Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 251CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.9 S/m; ε_r = 41.968; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
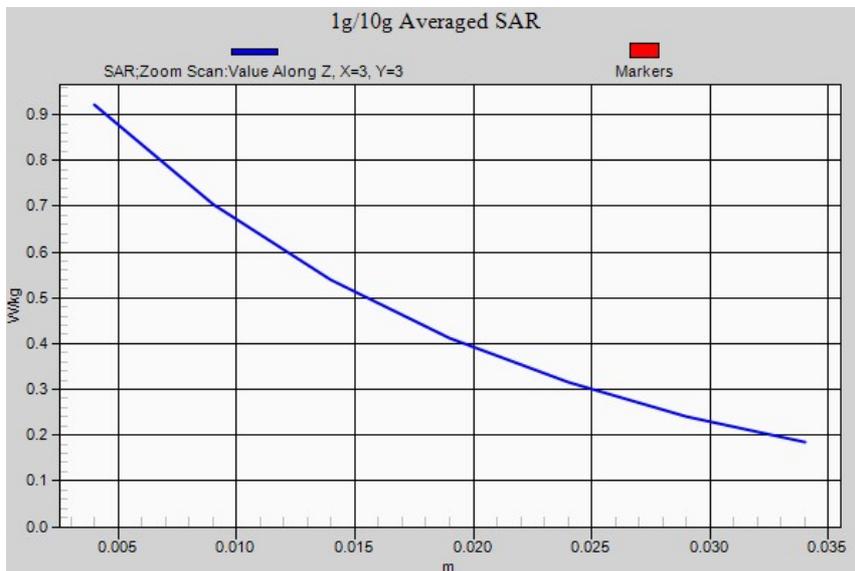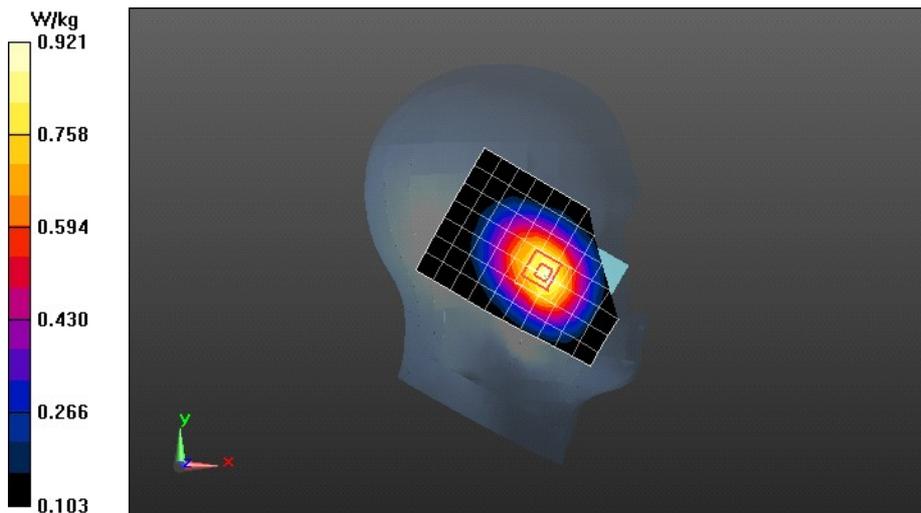Maximum value of SAR (measured) = 0.929 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.053 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.638 W/kg
Maximum value of SAR (measured) = 0.921 W/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 190CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.911 S/m; $ε_r$ = 42.255; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
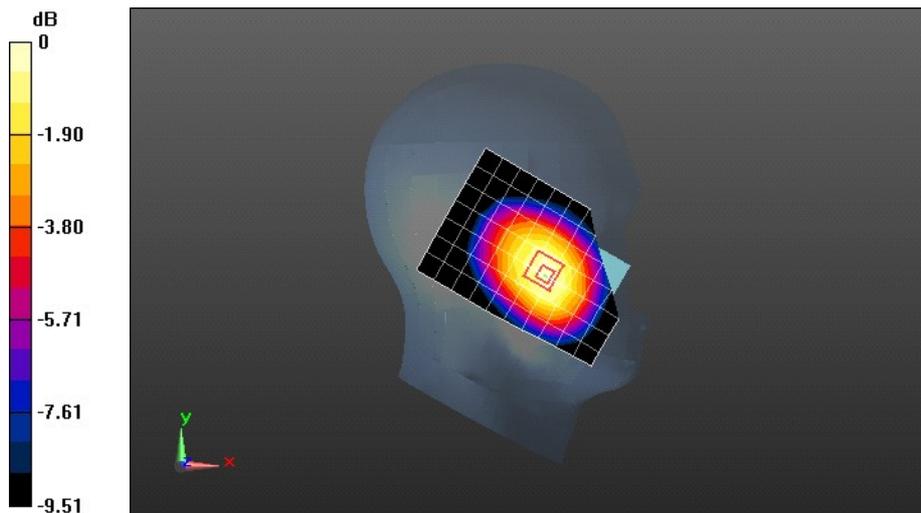Maximum value of SAR (measured) = 0.776 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.453 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.962 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.531 W/kg
Maximum value of SAR (measured) = 0.771 W/kg

0 dB = 0.771 W/kg = -1.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 128CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 824 MHz; σ = 0.895 S/m; $ε_r$ = 42.395; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
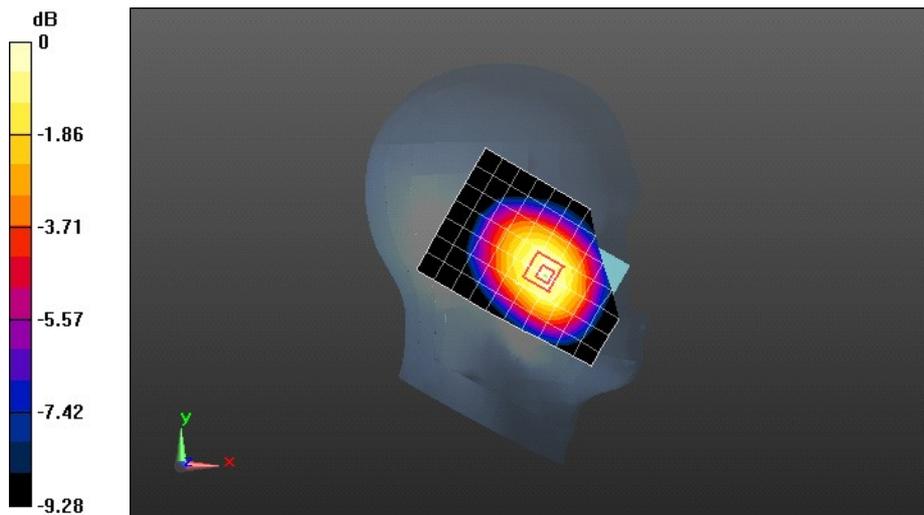Maximum value of SAR (measured) = 0.558 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.937 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.395 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

H215G GSM850 190CH Left hand tilt 15 degree

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.911 S/m; $ε_r$ = 42.255; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
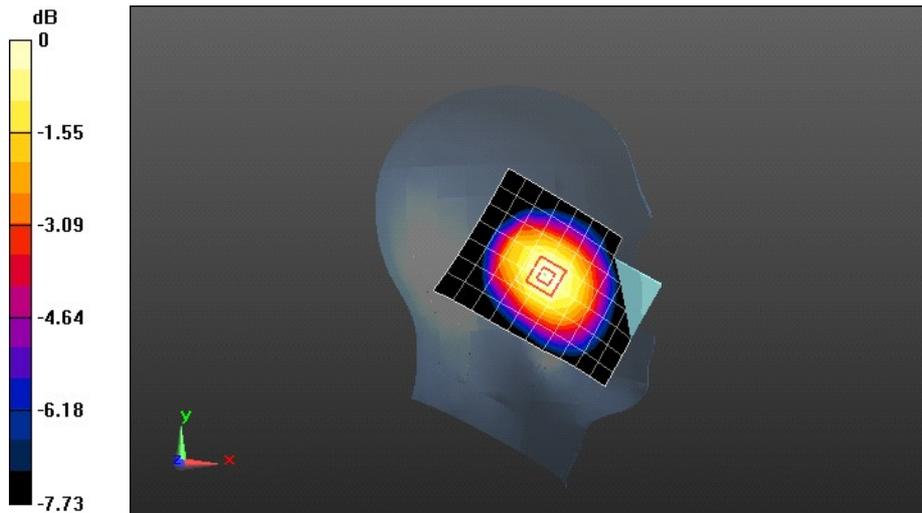Maximum value of SAR (measured) = 0.437 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.101 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.325 W/kg
Maximum value of SAR (measured) = 0.448 W/kg

0 dB = 0.448 W/kg = -3.48 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 190CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: f = 837 MHz; σ = 0.911 S/m; ε_r = 42.255; ρ = 1000 kg/m^3

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
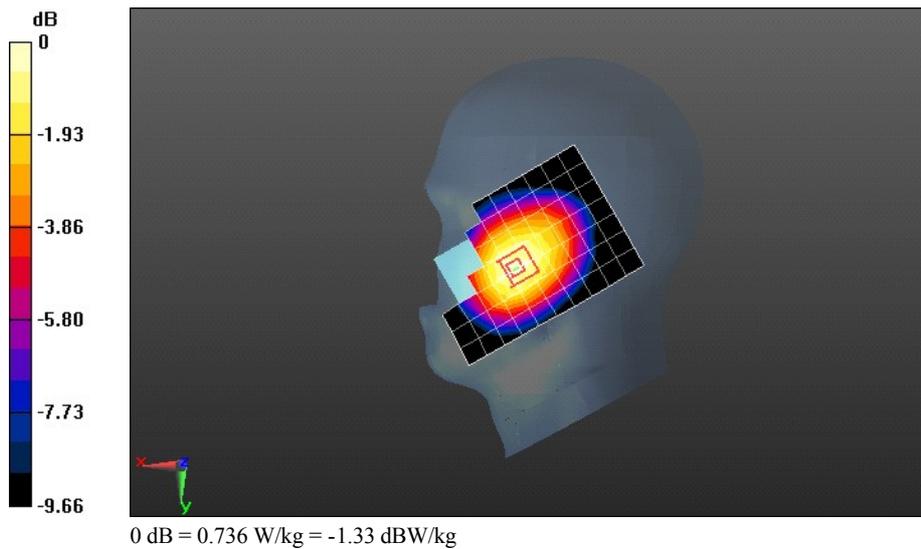Maximum value of SAR (measured) = 0.719 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.871 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.513 W/kg
Maximum value of SAR (measured) = 0.736 W/kg

0 dB = 0.736 W/kg = -1.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 190CH Right hand tilt 15 degree

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.911 S/m; ε_r = 42.255; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
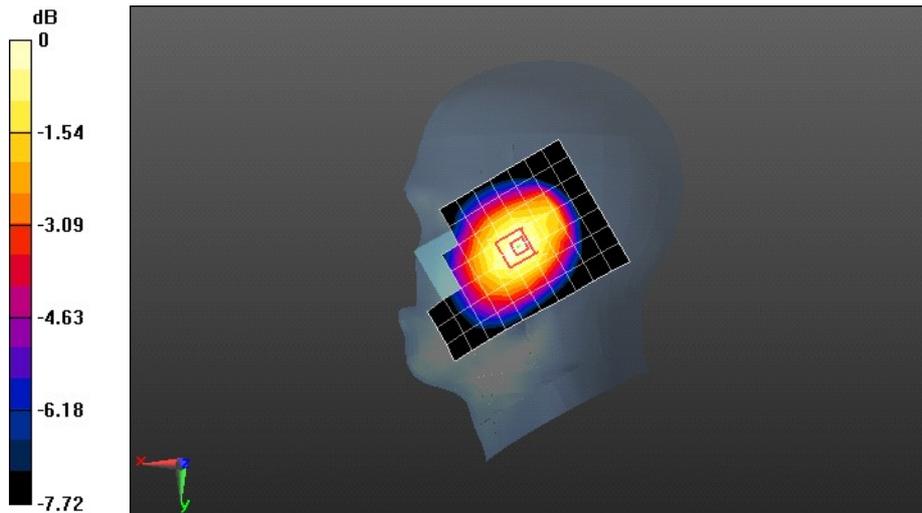Maximum value of SAR (measured) = 0.423 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.054 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.438 W/kg

0 dB = 0.438 W/kg = -3.58 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 251CH Left hand touch cheeck-Repeated

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.9 S/m; ε_r = 41.968; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.906 W/kg

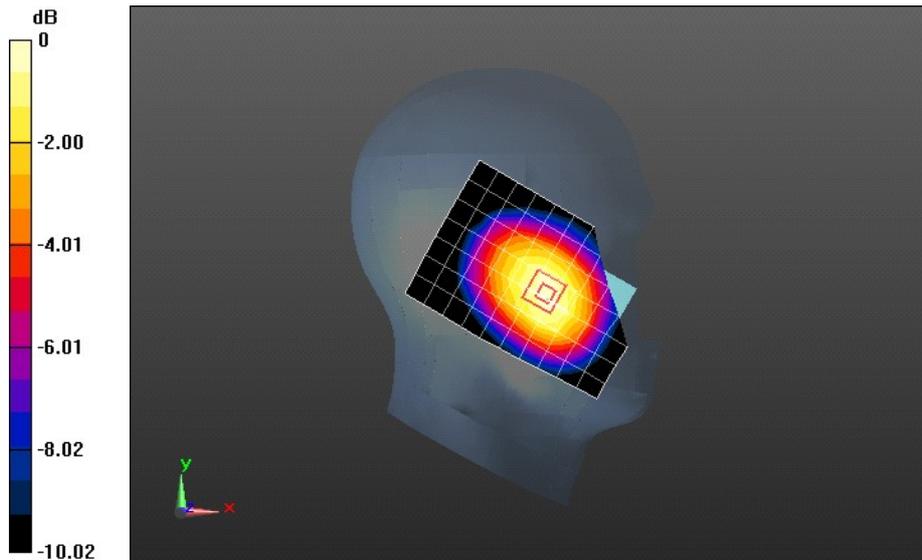**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.312 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.627 W/kg
Maximum value of SAR (measured) = 0.916 W/kg

0 dB = 0.916 W/kg = -0.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 190CH Towards Phantom 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.941 S/m; ε_r = 52.705; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
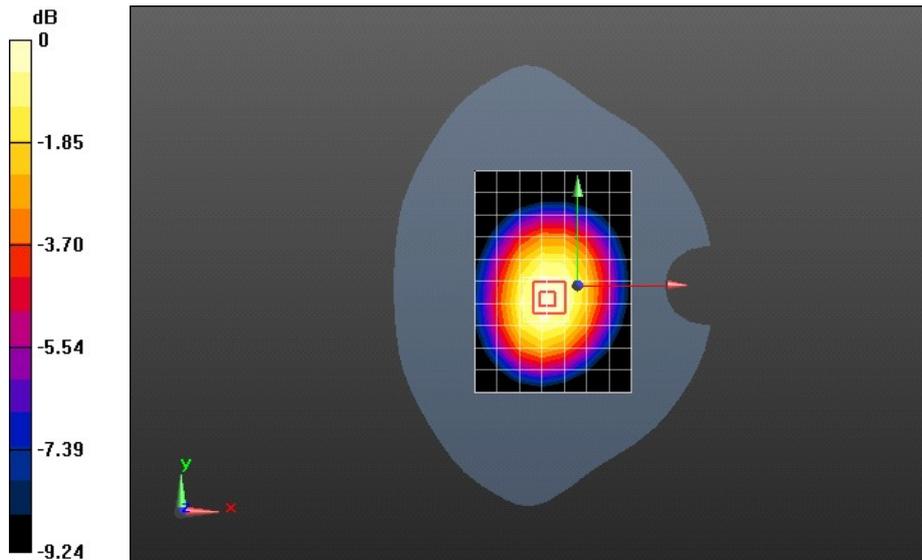Maximum value of SAR (measured) = 0.609 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.621 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 0.616 W/kg

0 dB = 0.616 W/kg = -2.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 251CH Towards Ground 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.949 S/m; $ε_r$ = 52.693; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
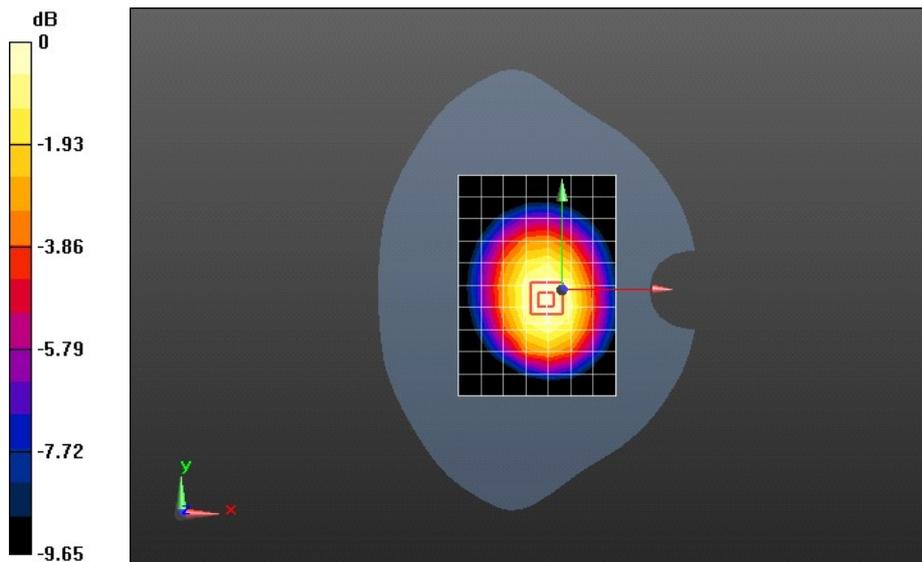Maximum value of SAR (measured) = 0.862 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.158 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.597 W/kg
Maximum value of SAR (measured) = 0.877 W/kg

0 dB = 0.877 W/kg = -0.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 190CH Towards Ground 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.941 S/m; ε_r = 52.705; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.885 W/kg

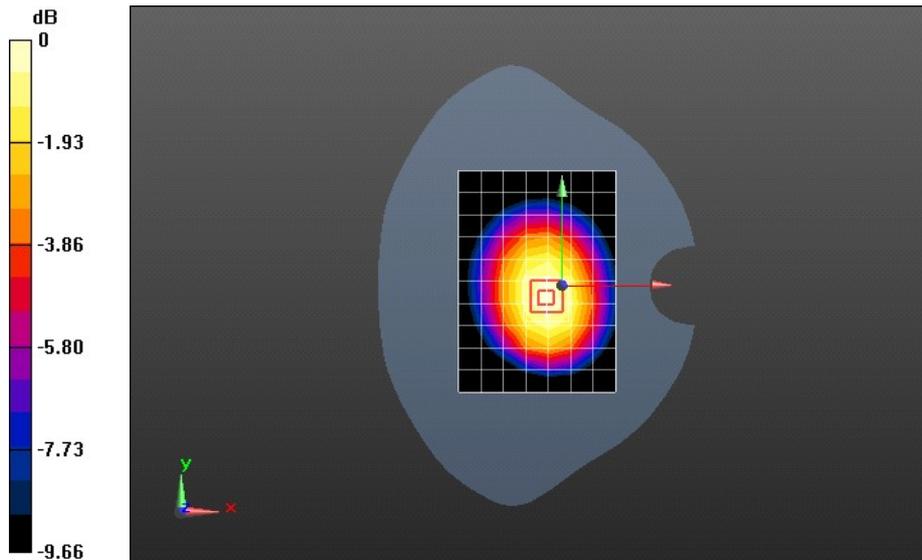**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.113 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.610 W/kg
Maximum value of SAR (measured) = 0.894 W/kg

0 dB = 0.894 W/kg = -0.49 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 128CH Towards Ground 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 824 MHz; σ = 0.929 S/m; ε_r = 52.872; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.770 W/kg

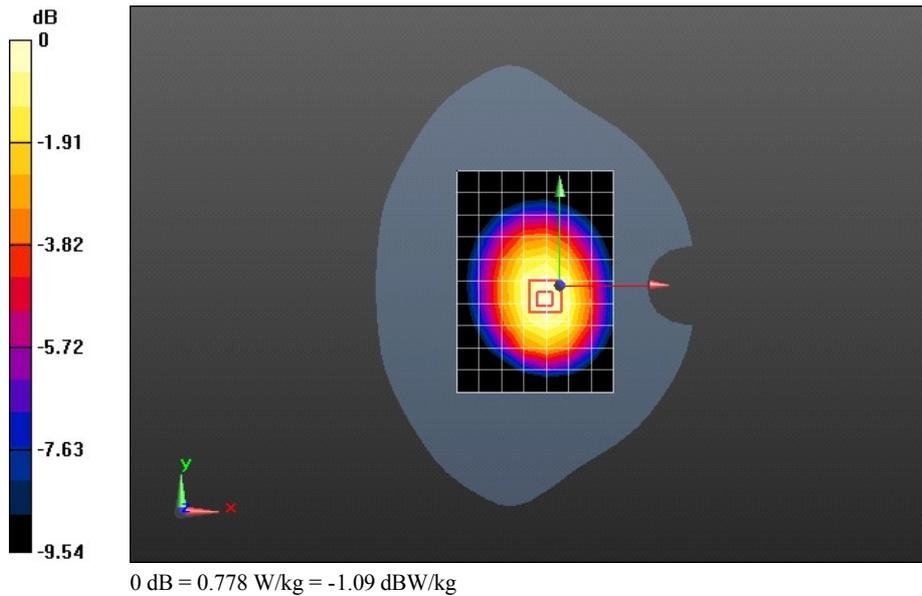**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.273 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.964 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.532 W/kg
Maximum value of SAR (measured) = 0.778 W/kg

0 dB = 0.778 W/kg = -1.09 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM850 251CH Towards Ground 15mm with battery-Repeated

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.949 S/m; ε_r = 52.693; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
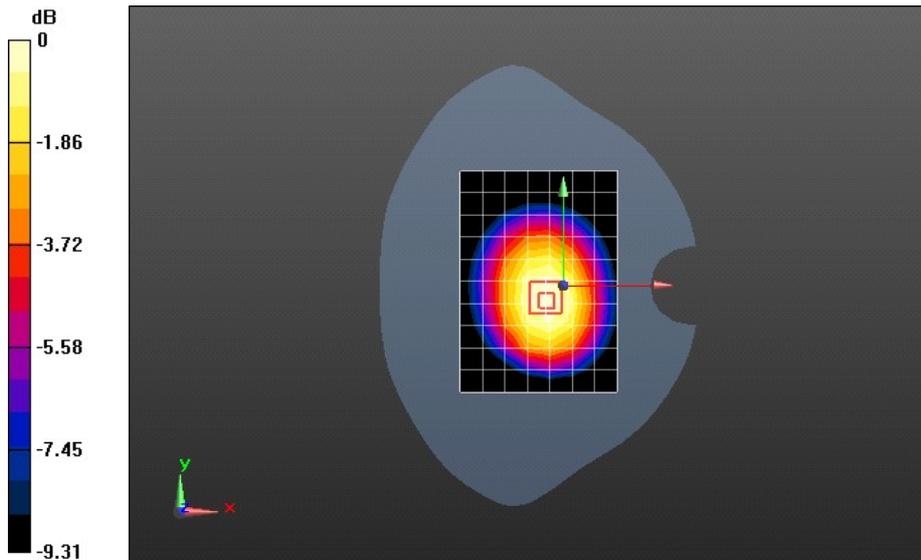Maximum value of SAR (measured) = 0.896 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.525 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.621 W/kg
Maximum value of SAR (measured) = 0.899 W/kg

0 dB = 0.899 W/kg = -0.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM1900 661CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; $ε_r$ = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
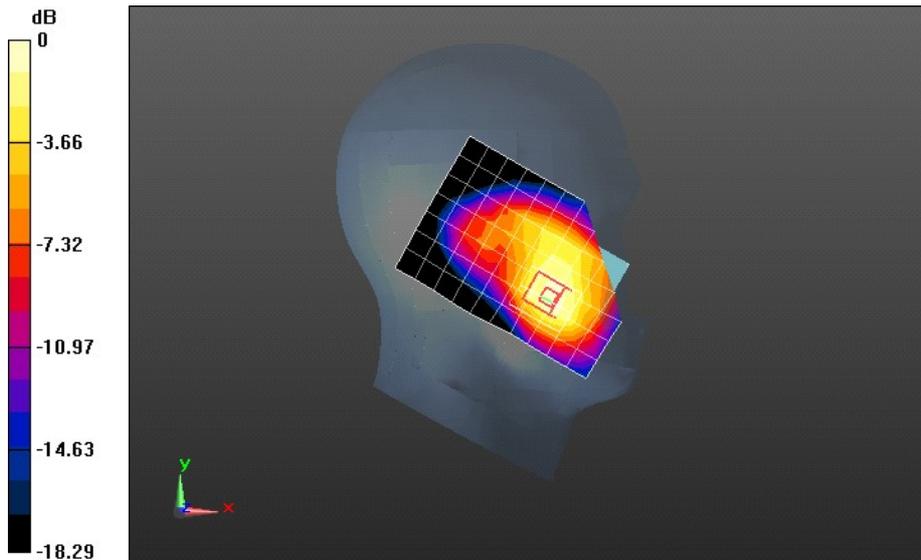Maximum value of SAR (measured) = 0.410 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
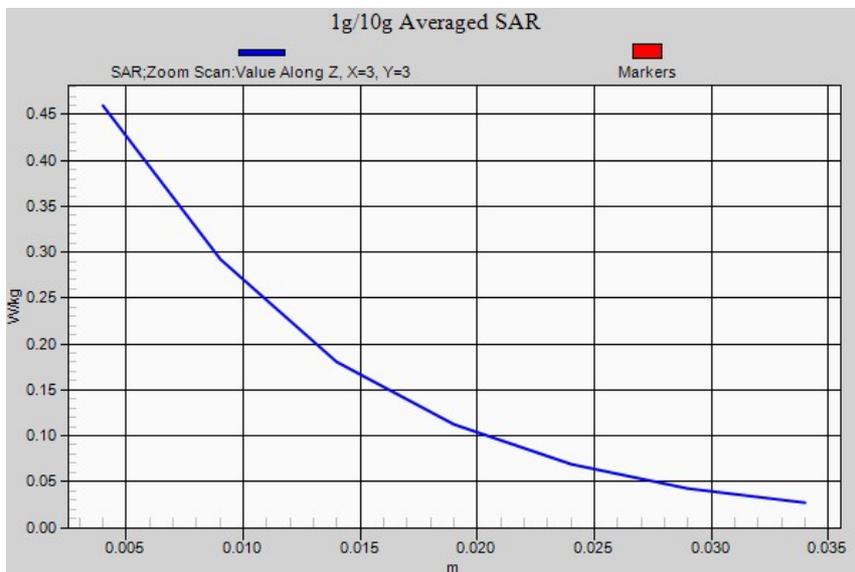Reference Value = 7.078 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.656 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 0.460 W/kg

0 dB = 0.460 W/kg = -3.37 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM1900 661CH Left hand tilt 15 degree

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; ε_r = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
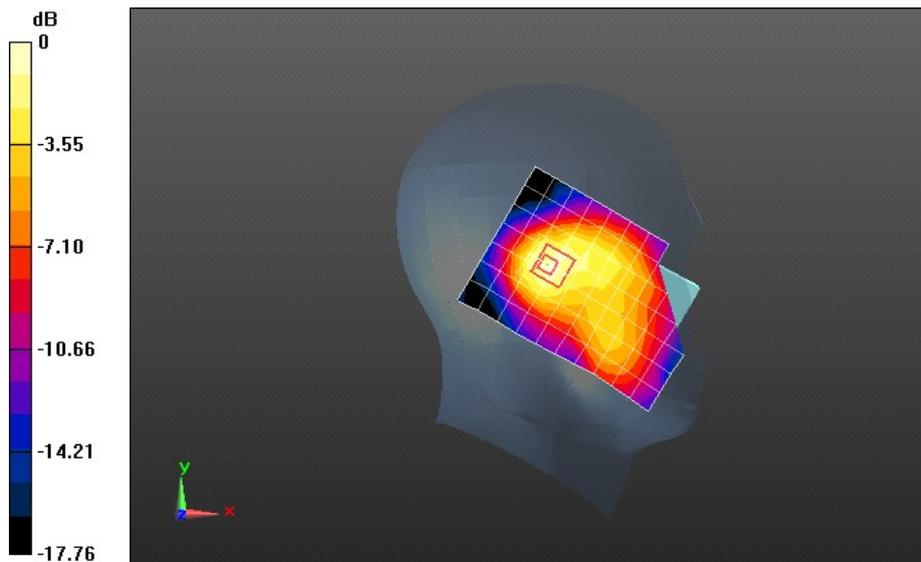Maximum value of SAR (measured) = 0.130 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.240 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.143 W/kg

0 dB = 0.143 W/kg = -8.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM1900 661CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; ε_r = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
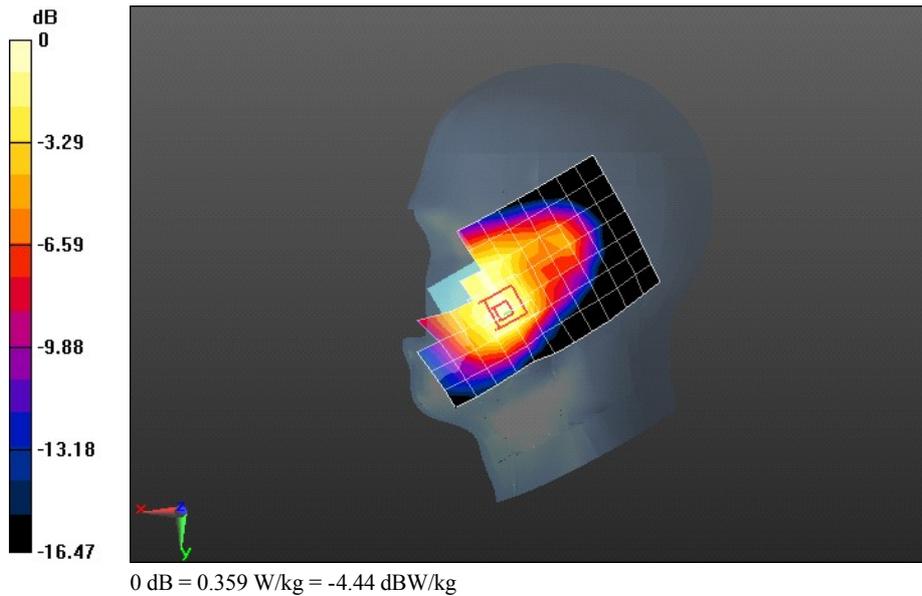Maximum value of SAR (measured) = 0.357 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.112 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.485 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 0.359 W/kg

0 dB = 0.359 W/kg = -4.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM1900 661CH Right hand tilt 15 degree

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; $ε_r$ = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
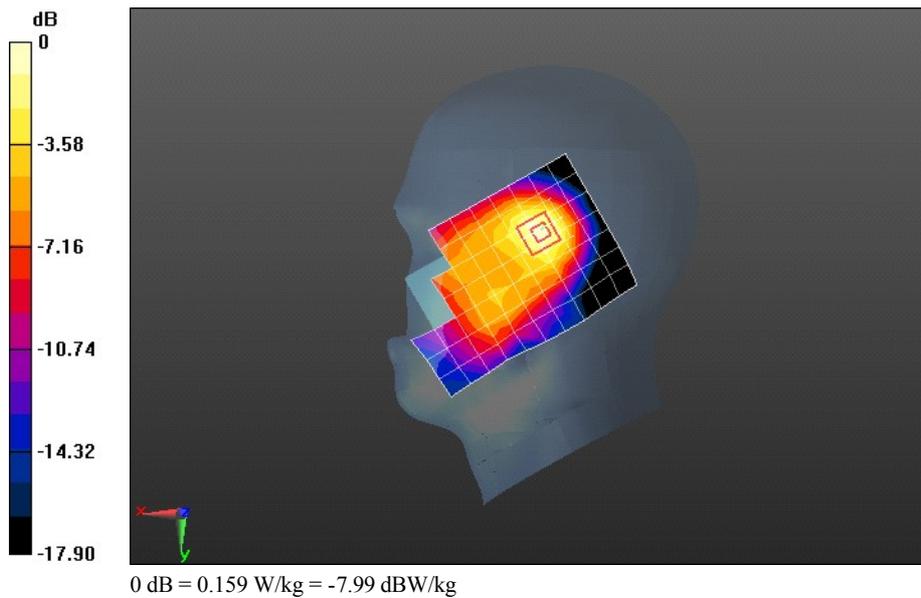Maximum value of SAR (measured) = 0.138 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.502 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.159 W/kg

0 dB = 0.159 W/kg = -7.99 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM1900 661CH Towards Phantom 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.52 S/m; $ε_r$ = 53.428; ρ = 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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
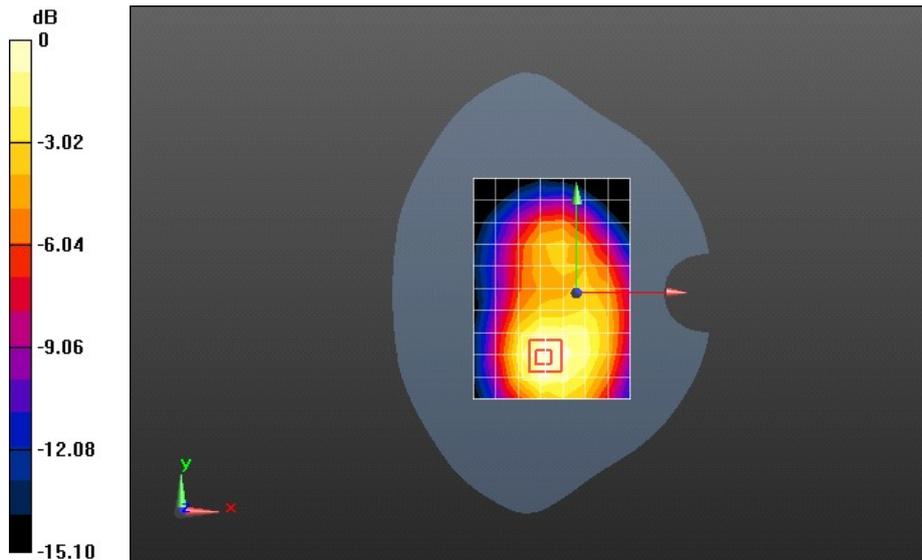Maximum value of SAR (measured) = 0.217 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.291 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.221 W/kg

0 dB = 0.221 W/kg = -6.56 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G GSM1900 661CH Towards Ground 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.52 S/m; ε_r = 53.428; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
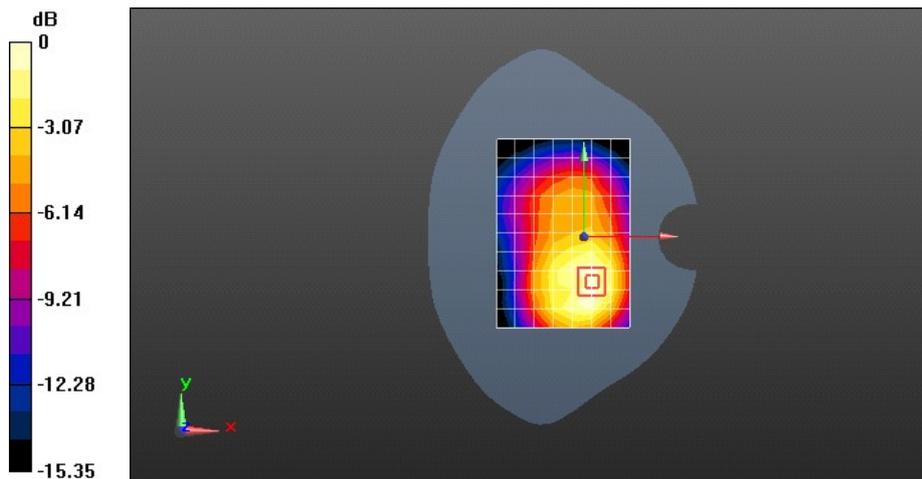Maximum value of SAR (measured) = 0.240 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
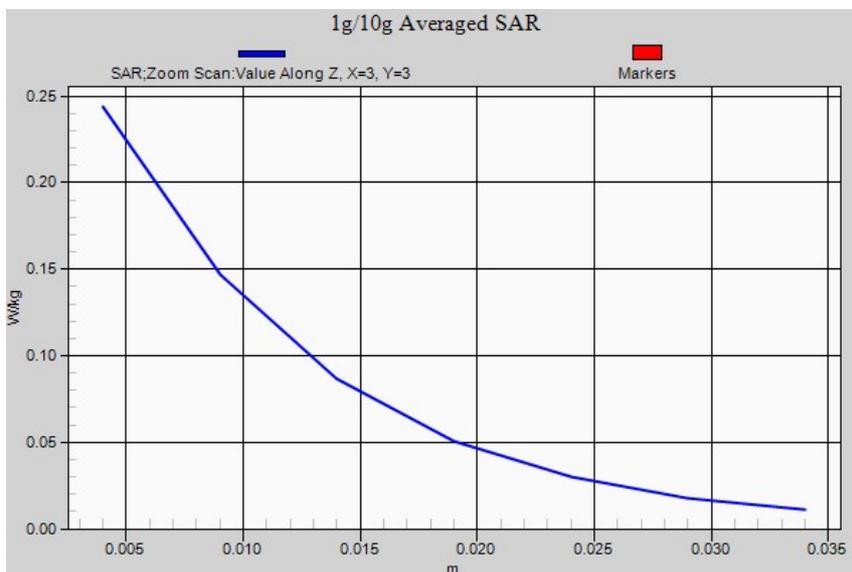Reference Value = 8.076 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.135 W/kg
Maximum value of SAR (measured) = 0.244 W/kg

0 dB = 0.244 W/kg = -6.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4233CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1
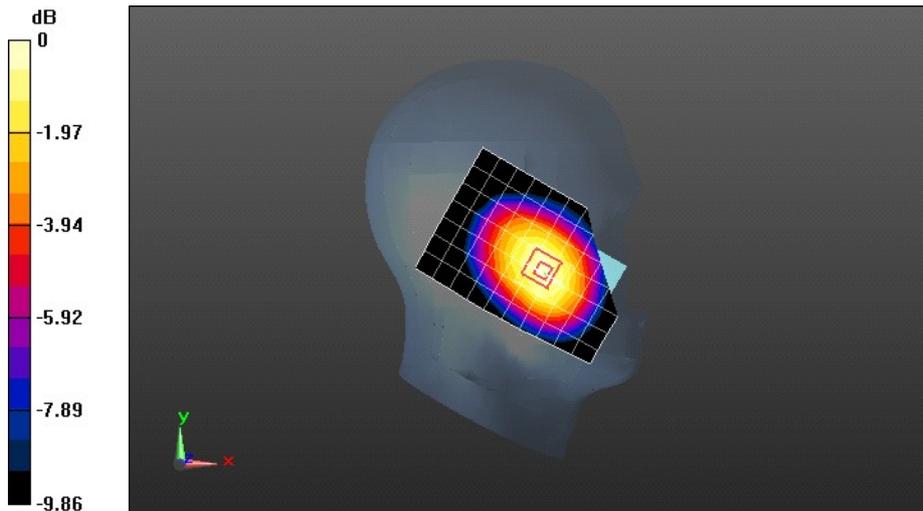
Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.913 S/m; ε_r = 41.768; ρ = 1000 kg/m^3
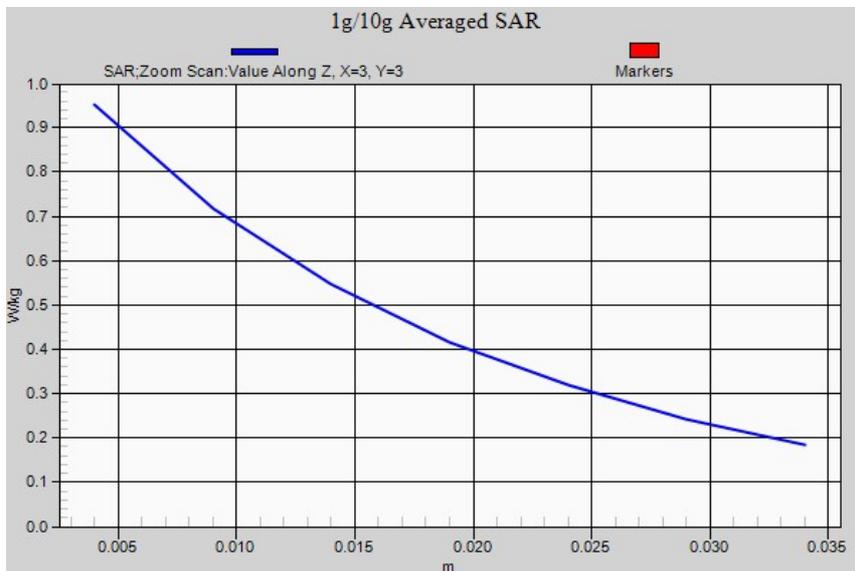Phantom section: Left Section

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.936 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.302 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.654 W/kg
Maximum value of SAR (measured) = 0.951 W/kg

0 dB = 0.951 W/kg = -0.22 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4182CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836 MHz; σ = 0.917 S/m; $ε_r$ = 42.106; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
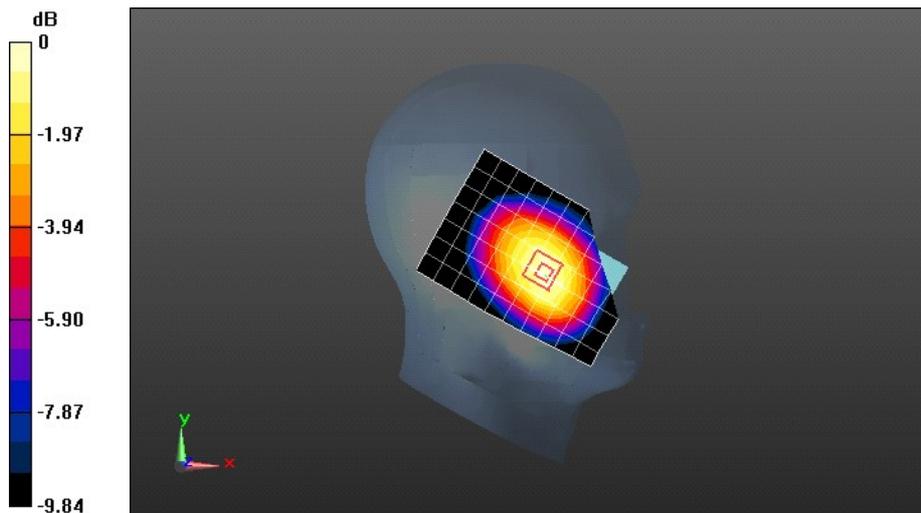Maximum value of SAR (measured) = 0.882 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.959 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.611 W/kg
Maximum value of SAR (measured) = 0.895 W/kg

0 dB = 0.895 W/kg = -0.48 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4132CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium parameters used: f = 826 MHz; σ = 0.891 S/m; ε_r = 42.328; ρ = 1000 kg/m^3

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.769 W/kg

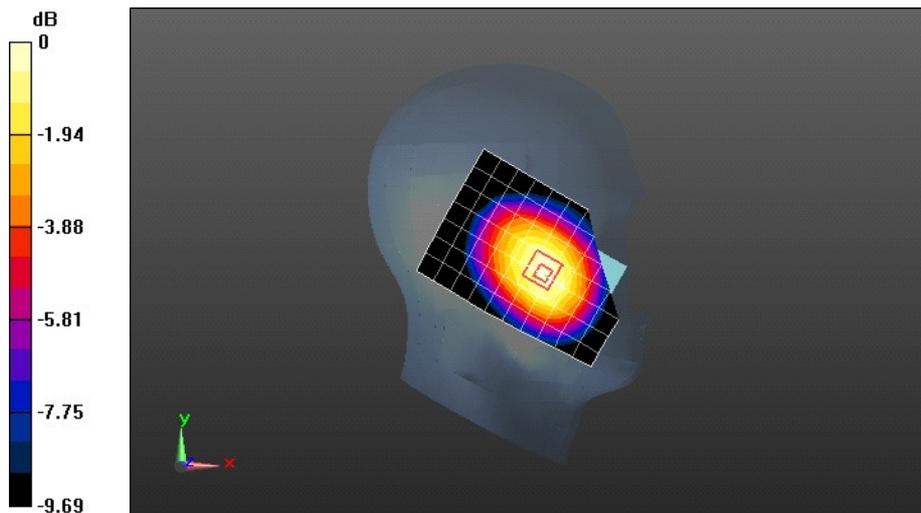**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.251 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 0.771 W/kg

0 dB = 0.771 W/kg = -1.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4182CH Left hand Tilted 15 degree cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836 MHz; σ = 0.917 S/m; ε_r = 42.106; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
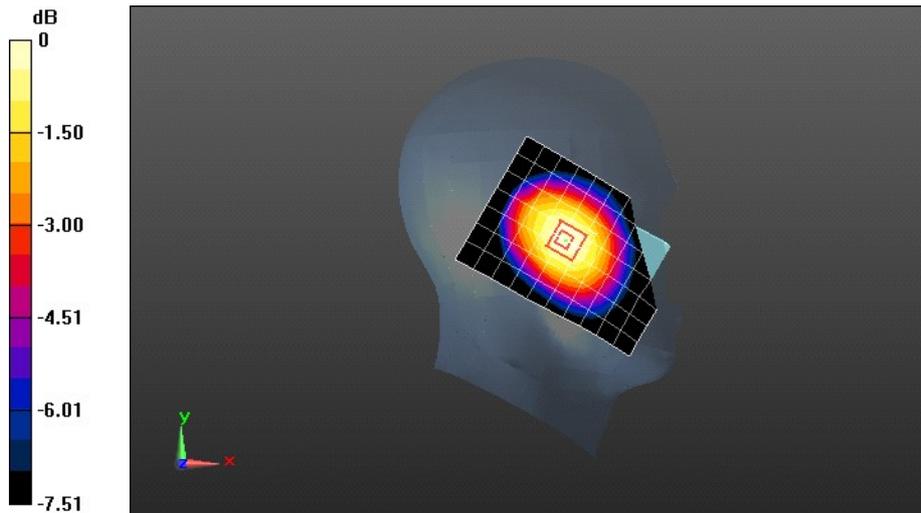Maximum value of SAR (measured) = 0.481 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.989 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.362 W/kg
Maximum value of SAR (measured) = 0.494 W/kg

0 dB = 0.494 W/kg = -3.06 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4233CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 847 MHz; σ = 0.913 S/m; $ε_r$ = 41.768; ρ = 1000 kg/m^3

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
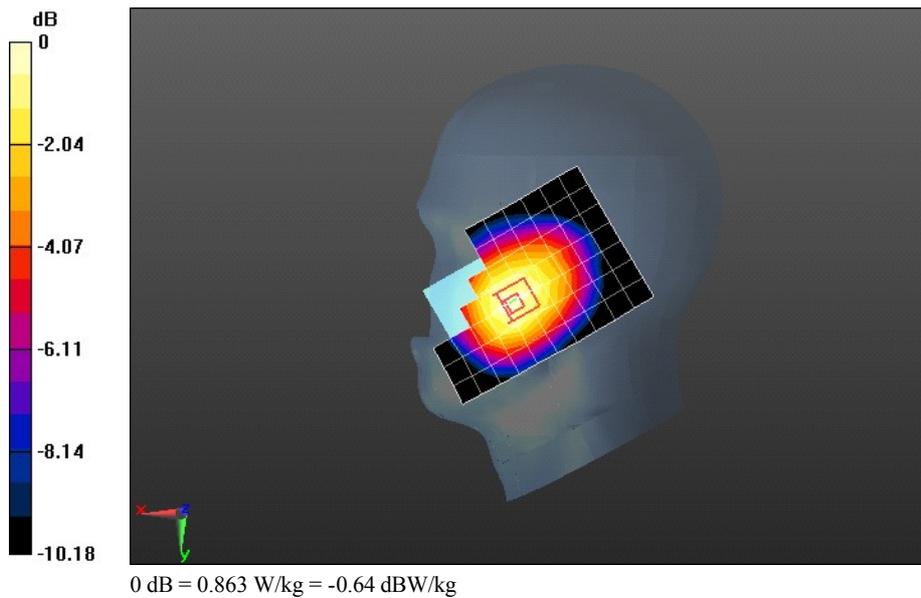
Maximum value of SAR (measured) = 0.837 W/kg

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

Reference Value = 14.875 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.601 W/kg

Maximum value of SAR (measured) = 0.863 W/kg

0 dB = 0.863 W/kg = -0.64 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4182CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836 MHz; σ = 0.917 S/m; $ε_r$ = 42.106; ρ = 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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
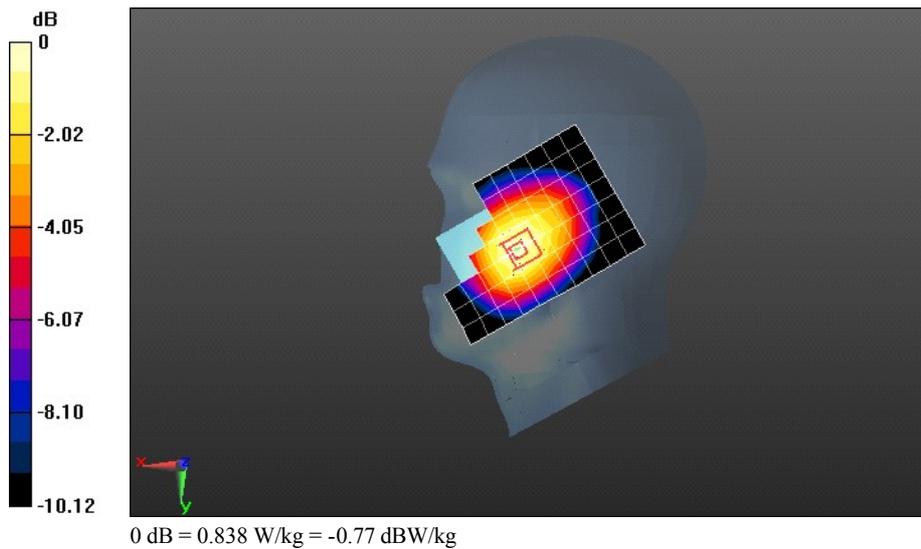Maximum value of SAR (measured) = 0.811 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.095 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.581 W/kg
Maximum value of SAR (measured) = 0.838 W/kg

0 dB = 0.838 W/kg = -0.77 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4132CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826 MHz; σ = 0.891 S/m; ε_r = 42.328; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
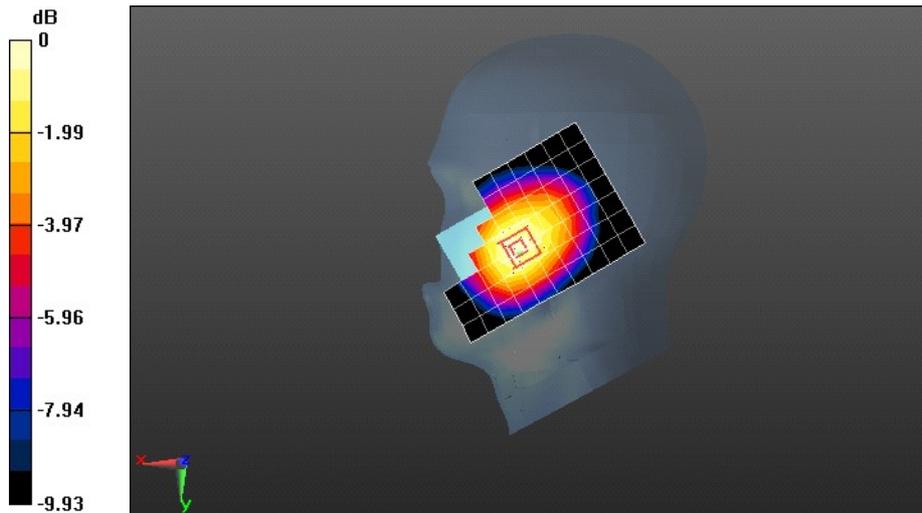Maximum value of SAR (measured) = 0.730 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.341 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.904 W/kg
SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.522 W/kg
Maximum value of SAR (measured) = 0.743 W/kg

0 dB = 0.743 W/kg = -1.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4182CH Right hand Tilted 15 degree cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836 MHz; σ = 0.917 S/m; ε_r = 42.106; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.534 W/kg

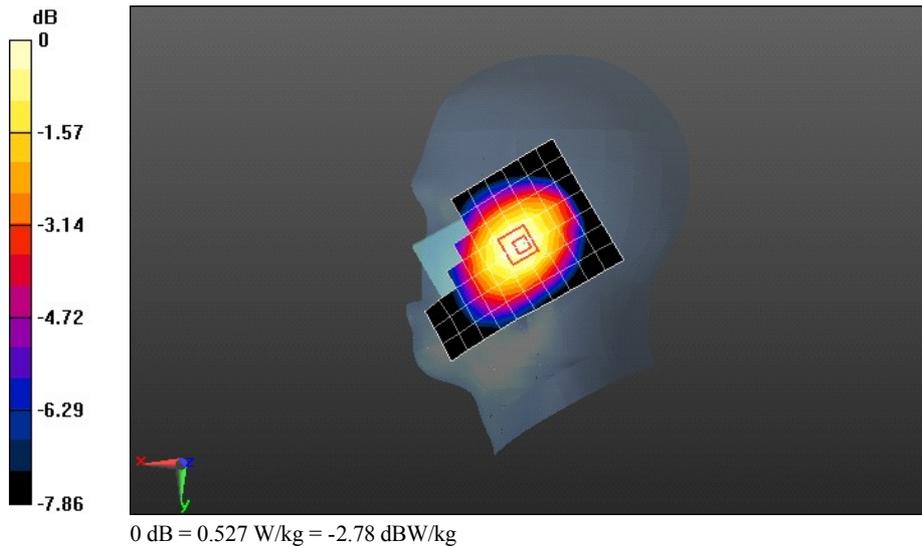**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.105 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (measured) = 0.527 W/kg

0 dB = 0.527 W/kg = -2.78 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4233CH Left hand touch cheeck-Repeated

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 847 MHz; σ = 0.913 S/m; $ε_r$ = 41.768; ρ = 1000 kg/m^3

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
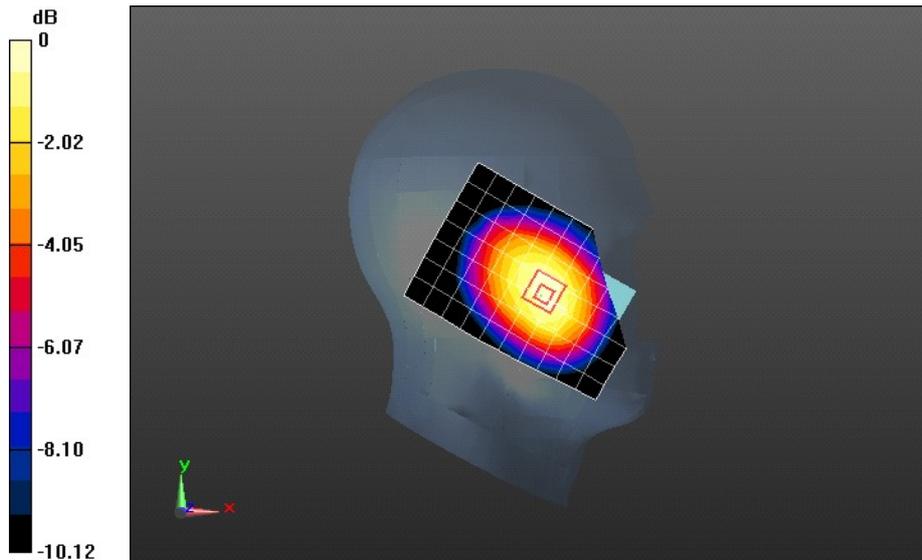Maximum value of SAR (measured) = 0.880 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.476 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.623 W/kg
Maximum value of SAR (measured) = 0.904 W/kg

0 dB = 0.904 W/kg = -0.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4182CH Towards Phantom 15mm

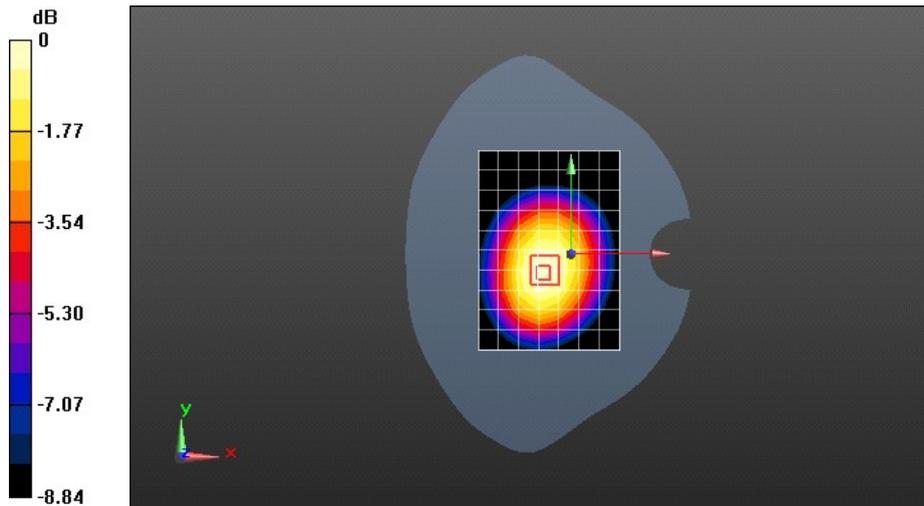**DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836 MHz; σ = 0.934 S/m; ε_r = 52.766; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.611 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.450 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.749 W/kg
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.433 W/kg
Maximum value of SAR (measured) = 0.614 W/kg

0 dB = 0.614 W/kg = -2.12 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4233CH Towards Ground 15mm

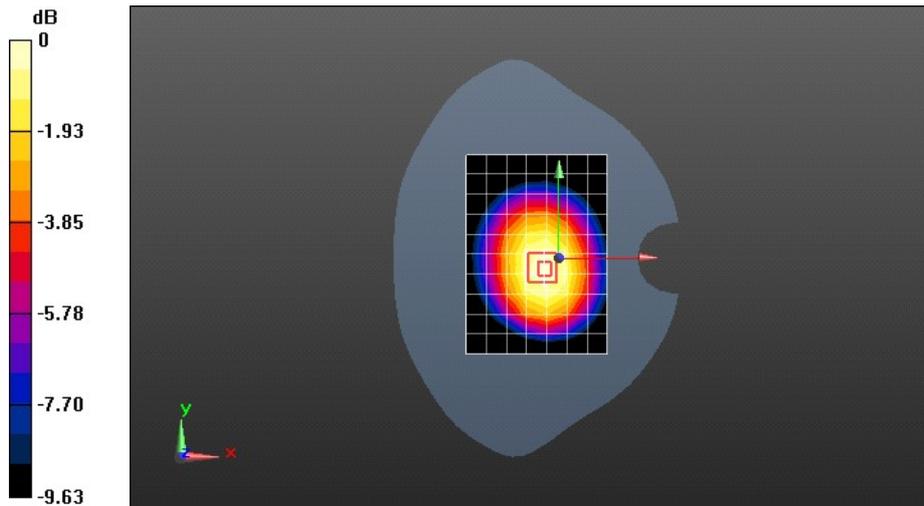**DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.96 S/m; ε_r = 52.48; ρ = 1000 kg/m^3
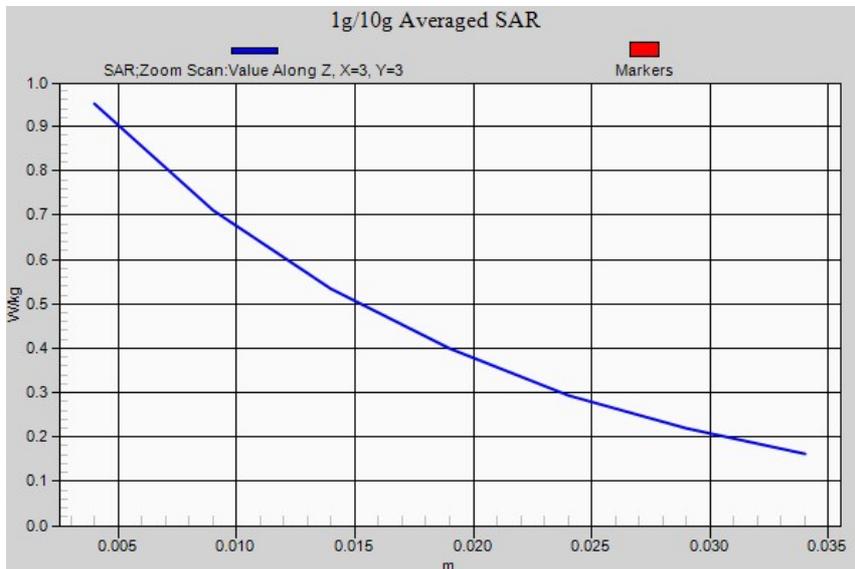Phantom section: Flat Section

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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.940 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.862 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.651 W/kg
Maximum value of SAR (measured) = 0.951 W/kg

0 dB = 0.951 W/kg = -0.22 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4182CH Towards Ground 15mm

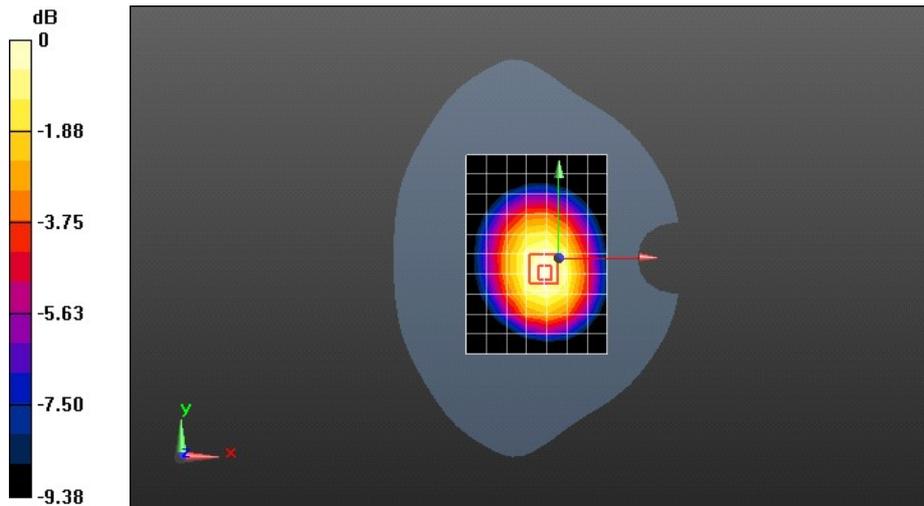**DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836 MHz; σ = 0.934 S/m; ε_r = 52.766; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.812 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.924 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.999 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.557 W/kg
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

H215G UMTS Band V 4132CH Towards Ground 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826 MHz; σ = 0.936 S/m; ε_r = 52.737; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
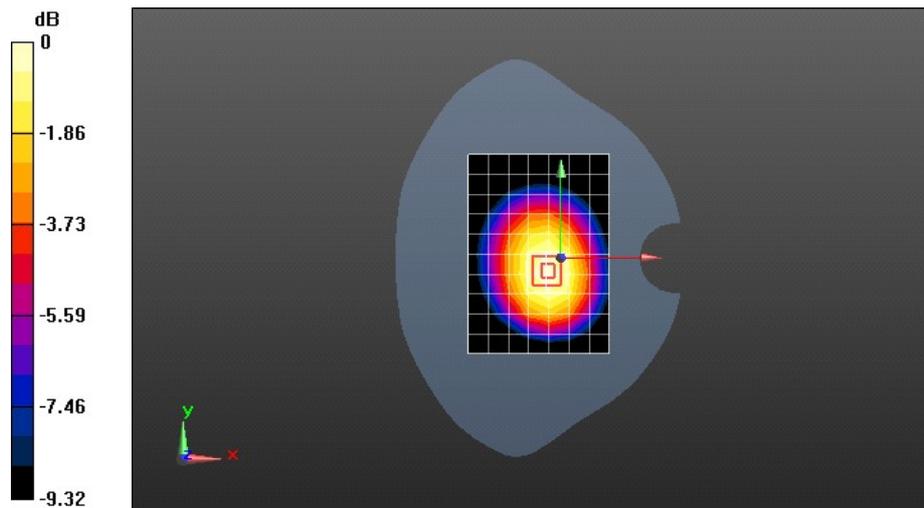Maximum value of SAR (measured) = 0.928 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.872 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.646 W/kg
Maximum value of SAR (measured) = 0.934 W/kg

0 dB = 0.934 W/kg = -0.30 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band V 4233CH Towards Ground 15mm-Repeated

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.96 S/m; $ε_r$ = 52.48; ρ = 1000 kg/m^3
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: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
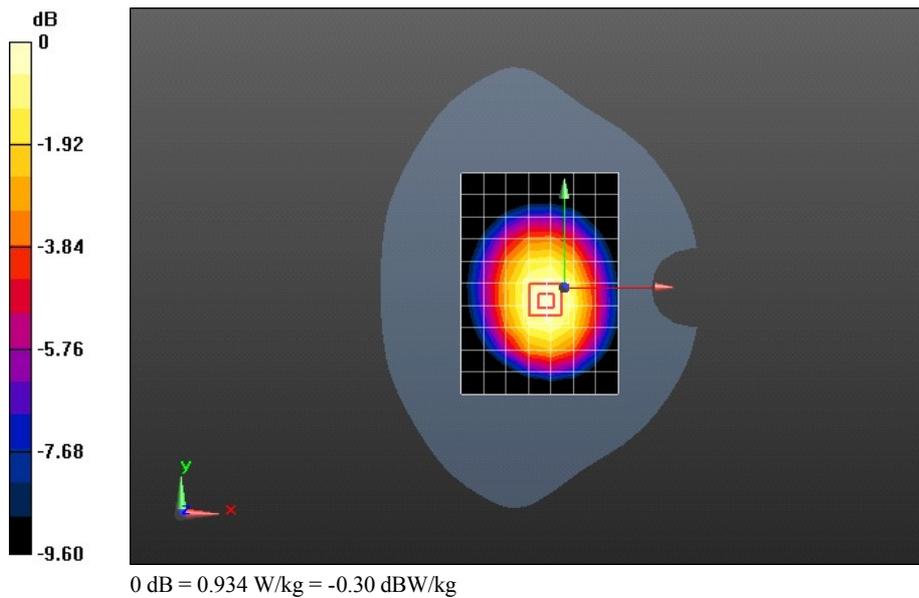Maximum value of SAR (measured) = 0.923 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.099 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.637 W/kg
Maximum value of SAR (measured) = 0.934 W/kg

0 dB = 0.934 W/kg = -0.30 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9538CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.44 S/m; $ε_r$ = 40.887; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
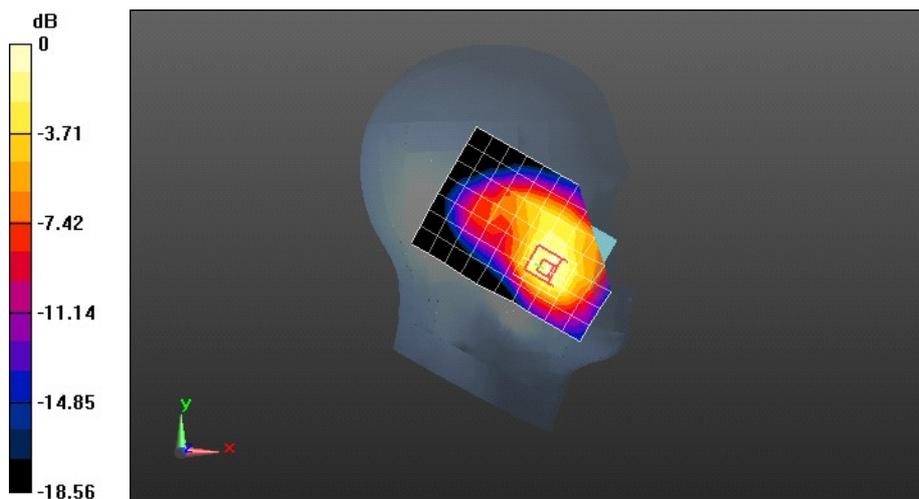Maximum value of SAR (measured) = 0.975 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.598 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.621 W/kg
Maximum value of SAR (measured) = 1.19 W/kg

0 dB = 1.19 W/kg = 0.74 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9400CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; $ε_r$ = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
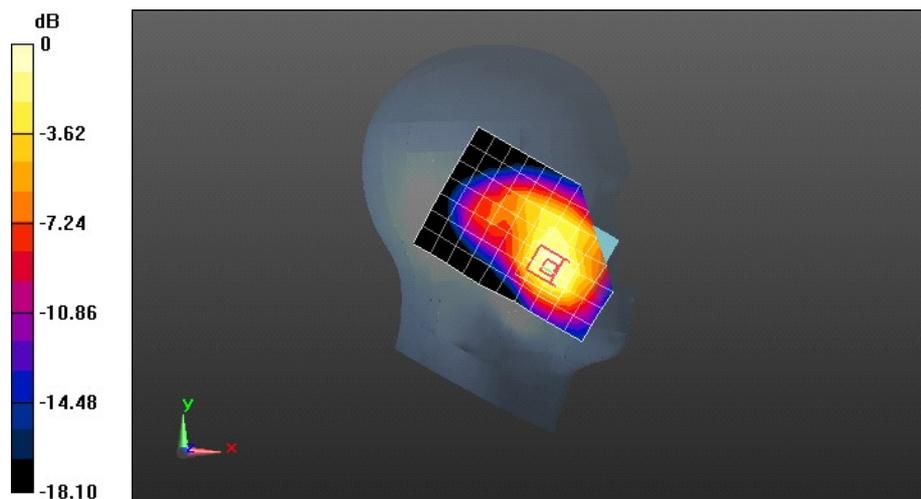Maximum value of SAR (measured) = 0.863 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.556 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.521 W/kg
Maximum value of SAR (measured) = 0.962 W/kg

0 dB = 0.962 W/kg = -0.17 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9262CH Left hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852 MHz; σ = 1.371 S/m; $ε_r$ = 41.057; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
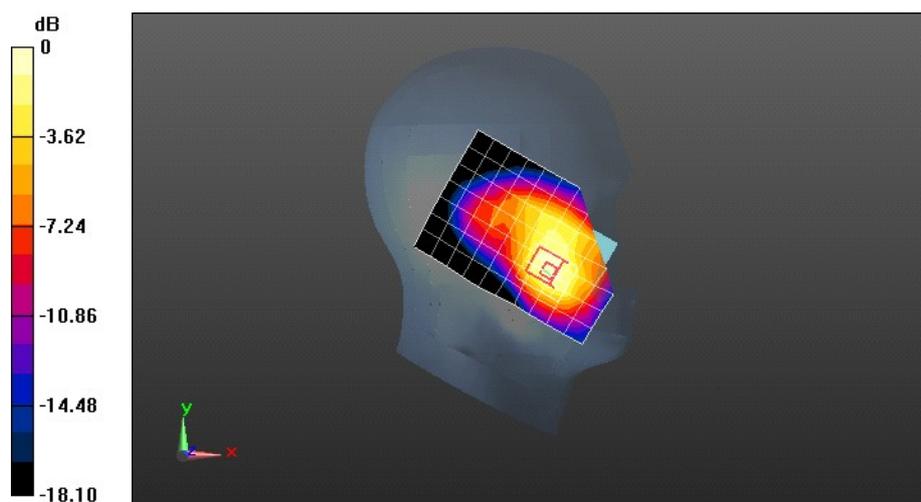Maximum value of SAR (measured) = 0.931 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.776 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.567 W/kg
Maximum value of SAR (measured) = 1.03 W/kg

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

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9400CH Left hand tilt 15 degree

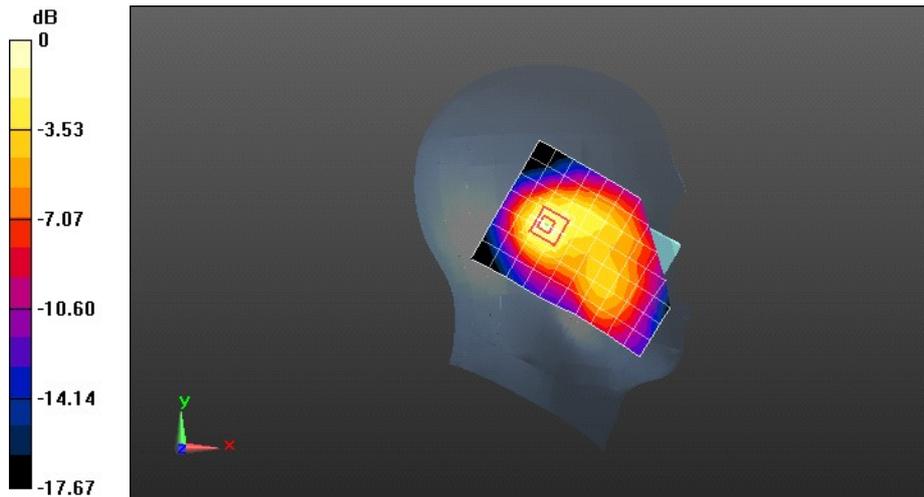**DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; ε_r = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.270 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.052 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.315 W/kg

0 dB = 0.315 W/kg = -5.01 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9538CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: f = 1908 MHz; σ = 1.44 S/m; ε$_r$ = 40.887; ρ = 1000 kg/m^3

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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
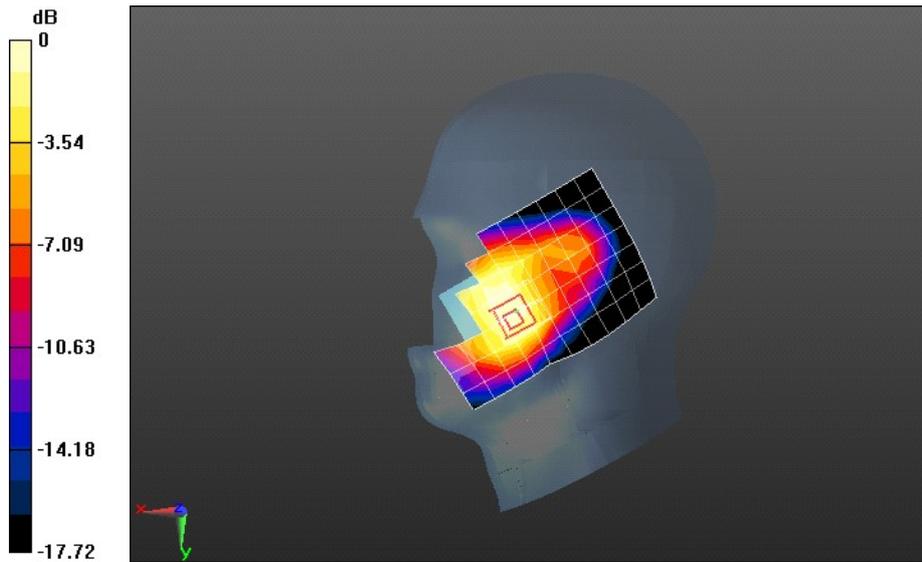Maximum value of SAR (measured) = 0.863 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.571 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.555 W/kg
Maximum value of SAR (measured) = 0.977 W/kg

0 dB = 0.977 W/kg = -0.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9400CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; $ε_r$ = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
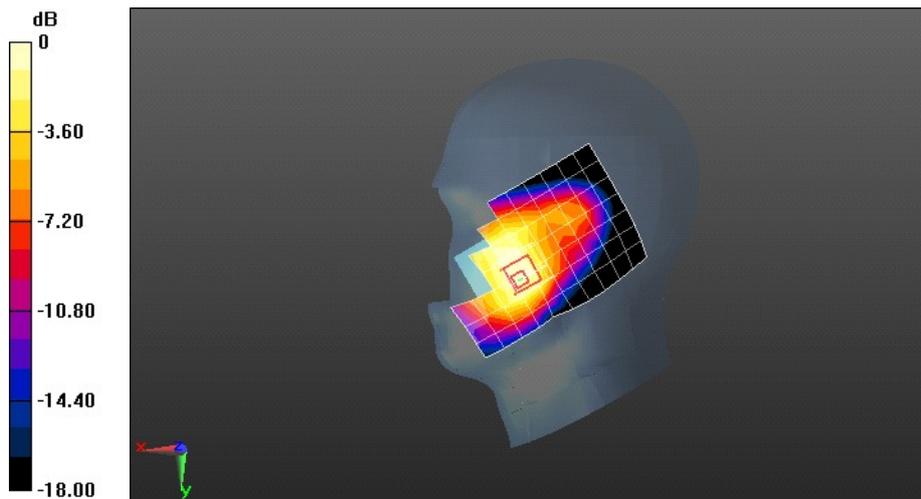Maximum value of SAR (measured) = 0.779 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.652 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.483 W/kg
Maximum value of SAR (measured) = 0.836 W/kg

0 dB = 0.836 W/kg = -0.78 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9262CH Right hand touch cheeck

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852 MHz; σ = 1.371 S/m; ε_r = 41.057; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.845 W/kg

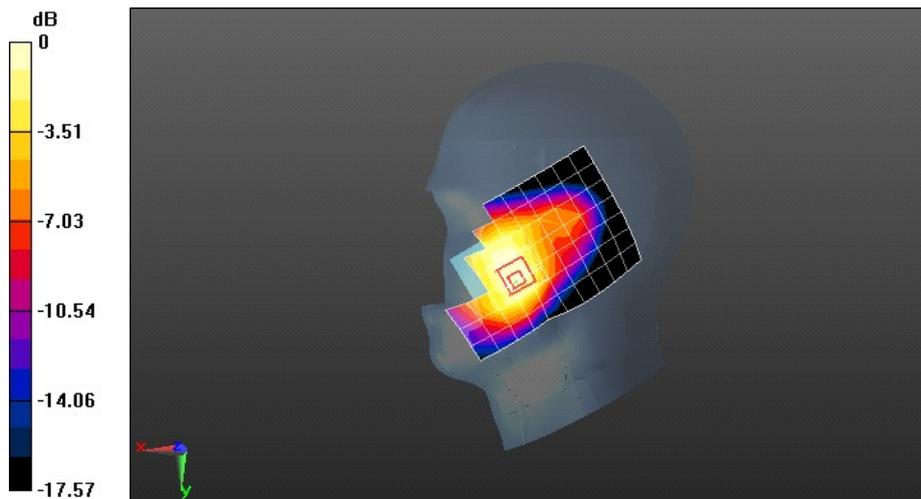**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.557 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.533 W/kg
Maximum value of SAR (measured) = 0.905 W/kg

0 dB = 0.905 W/kg = -0.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9400CH Right hand tilt 15 degree

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; $ε_r$ = 40.958; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
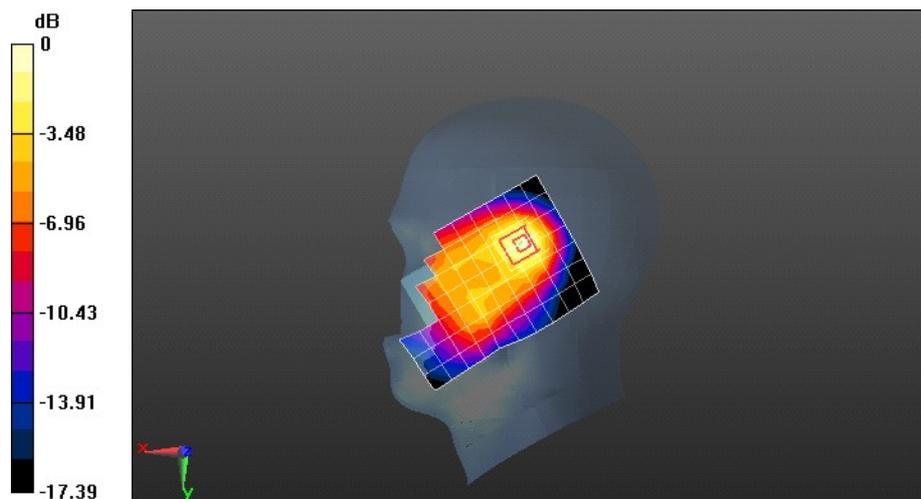Maximum value of SAR (measured) = 0.335 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.688 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.365 W/kg

0 dB = 0.365 W/kg = -4.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9538CH Left hand touch-Repeated

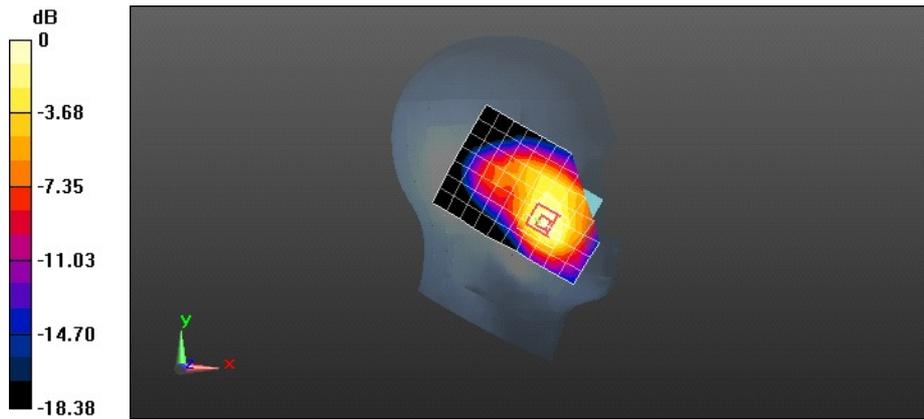**DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.44 S/m; ε_r = 40.887; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.057 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.650 W/kg
Maximum value of SAR (measured) = 1.19 W/kg

0 dB = 1.19 W/kg = 0.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9400CH Towards Phantom 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.52 S/m; ε_r = 53.428; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
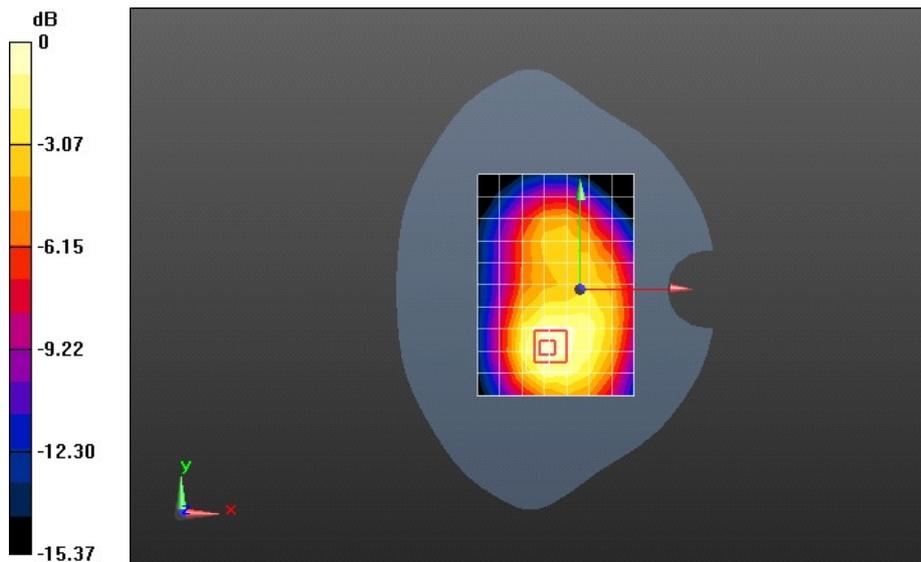Maximum value of SAR (measured) = 0.405 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.458 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.404 W/kg

0 dB = 0.404 W/kg = -3.93 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H215G UMTS Band II 9400CH Towards Ground 15mm

DUT: H215G; Type: GSM/GPRS/UMTS/EDGE/HSDPA Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.52 S/m; ε_r = 53.428; ρ = 1000 kg/m^3
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: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
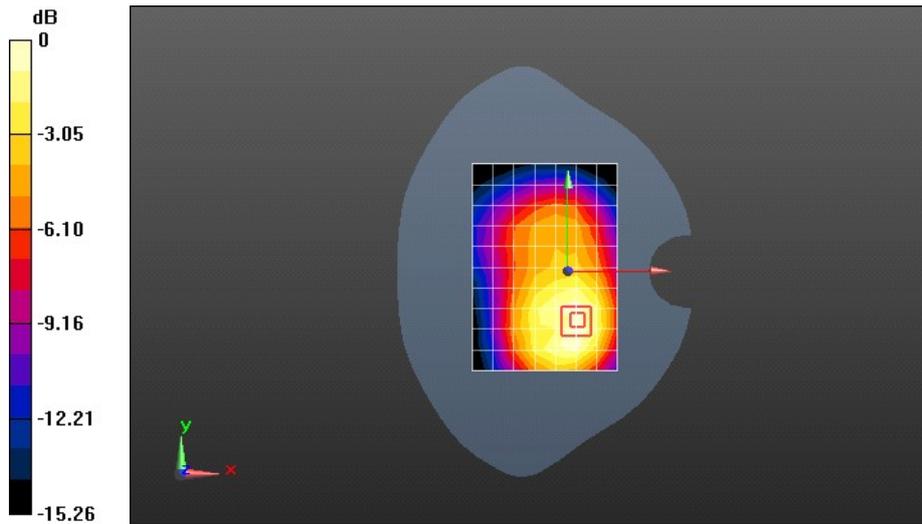Maximum value of SAR (measured) = 0.428 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.930 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.432 W/kg

0 dB = 0.432 W/kg = -3.65 dBW/kg