

Place of testing: HUAWEI SAR/HAC Lab

### NEN-LX3 2.4G Wi-Fi 802.11b 6CH Back Side 15mm

**DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.00972

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 37.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(7.42, 7.42, 7.42) @ 2437 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (10x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

Maximum value of SAR (measured) = 0.183 W/kg

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

Reference Value = 10.30 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.232 W/kg

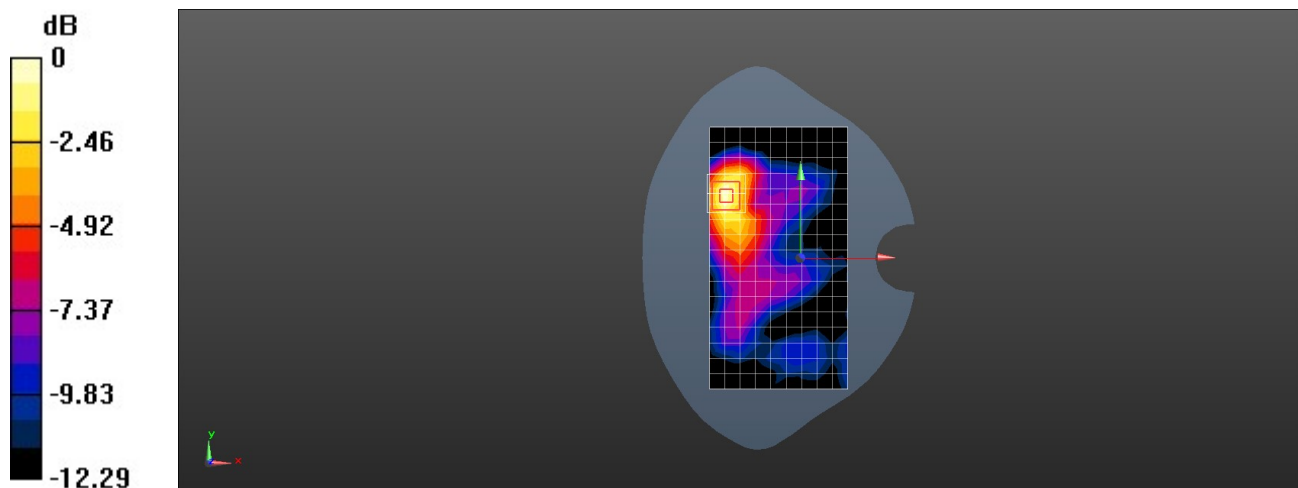
**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.064 W/kg**

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 55.2%

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

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg = -7.17 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

## NEN-LX3 2.4G Wi-Fi 802.11b 6CH Right Side 10mm

**DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.00972

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 37.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(7.42, 7.42, 7.42) @ 2437 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (6x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

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

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

Reference Value = 11.10 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.859 W/kg

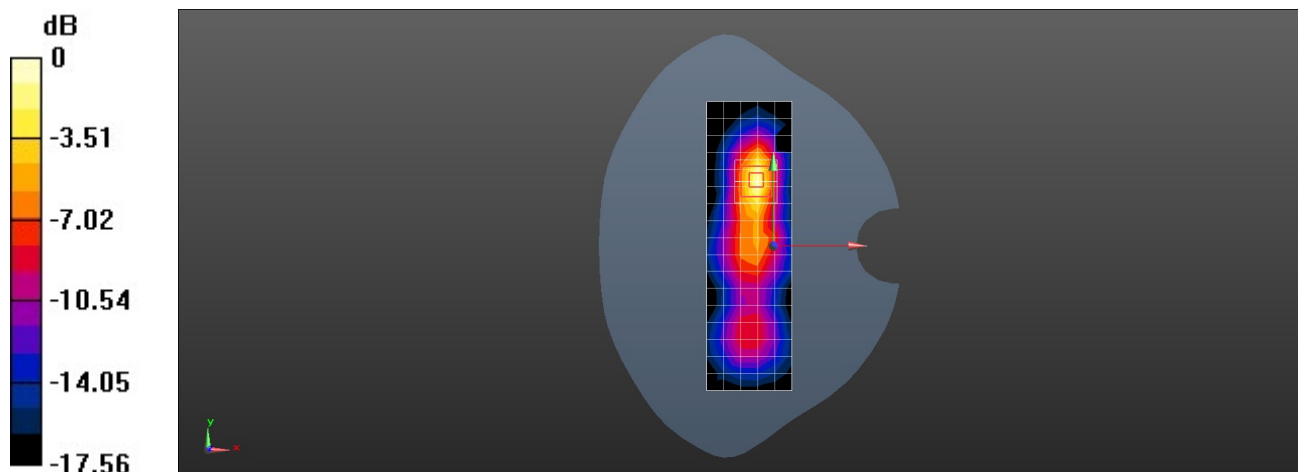
**SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.177 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

