

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.198$ ;  $\rho = 1000$  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: DAE4 Sn1468; Calibrated: 2018-08-22
- Probe: EX3DV4 - SN7314; ConvF(9.47, 9.47, 9.47); Calibrated: 2018-08-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1855

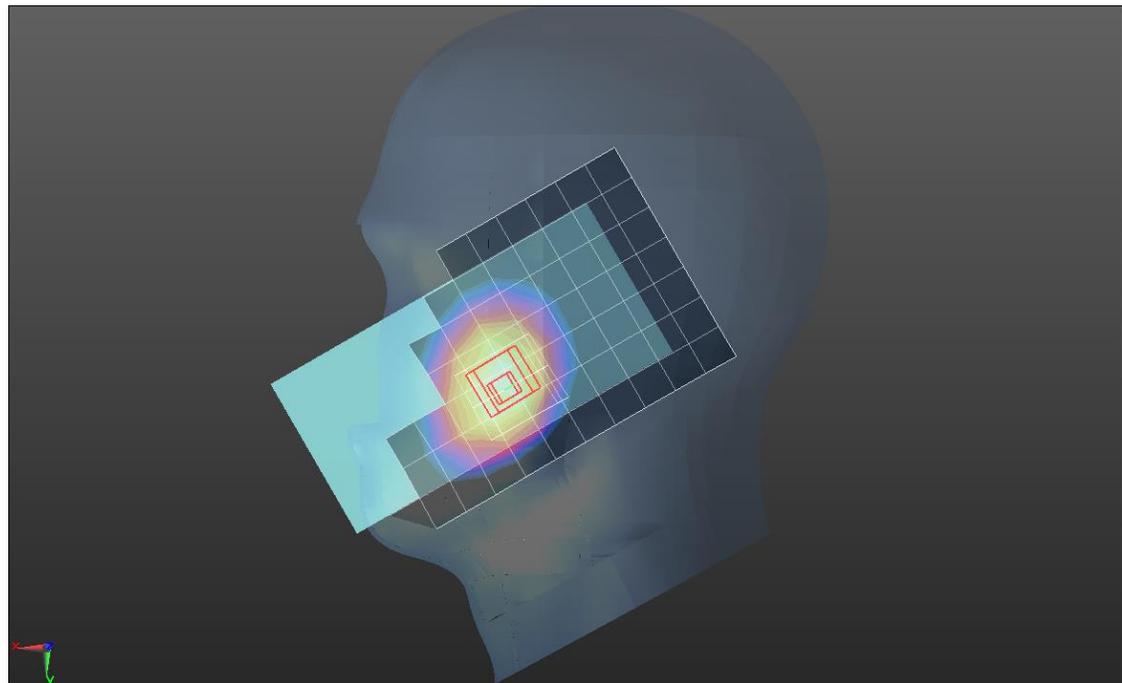
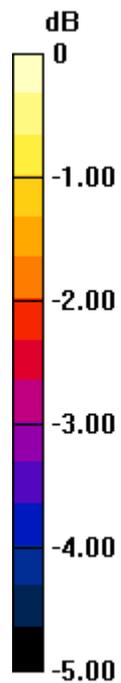
**RHS/Touch\_GSM\_Voice\_ch.190/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.132 W/kg

**RHS/Touch\_GSM\_Voice\_ch.190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.47 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.090 W/kg**



0 dB = 0.132 W/kg = -8.79 dBW/kg

## GSM 850

Communication System: UID 0, GPRS-FDD (TDMA, GMSK, 3 slot) (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.60016

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7330; ConvF(10.45, 10.45, 10.45); Calibrated: 2019-01-31;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: ELI v6.0; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (measured) = 0.190 W/kg

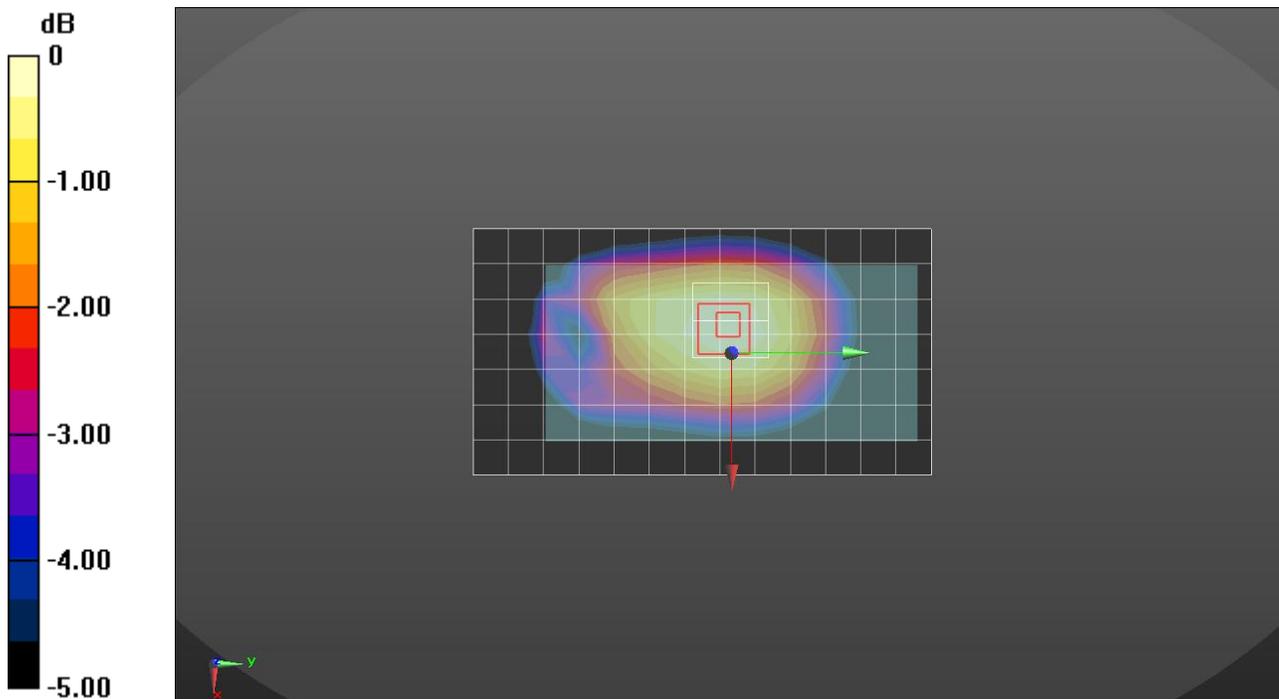
**Rear/GPRS\_3 Slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.27 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.218 W/kg

**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.130 W/kg**

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



0 dB = 0.192 W/kg = -7.17 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;  $\sigma = 0.954$  S/m;  $\epsilon_r = 55.826$ ;  $\rho = 1000$  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: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7330; ConvF(10.45, 10.45, 10.45); Calibrated: 2019-01-31;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

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

Maximum value of SAR (measured) = 0.282 W/kg

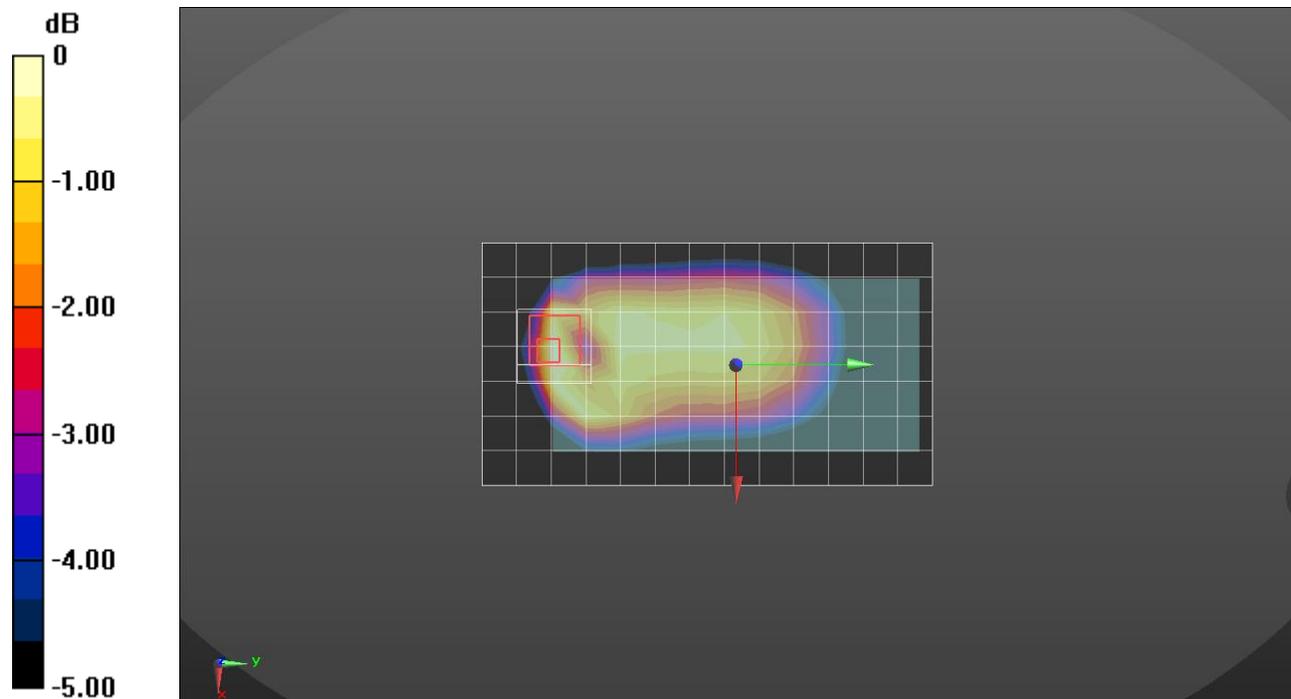
**Rear/GPRS\_3 Slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.03 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.416 \text{ S/m}$ ;  $\epsilon_r = 40.24$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 7/26/2018
- Probe: EX3DV4 - SN3991; ConvF(8.43, 8.43, 8.43); Calibrated: 5/24/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt)\_20181018; Type: QD 000 P40 CD; Serial: 1829

**LHS/Touch\_GSM\_voice\_ch.661/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.0638 W/kg

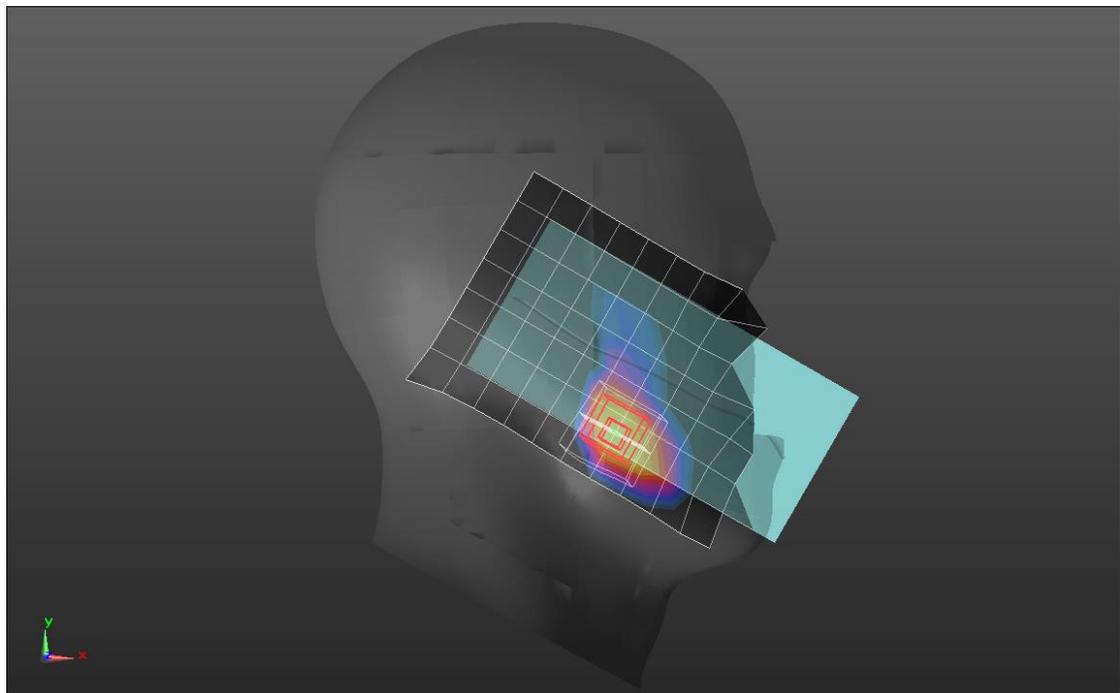
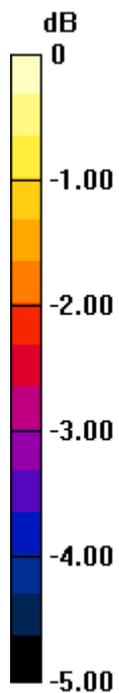
**LHS/Touch\_GSM\_voice\_ch.661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.976 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0920 W/kg

**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.0738 W/kg



0 dB = 0.0738 W/kg = -11.32 dBW/kg

## GSM 1900

Communication System: UID 0, GPRS-FDD (TDMA, GMSK, 3 slot) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.60016

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3991; ConvF(8.03, 8.03, 8.03); Calibrated: 2018-05-24;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 2018-07-26
- Phantom: ELI V5.0 (20deg probe tilt)\_20190207; Type: QD OVA 001 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7331)

**Rear/GPRS\_3 slots\_ch 661/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.105 W/kg

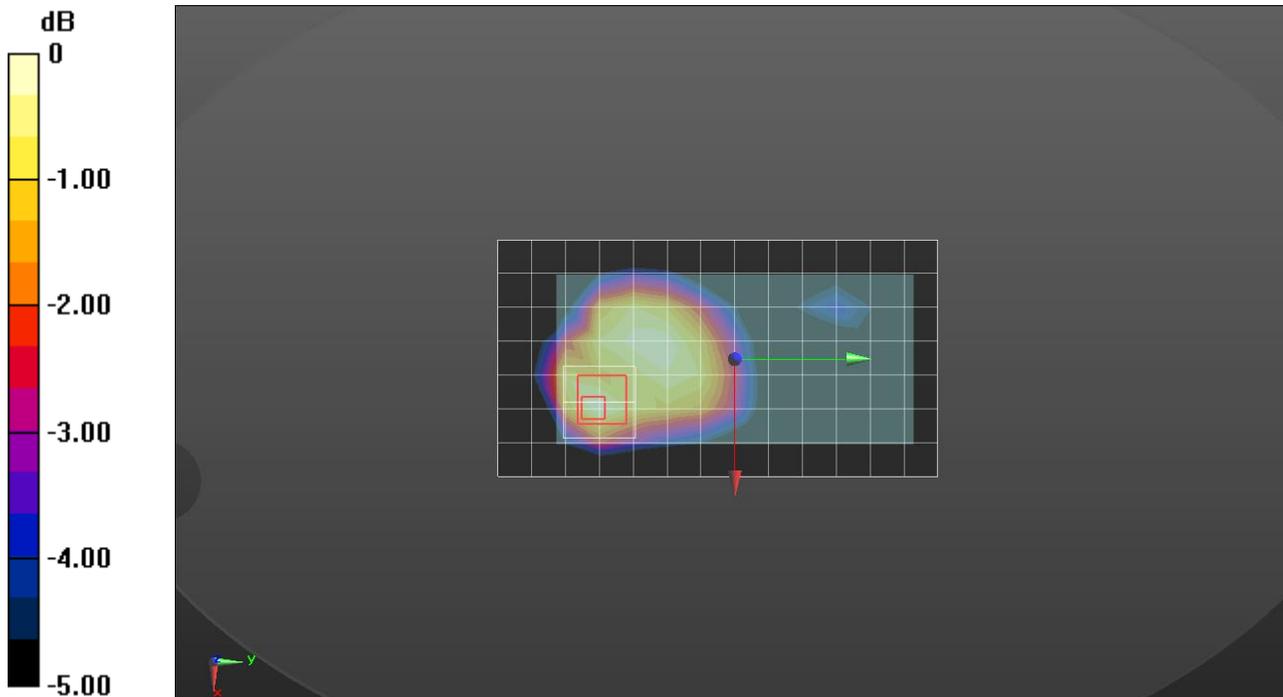
**Rear/GPRS\_3 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.276 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.141 W/kg

**SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.049 W/kg**

Maximum value of SAR (measured) = 0.104 W/kg



0 dB = 0.104 W/kg = -9.83 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.564 \text{ S/m}$ ;  $\epsilon_r = 52.786$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 7/26/2018
- Probe: EX3DV4 - SN3991; ConvF(8.03, 8.03, 8.03); Calibrated: 5/24/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt)\_20190207; Type: QD OVA 001 BB; Serial: 1212

**Rear/GPRS\_3 slots\_ch 661 /Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.324 W/kg

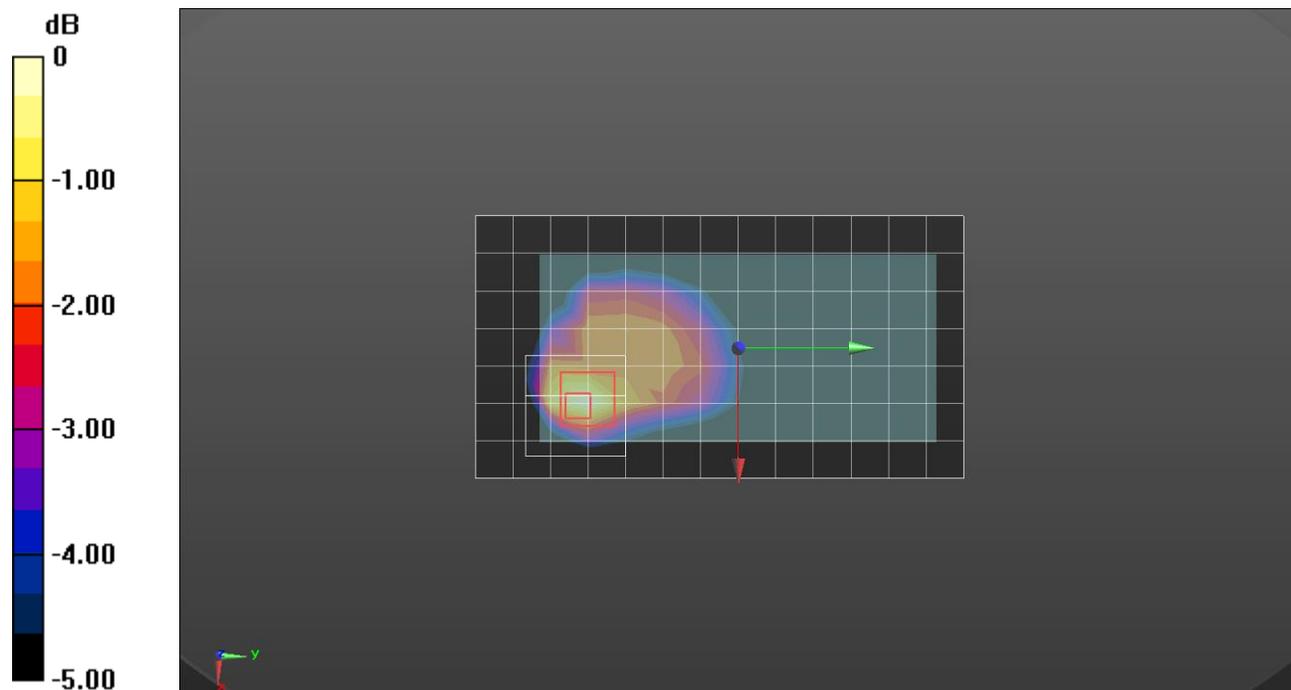
**Rear/GPRS\_3 slots\_ch 661 /Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.620 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.470 W/kg

**SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.150 W/kg**

Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.416 \text{ S/m}$ ;  $\epsilon_r = 40.24$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 7/26/2018
- Probe: EX3DV4 - SN3991; ConvF(8.43, 8.43, 8.43); Calibrated: 5/24/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt)\_20181018; Type: QD 000 P40 CD; Serial: 1829

**LHS/Touch\_RMC Rel.99 ch 9400/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.207 W/kg

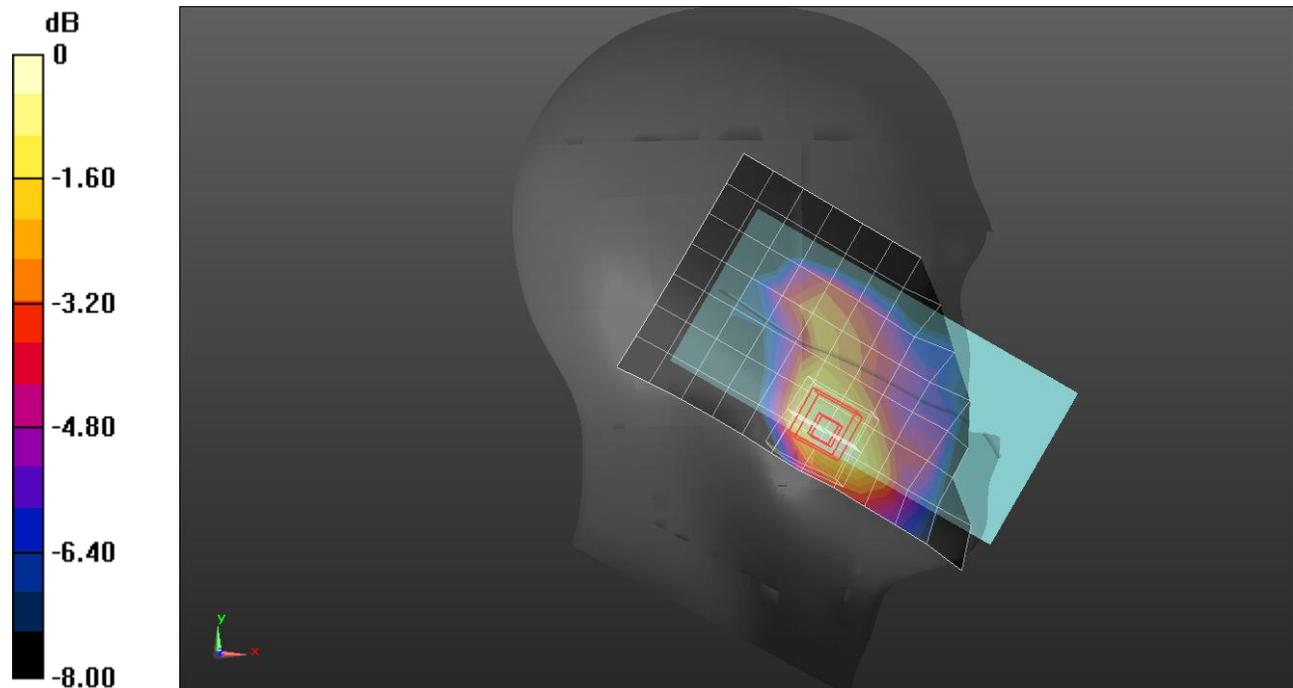
**LHS/Touch\_RMC Rel.99 ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.397 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 52.786$ ;  $\rho = 1000$  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: DAE4 Sn1259; Calibrated: 7/26/2018
- Probe: EX3DV4 - SN3991; ConvF(8.03, 8.03, 8.03); Calibrated: 5/24/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt)\_20190207; Type: QD OVA 001 BB; Serial: 1212

**Rear/Rel.99\_ch 9400 /Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.285 W/kg

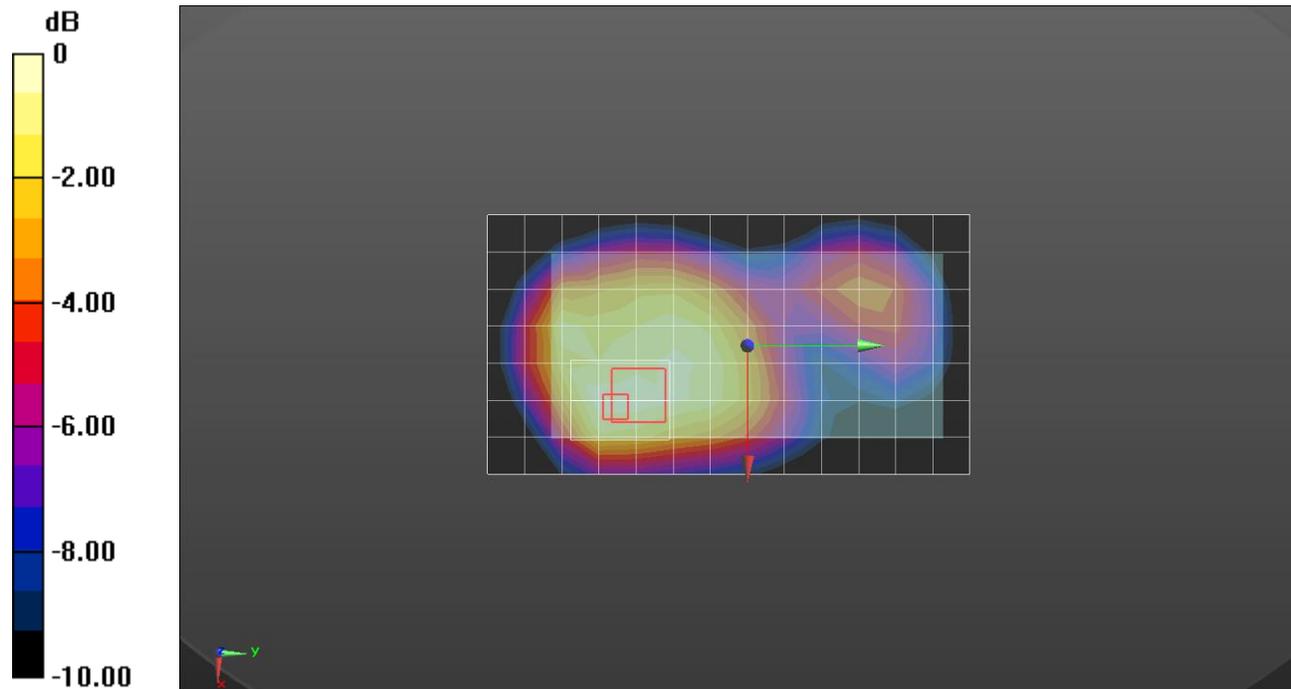
**Rear/Rel.99\_ch 9400 /Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.714 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg

## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.564 \text{ S/m}$ ;  $\epsilon_r = 52.786$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 7/26/2018
- Probe: EX3DV4 - SN3991; ConvF(8.03, 8.03, 8.03); Calibrated: 5/24/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt)\_20190207; Type: QD OVA 001 BB; Serial: 1212

**Rear/Rel.99\_ch 9400 /Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.319 W/kg

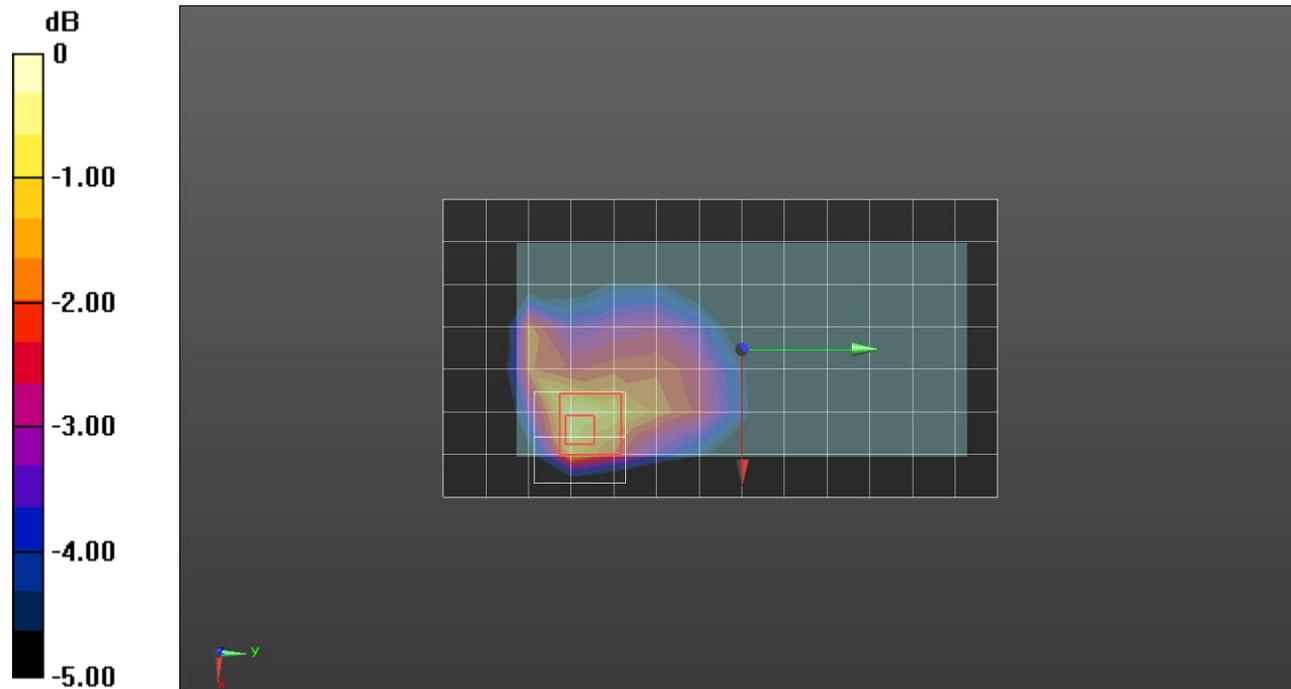
**Rear/Rel.99\_ch 9400 /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.502 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.481 W/kg

**SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 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):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.909 \text{ S/m}$ ;  $\epsilon_r = 41.198$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2018-08-22
- Probe: EX3DV4 - SN7314; ConvF(9.47, 9.47, 9.47); Calibrated: 2018-08-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1855

**RHS/Touch\_RMC Rel.99 ch 4183/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.156 W/kg

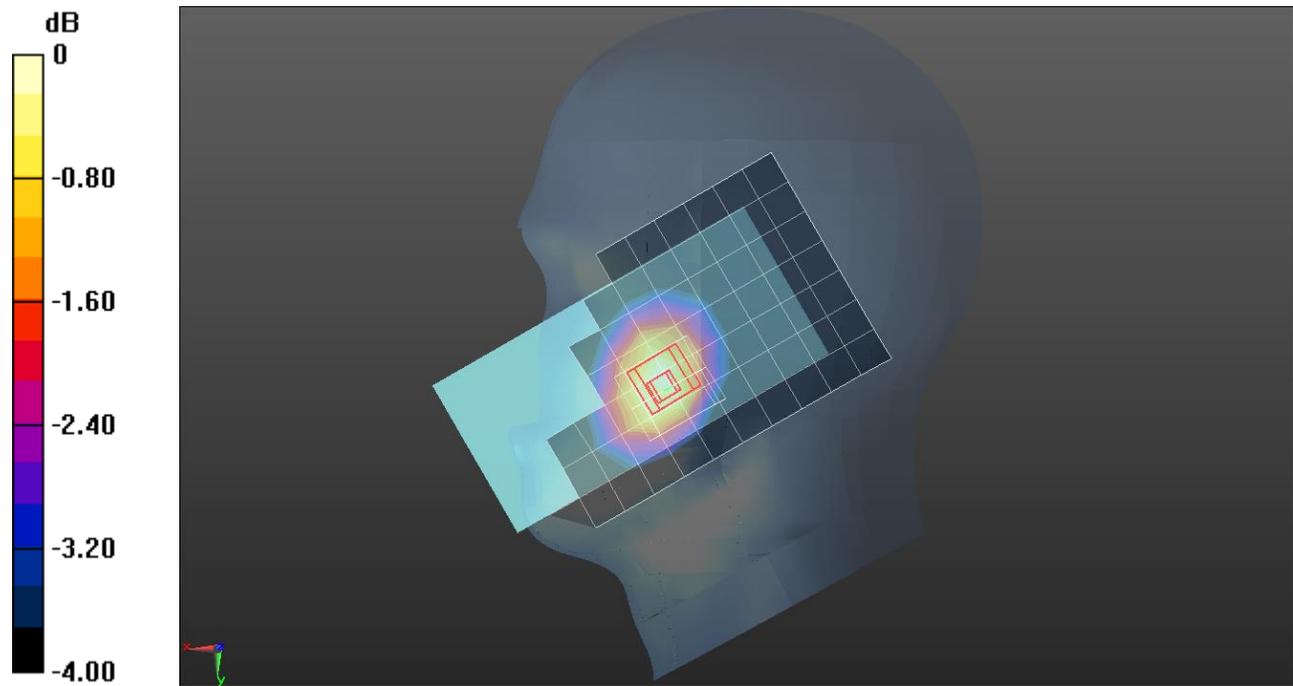
**RHS/Touch\_RMC Rel.99 ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.53 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.173 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.105 W/kg**

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 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;  $\sigma = 0.989$  S/m;  $\epsilon_r = 52.885$ ;  $\rho = 1000$  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: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7330; ConvF(10.45, 10.45, 10.45); Calibrated: 2019-01-31;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

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

Maximum value of SAR (measured) = 0.225 W/kg

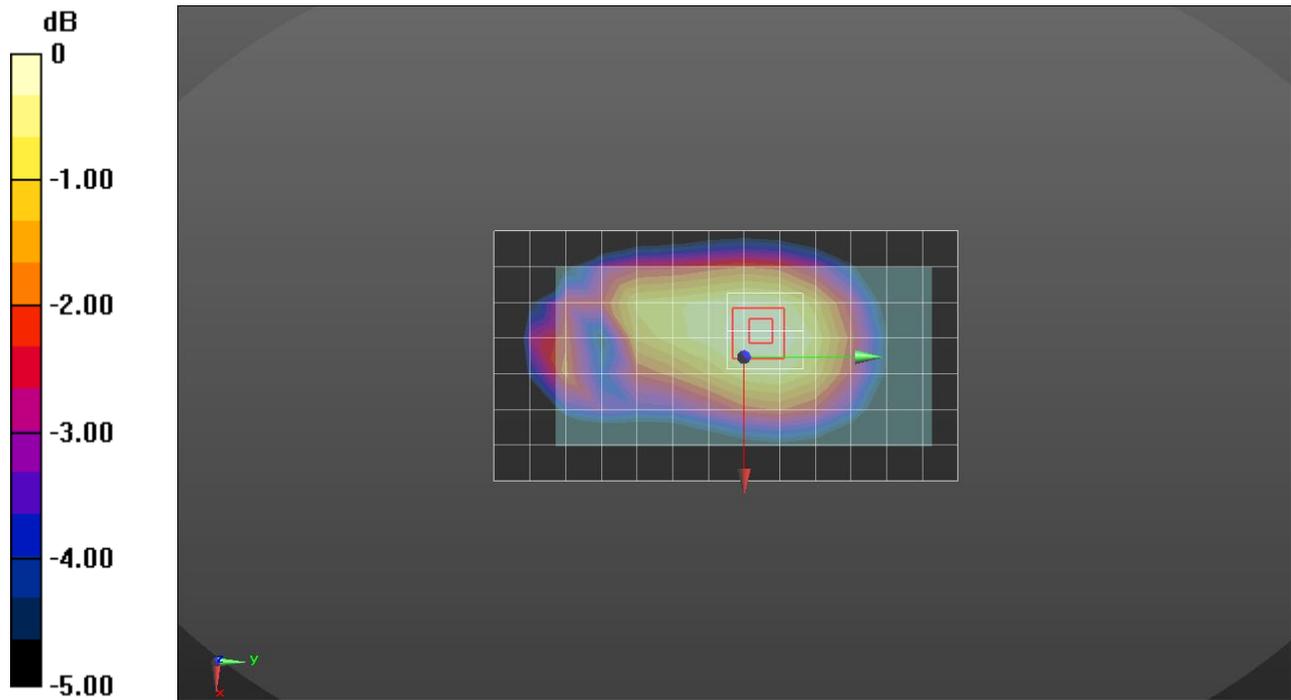
**Rear/Rel.99\_ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.27 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.154 W/kg**

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 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;  $\sigma = 0.989$  S/m;  $\epsilon_r = 52.885$ ;  $\rho = 1000$  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: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7330; ConvF(10.45, 10.45, 10.45); Calibrated: 2019-01-31;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

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

Maximum value of SAR (measured) = 0.406 W/kg

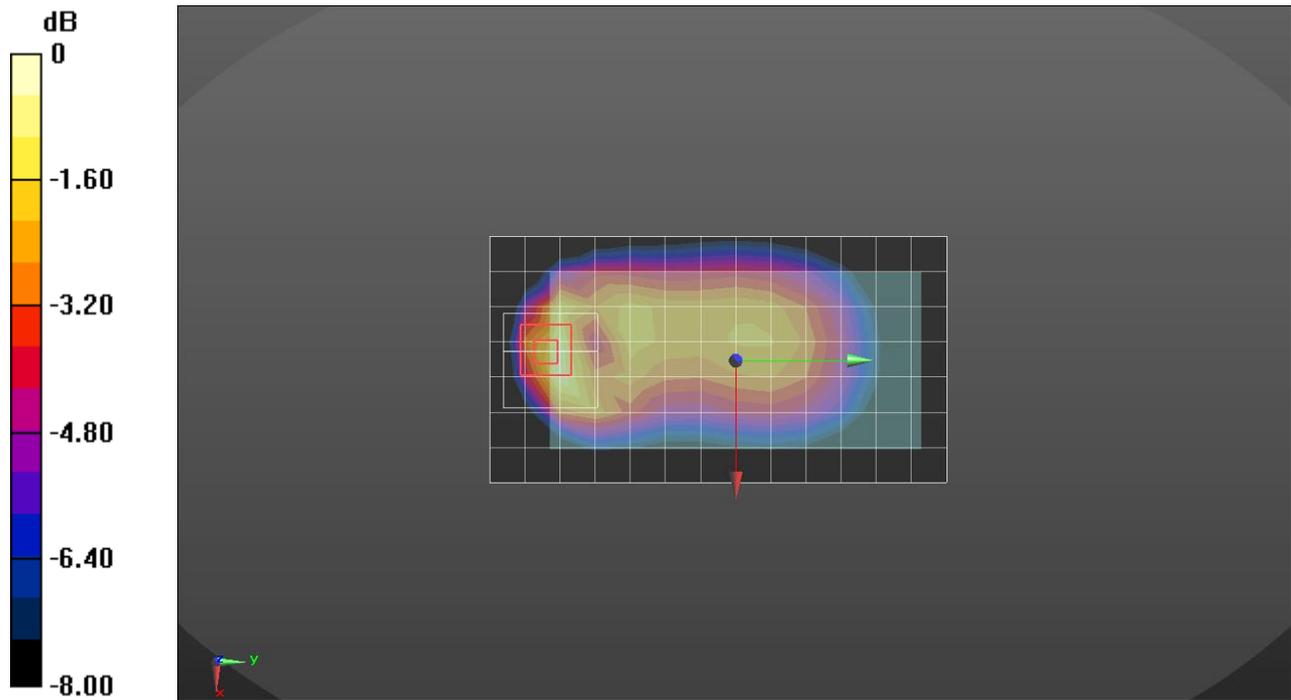
**Rear/Rel.99\_ch 4183/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.61 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.692 W/kg

**SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.187 W/kg**

Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

## LTE Band 5

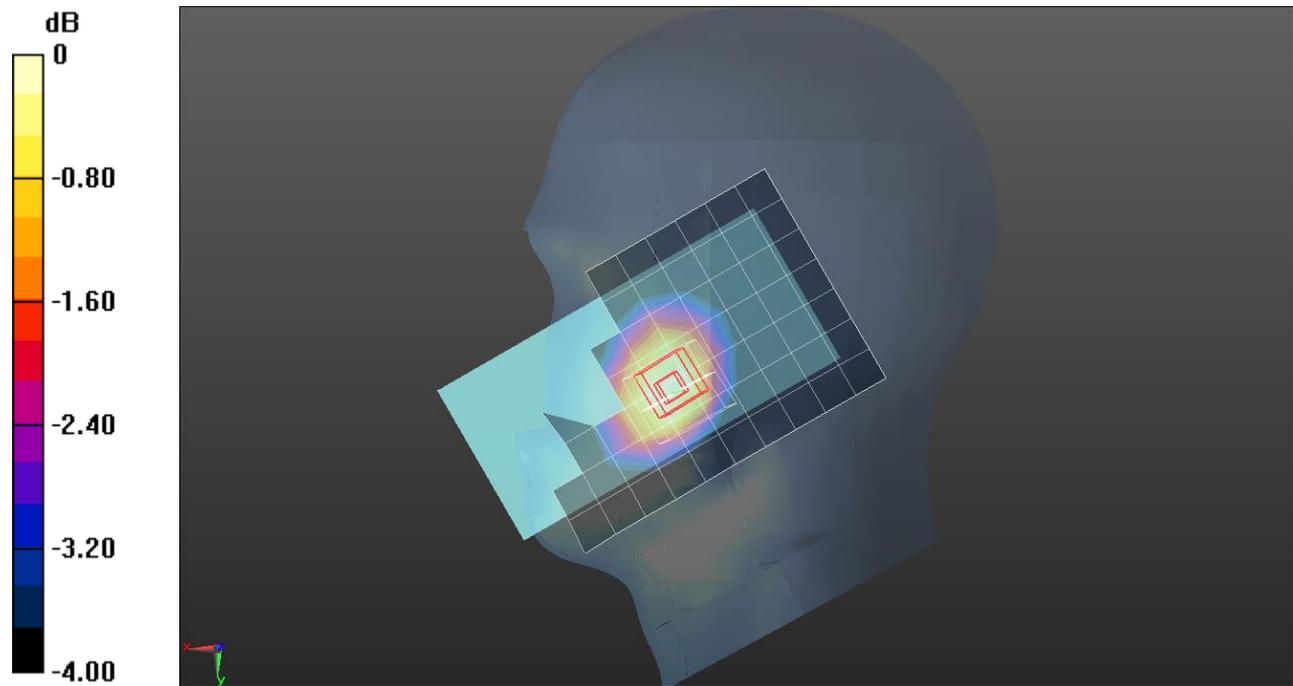
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 40.78$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2018-08-22
- Probe: EX3DV4 - SN7314; ConvF(9.47, 9.47, 9.47); Calibrated: 2018-08-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1855

**RHS/Touch\_QPSK RB 1/0 ch 20525/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.113 W/kg

**RHS/Touch\_QPSK RB 1/0 ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 11.16 V/m; Power Drift = 0.06 dB  
 Peak SAR (extrapolated) = 0.124 W/kg  
**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.077 W/kg**  
 Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 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;  $\sigma = 0.954$  S/m;  $\epsilon_r = 55.827$ ;  $\rho = 1000$  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: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7330; ConvF(10.45, 10.45, 10.45); Calibrated: 2019-01-31;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 1/0 Ch 20525/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.177 W/kg

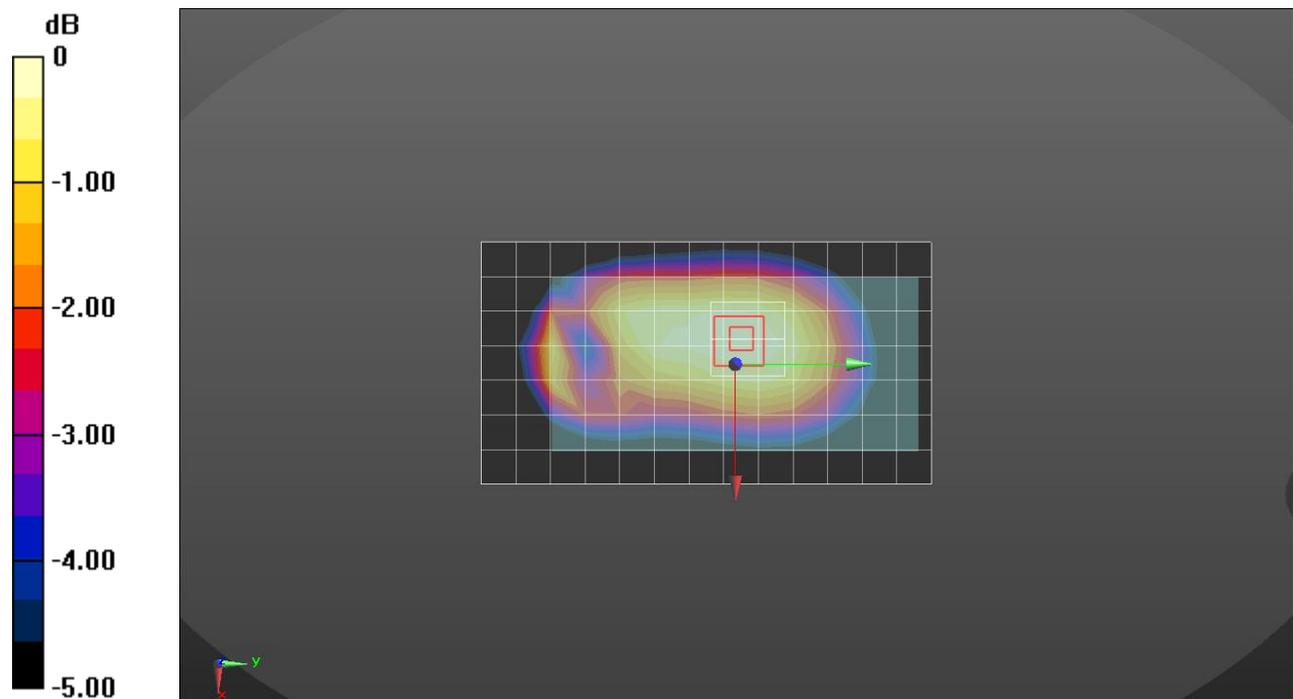
**Rear/QPSK RB 1/0 Ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.90 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 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;  $\sigma = 0.954$  S/m;  $\epsilon_r = 55.827$ ;  $\rho = 1000$  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: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7330; ConvF(10.45, 10.45, 10.45); Calibrated: 2019-01-31;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 1/0 Ch 20525/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

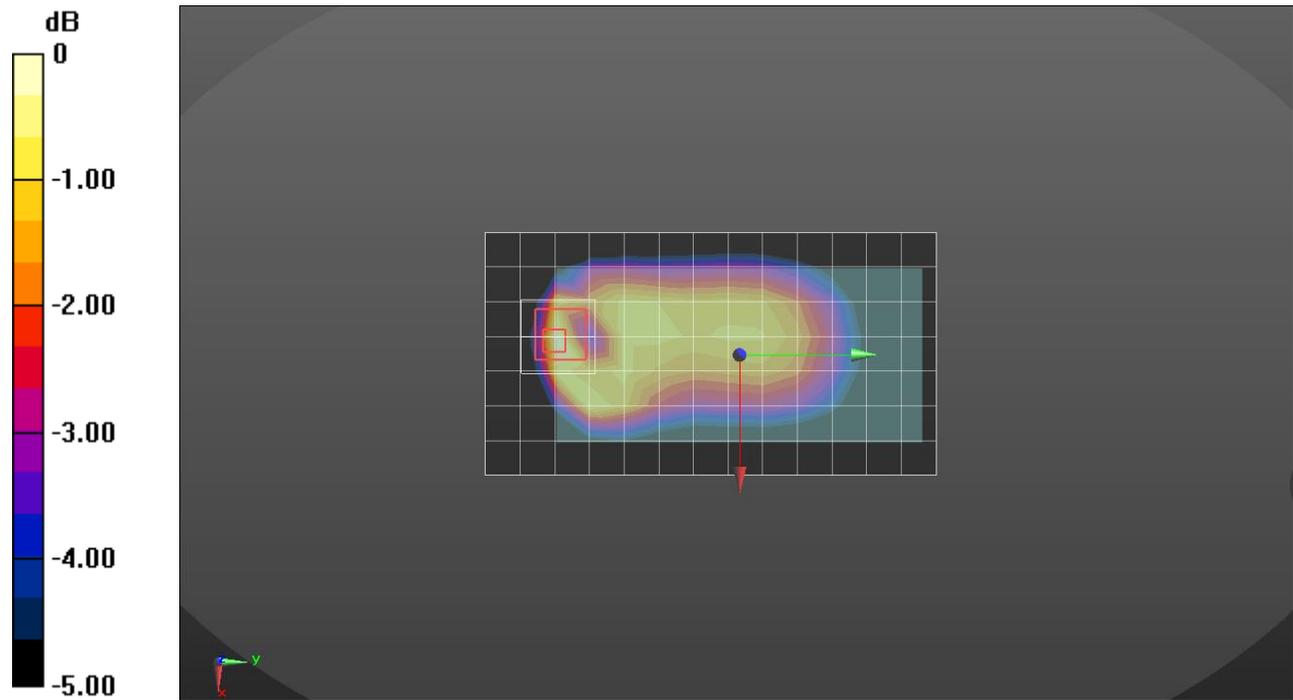
Maximum value of SAR (measured) = 0.195 W/kg

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

Reference Value = 14.46 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.079 W/kg**



0 dB = 0.195 W/kg = -7.10 dBW/kg

## LTE Band 41

Frequency: 2506 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2506$  MHz;  $\sigma = 1.909$  S/m;  $\epsilon_r = 39.838$ ;  $\rho = 1000$  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: DAE4 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.3, 7.3, 7.3); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**RHS/Touch\_QPSK RB 1/99\_ch 39750/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.193 W/kg

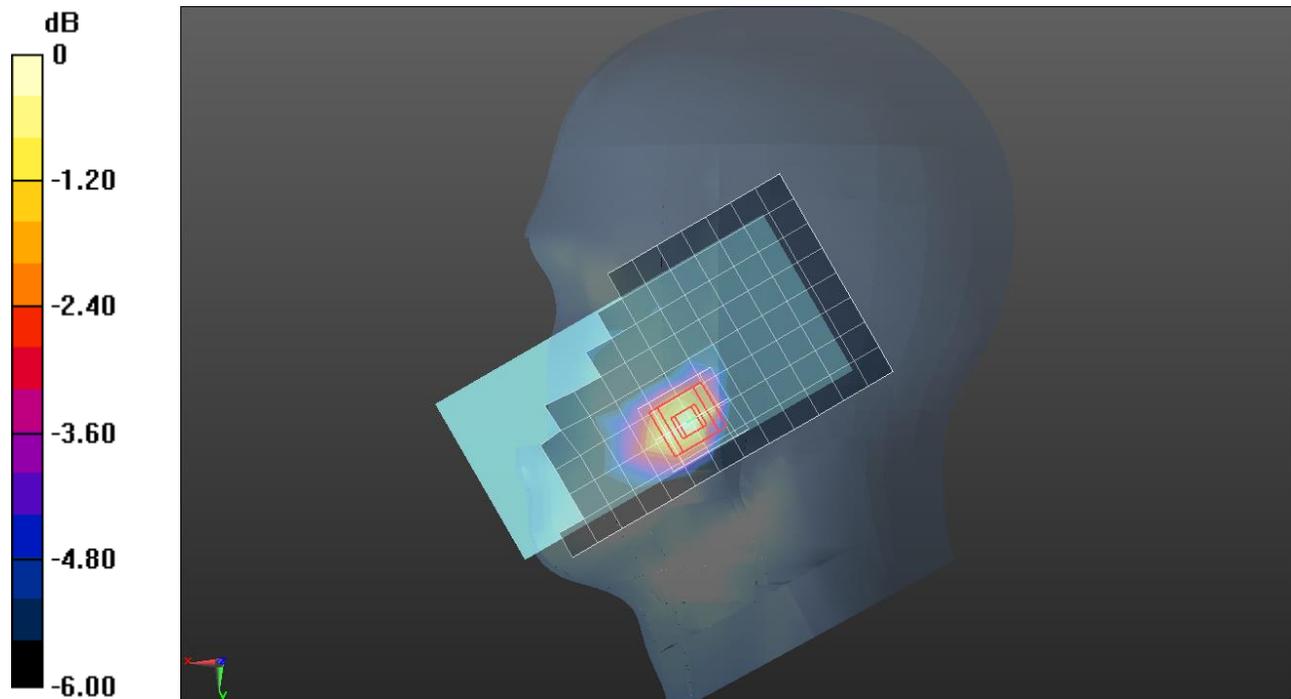
**RHS/Touch\_QPSK RB 1/99\_ch 39750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.14 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.074 W/kg**

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



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

## LTE Band 41

Frequency: 2506 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2506$  MHz;  $\sigma = 2.077$  S/m;  $\epsilon_r = 51.537$ ;  $\rho = 1000$  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: DAE4 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.49, 7.49, 7.49); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Front/QPSK RB 1/99 ch 39750 /Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.240 W/kg

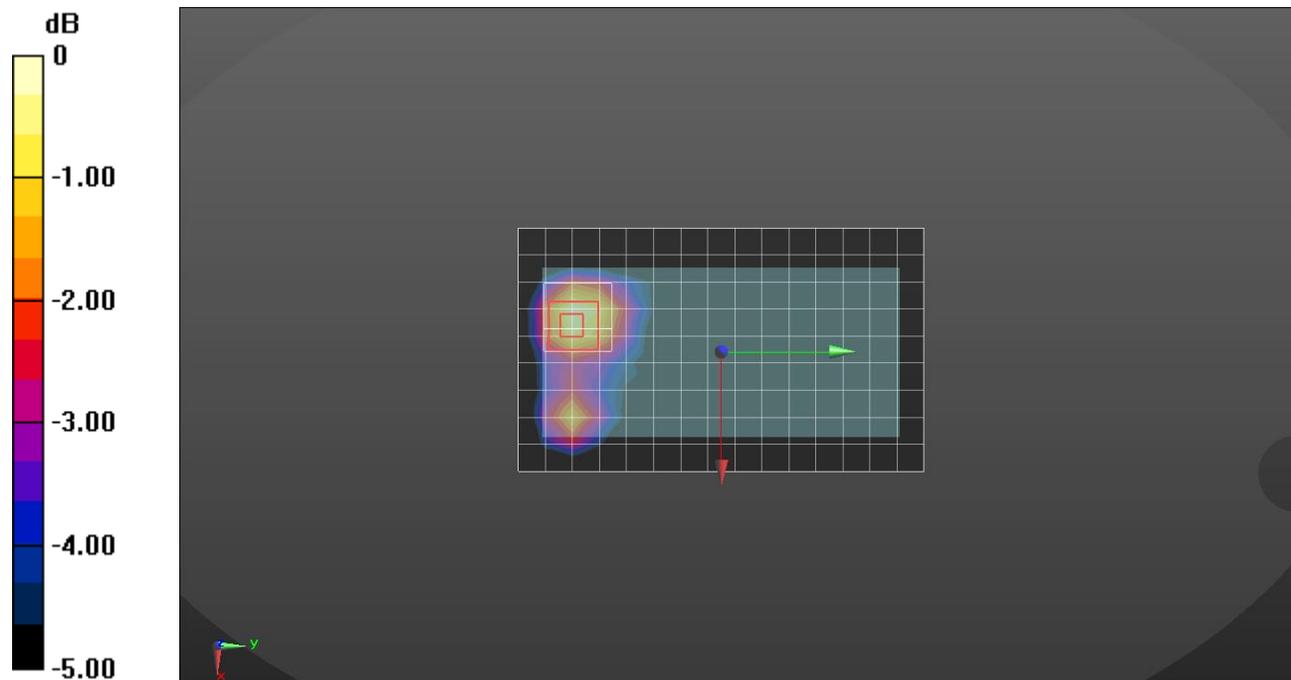
**Front/QPSK RB 1/99 ch 39750 /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.64 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.350 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

## LTE Band 41

Frequency: 2506 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2506$  MHz;  $\sigma = 2.077$  S/m;  $\epsilon_r = 51.537$ ;  $\rho = 1000$  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: DAE4 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.49, 7.49, 7.49); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Front/QPSK RB 1/99 ch 39750 /Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.497 W/kg

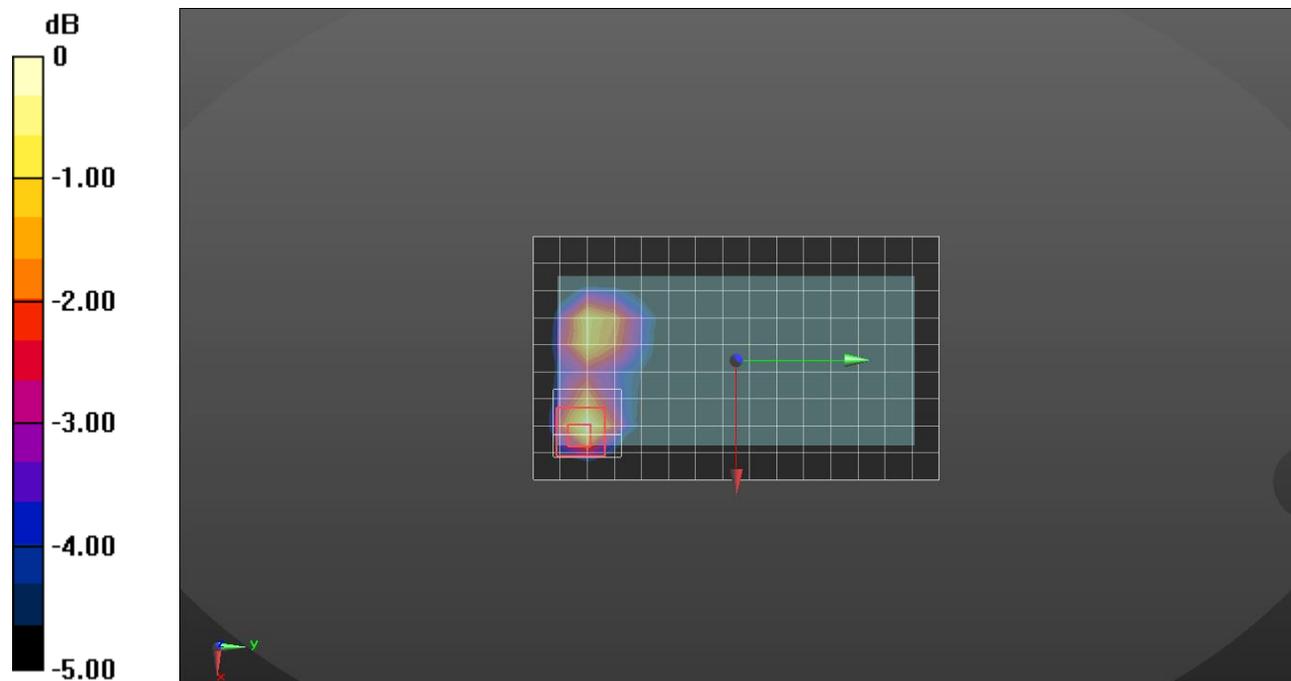
**Front/QPSK RB 1/99 ch 39750 /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.754 W/kg

**SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.177 W/kg**

Maximum value of SAR (measured) = 0.502 W/kg



$$0 \text{ dB} = 0.502 \text{ W/kg} = -2.99 \text{ dBW/kg}$$

## 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):  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.861 \text{ S/m}$ ;  $\epsilon_r = 39.99$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.4, 7.4, 7.4); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**LHS/Tilt\_802.11 b mode ch 11/Area Scan (9x17x1):** Measurement grid: dx=12mm, dy=12mm

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

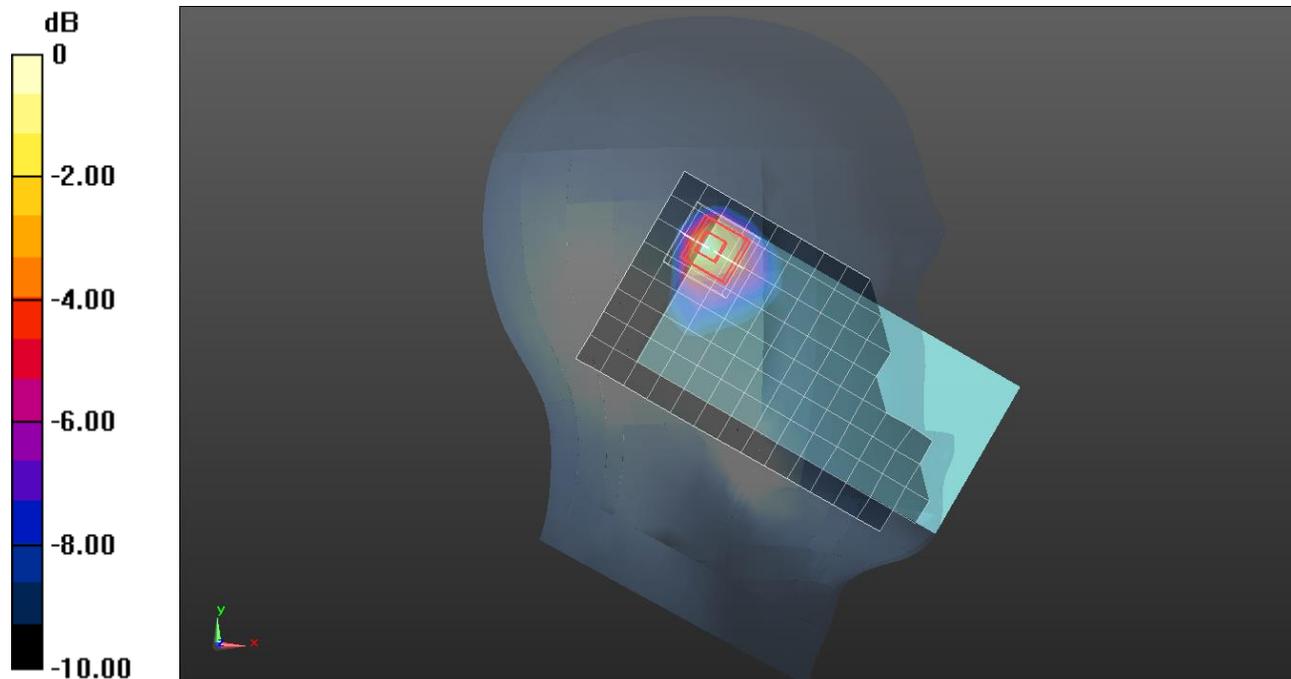
**LHS/Tilt\_802.11 b mode ch 11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.82 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.538 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.312 W/kg = -5.06 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):  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.034 \text{ S/m}$ ;  $\epsilon_r = 51.606$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.5, 7.5, 7.5); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Rear/802.11 b mode ch 11 /Area Scan (17x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0969 W/kg

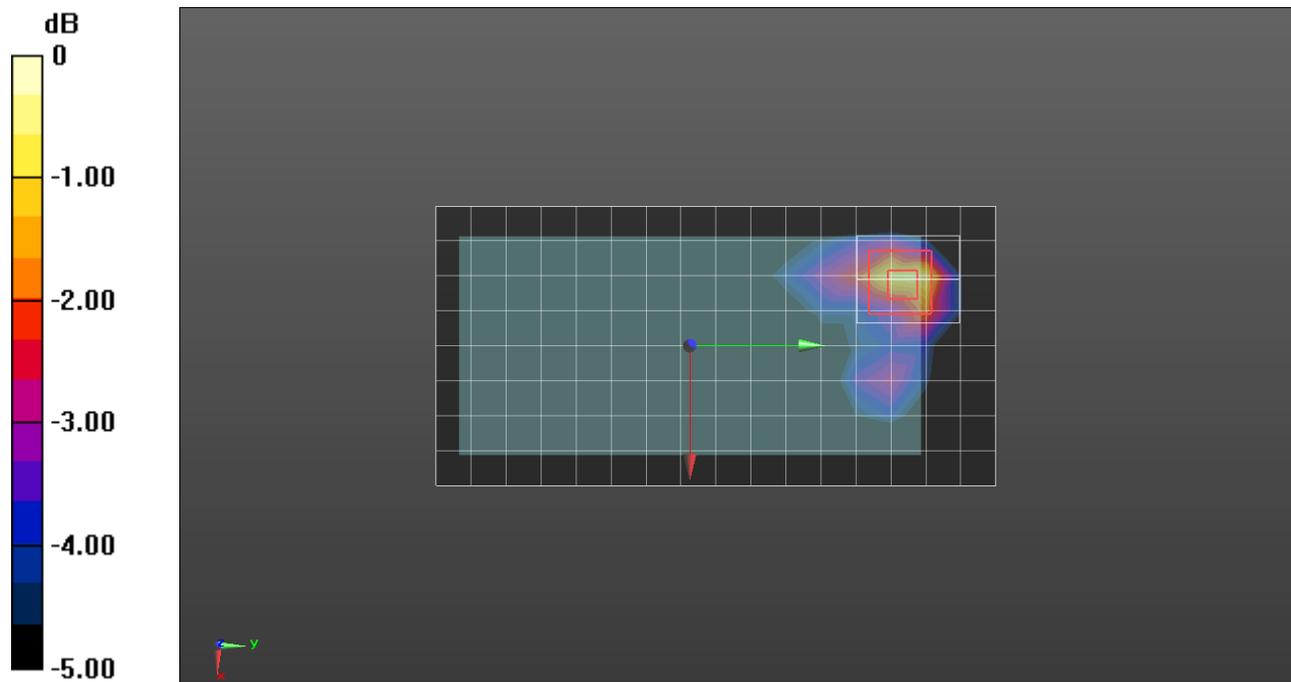
**Rear/802.11 b mode ch 11 /Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.495 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg = -9.75 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):  $f = 2462$  MHz;  $\sigma = 2.034$  S/m;  $\epsilon_r = 51.606$ ;  $\rho = 1000$  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: DAE4 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.5, 7.5, 7.5); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Rear/802.11 b mode ch 11 /Area Scan (17x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.287 W/kg

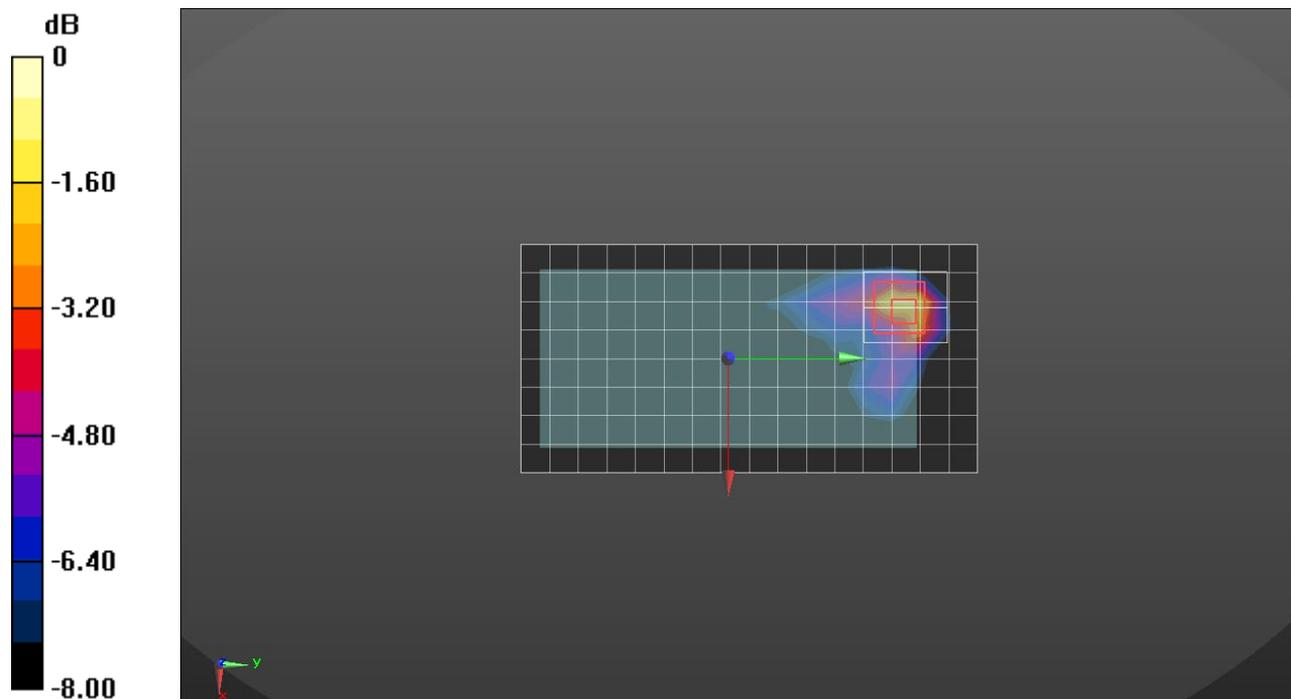
**Rear/802.11 b mode ch 11 /Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.12 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg = -4.34 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 40.067$ ;  $\rho = 1000$  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: DAE4 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.4, 7.4, 7.4); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**LHS/Tilt\_\_bluetooth\_GFSK\_ch 39/Area Scan (9x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.155 W/kg

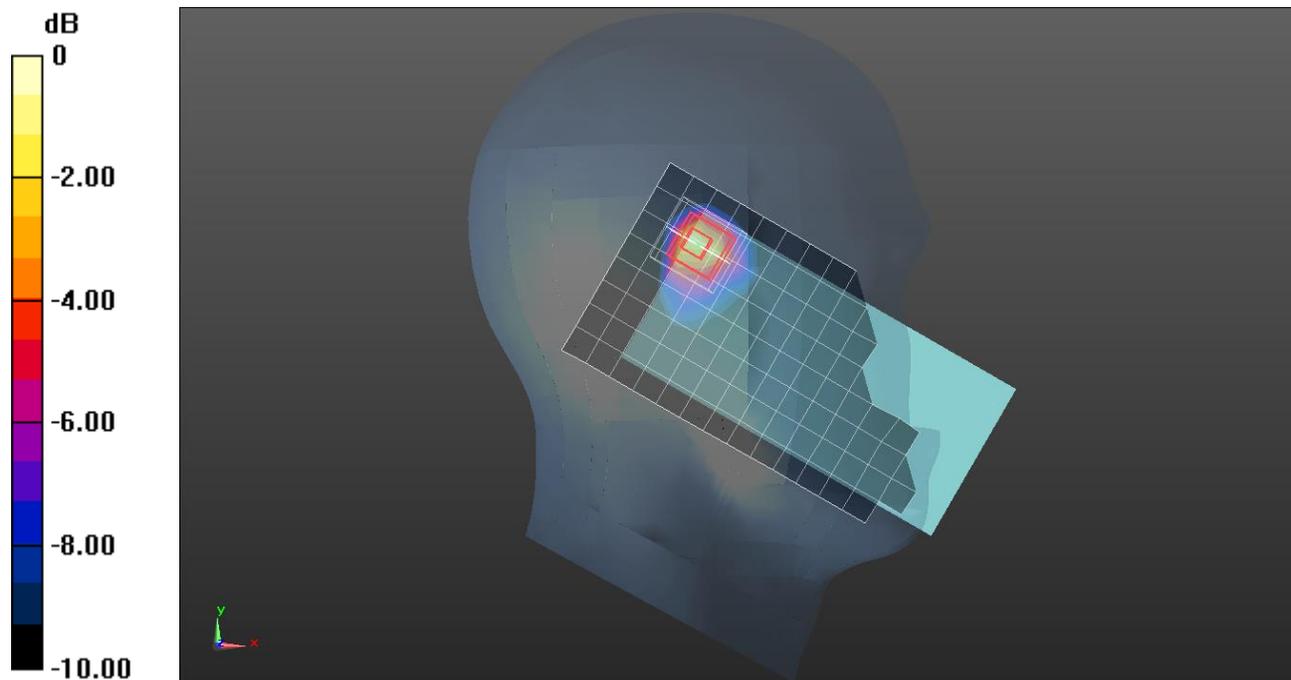
**LHS/Tilt\_\_bluetooth\_GFSK\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.639 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg