

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.43, 10.43, 10.43); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**LHS/Touch\_GPRS 3 slots\_ch 190/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.418 W/kg

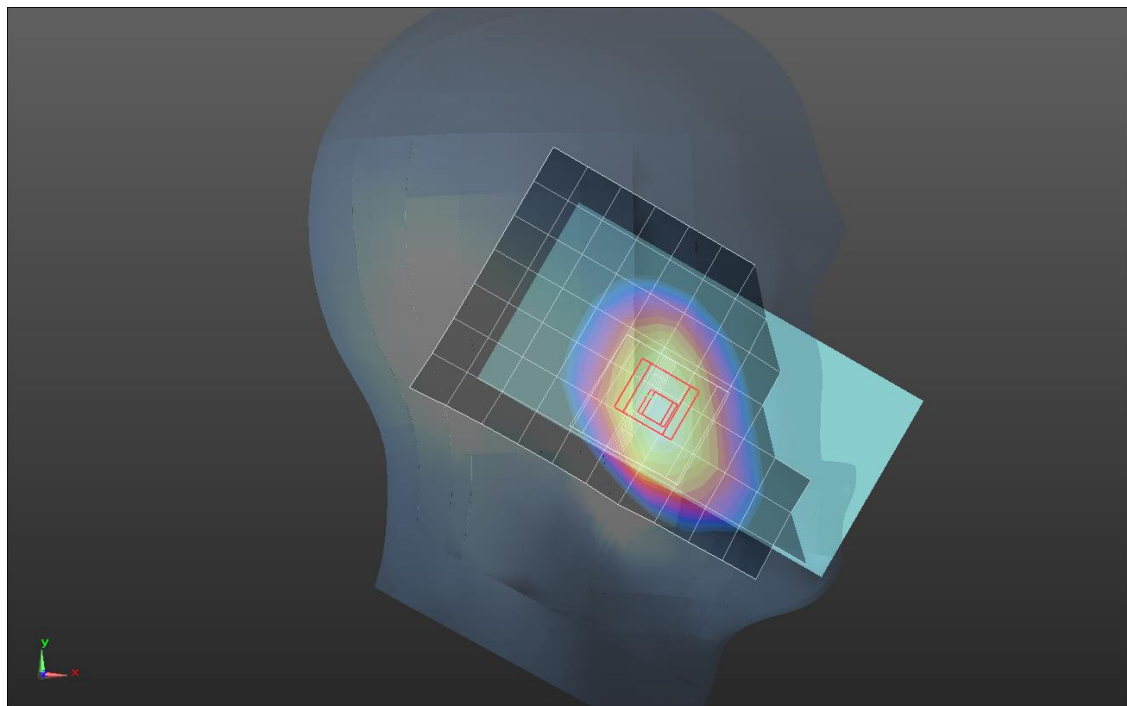
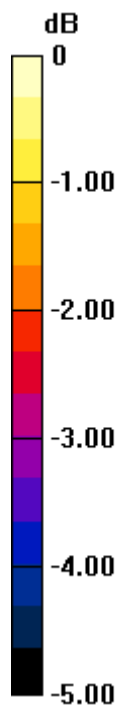
**LHS/Touch\_GPRS 3 slots\_ch 190/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.07 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.490 W/kg

**SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.424 W/kg = -3.73 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 53.173$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.09, 10.09, 10.09); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/GPRS\_3 slots\_ch 190 15mm/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.533 W/kg

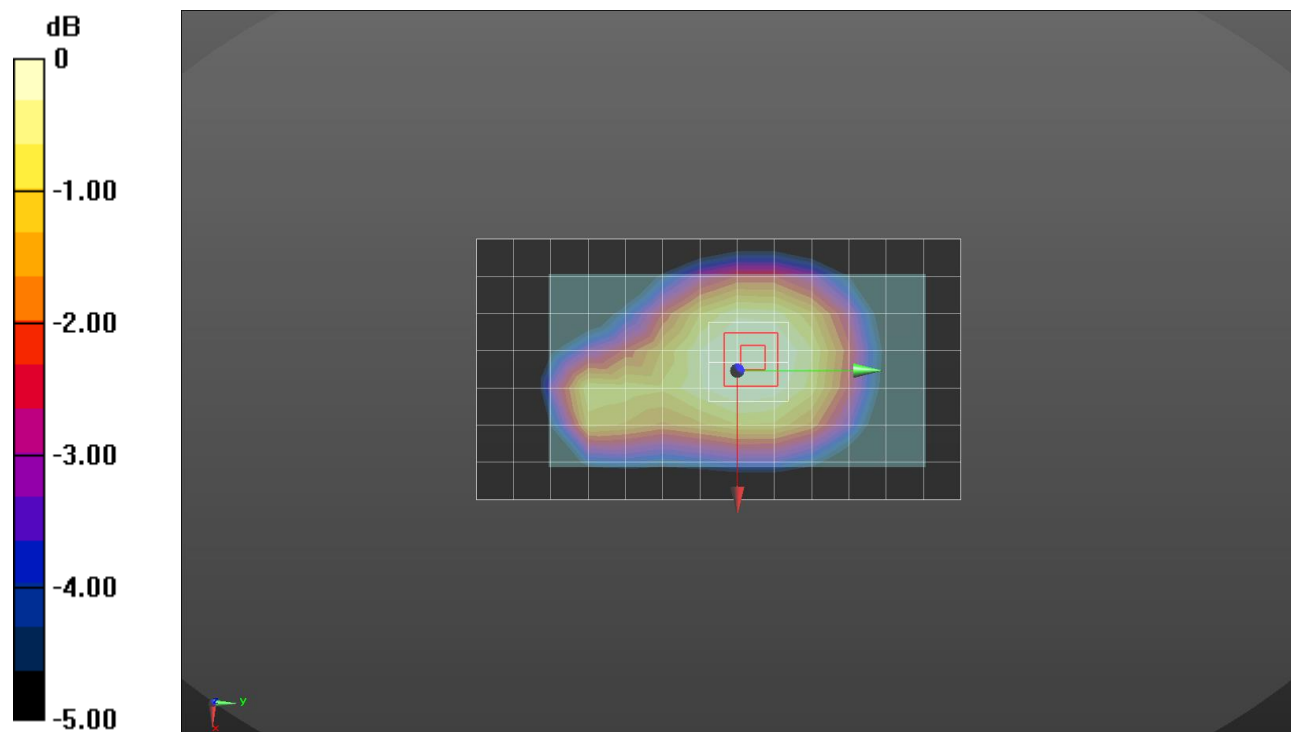
**Rear/GPRS\_3 slots\_ch 190 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.53 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.571 W/kg

**SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.348 W/kg**

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



0 dB = 0.509 W/kg = -2.93 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 53.173$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.09, 10.09, 10.09); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/GPRS\_3 slots\_ch 190 10mm(Hotspot)/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.787 W/kg

**Rear/GPRS\_3 slots\_ch 190 10mm(Hotspot)/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

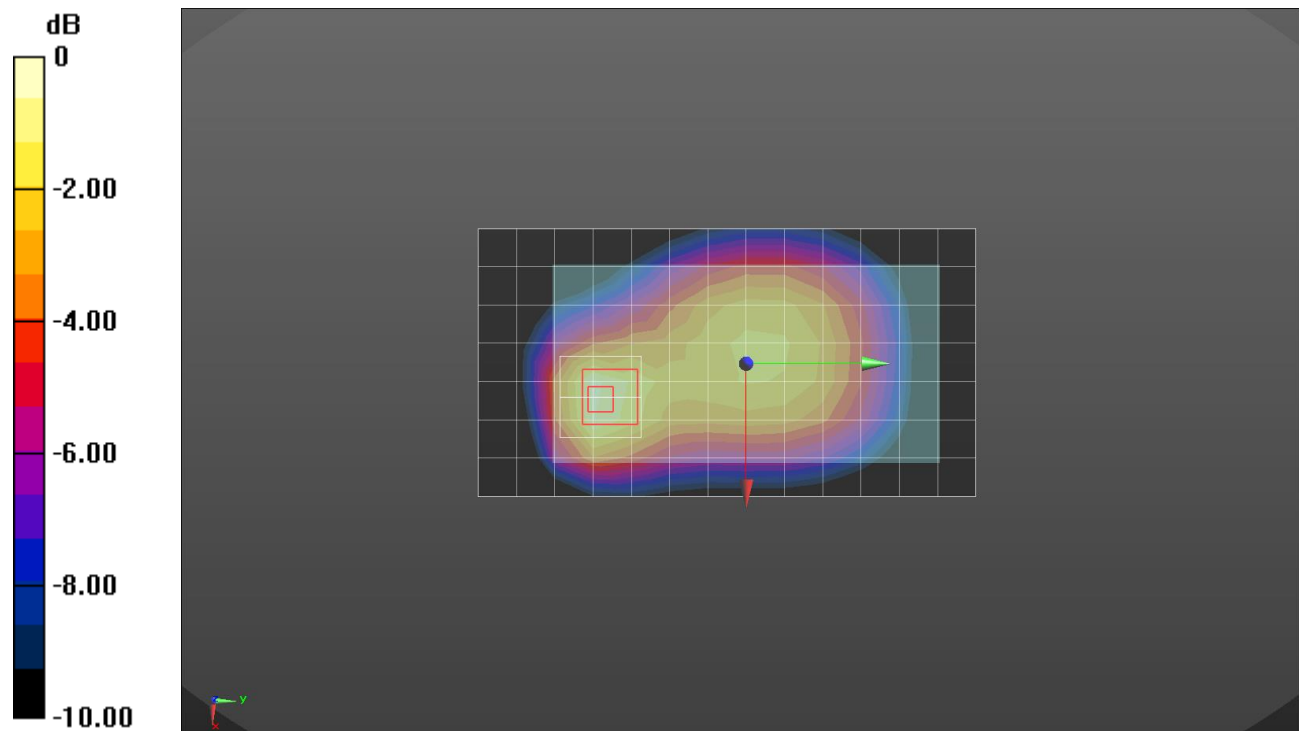
dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.37 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.430 W/kg**