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

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

## NEN-LX3 5G Wi-Fi 802.11ac 80M 155CH Left Cheek

**DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5775 MHz; Duty Cycle: 1:1.0

Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.46$  S/m;  $\epsilon_r = 33.642$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (13x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.216 W/kg

**Configuration/Head/Zoom Scan (10x10x8)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 1.401 V/m; Power Drift = 0.13 dB

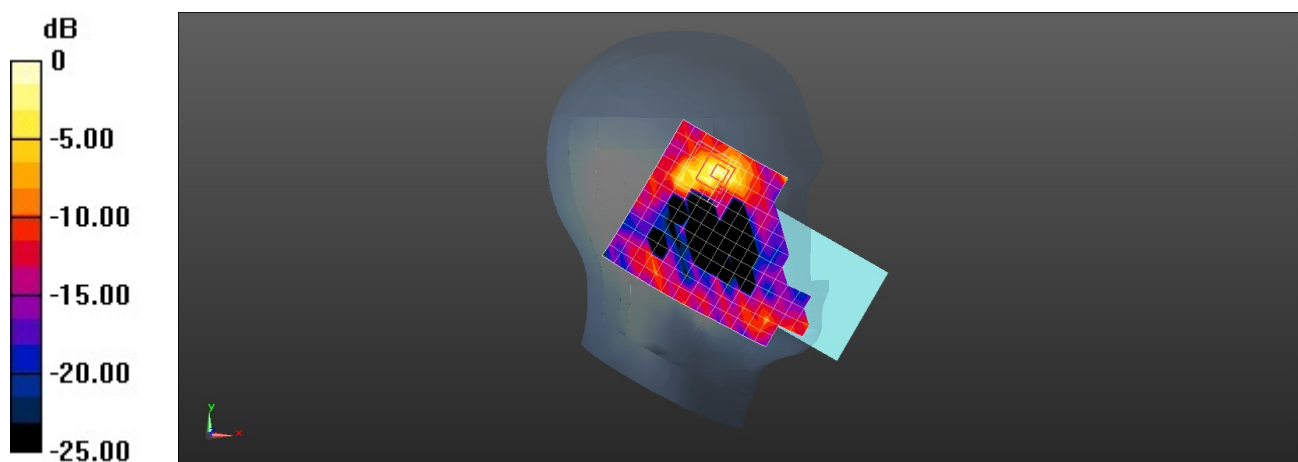
Peak SAR (extrapolated) = 0.426 W/kg

**SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.023 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

## NEN-LX3 5G Wi-Fi 802.11a 153CH Back Side 15mm

**DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5765 MHz; Duty Cycle: 1:1.0

Medium parameters used:  $f = 5765$  MHz;  $\sigma = 5.447$  S/m;  $\epsilon_r = 33.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(4.85, 4.85, 4.85) @ 5765 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (13x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

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

**Configuration/Body/Zoom Scan (9x9x8)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 8.013 V/m; Power Drift = -0.18 dB

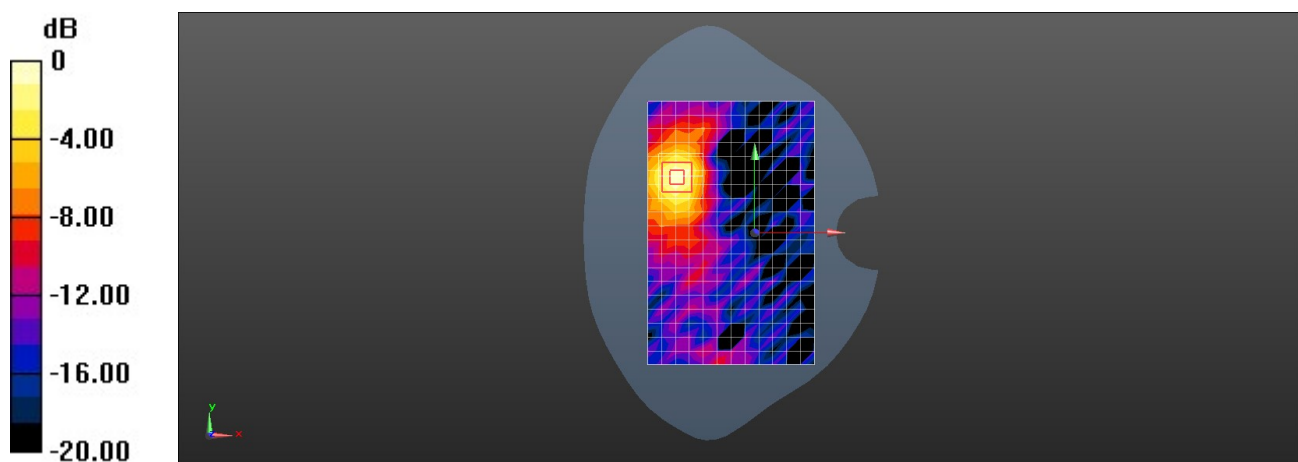
Peak SAR (extrapolated) = 0.504 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.049 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 61.8%

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

### NEN-LX3 5G Wi-Fi 802.11a 153CH Right Side 10mm

**DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5765 MHz; Duty Cycle: 1:1.0

Medium parameters used:  $f = 5765$  MHz;  $\sigma = 5.447$  S/m;  $\epsilon_r = 33.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(4.85, 4.85, 4.85) @ 5765 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (6x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.817 W/kg

**Configuration/Body/Zoom Scan (8x8x8)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 6.345 V/m; Power Drift = -0.00 dB

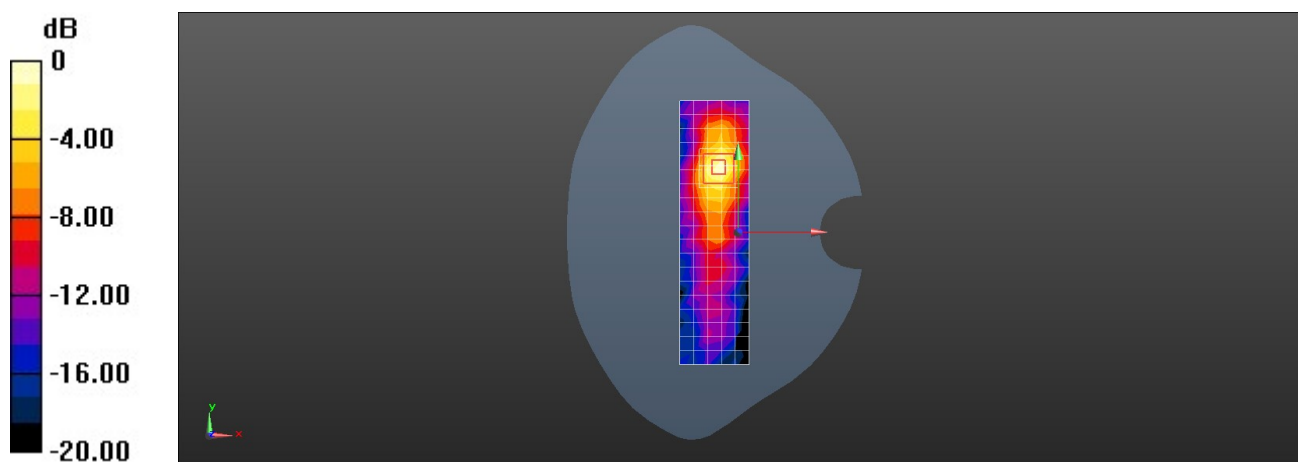
Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.120 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 0.844 W/kg



0 dB = 0.844 W/kg = -0.74 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

### NEN-LX3 5G Wi-Fi 802.11a 132CH Right Side 0mm

**DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5660 MHz; Duty Cycle: 1:1.0

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.039$  S/m;  $\epsilon_r = 34.114$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(4.64, 4.64, 4.64) @ 5660 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (6x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 5.93 W/kg

**Configuration/Body/Zoom Scan (8x8x8)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 42.42 V/m; Power Drift = -0.18 dB

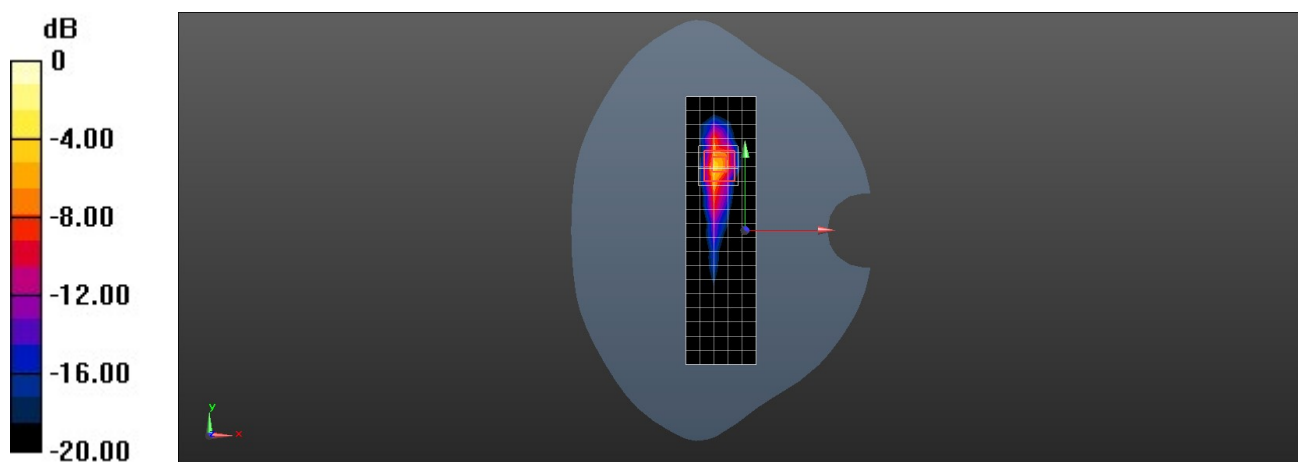
Peak SAR (extrapolated) = 33.8 W/kg

**SAR(1 g) = 4.5 W/kg; SAR(10 g) = 0.958 W/kg**

Smallest distance from peaks to all points 3 dB below = 3.2 mm

Ratio of SAR at M2 to SAR at M1 = 55.9%

Maximum value of SAR (measured) = 14.9 W/kg



0 dB = 14.9 W/kg = 11.73 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

## NEN-LX3 BT DH5 39CH Left Cheek

**DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29957

Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 37.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(7.42, 7.42, 7.42) @ 2441 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (11x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

Maximum value of SAR (measured) = 0.149 W/kg

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

Reference Value = 11.69 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.296 W/kg

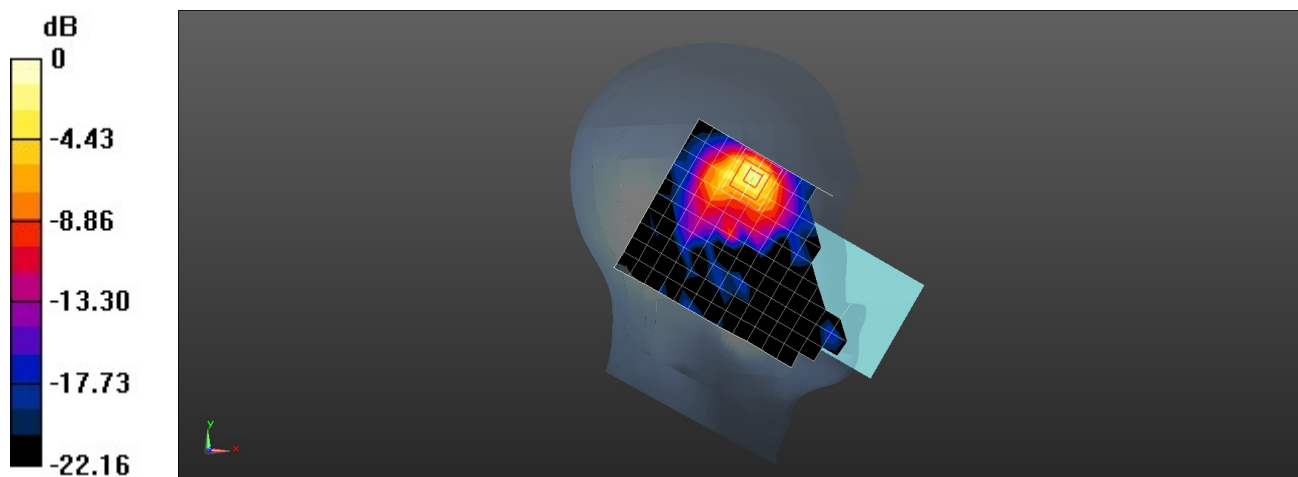
**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.052 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 46%

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

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg