



## Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

**Y336-A2 CDMA BC0 384CH Left Hand touch cheek with battery 2#**

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 42.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.13, 9.13, 9.13); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.645 W/kg

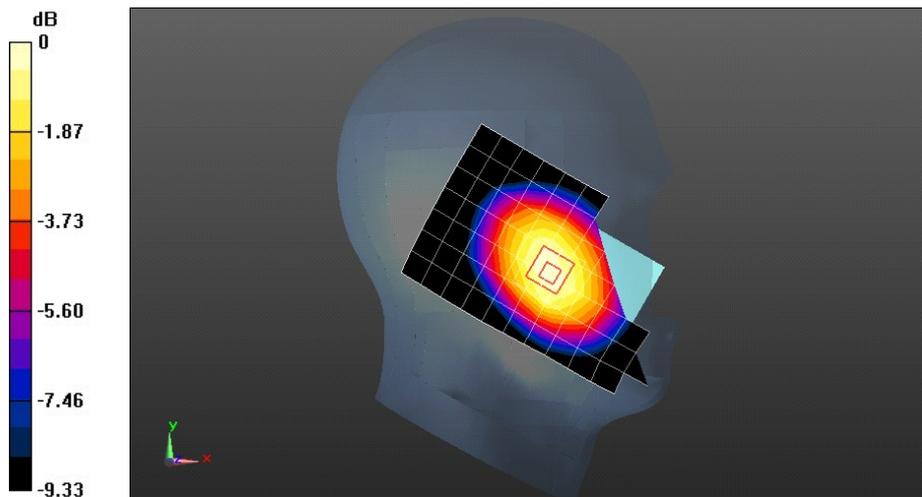
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.633 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.781 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.465 W/kg**

Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678 W/kg = -1.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### Y336-A2 CDMA BC0 RC3 TDSO32 1013CH Back Side 15mm with battery 2#

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, CDMA2000 (0); Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 53.382$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.897 W/kg

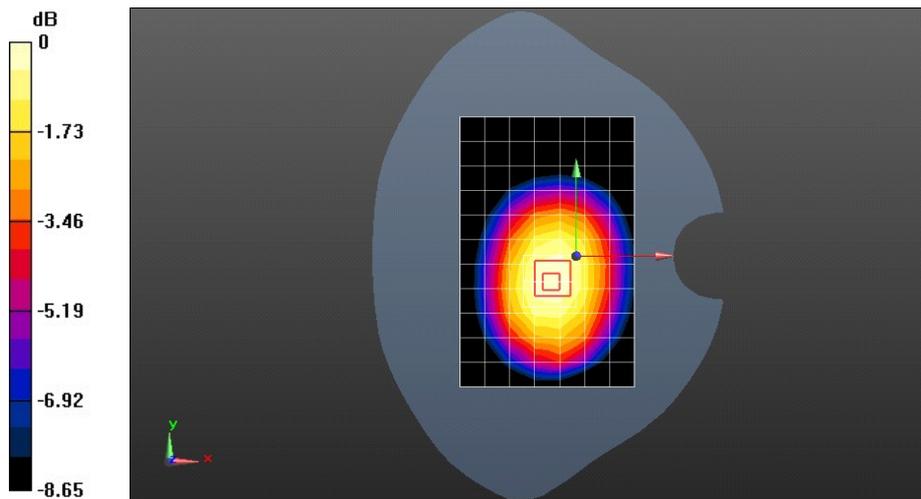
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 29.393 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.625 W/kg**

Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**Y336-A2 CDMA BC0 Rev.0 384CH Back Side 10mm with battery 2#**

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 52.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

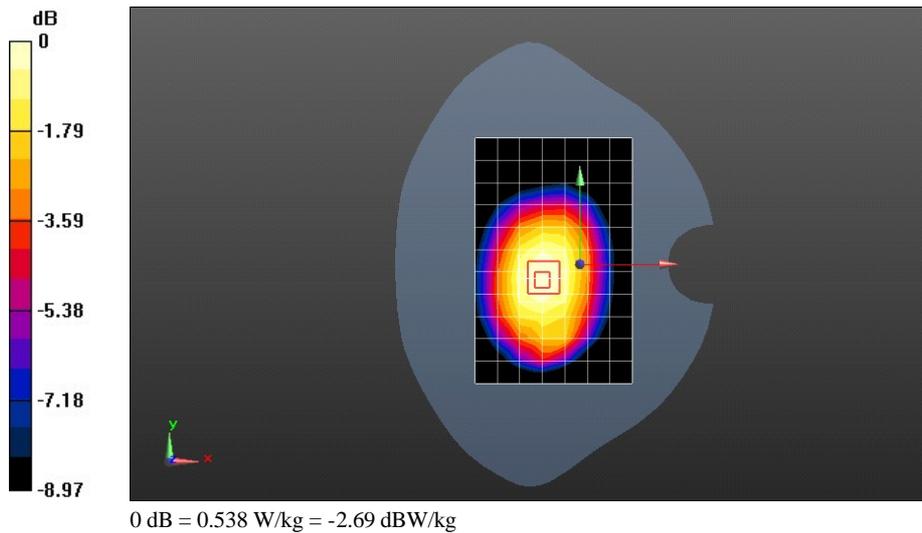
Maximum value of SAR (measured) = 0.538 W/kg

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

Reference Value = 22.651 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.615 W/kg

**SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.371 W/kg**



Test Laboratory: HUAWEI SAR/HAC Lab

### Y336-A2 CDMA BC1 25CH Left Hand touch cheek

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.334$  S/m;  $\epsilon_r = 39.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 1.41 W/kg

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

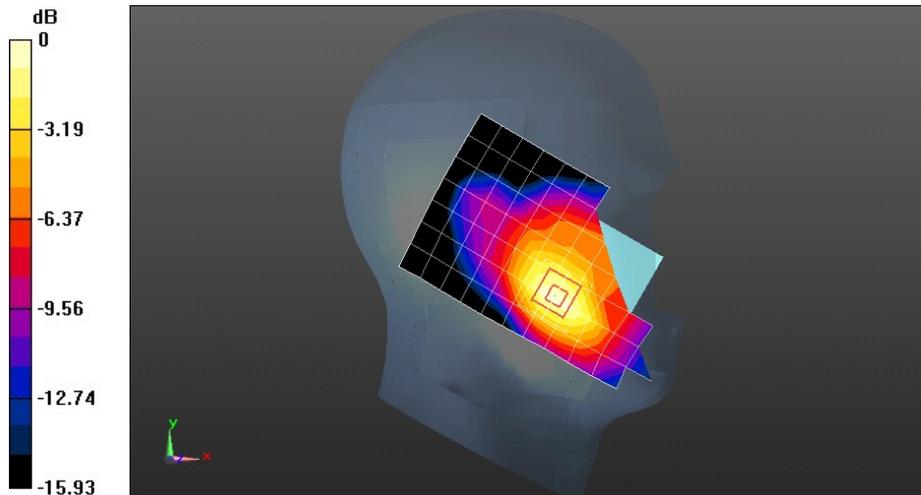
Reference Value = 12.547 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.796 W/kg**

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

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### Y336-A2 CDMA BC1 25CH Left Hand touch cheek with battery 2#

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.334$  S/m;  $\epsilon_r = 39.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 1.47 W/kg

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

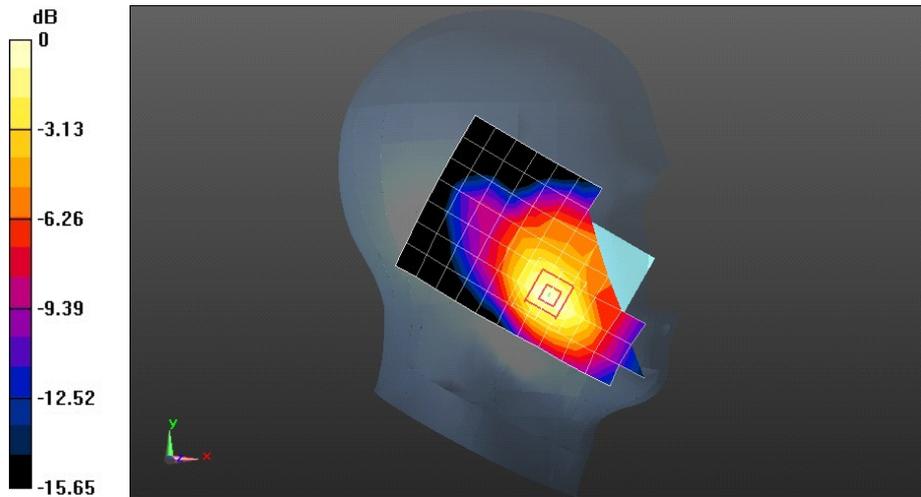
Reference Value = 12.193 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.826 W/kg**

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

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### Y336-A2 CDMA BC1 RC3 TDSO32 25CH Front Side 15mm with battery 2#

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.49$  S/m;  $\epsilon_r = 51.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.961 W/kg

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

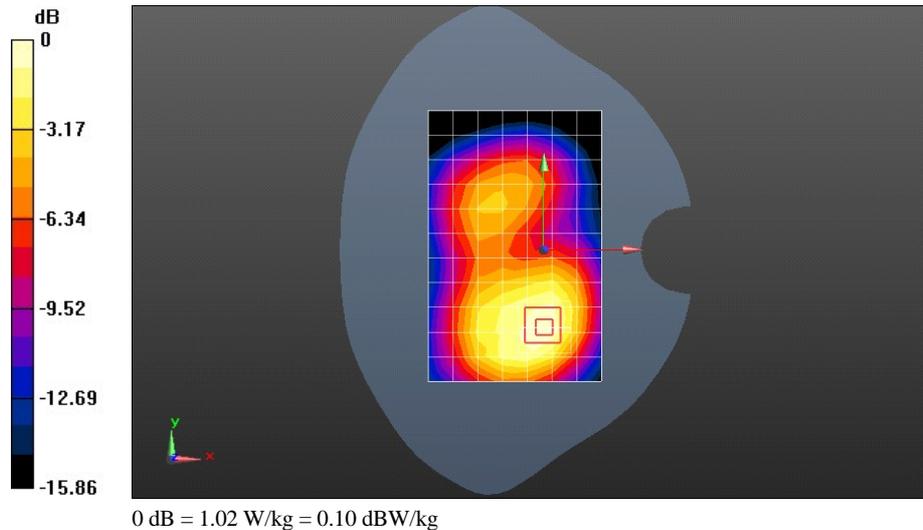
Reference Value = 11.587 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.526 W/kg**

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

Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y336-A2 CDMA BC1 Rev.0 600CH Bottom Side 10mm-repeat

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, CDMA2000 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 51.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.12 W/kg

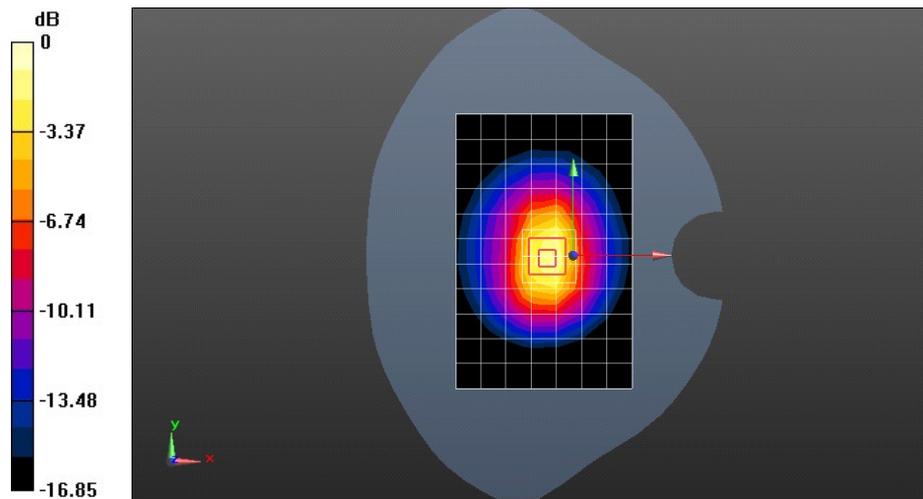
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 28.122 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.587 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### Y336-A2 WiFi 802.11b 11CH Left hand touch cheek