Maximum value of SAR (measured) = 0.868 W/kg



0 dB = 0.868 W/kg = -0.61 dBW/kg

## WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.43, 10.43, 10.43); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**LHS/Touch\_Rel.99 ch4183/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.329 W/kg

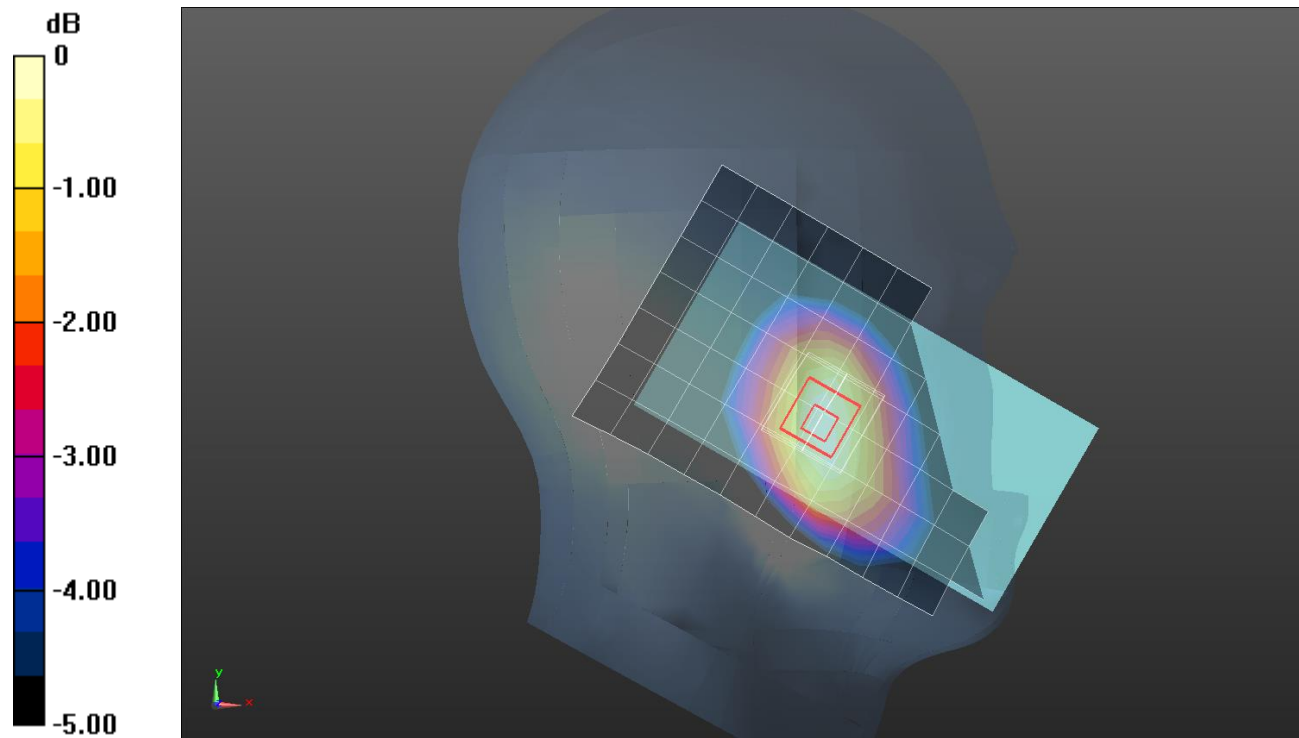
**LHS/Touch\_Rel.99 ch4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.49 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.225 W/kg**

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



0 dB = 0.328 W/kg = -4.84 dBW/kg

## W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 53.173$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.09, 10.09, 10.09); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/Rel.99 ch 4183 15mm/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.457 W/kg

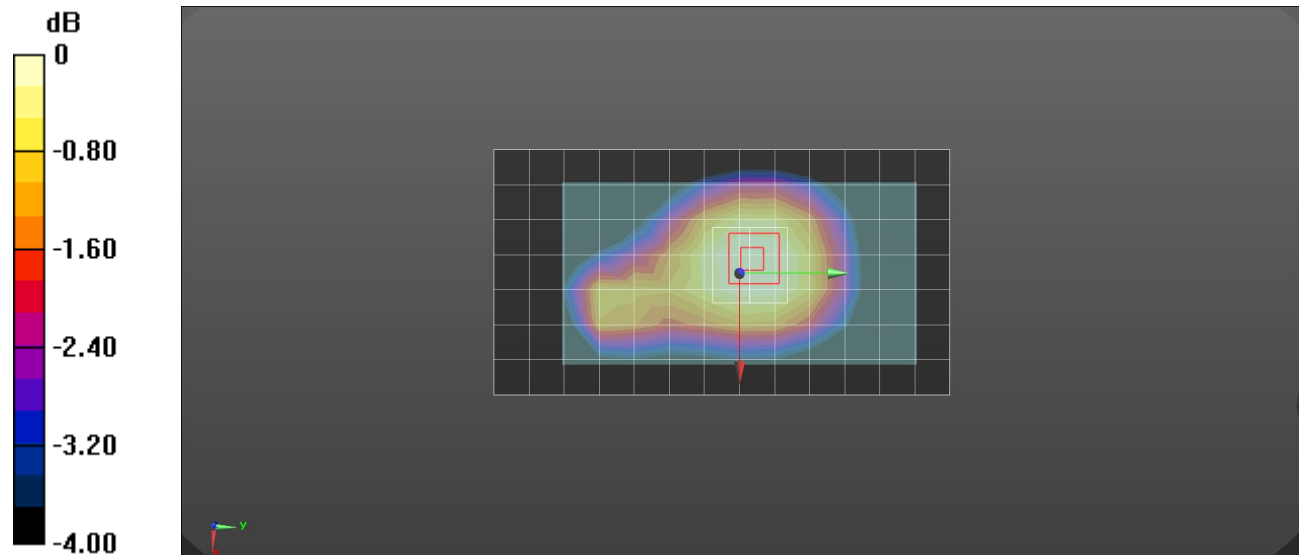
**Rear/Rel.99 ch 4183 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.50 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.501 W/kg

**SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.302 W/kg**

Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.446 W/kg = -3.51 dBW/kg

## W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 53.173$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.09, 10.09, 10.09); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/Rel.99 ch 4183 10mm/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.684 W/kg

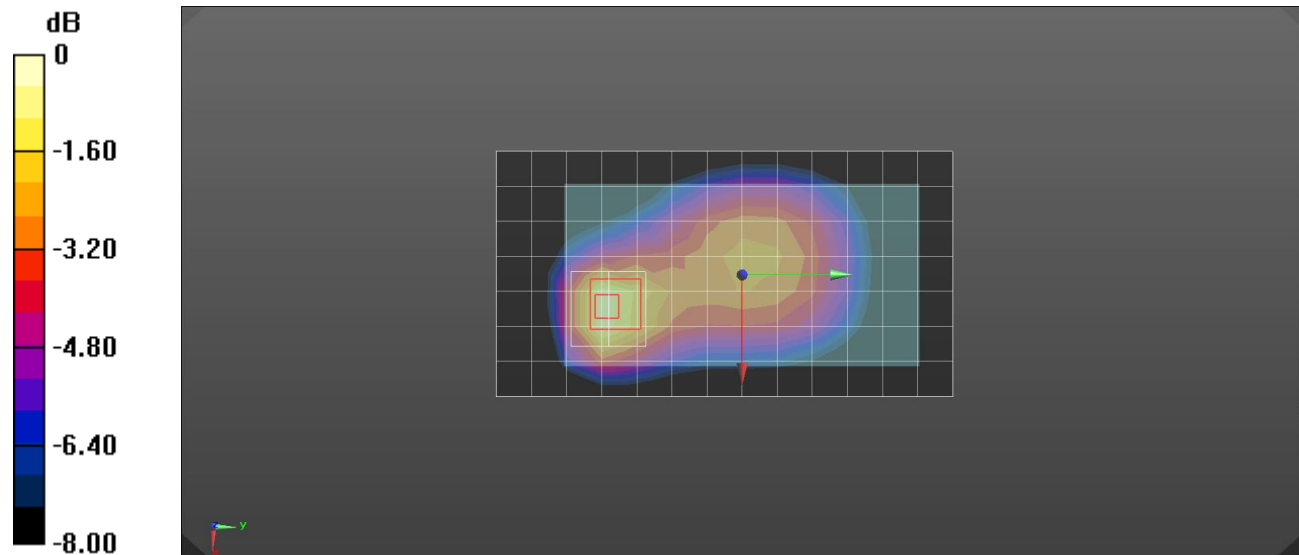
**Rear/Rel.99 ch 4183 10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.78 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.382 W/kg**

Maximum value of SAR (measured) = 0.785 W/kg



0 dB = 0.785 W/kg = -1.05 dBW/kg

## LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.982$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.43, 10.43, 10.43); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**LHS/Touch\_QPSK RB 1/0 ch 20525/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.356 W/kg

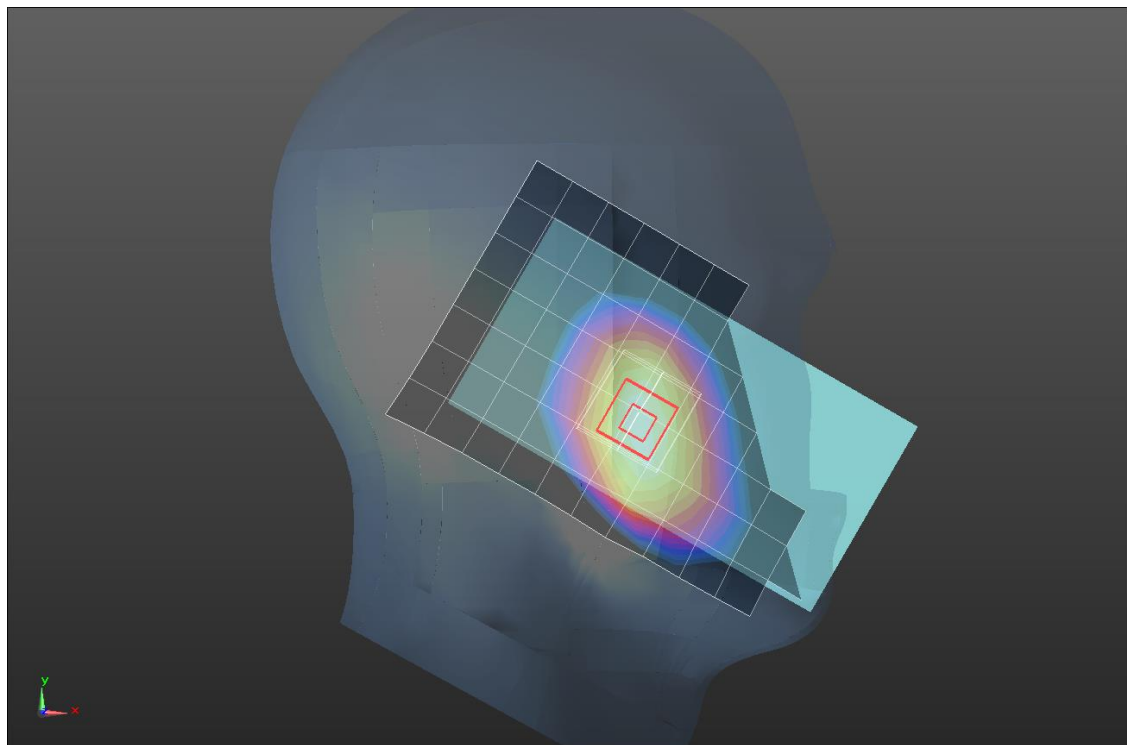
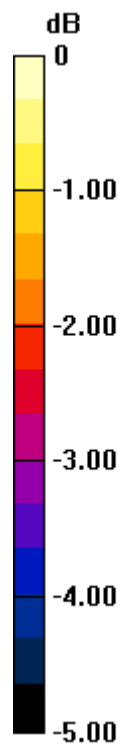
**LHS/Touch\_QPSK RB 1/0 ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.12 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.402 W/kg

**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.245 W/kg**

Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg

## LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 53.174$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.09, 10.09, 10.09); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK\_RB 1/0\_ch 20525 15mm/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.475 W/kg

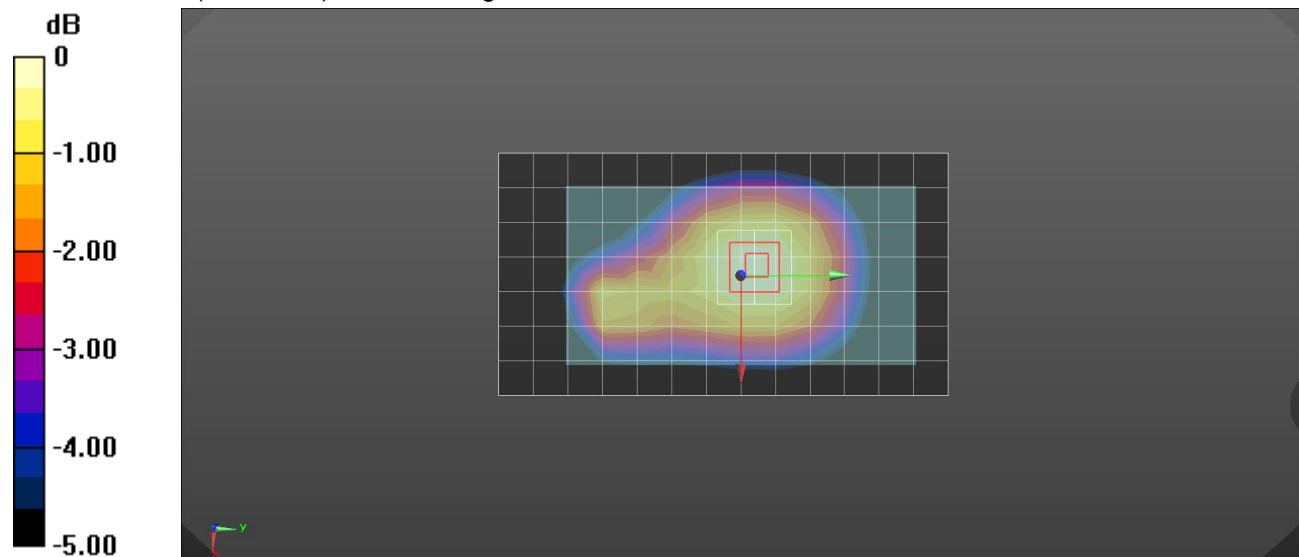
**Rear/QPSK\_RB 1/0\_ch 20525 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.14 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.547 W/kg

**SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.324 W/kg**

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg



## LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 53.174$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(10.09, 10.09, 10.09); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK\_RB 1/0\_ch 20525 10mm/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.688 W/kg

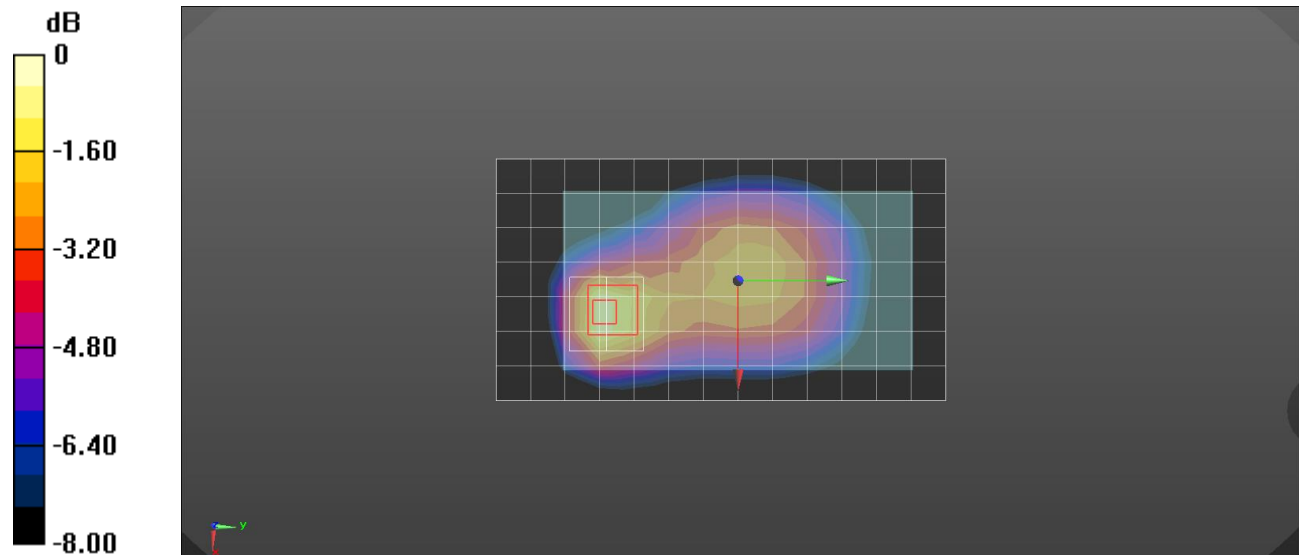
**Rear/QPSK\_RB 1/0\_ch 20525 10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.79 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.386 W/kg**

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

## Wi-Fi 2.4 GHz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.855 \text{ S/m}$ ;  $\epsilon_r = 37.73$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(7.71, 7.71, 7.71); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1847

