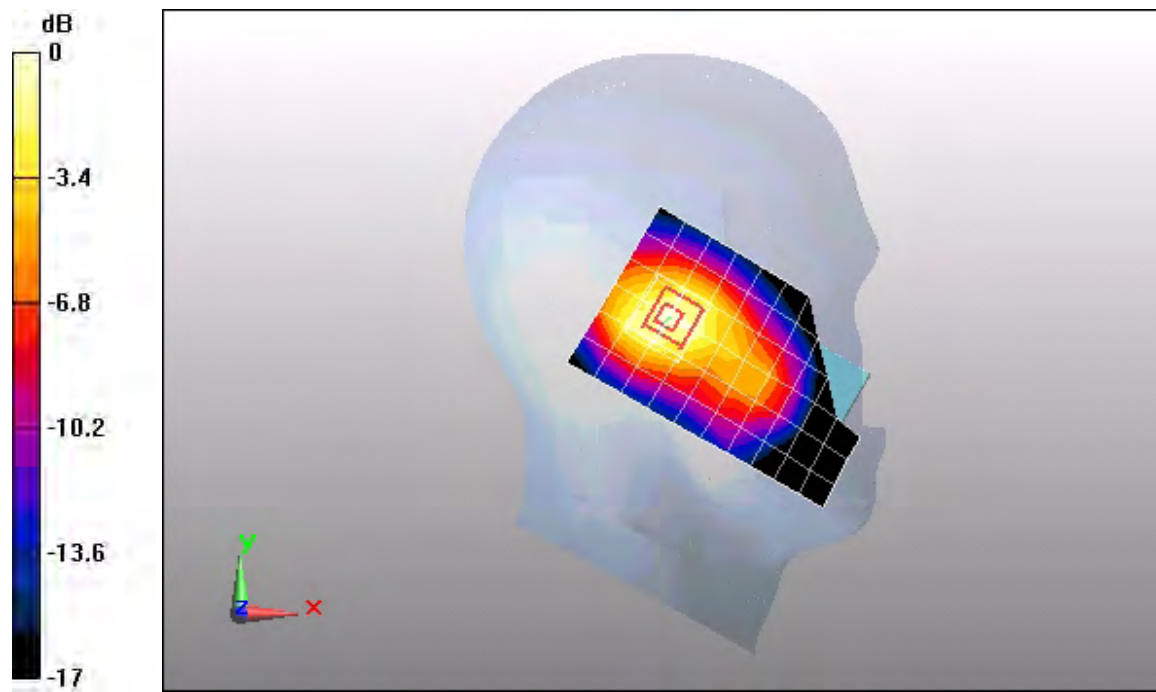
Maximum value of SAR (measured) = 1.07 mW/g

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

Reference Value = 24.4 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.580 mW/g



0 dB = 1.07mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1312CH Left hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.41 mW/g

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

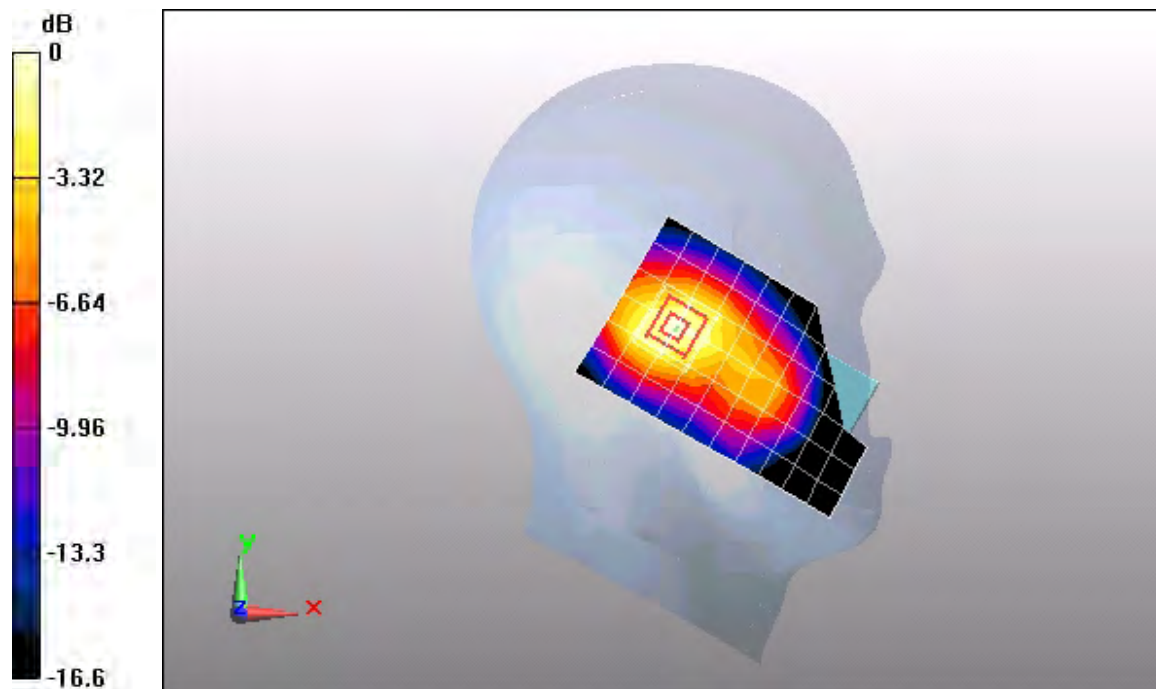
Reference Value = 28.7 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.764 mW/g

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

Maximum value of SAR (measured) = 1.4 mW/g



0 dB = 1.4mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1513CH Left hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.818 mW/g

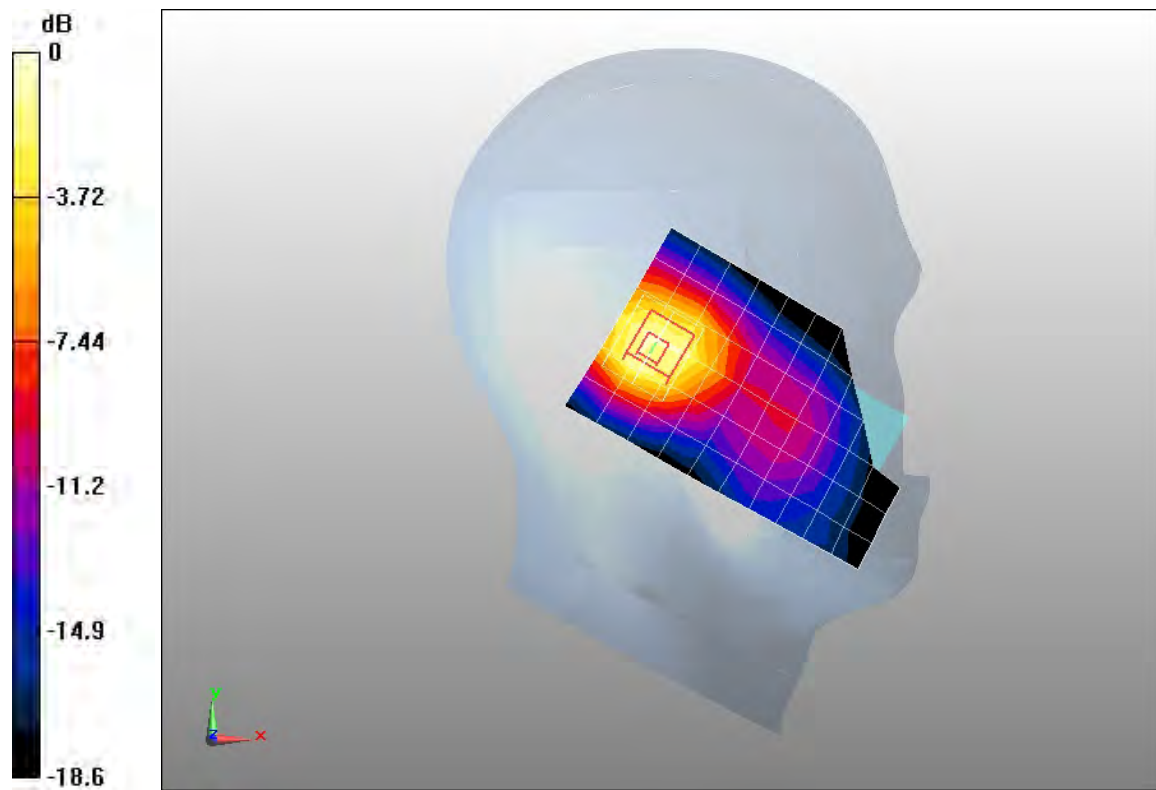
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.9 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