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.905$  S/m;  $\epsilon_r = 37.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.96, 6.96, 6.96); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.423 W/kg

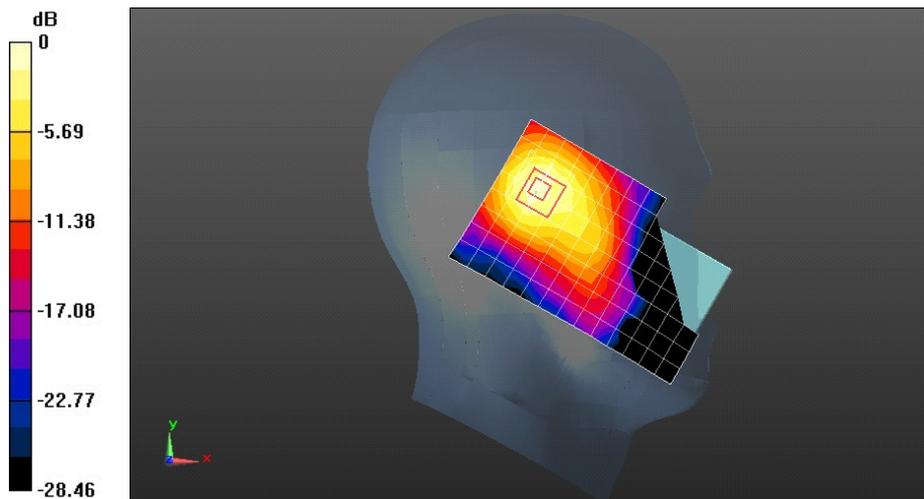
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.674 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.759 W/kg

**SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.172 W/kg**

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



0 dB = 0.462 W/kg = -3.35 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**Y336-A2 WiFi 802.11b 11CH Left hand touch cheek with battery 2#**

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.905$  S/m;  $\epsilon_r = 37.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.96, 6.96, 6.96); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.441 W/kg

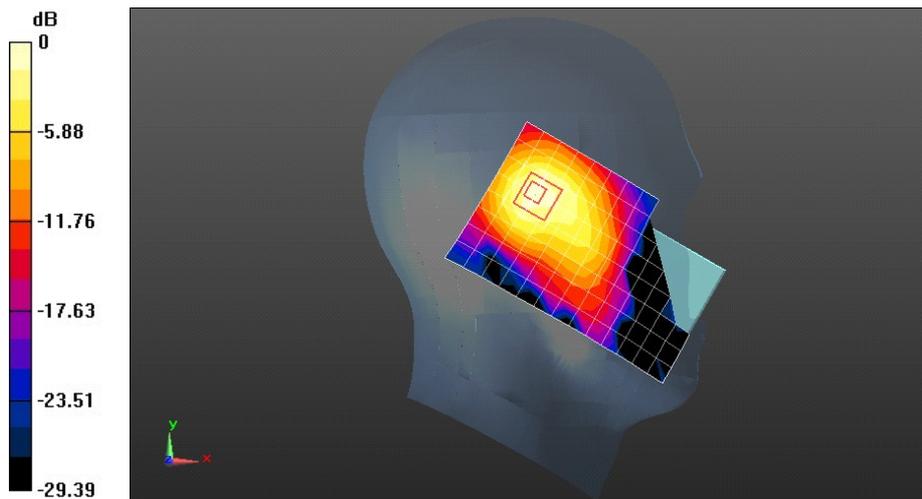
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.150 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.698 W/kg

**SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.165 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

### Y336-A2 WiFi 802.11b 11CH Back Side 15mm with battery 2#

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.039$  S/m;  $\epsilon_r = 51.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.114 W/kg

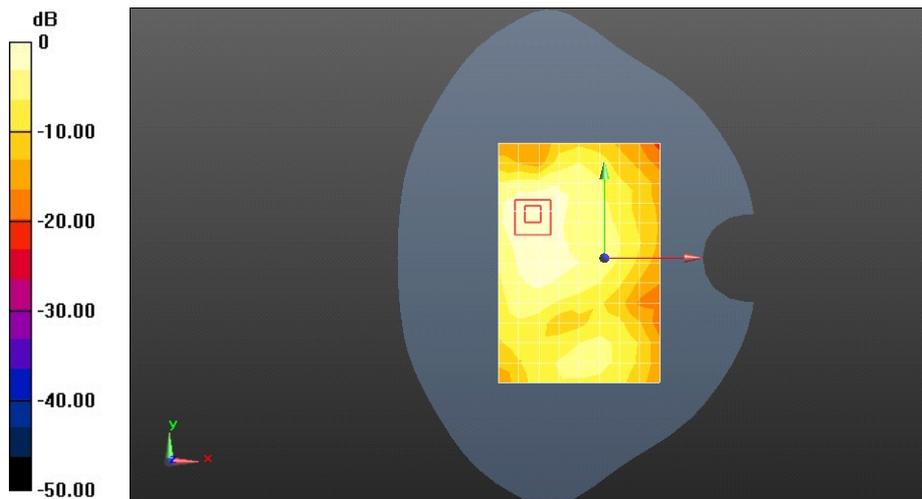
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.071 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.179 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### Y336-A2 WiFi 802.11b 11CH Back Side 10mm with battery 2#

**DUT: HUAWEI Y336-A2, Y336-A2; Type: Smart Phone ; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.039$  S/m;  $\epsilon_r = 51.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.202 W/kg

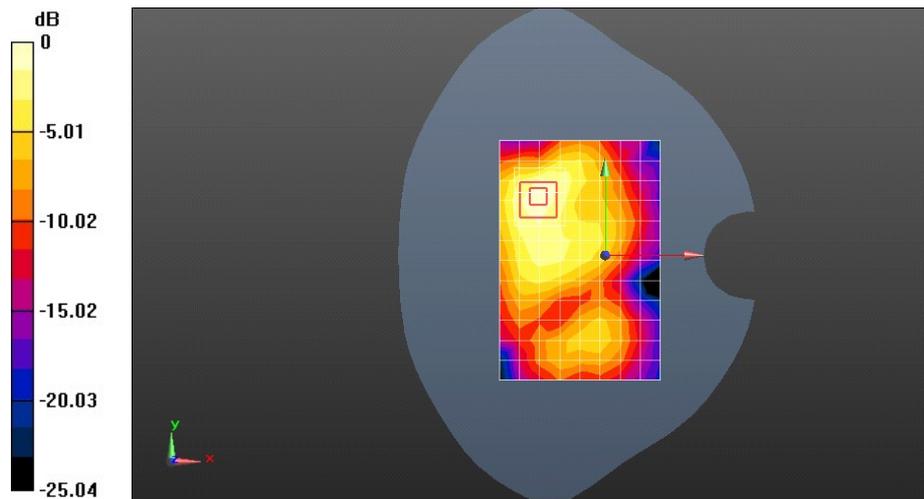
**Configuration/Body/Zoom Scan (7x8x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.407 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.091 W/kg**

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



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