**LHS/Touch\_802.11 b mode ch 11/Area Scan (16x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.354 W/kg

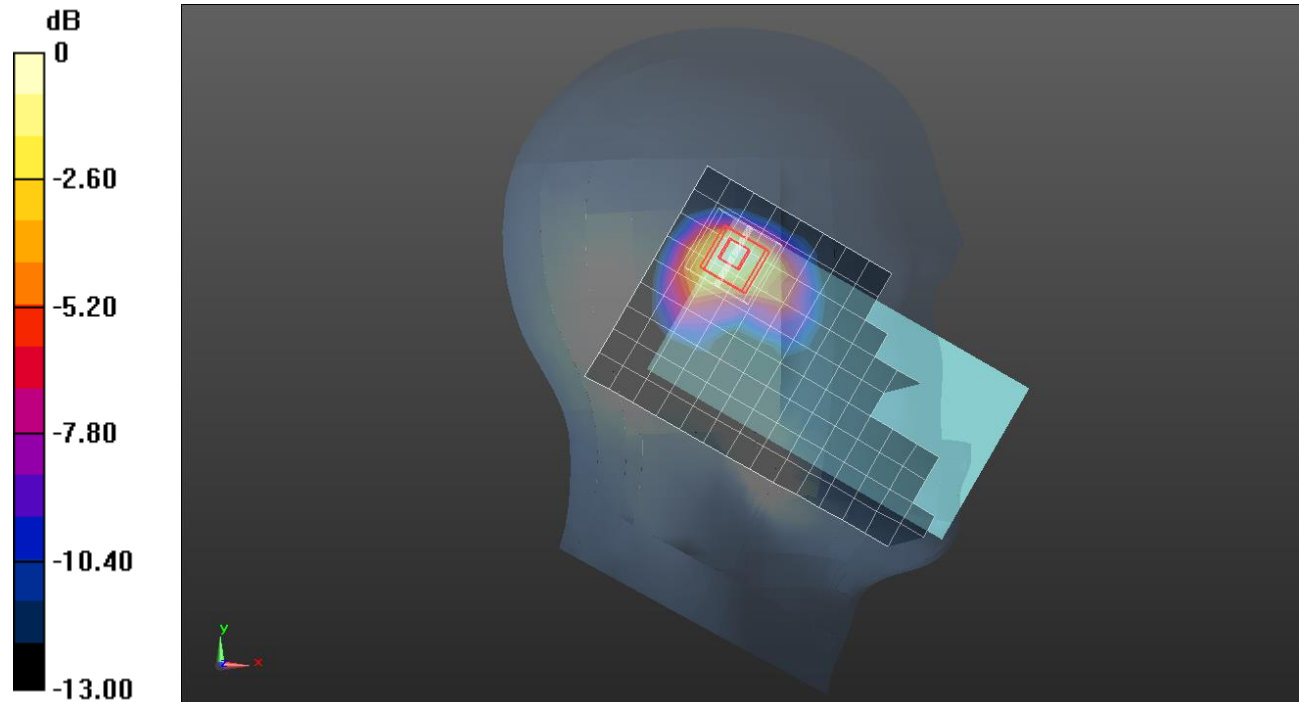
**LHS/Touch\_802.11 b mode ch 11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.57 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.129 W/kg**

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



0 dB = 0.413 W/kg = -3.84 dBW/kg

## Wi-Fi 2.4 GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.978 \text{ S/m}$ ;  $\epsilon_r = 52.66$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(7.79, 7.79, 7.79); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

**Rear/802.11b\_ch 1\_15mm/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.172 W/kg

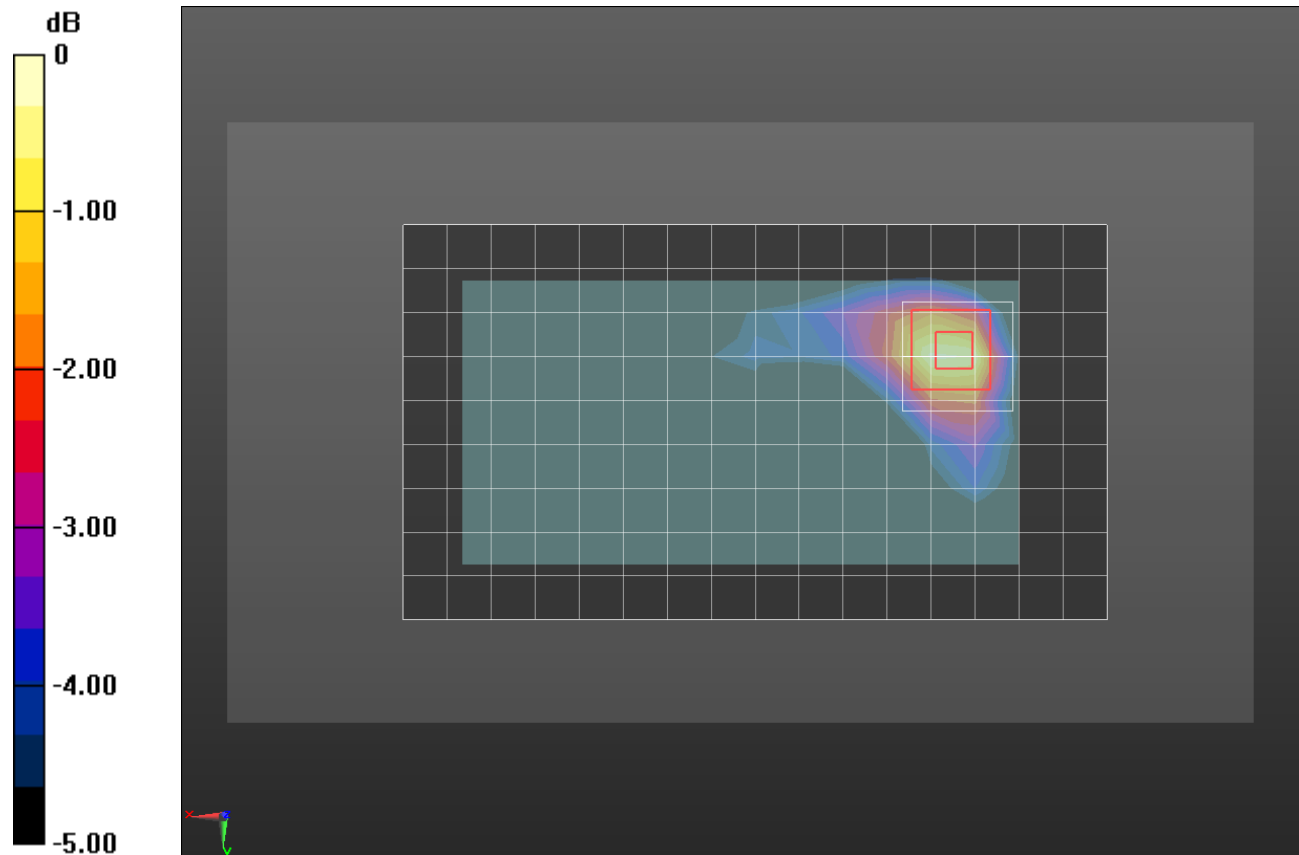
**Rear/802.11b\_ch 1\_15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.07 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.070 W/kg**

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



0 dB = 0.180 W/kg = -7.45 dBW/kg

## Wi-Fi 2.4 GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.978 \text{ S/m}$ ;  $\epsilon_r = 52.66$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2017-10-23
- Probe: EX3DV4 - SN7330; ConvF(7.79, 7.79, 7.79); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

**Rear/802.11b\_ch 1\_10mm/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.385 W/kg

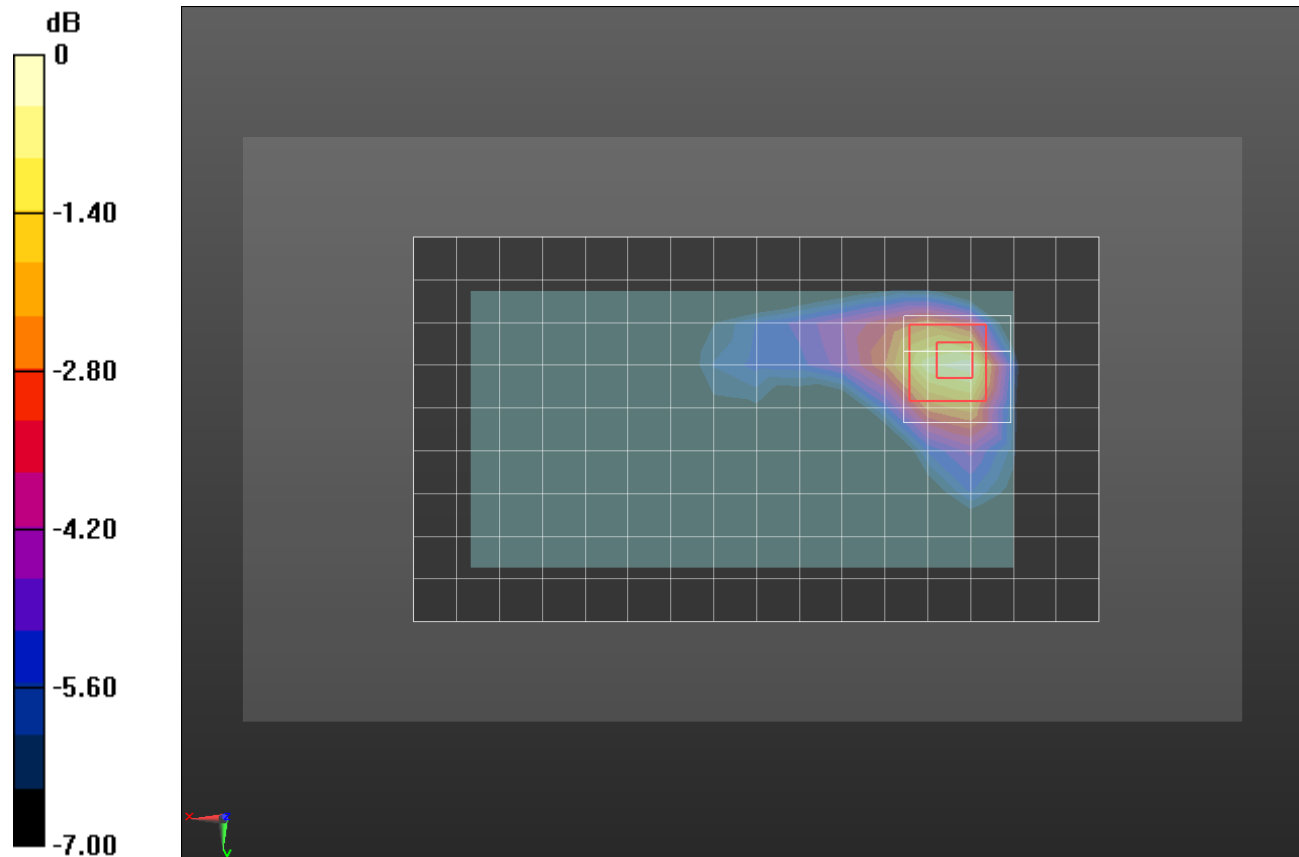
**Rear/802.11b\_ch 1\_10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.03 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.398 W/kg = -4.00 dBW/kg