0 dB = 0.985mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1312CH Left hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.07 mW/g

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

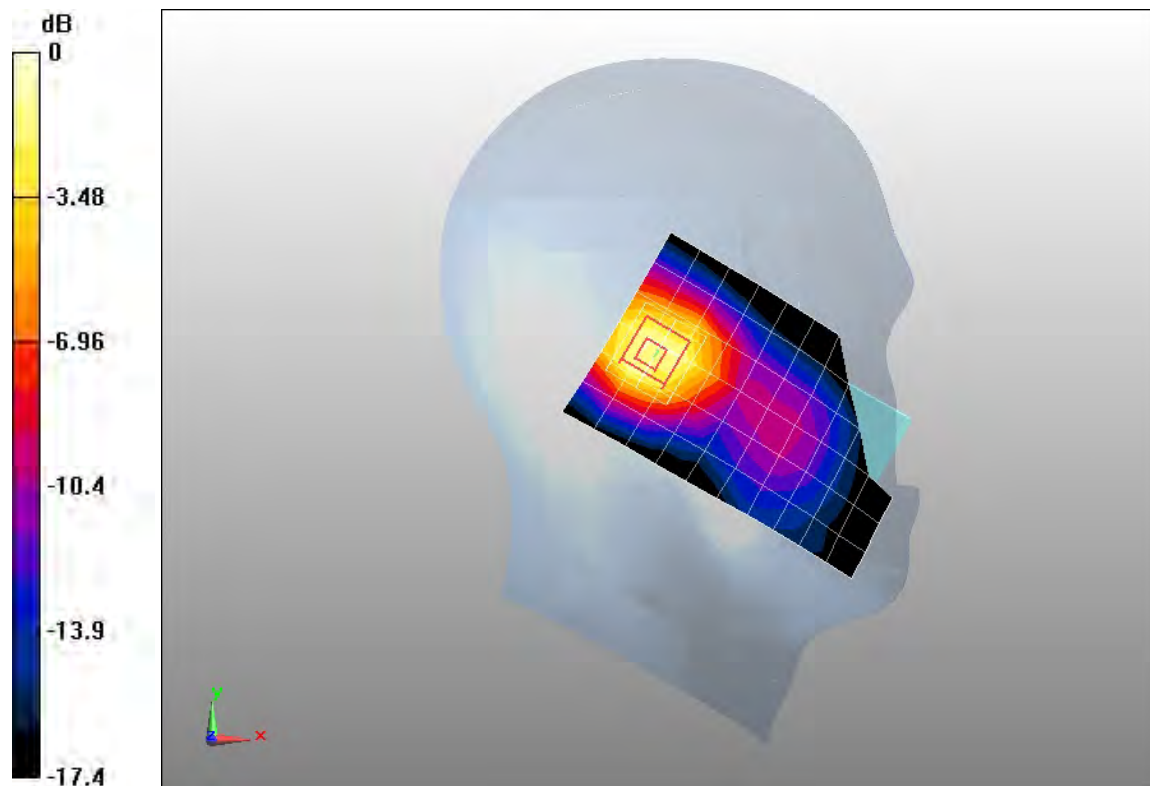
Reference Value = 29.3 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 2.2 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.661 mW/g

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

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1513CH Right hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 mW/g

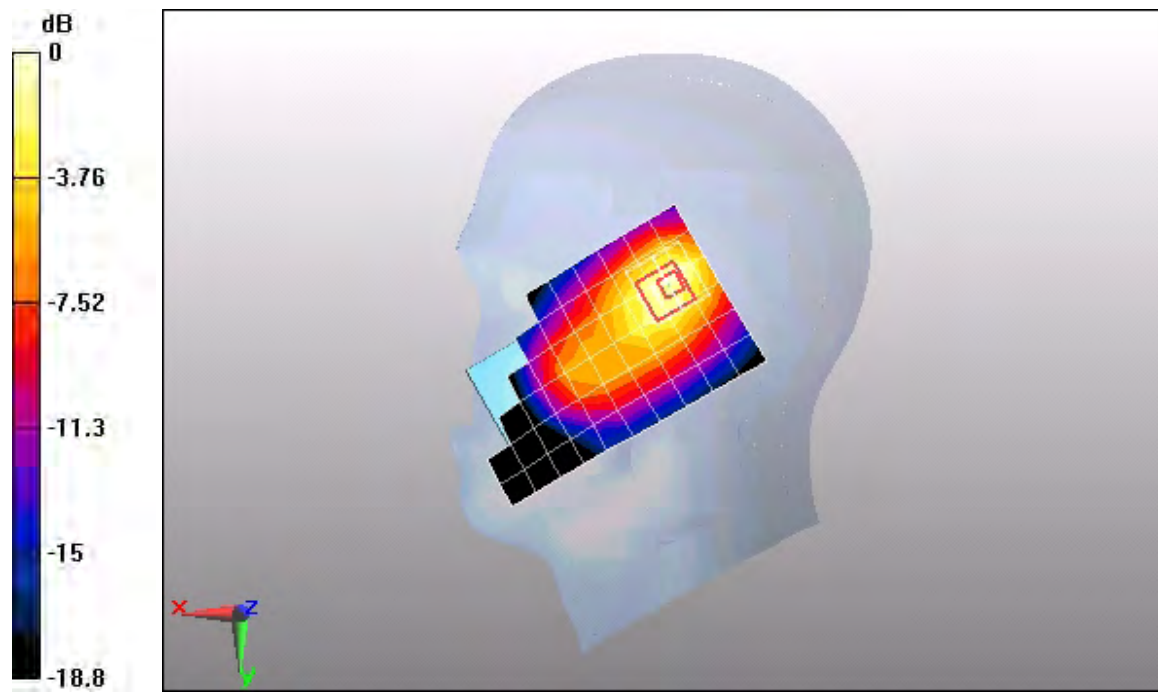
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1312CH Right hand touch cheek

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.36 mW/g

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

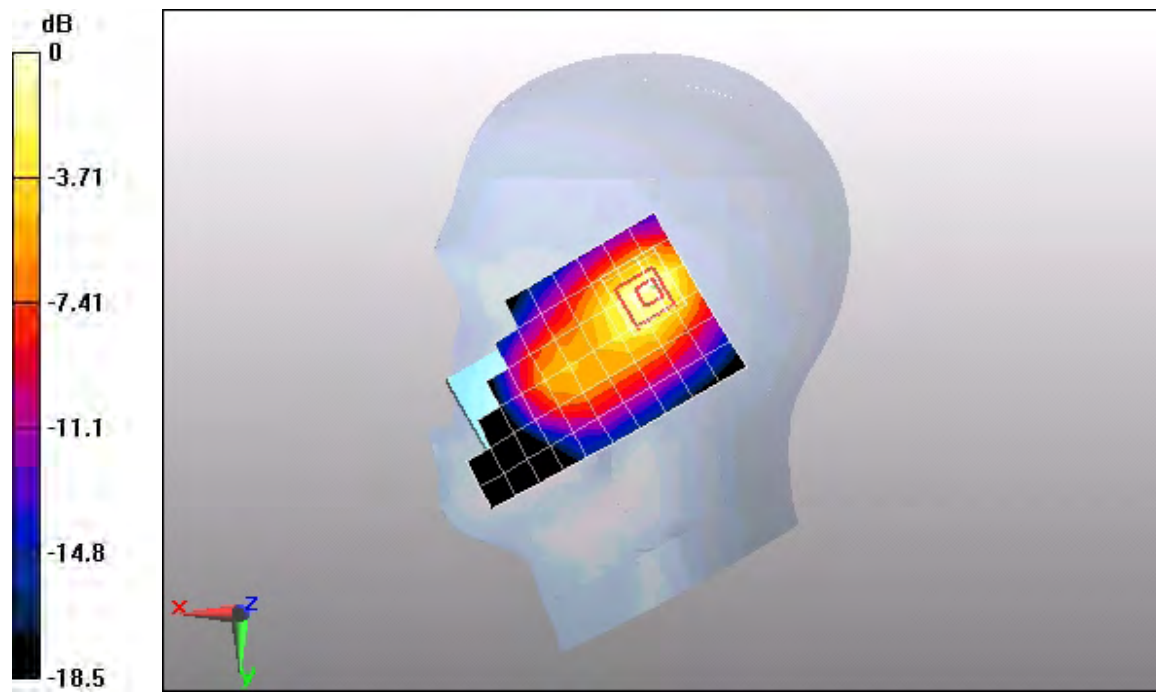
Reference Value = 28.8 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 2.47 W/kg

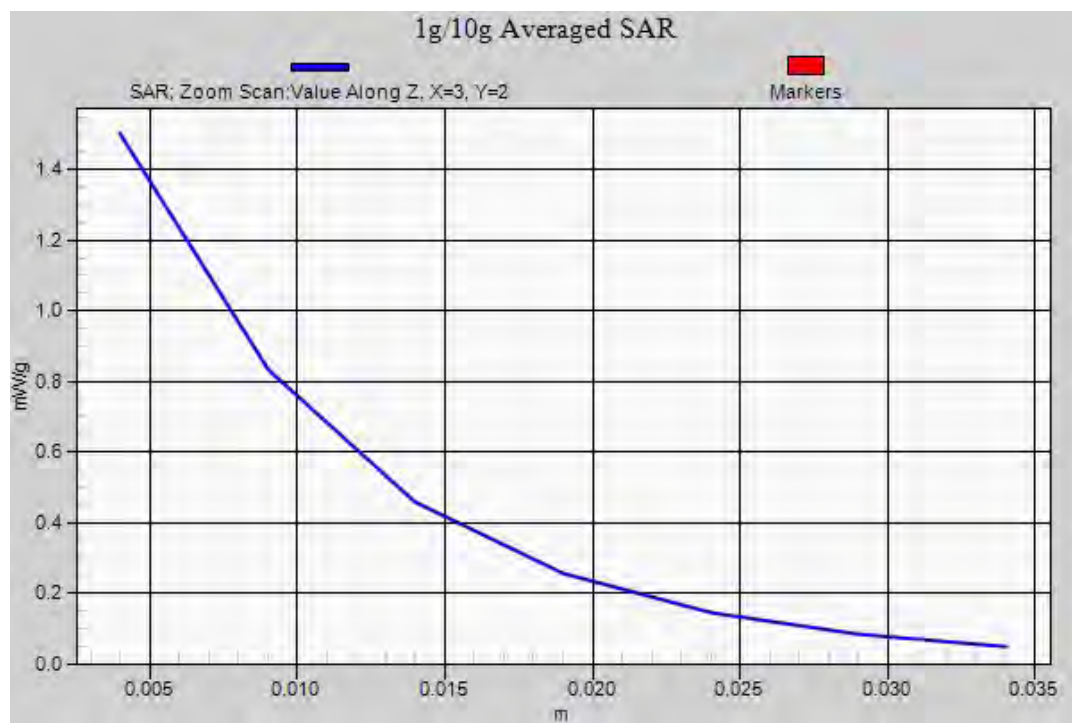
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.741 mW/g

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

Maximum value of SAR (measured) = 1.5 mW/g



0 dB = 1.5mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1513CH Right hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.09 mW/g

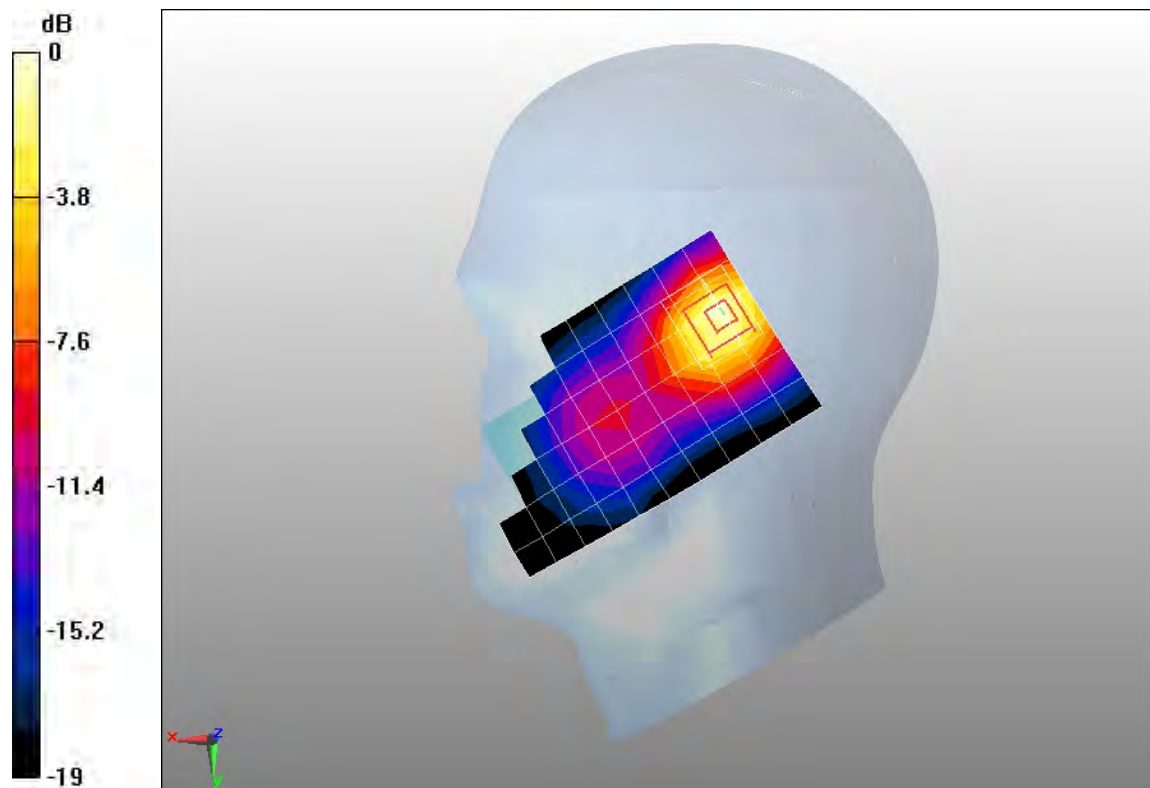
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.9 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.532 mW/g

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1312CH Right hand tilt 15 degree

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.37 mW/g

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

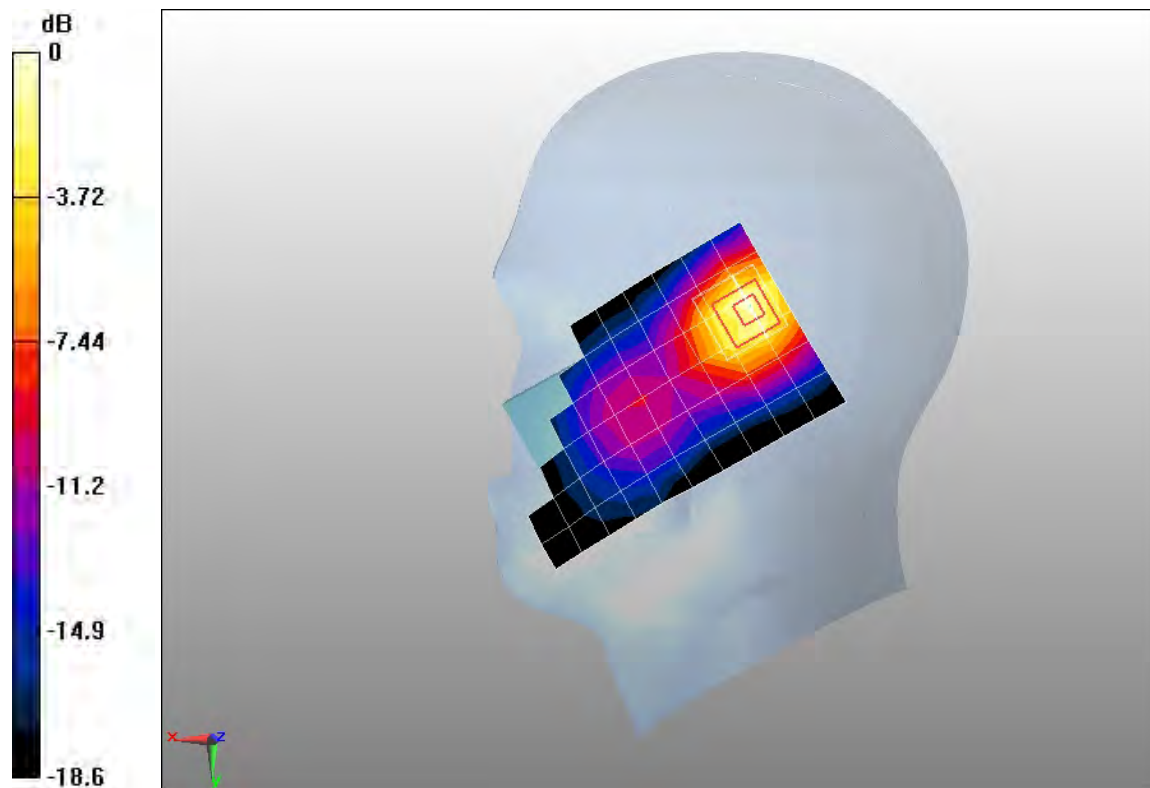
Reference Value = 29.7 V/m; Power Drift = 0.00652 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.684 mW/g

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

Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1413CH Towards Phantom 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.290 mW/g

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

Reference Value = 5.94 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.308 mW/g

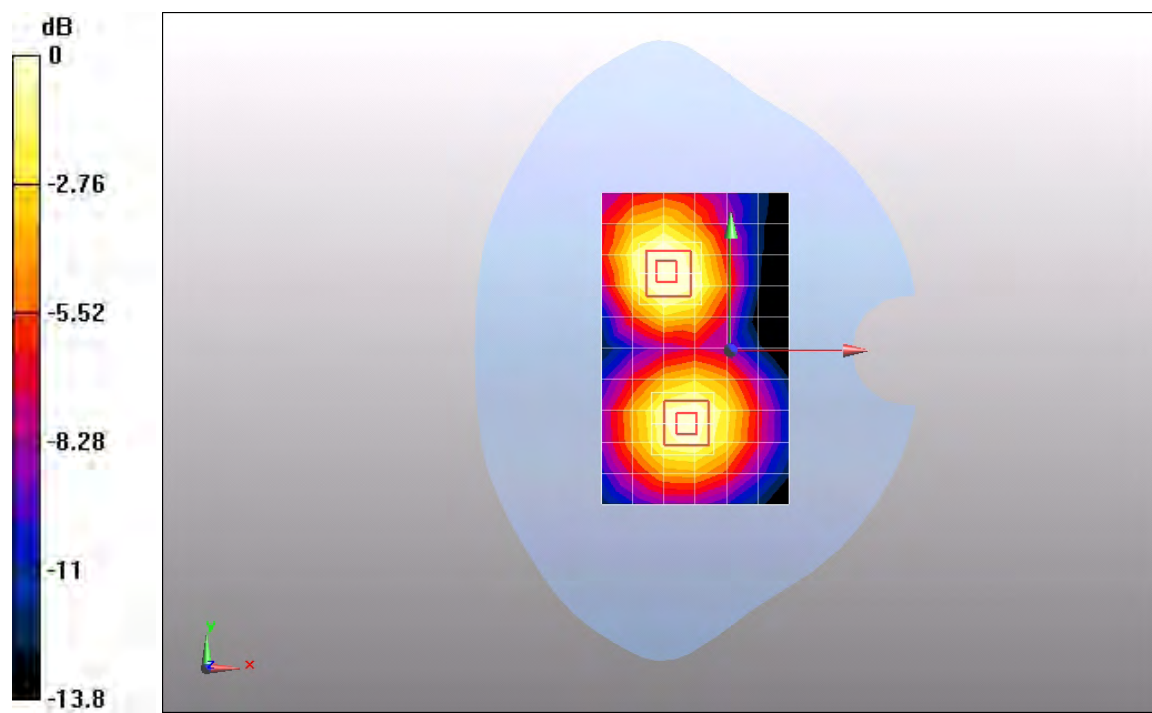
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.94 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.149 mW/g

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



0 dB = 0.253mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1413CH Towards Ground 15mm

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.652 mW/g

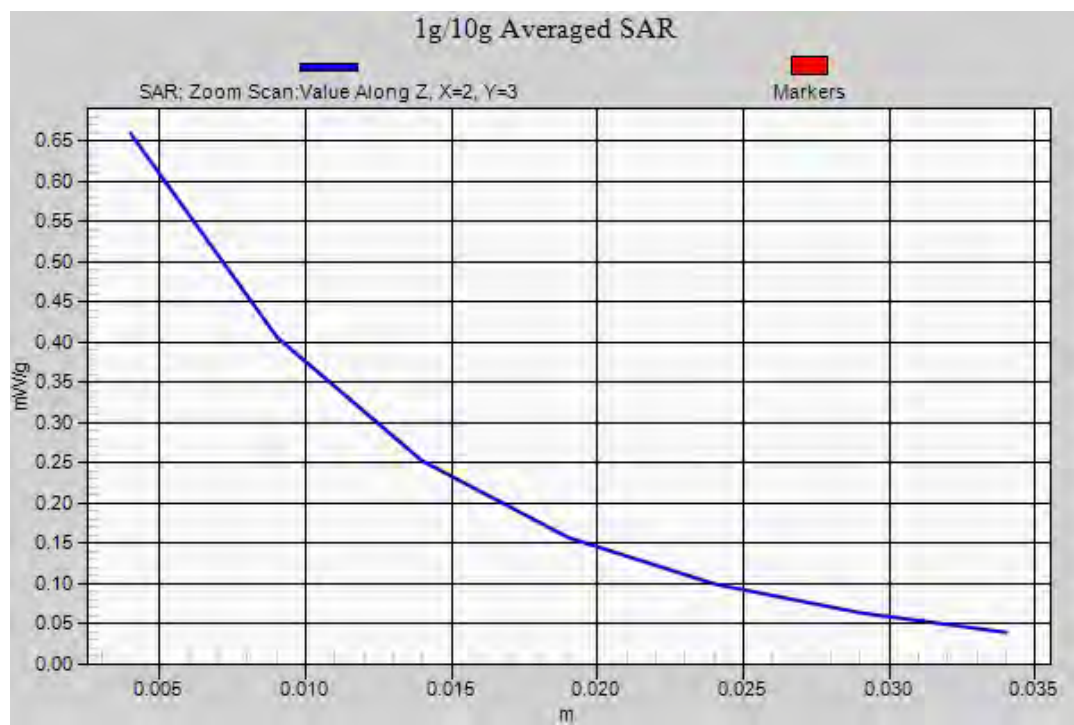
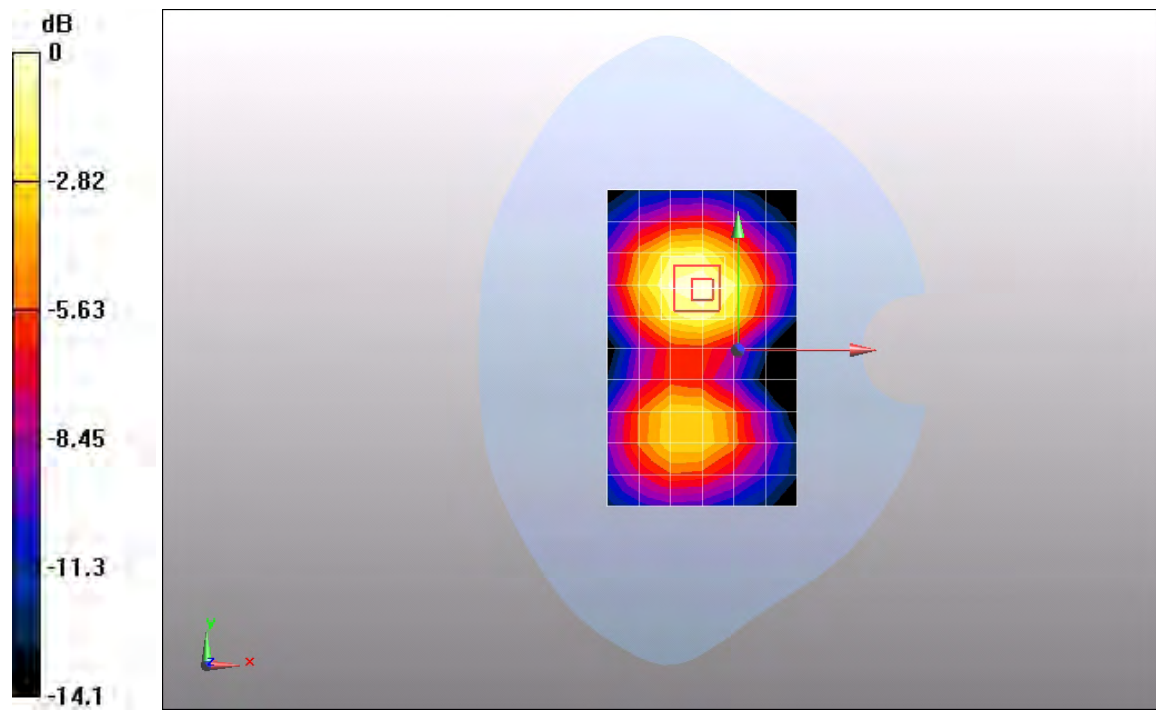
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.659 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-34 WCDMA1700 1413CH Towards Ground 15mm with Headset

DUT: U2801-34; Type: Mobile phone; Serial: N6S2A11172500010

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 10/22/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.515 mW/g

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

Reference Value = 11.8 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.539 mW/g

