

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 40.353$ ;  $\rho = 1000$  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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.48, 8.48, 8.48); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

**RHS/Touch\_GSM Voice\_ch 190/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.263 W/kg

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

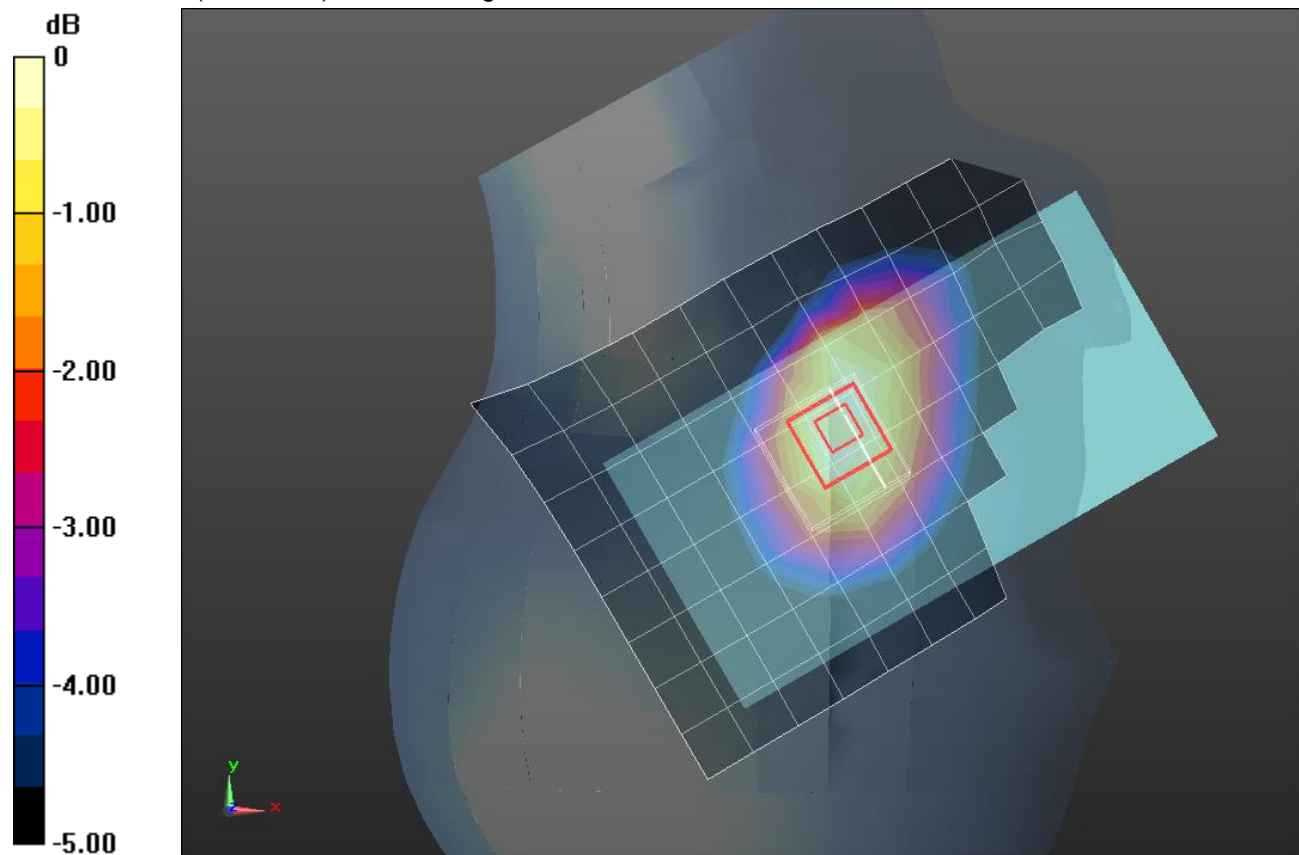
Reference Value = 17.48 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.183 W/kg**

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

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 40.353$ ;  $\rho = 1000$  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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.48, 8.48, 8.48); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

**RHS/Touch\_GPRS 2 Slots\_ch 190/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.392 W/kg

**RHS/Touch\_GPRS 2 Slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

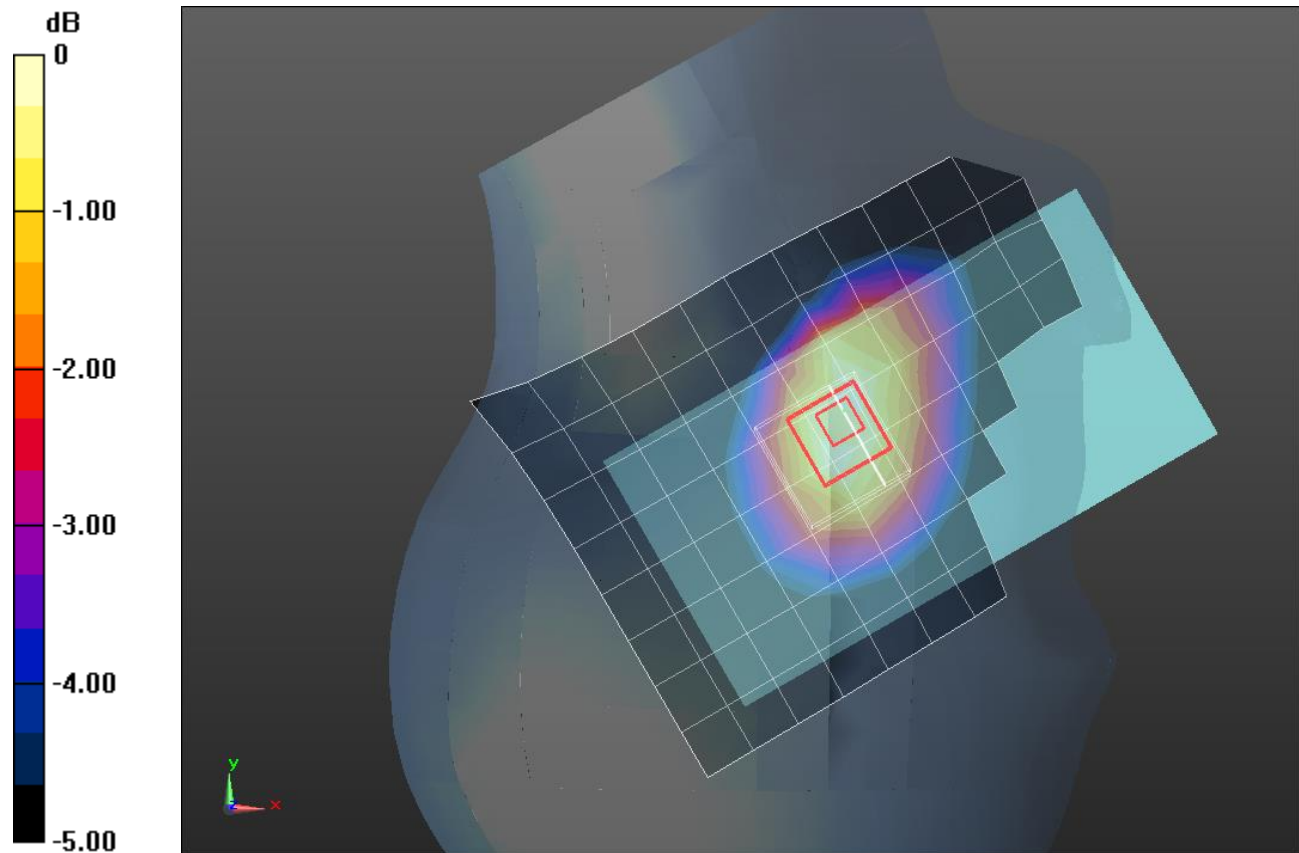
Reference Value = 21.04 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.438 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.270 W/kg**

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

Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

### GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.005$  S/m;  $\epsilon_r = 52.738$ ;  $\rho = 1000$  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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.26, 8.26, 8.26); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/GSM Voice only\_ch 190/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.461 W/kg

**Rear/GSM Voice only\_ch 190/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

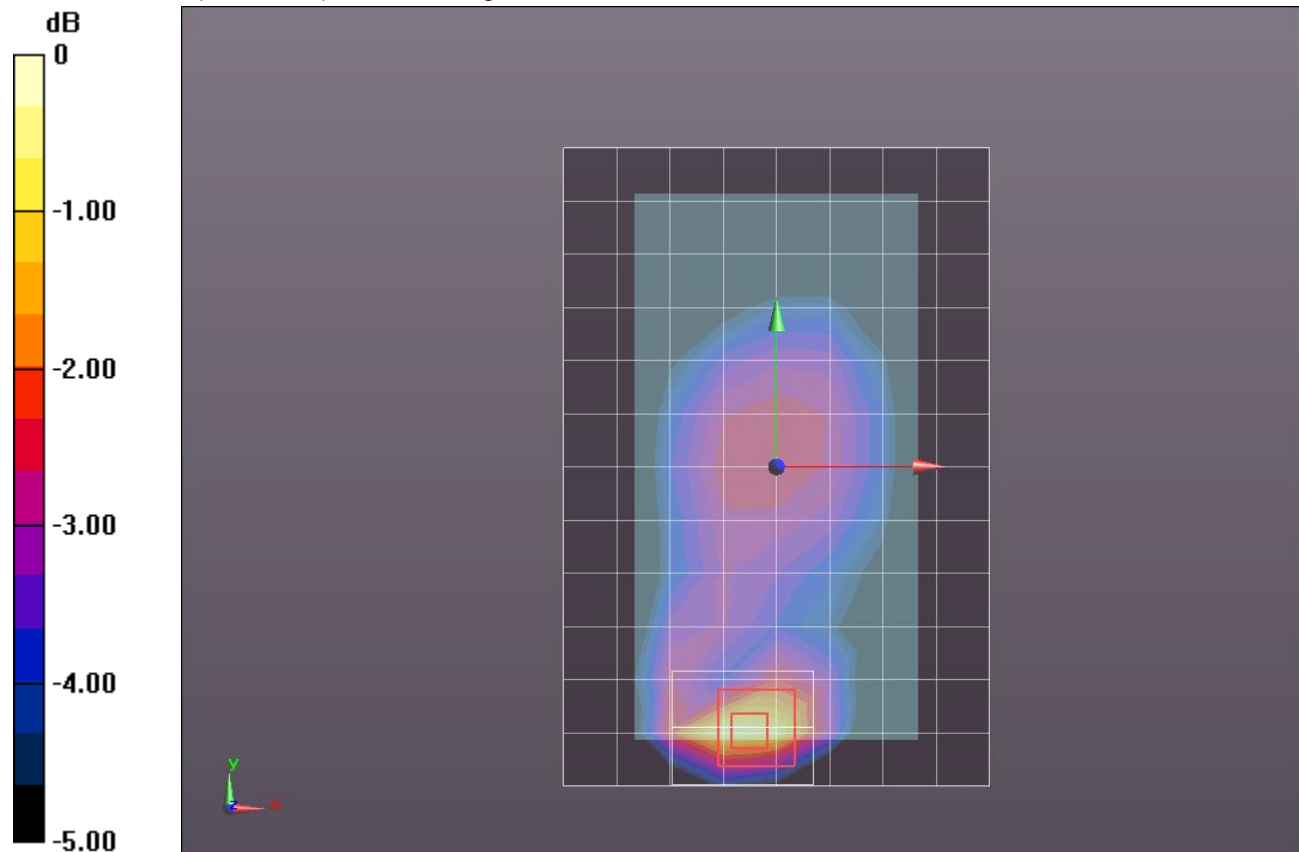
Reference Value = 22.03 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.648 W/kg

**SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.216 W/kg**

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

Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.492 W/kg = -3.08 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.005$  S/m;  $\epsilon_r = 52.738$ ;  $\rho = 1000$  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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.26, 8.26, 8.26); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/GPRS 2 slots\_ch 190/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.728 W/kg

**Rear/GPRS 2 slots\_ch 190/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

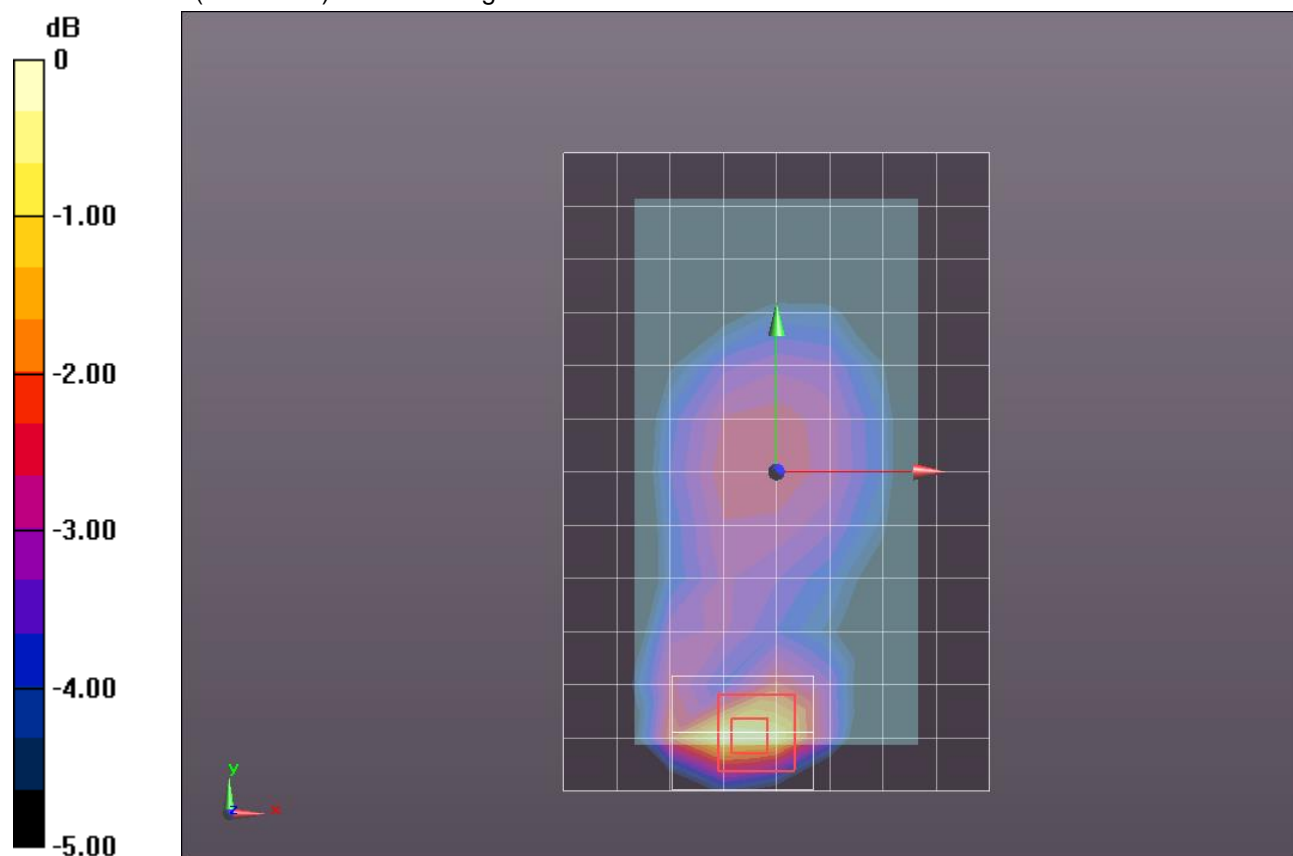
Reference Value = 27.48 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.339 W/kg**

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

Maximum value of SAR (measured) = 0.770 W/kg



0 dB = 0.770 W/kg = -1.14 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.363 \text{ S/m}$ ;  $\epsilon_r = 38.664$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.34, 7.34, 7.34); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_GSM Voice\_ch 661/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.232 W/kg

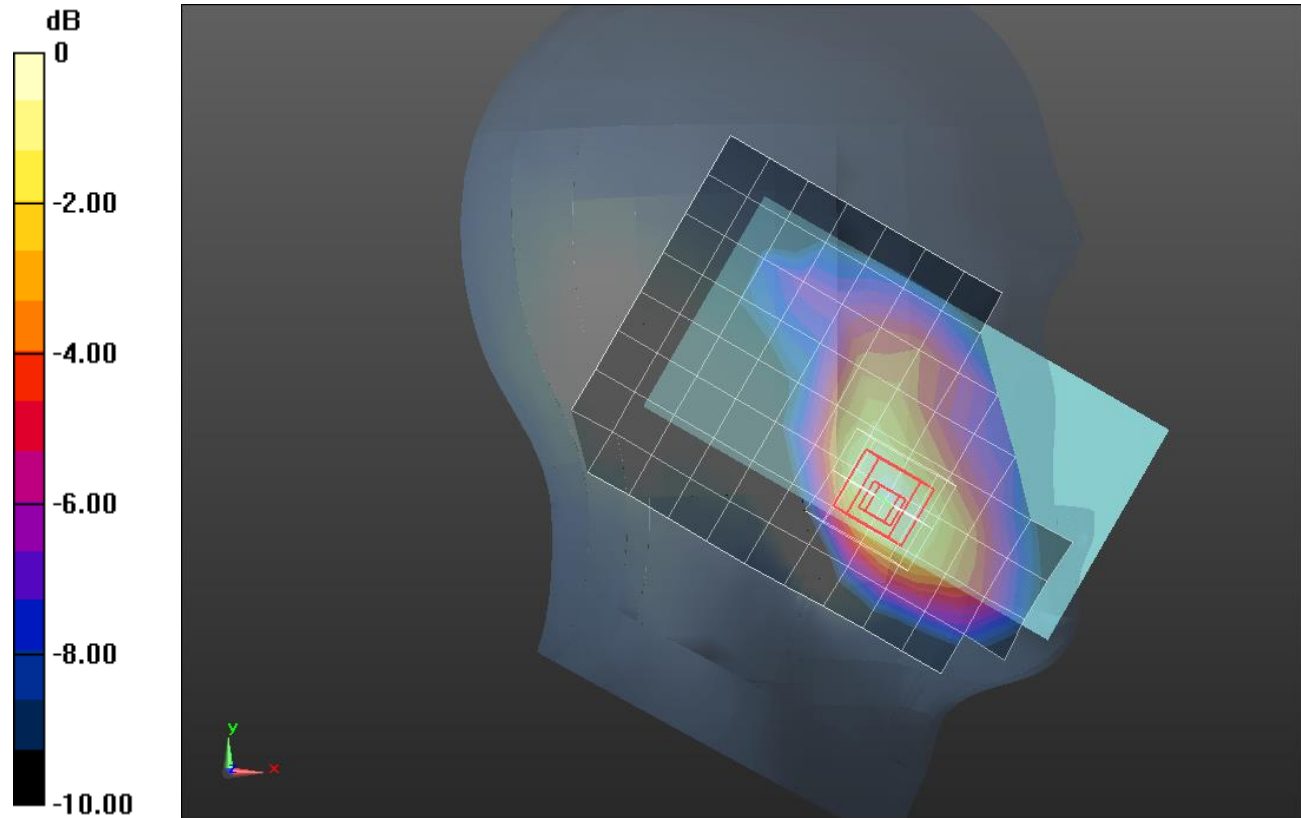
**LHS/Touch\_GSM Voice\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.91 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.363 \text{ S/m}$ ;  $\epsilon_r = 38.664$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.34, 7.34, 7.34); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_GPRS 2 Slots\_ch 661/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.308 W/kg

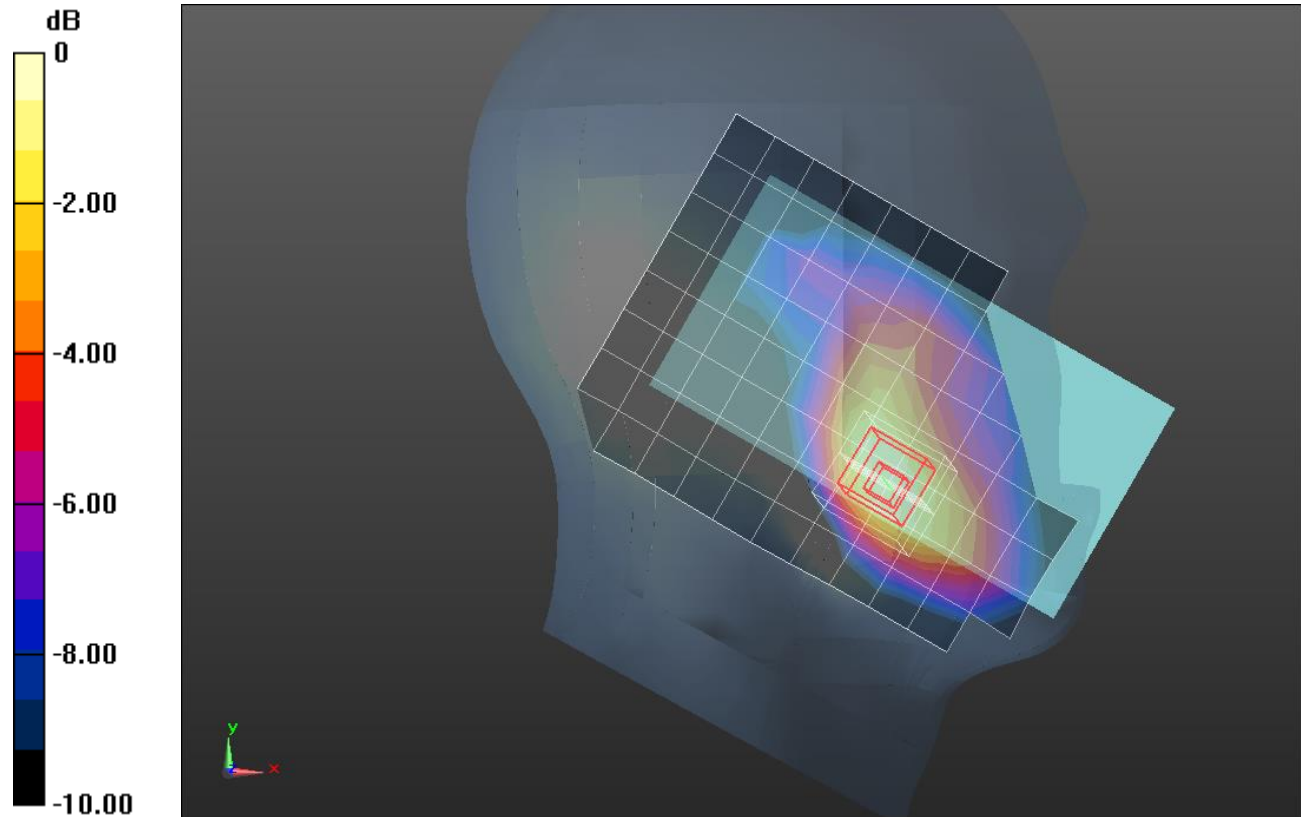
**LHS/Touch\_GPRS 2 Slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.01 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.441 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.479 \text{ S/m}$ ;  $\epsilon_r = 51.097$ ;  $\rho = 1000 \text{ kg/m}^3$   
 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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.09, 7.09, 7.09); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Rear/GSM Voice only\_ch 661/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.284 W/kg

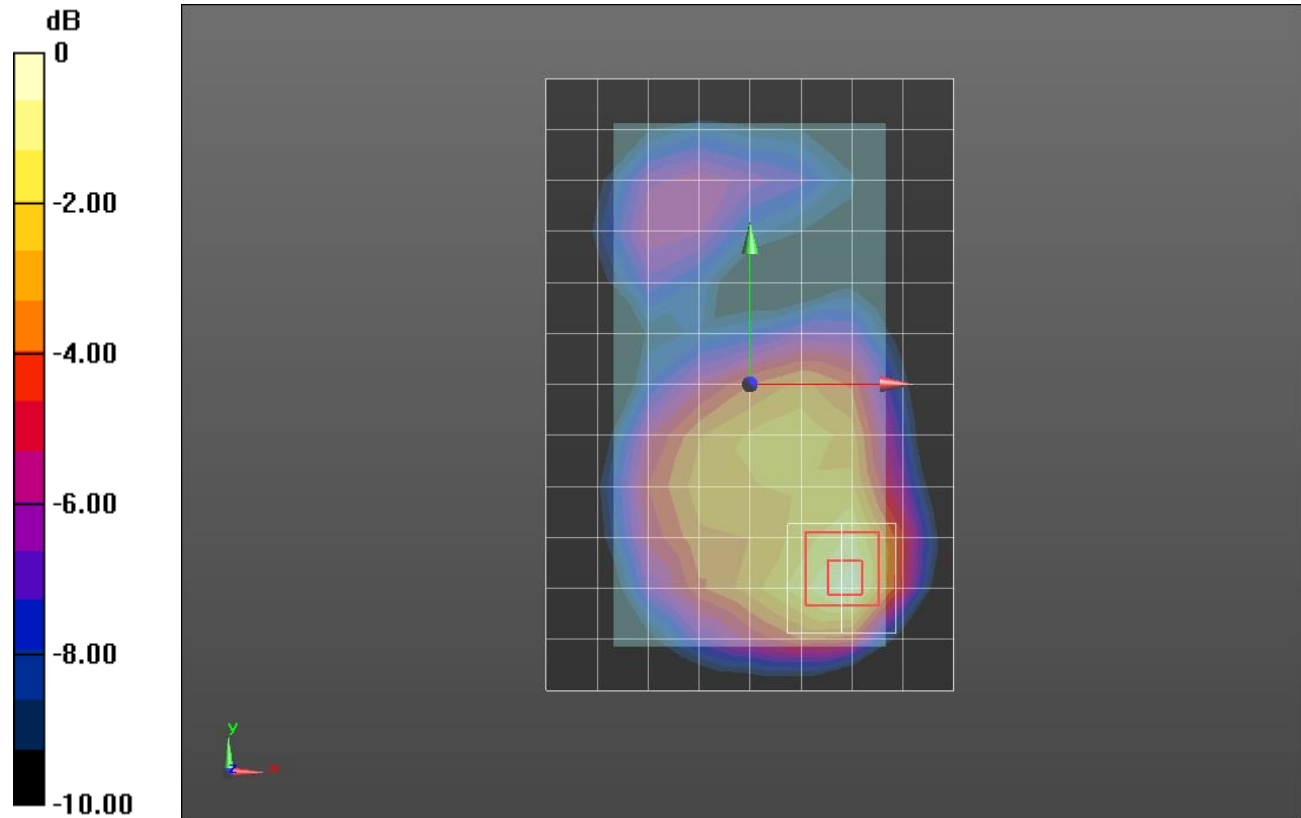
**Rear/GSM Voice only\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.01 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.397 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

### GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.479 \text{ S/m}$ ;  $\epsilon_r = 51.097$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.09, 7.09, 7.09); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Rear/GPRS 2 slots\_ch 661/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.410 W/kg

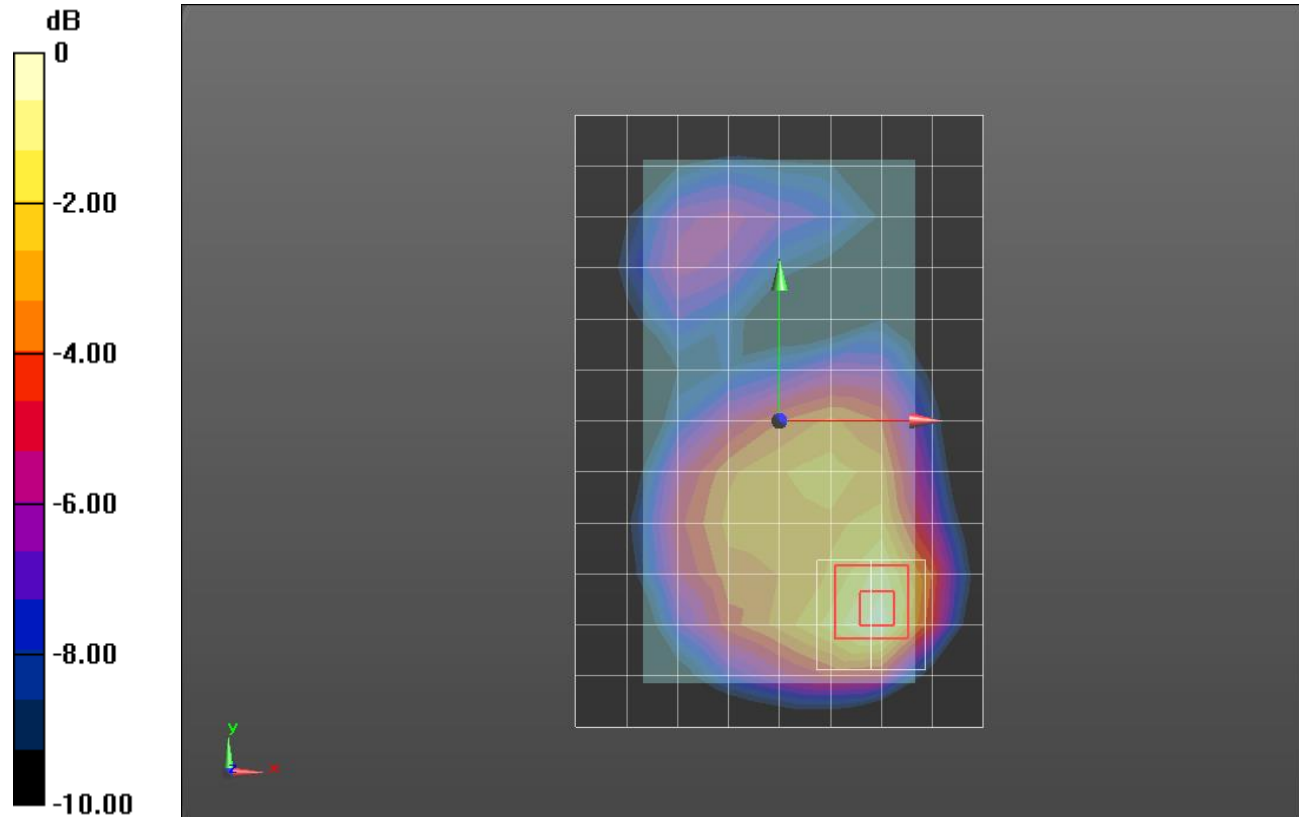
**Rear/GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.65 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.574 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg



## WCDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.363 \text{ S/m}$ ;  $\epsilon_r = 38.664$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.34, 7.34, 7.34); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_Rel. 99 RMC 12.2kbps\_ch 9400/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.738 W/kg

**LHS/Touch\_Rel. 99 RMC 12.2kbps\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

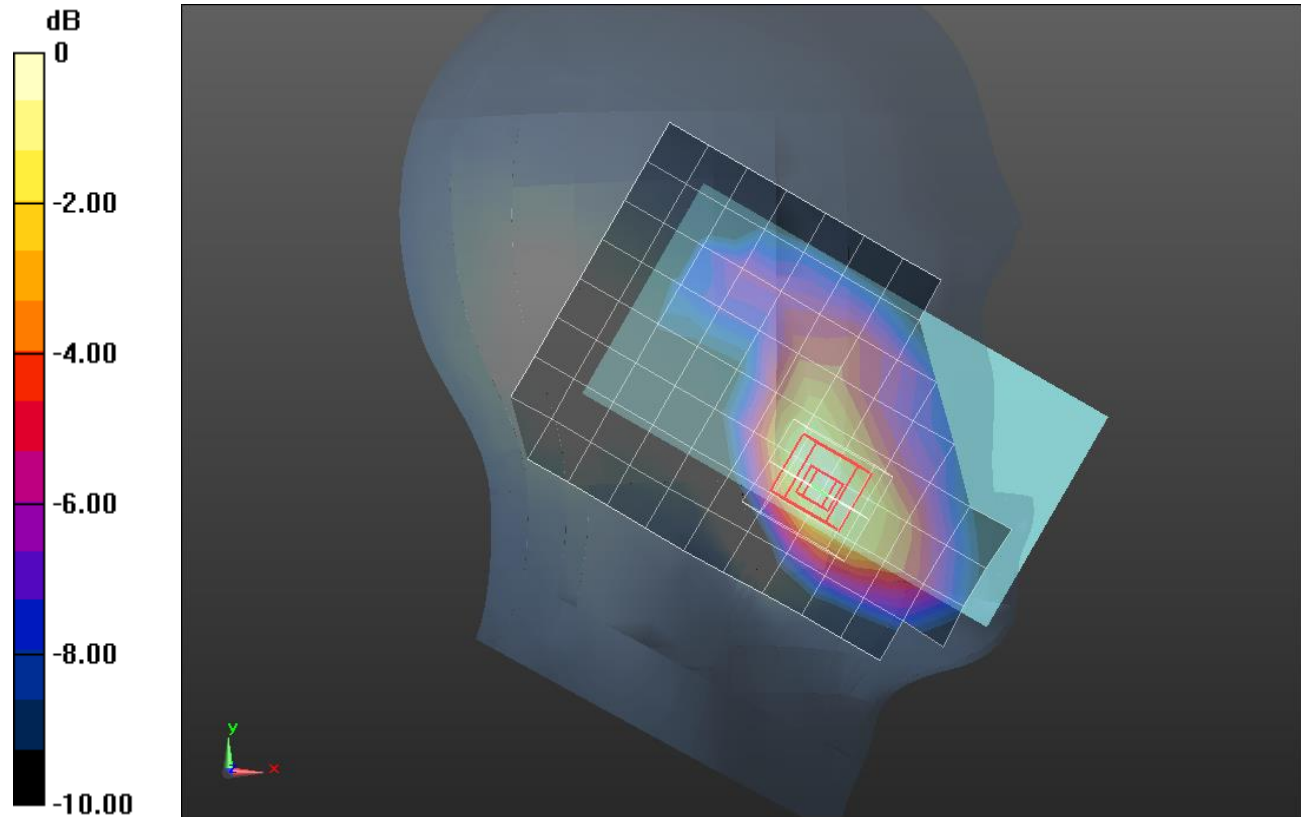
dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.12 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.400 W/kg**

Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.808 W/kg = -0.93 dBW/kg

## WCDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.479 \text{ S/m}$ ;  $\epsilon_r = 51.097$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.09, 7.09, 7.09); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Rear/Rel. 99 RMC 12.2kbps\_ch 9400/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.822 W/kg

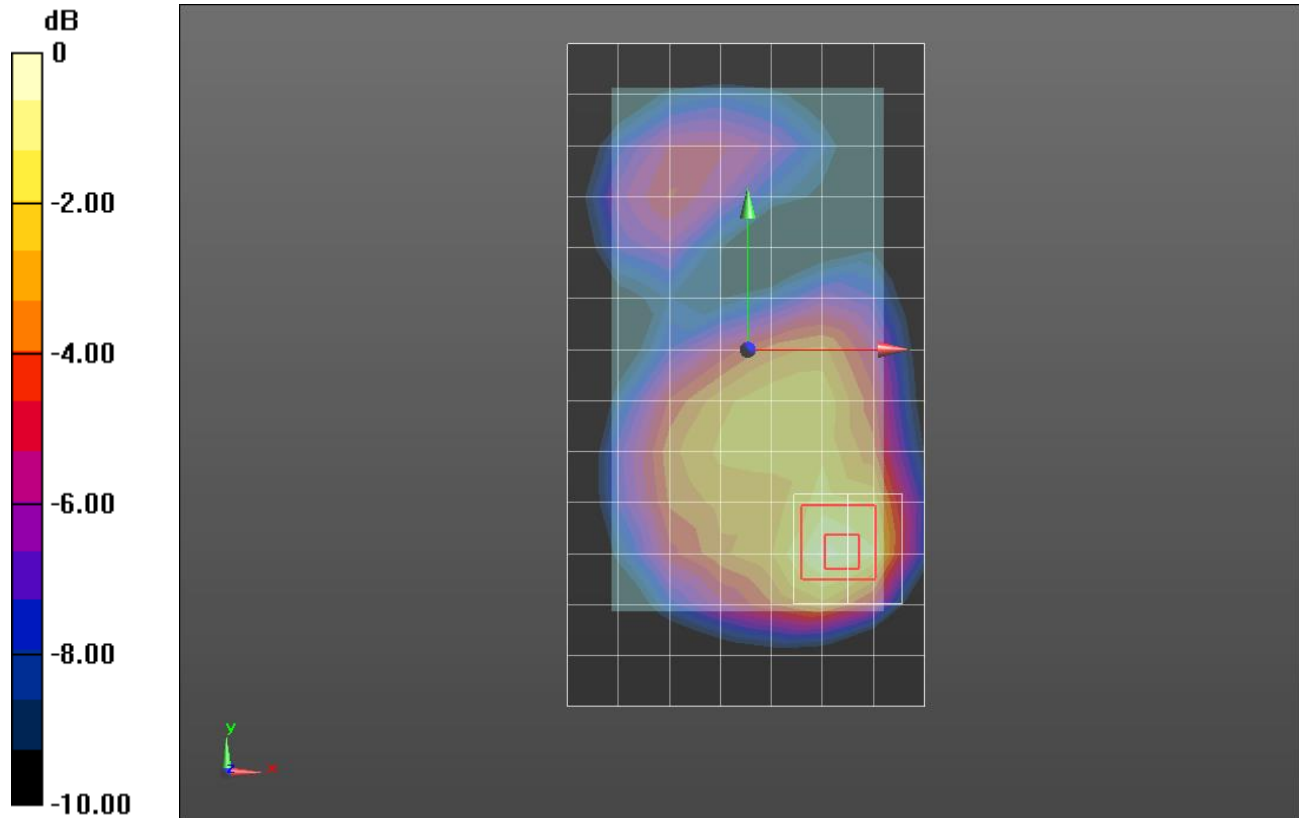
**Rear/Rel. 99 RMC 12.2kbps\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.82 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.391 W/kg**

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



0 dB = 0.897 W/kg = -0.47 dBW/kg

## WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 40.353$ ;  $\rho = 1000$  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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.48, 8.48, 8.48); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

**RHS/Touch\_Rel. 99 RMC 12.2kbps\_ch 4183/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.333 W/kg

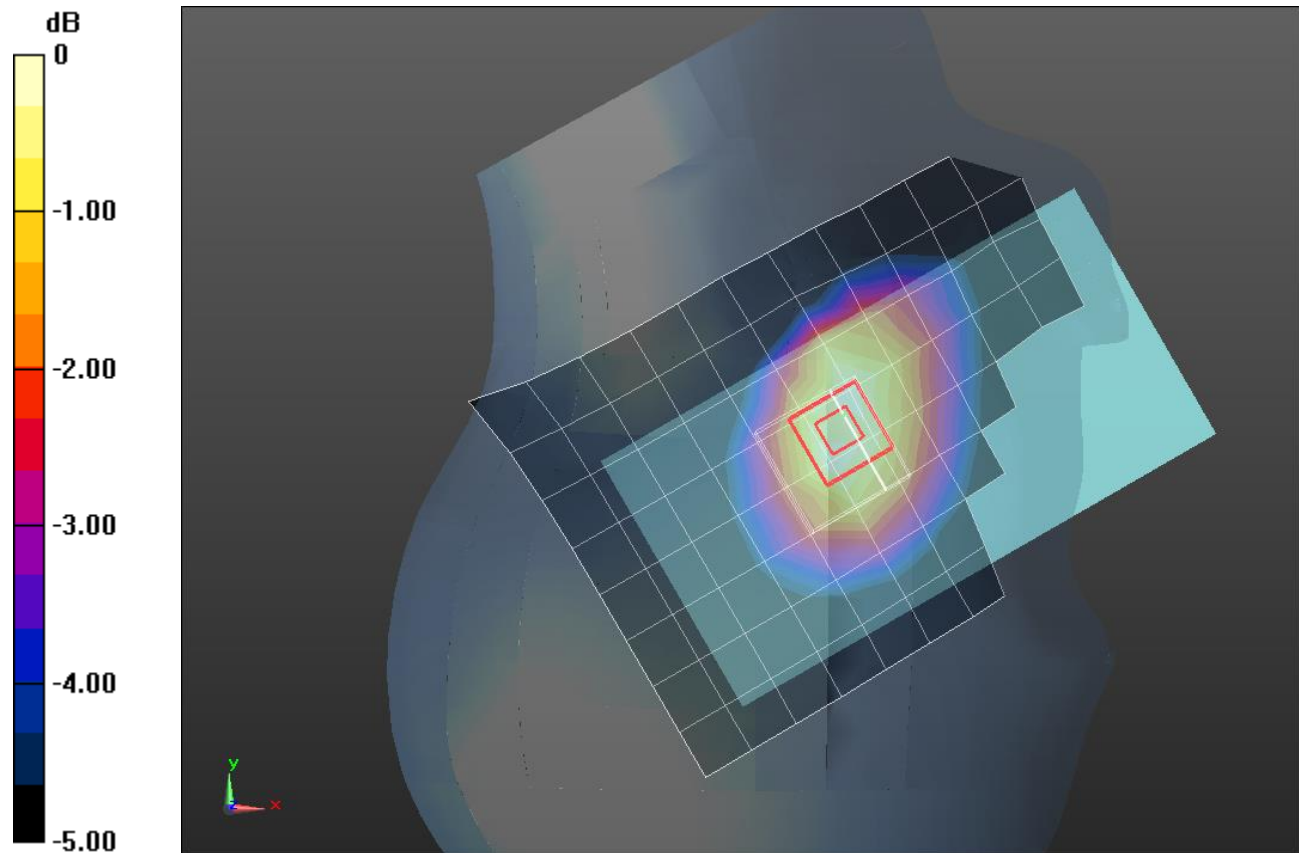
**RHS/Touch\_Rel. 99 RMC 12.2kbps\_ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.53 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.377 W/kg

**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.231 W/kg**

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



0 dB = 0.333 W/kg = -4.78 dBW/kg

## WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 1.005 \text{ S/m}$ ;  $\epsilon_r = 52.738$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.26, 8.26, 8.26); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/Rel. 99 RMC 12.2kbps\_ch 4183/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.672 W/kg

**Rear/Rel. 99 RMC 12.2kbps\_ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

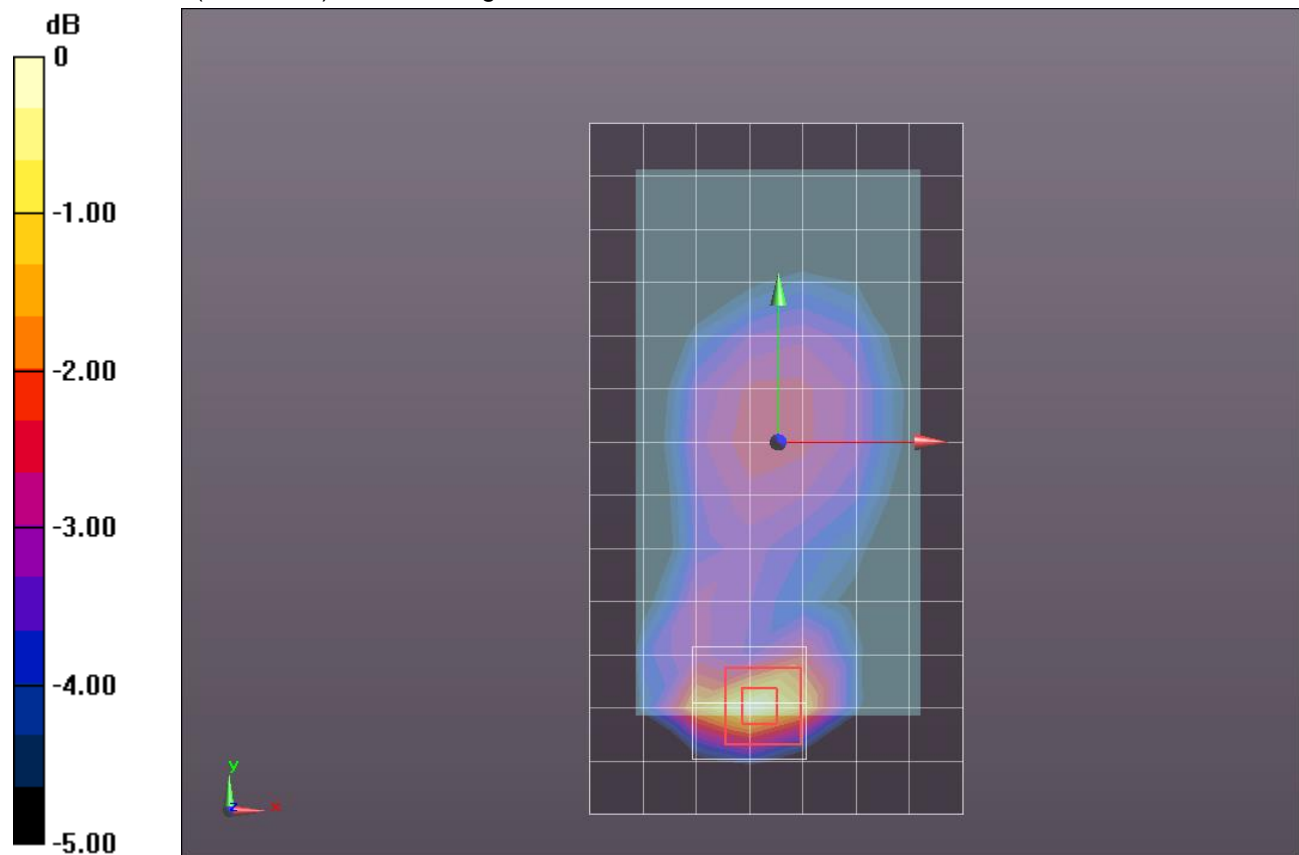
Reference Value = 26.42 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.887 W/kg

**SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.293 W/kg**

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

Maximum value of SAR (measured) = 0.667 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

## LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.363 \text{ S/m}$ ;  $\epsilon_r = 38.664$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.34, 7.34, 7.34); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_QPSK\_RB 1/0\_\_ch 18900/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

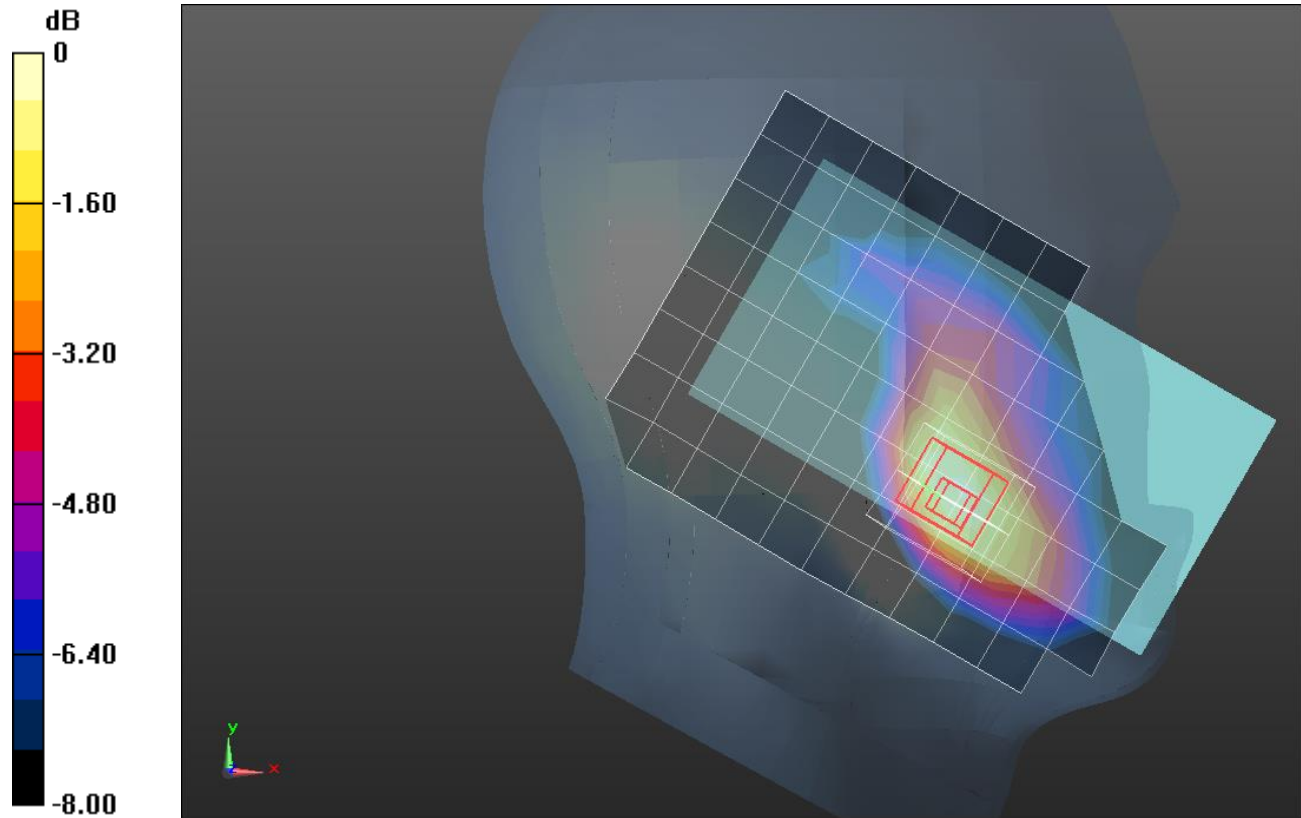
**LHS/Touch\_QPSK\_RB 1/0\_\_ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.19 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.927 W/kg

**SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.371 W/kg**

Maximum value of SAR (measured) = 0.734 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

## LTE Band 2

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 50.977$ ;  $\rho = 1000$  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 Sn1434; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3749; ConvF(7.09, 7.09, 7.09); Calibrated: 1/26/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Rear/QPSK RB 1/49 ch 19100/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.11 W/kg

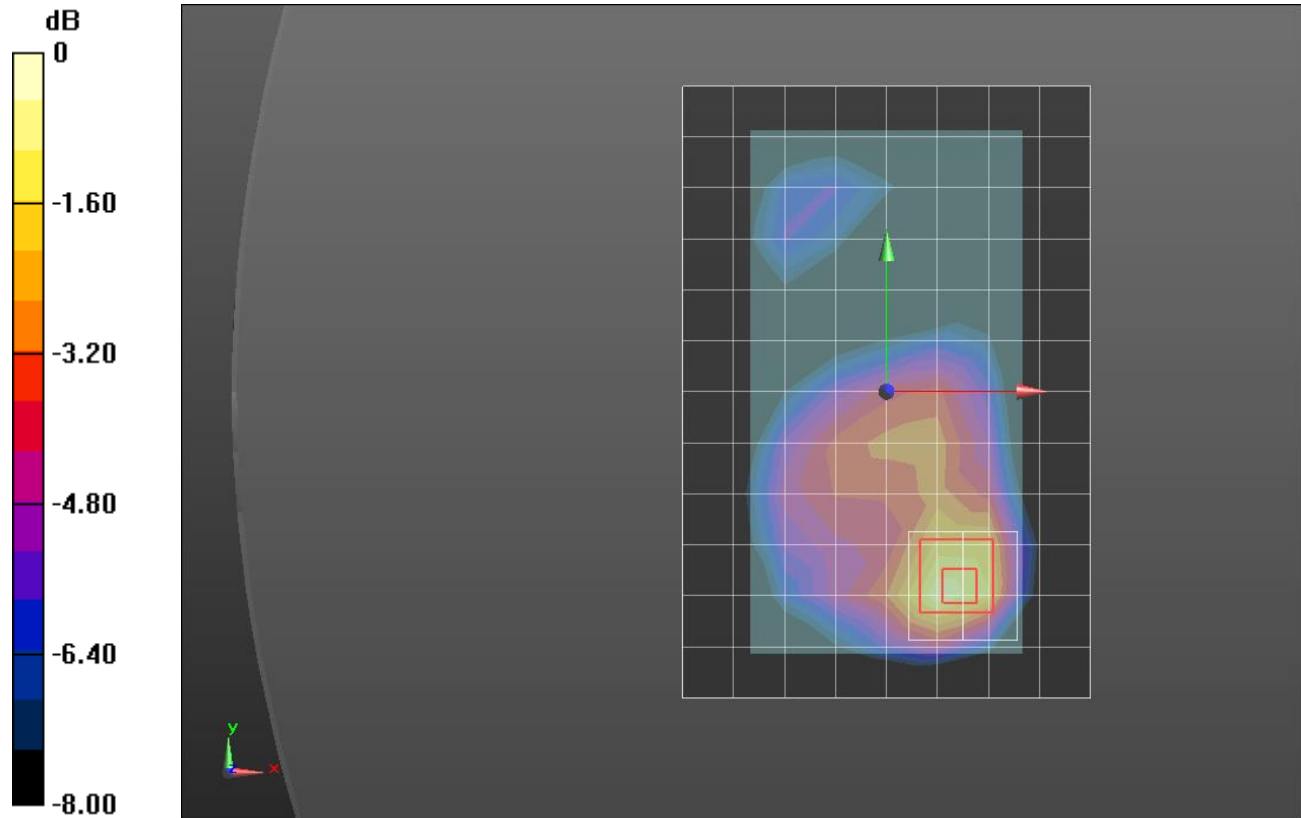
**Rear/QPSK RB 1/49 ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.41 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.524 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

## LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.312$  S/m;  $\epsilon_r = 38.581$ ;  $\rho = 1000$  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: 1/14/2015
- Probe: EX3DV4 - SN3990; ConvF(8.7, 8.7, 8.7); Calibrated: 3/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_QPSK RB 1,0\_ch 20175/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.792 W/kg

**LHS/Touch\_QPSK RB 1,0\_ch 20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.511 V/m; Power Drift = 0.03 dB

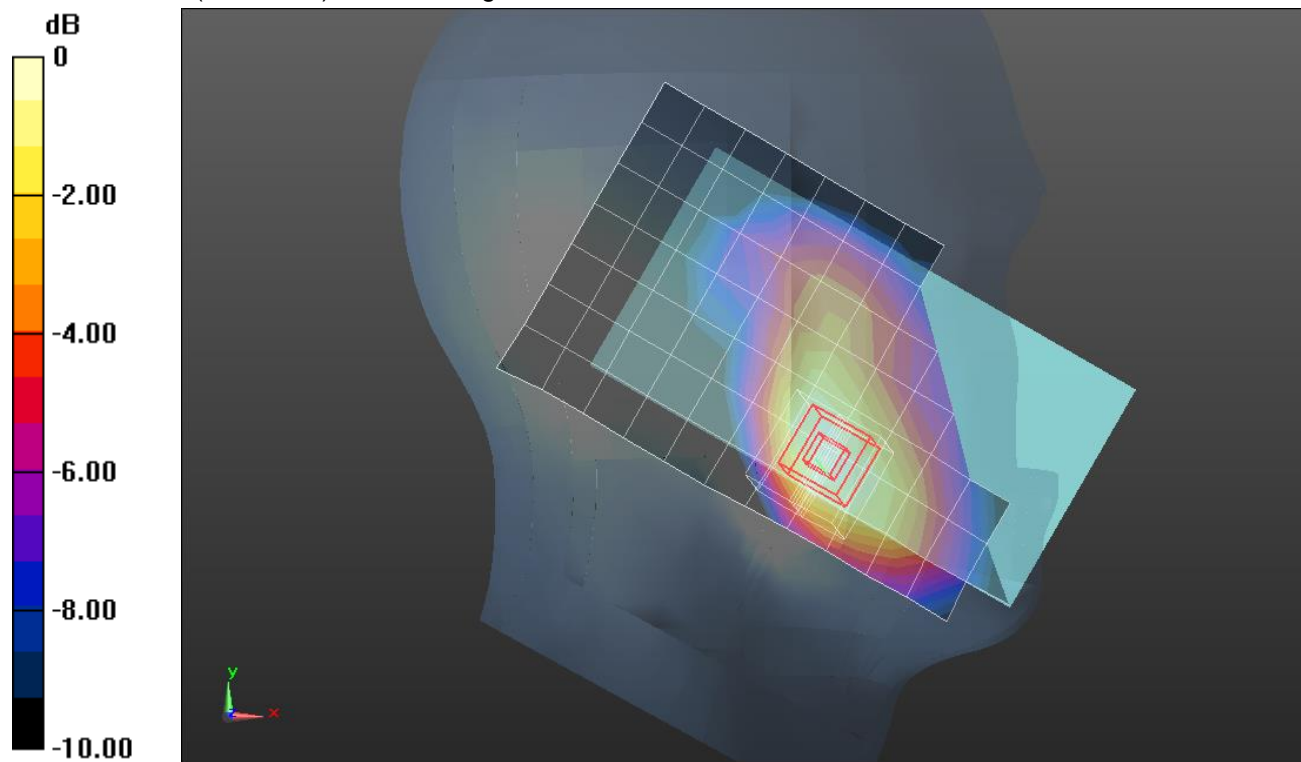
Peak SAR (extrapolated) = 0.983 W/kg

Peak SAR (extrapolated) = 0.983 W/kg

**SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.428 W/kg**

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

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



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

## LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.312$  S/m;  $\epsilon_r = 38.581$ ;  $\rho = 1000$  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: 1/14/2015
- Probe: EX3DV4 - SN3990; ConvF(8.7, 8.7, 8.7); Calibrated: 3/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

**Rear/QPSK RB 1,0 Ch 20175/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.773 W/kg

**Rear/QPSK RB 1,0 Ch 20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

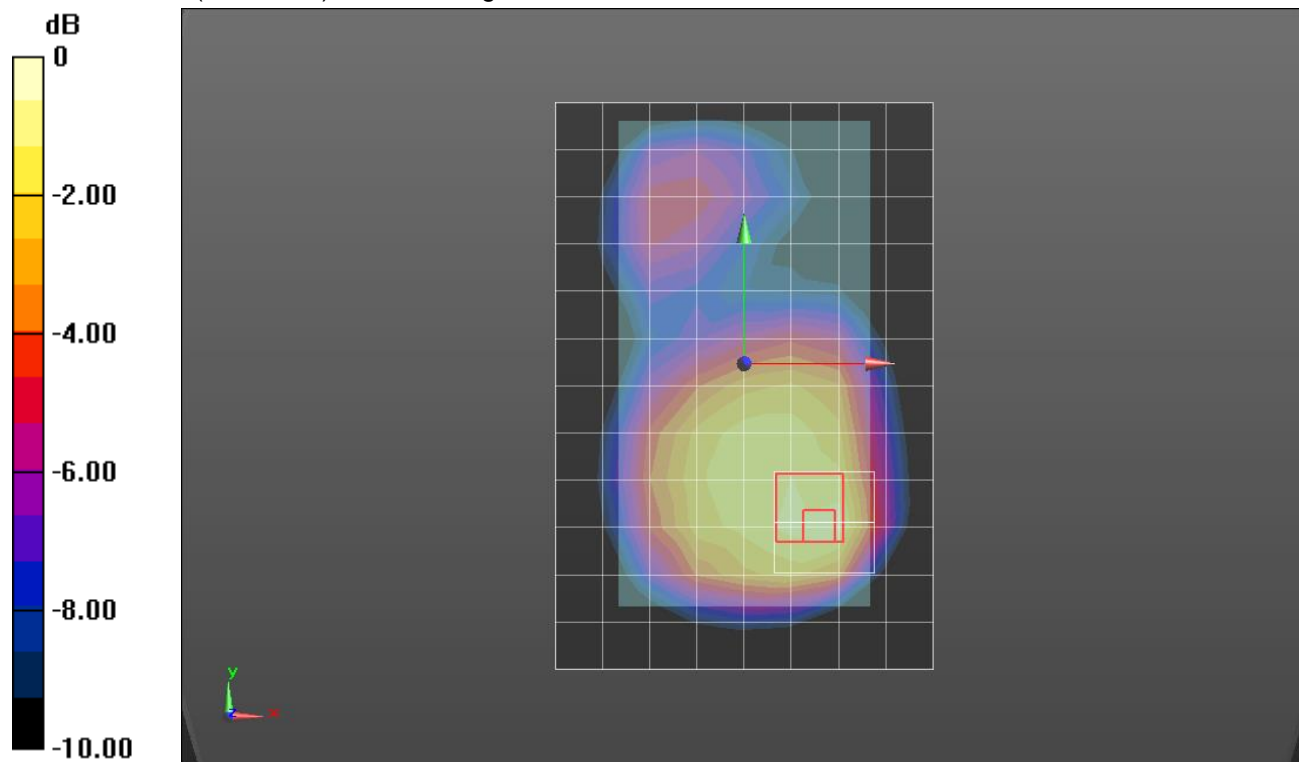
Reference Value = 25.248 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.447 W/kg**

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

Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 0.926 W/kg = -0.33 dBW/kg



## LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 40.355$ ;  $\rho = 1000$  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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.48, 8.48, 8.48); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

**RHS/Touch\_QPSK Ch 20525 RB 1/49/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.344 W/kg

**RHS/Touch\_QPSK Ch 20525 RB 1/49/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

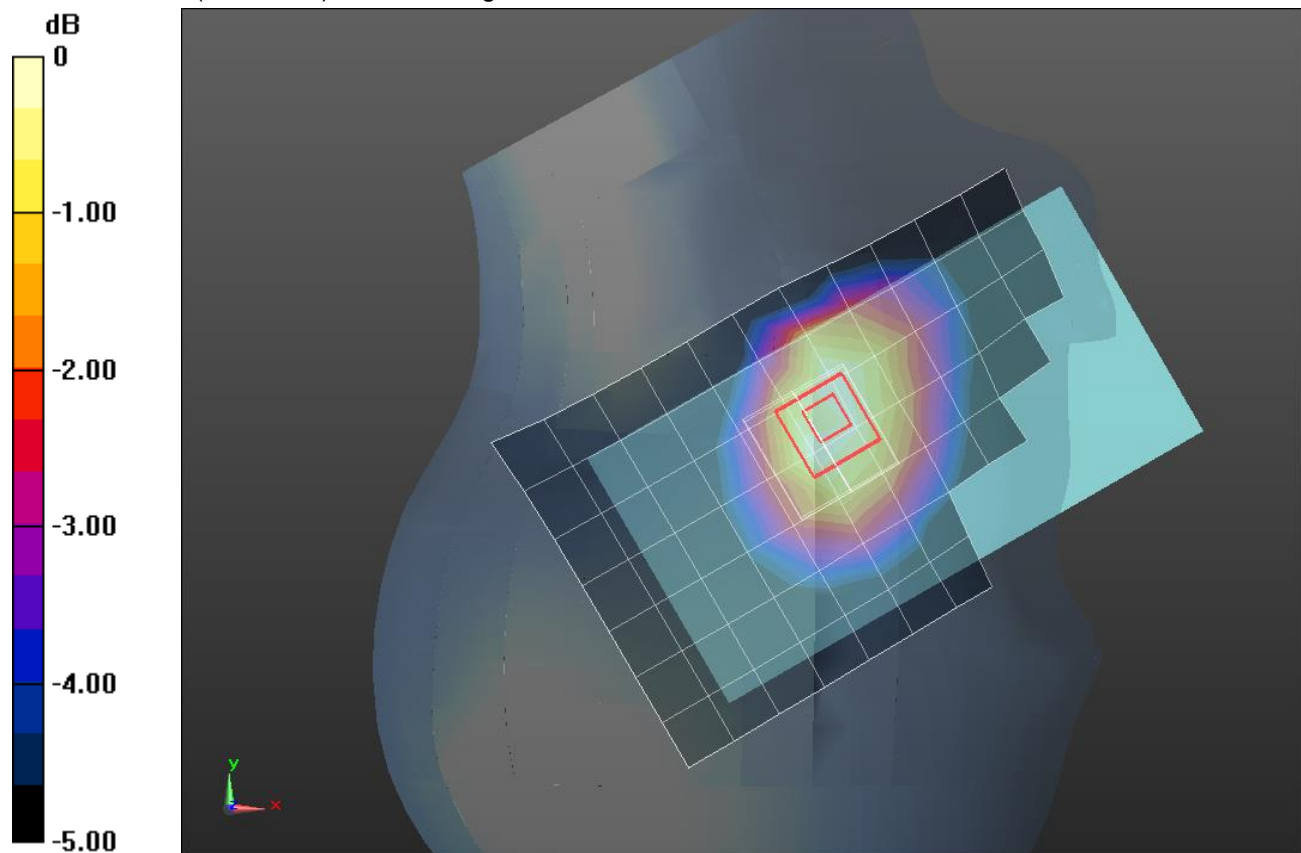
Reference Value = 19.78 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.237 W/kg**

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

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg = -4.65 dBW/kg

## LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 1.005$  S/m;  $\epsilon_r = 52.737$ ;  $\rho = 1000$  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 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(8.26, 8.26, 8.26); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/QPSK Ch 20525 RB 1/49/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.686 W/kg

**Rear/QPSK Ch 20525 RB 1/49/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

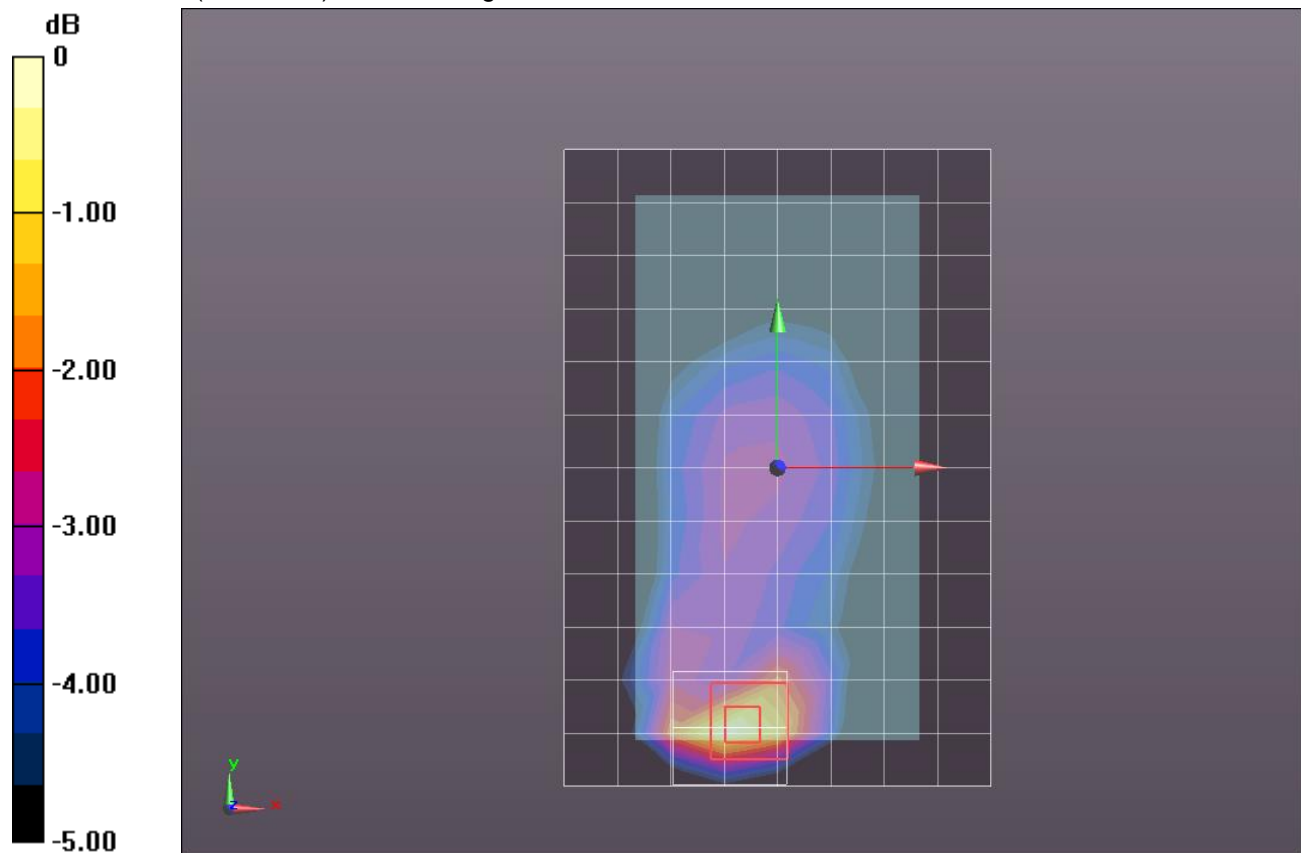
Reference Value = 26.37 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.929 W/kg

**SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.308 W/kg**

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

Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.701 W/kg = -1.54 dBW/kg

## LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.884$  S/m;  $\epsilon_r = 41.709$ ;  $\rho = 1000$  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: 1/14/2015
- Probe: EX3DV4 - SN3990; ConvF(10.45, 10.45, 10.45); Calibrated: 3/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_QPSK RB 1/49\_ch 23095/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.230 W/kg

**RHS/Touch\_QPSK RB 1/49\_ch 23095/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

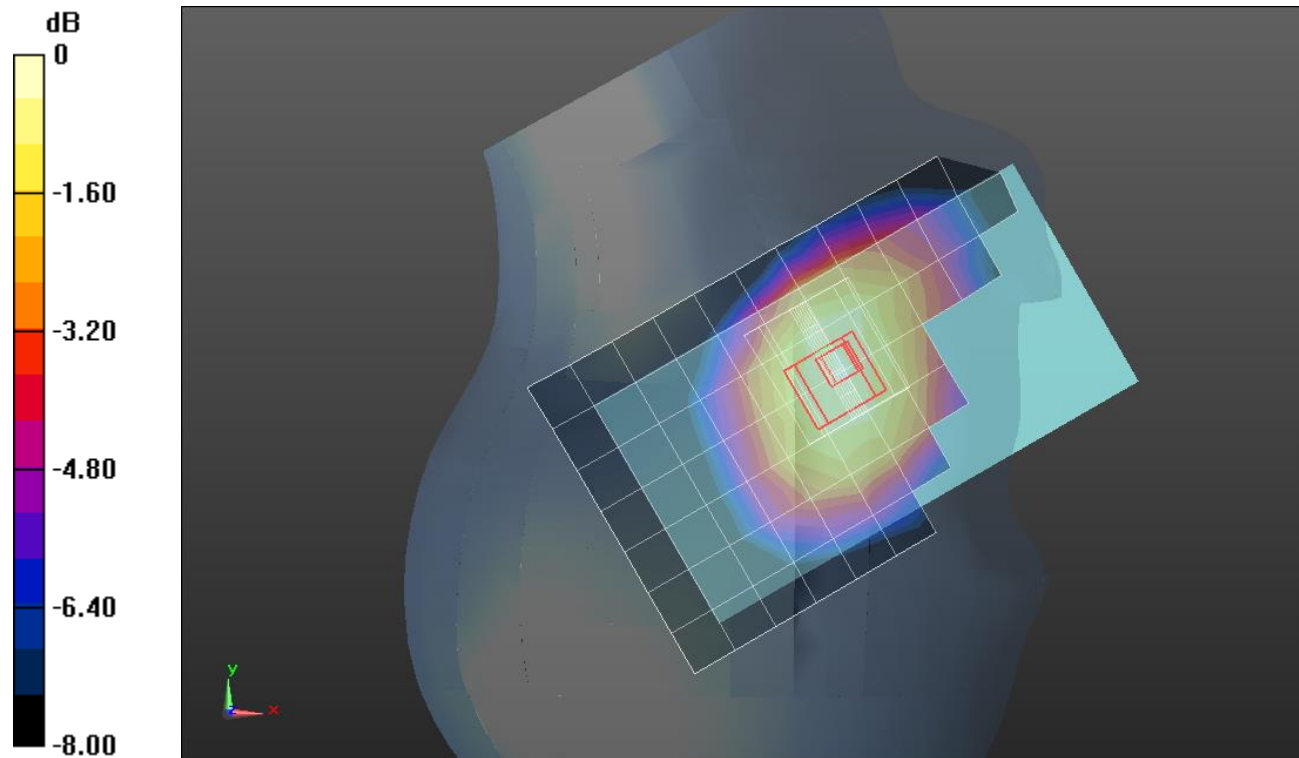
Reference Value = 16.361 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.277 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.178 W/kg**

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

Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

## LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 53.93$ ;  $\rho = 1000$  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: 1/14/2015
- Probe: EX3DV4 - SN3990; ConvF(10.09, 10.09, 10.09); Calibrated: 3/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

**Rear/QPSK RB 1/49\_ch 23095/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.455 W/kg

**Rear/QPSK RB 1/49\_ch 23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.321 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.329 W/kg**

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

Maximum value of SAR (measured) = 0.466 W/kg

**Rear/QPSK RB 1/49\_ch 23095/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

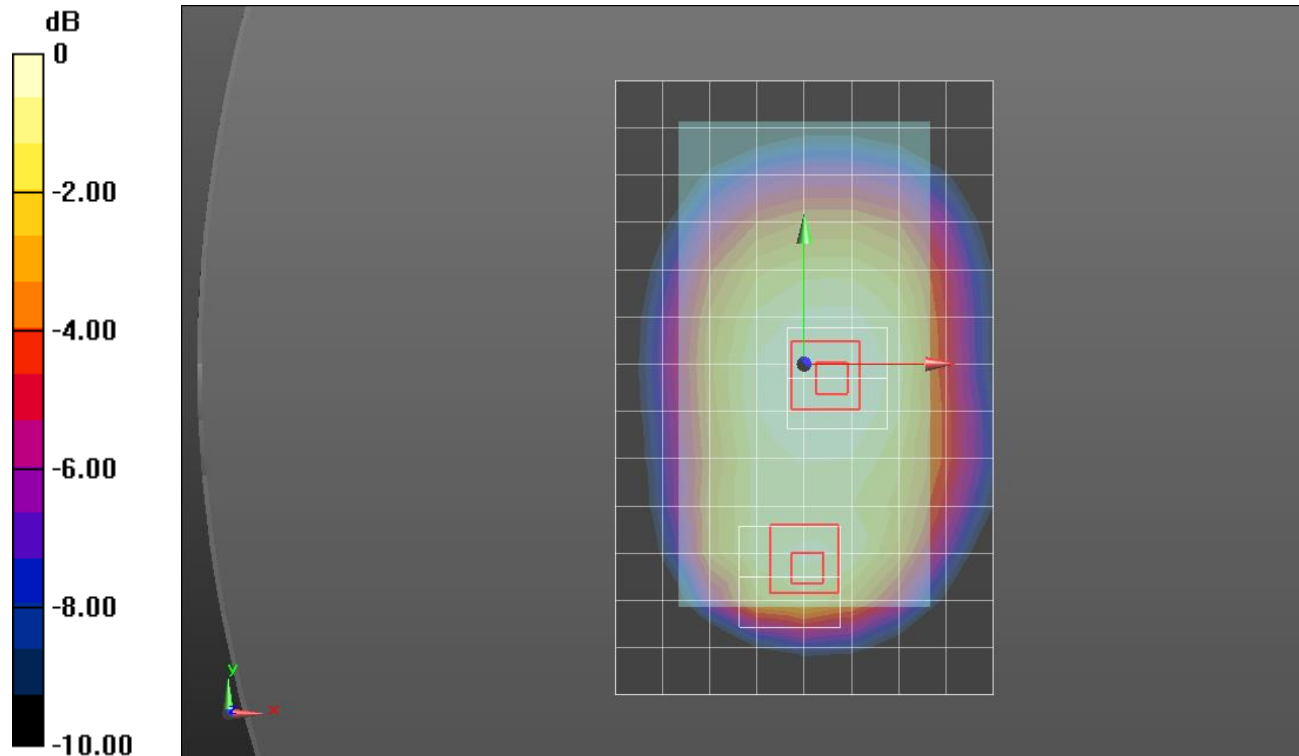
Reference Value = 17.321 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.571 W/kg

**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.229 W/kg**

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

Maximum value of SAR (measured) = 0.440 W/kg



0 dB = 0.440 W/kg = -3.57 dBW/kg

## LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 53.93$ ;  $\rho = 1000$  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: 1/14/2015
- Probe: EX3DV4 - SN3990; ConvF(10.09, 10.09, 10.09); Calibrated: 3/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

**Edge 2/QPSK RB 1/49\_ch 23095/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.556 W/kg

**Edge 2/QPSK RB 1/49\_ch 23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

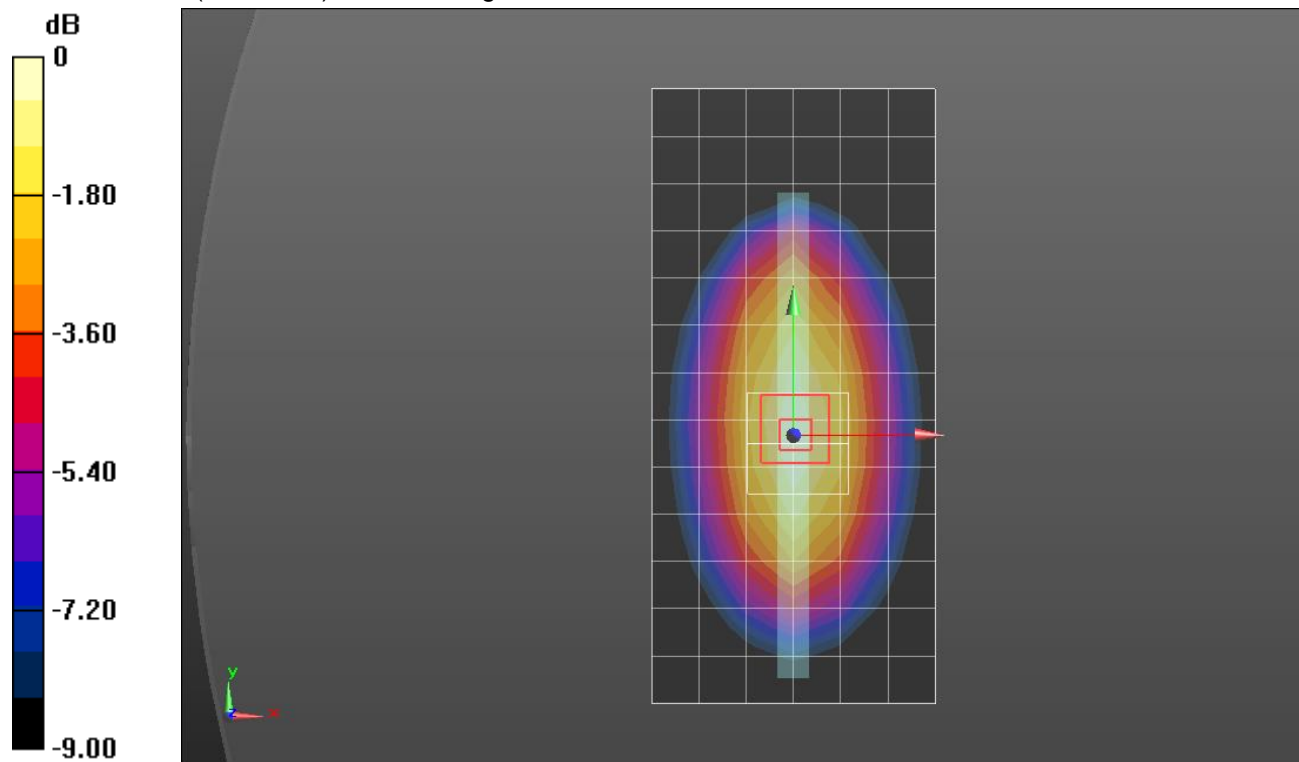
Reference Value = 24.982 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.342 W/kg**

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

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

## LTE Band 30

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2310 \text{ MHz}$ ;  $\sigma = 1.726 \text{ S/m}$ ;  $\epsilon_r = 37.865$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1352; Calibrated: 11/7/2014
- Probe: EX3DV4 - SN7356; ConvF(8.23, 8.23, 8.23); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

**LHS/Touch\_QPSK RB 1/0 ch\_27710/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.336 W/kg

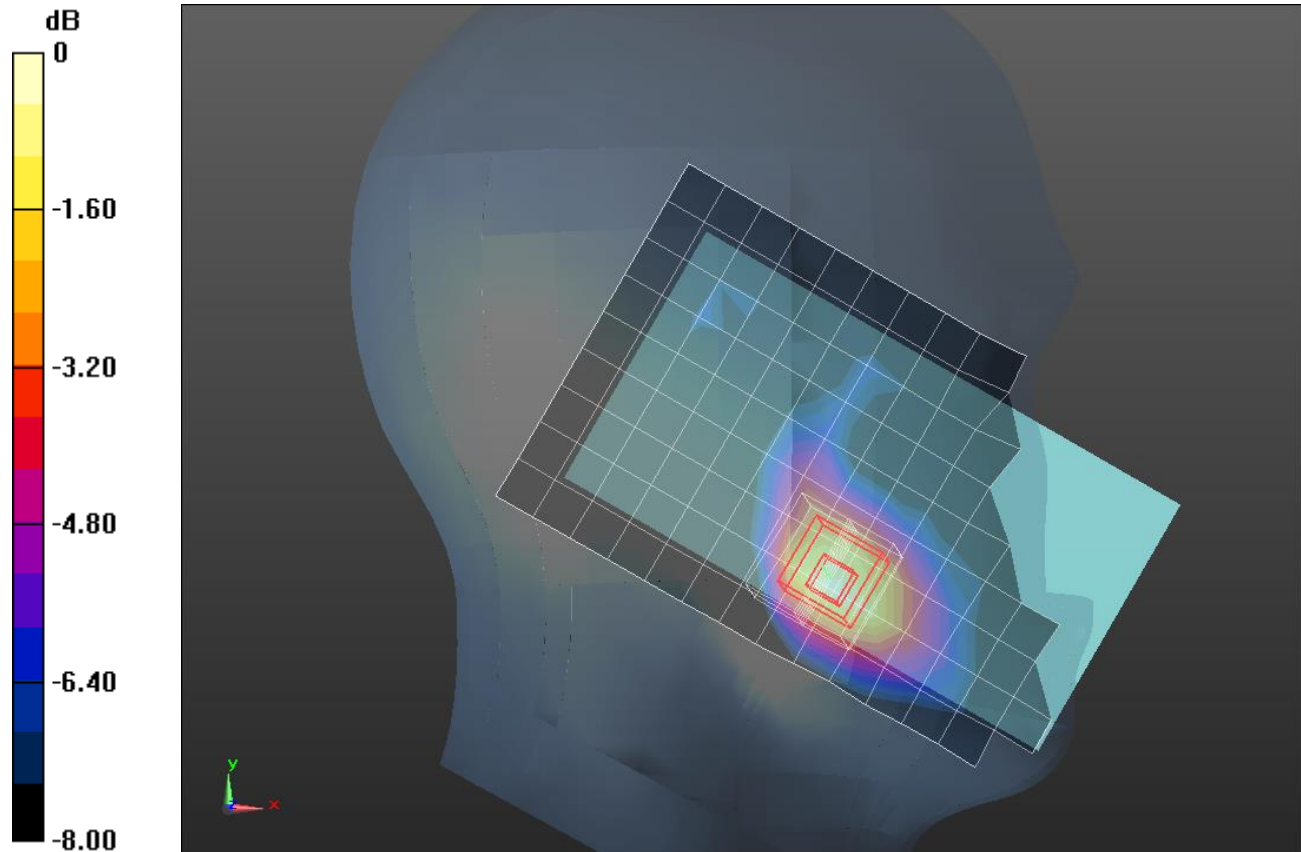
**LHS/Touch\_QPSK RB 1/0 ch\_27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.801 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.451 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

### LTE Band 30

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2310 \text{ MHz}$ ;  $\sigma = 1.878 \text{ S/m}$ ;  $\epsilon_r = 52.449$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1352; Calibrated: 11/7/2014
- Probe: EX3DV4 - SN7356; ConvF(7.83, 7.83, 7.83); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

**Front/QPSK 1/0\_ch 27710/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.302 W/kg

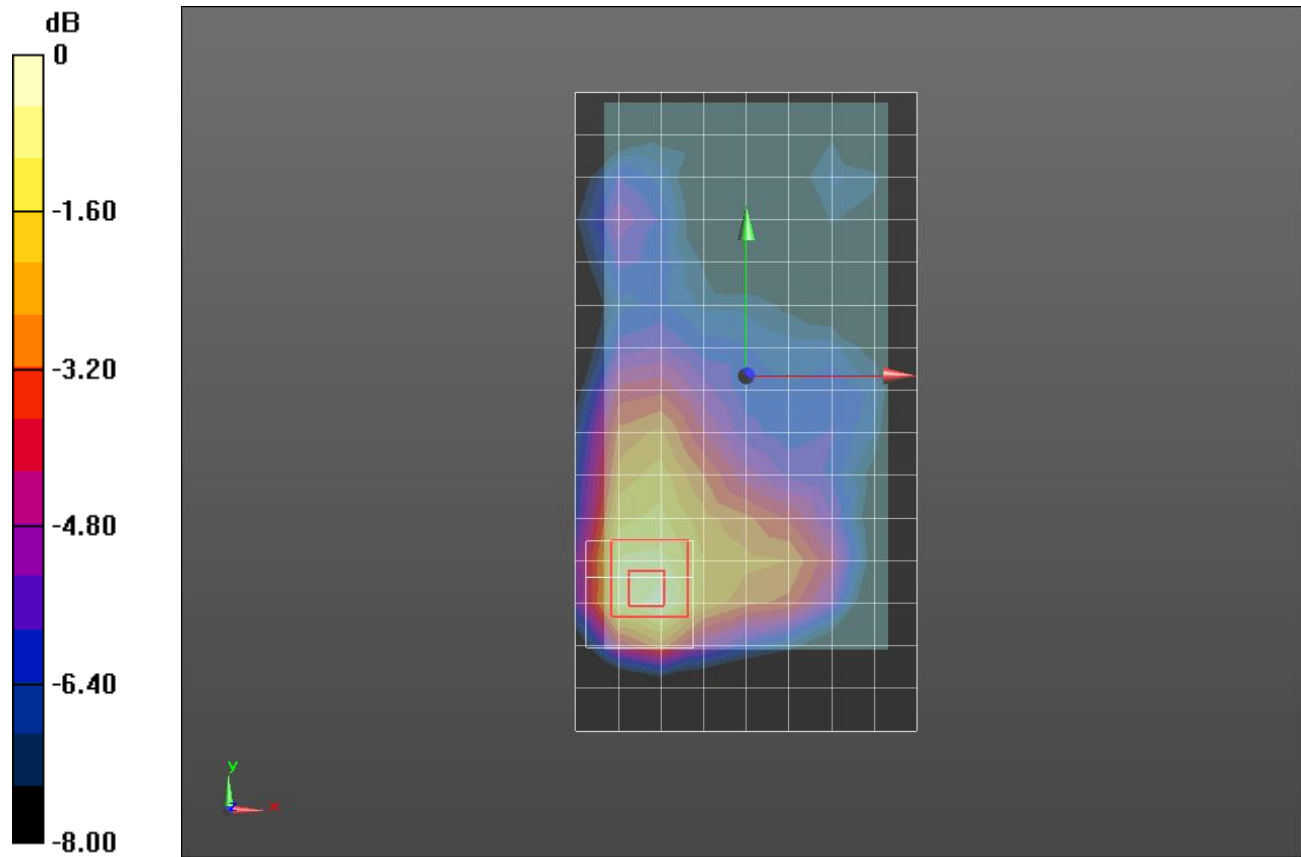
**Front/QPSK 1/0\_ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.707 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.455 W/kg

**SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.130 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

## WiFi 2.4GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.86 \text{ S/m}$ ;  $\epsilon_r = 37.319$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1352; Calibrated: 11/7/2014
- Probe: EX3DV4 - SN7356; ConvF(7.89, 7.89, 7.89); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

**LHS/Touch\_802.11b\_ch 6/Core 0/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.596 W/kg

**LHS/Touch\_802.11b\_ch 6/Core 0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

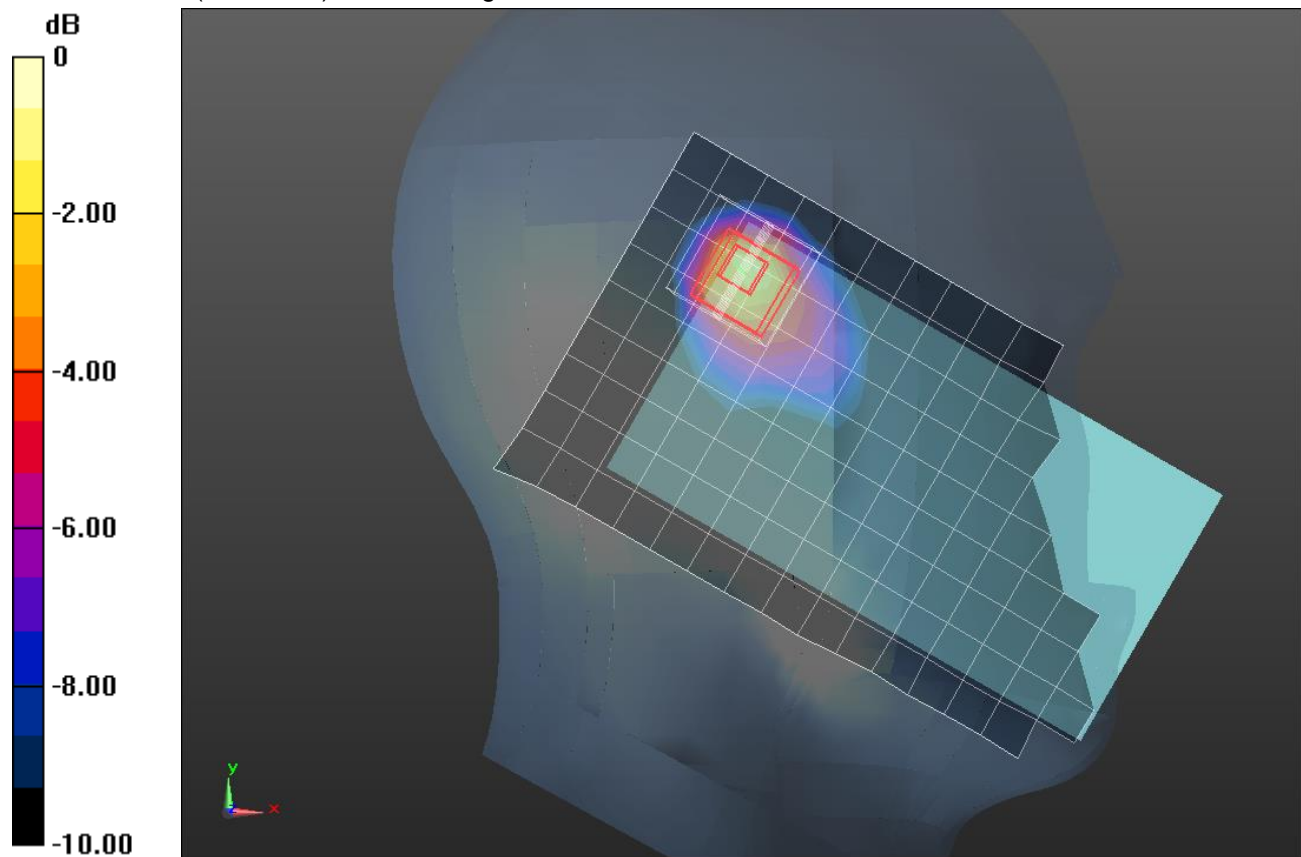
Reference Value = 18.654 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.239 W/kg**

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

Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg



## WiFi 2.4GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2437 \text{ MHz}$ ;  $\sigma = 2.019 \text{ S/m}$ ;  $\epsilon_r = 52.037$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1352; Calibrated: 11/7/2014
- Probe: EX3DV4 - SN7356; ConvF(7.54, 7.54, 7.54); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

**Rear/802.11b\_ch 6/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**Rear/802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

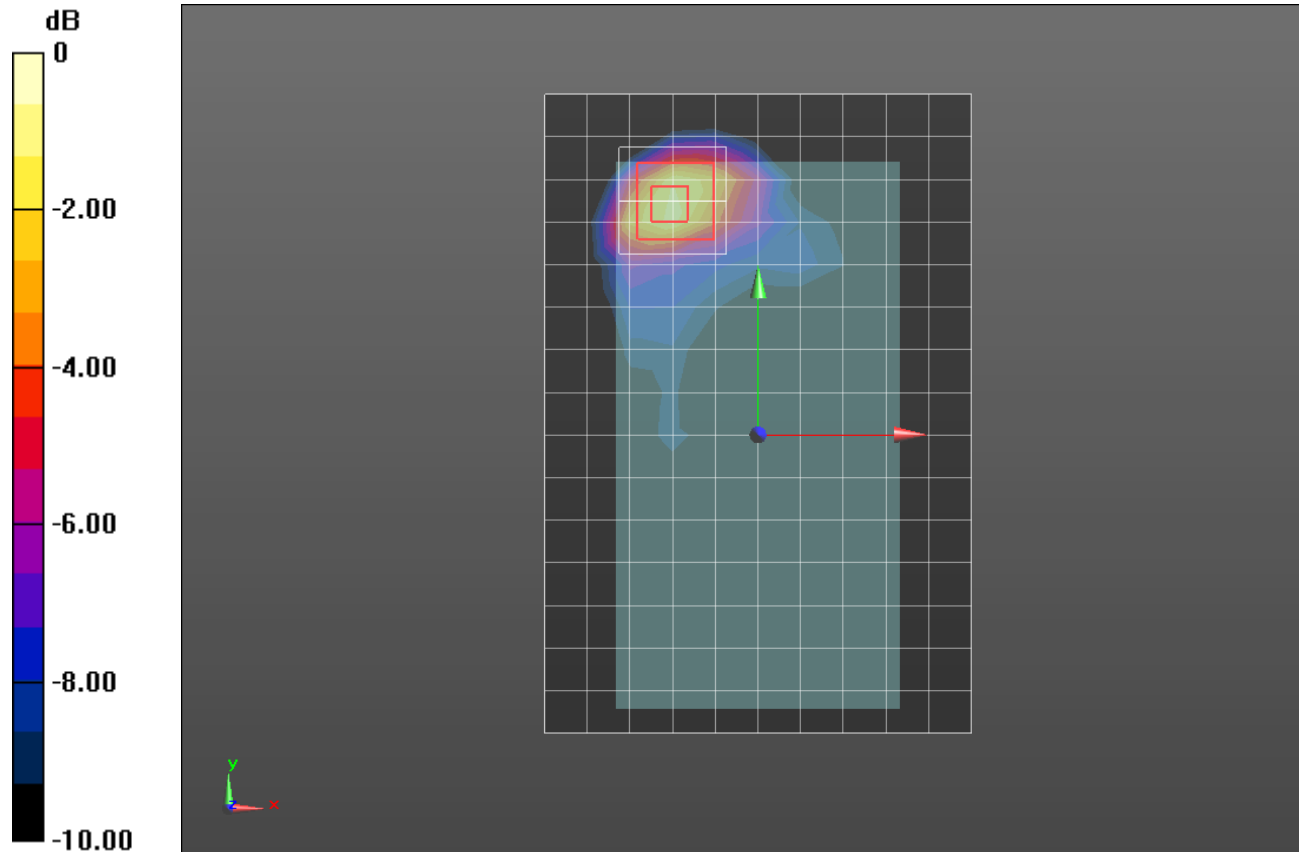
Reference Value = 12.95 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.603 W/kg

**SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.133 W/kg**

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

Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.410 W/kg = -3.87 dBW/kg

## Wi-Fi 5GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 4.54 \text{ S/m}$ ;  $\epsilon_r = 34.704$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(5.3, 5.3, 5.3); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_802.11a\_Ch 60/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 0.445 W/kg

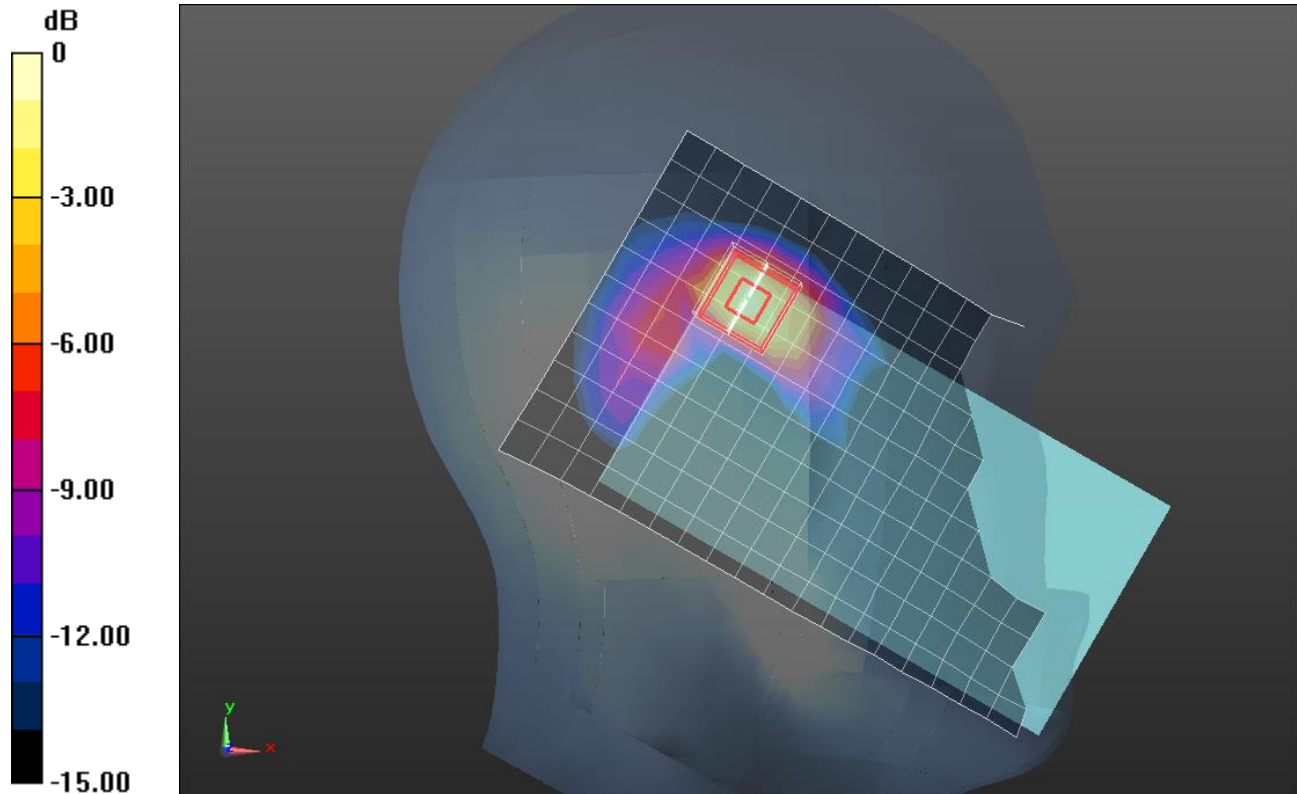
**LHS/Touch\_802.11a\_Ch 60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.926 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.637 W/kg



0 dB = 0.637 W/kg = -1.96 dBW/kg

## Wi-Fi 5GHz

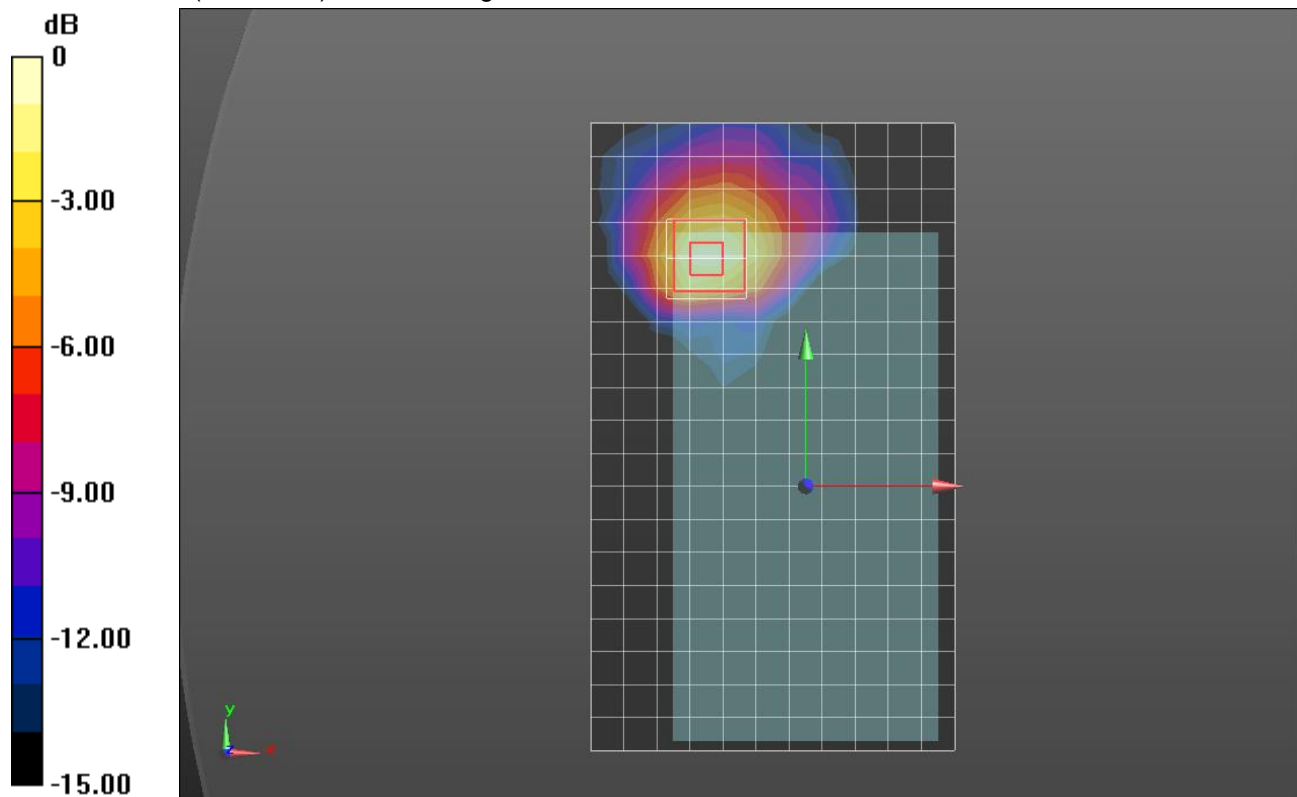
Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.658 \text{ S/m}$ ;  $\epsilon_r = 48.244$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4.77, 4.77, 4.77); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Rear/802.11a\_Ch 60/Area Scan (12x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
 Maximum value of SAR (measured) = 0.333 W/kg

**Rear/802.11a\_Ch 60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$   
 Reference Value = 7.502 V/m; Power Drift = 0.17 dB  
 Peak SAR (extrapolated) = 0.735 W/kg  
**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.067 W/kg**  
 Maximum value of SAR (measured) = 0.364 W/kg



0 dB = 0.364 W/kg = -4.39 dBW/kg

## Wi-Fi 5GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.396 \text{ S/m}$ ;  $\epsilon_r = 47.204$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4.77, 4.77, 4.77); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Edge 2/802.11a\_Ch 60/Area Scan (8x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.27 W/kg

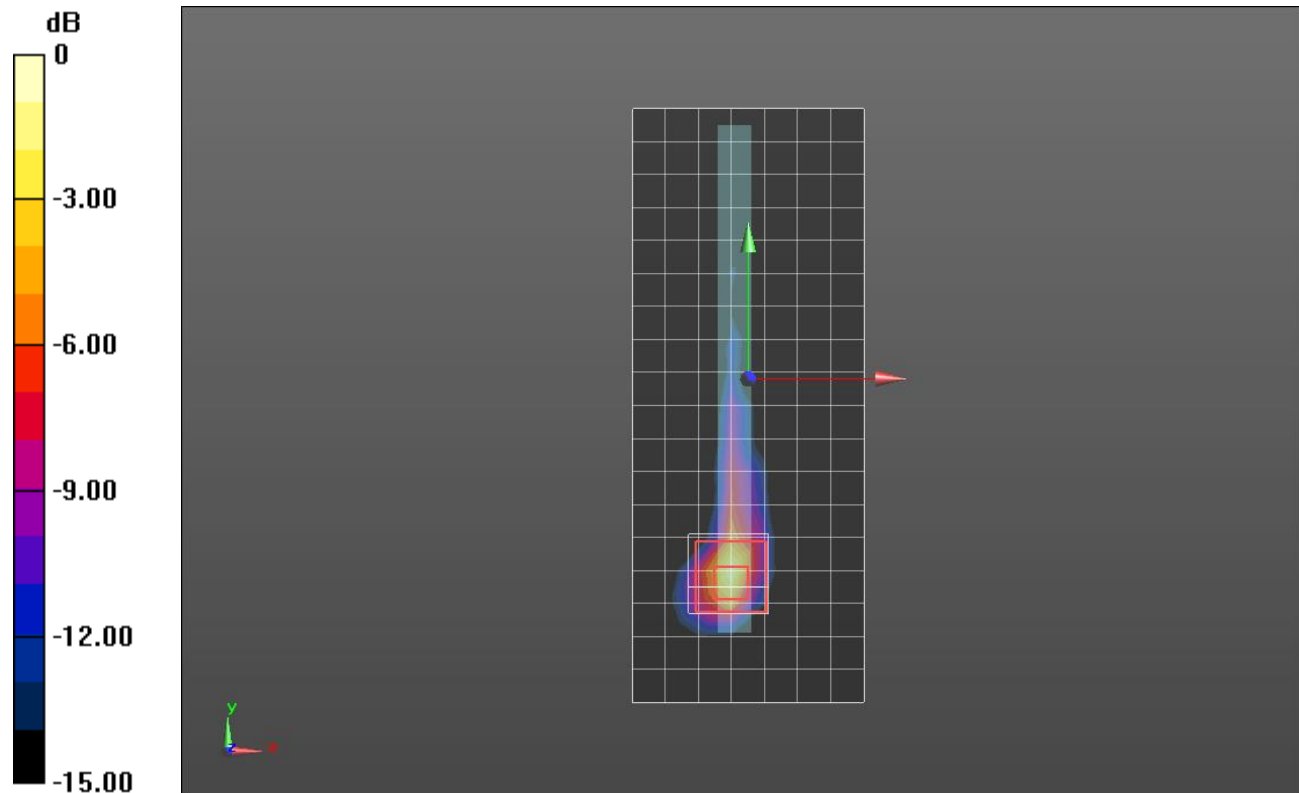
**Edge 2/802.11a\_Ch 60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 19.26 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.11 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.275 W/kg**

Maximum value of SAR (measured) = 2.67 W/kg



0 dB = 2.67 W/kg = 4.27 dBW/kg

## Wi-Fi 5GHz

Frequency: 5700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5700 \text{ MHz}$ ;  $\sigma = 4.949 \text{ S/m}$ ;  $\epsilon_r = 34.22$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4.9, 4.9, 4.9); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_802.11a\_Ch 140/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.342 W/kg

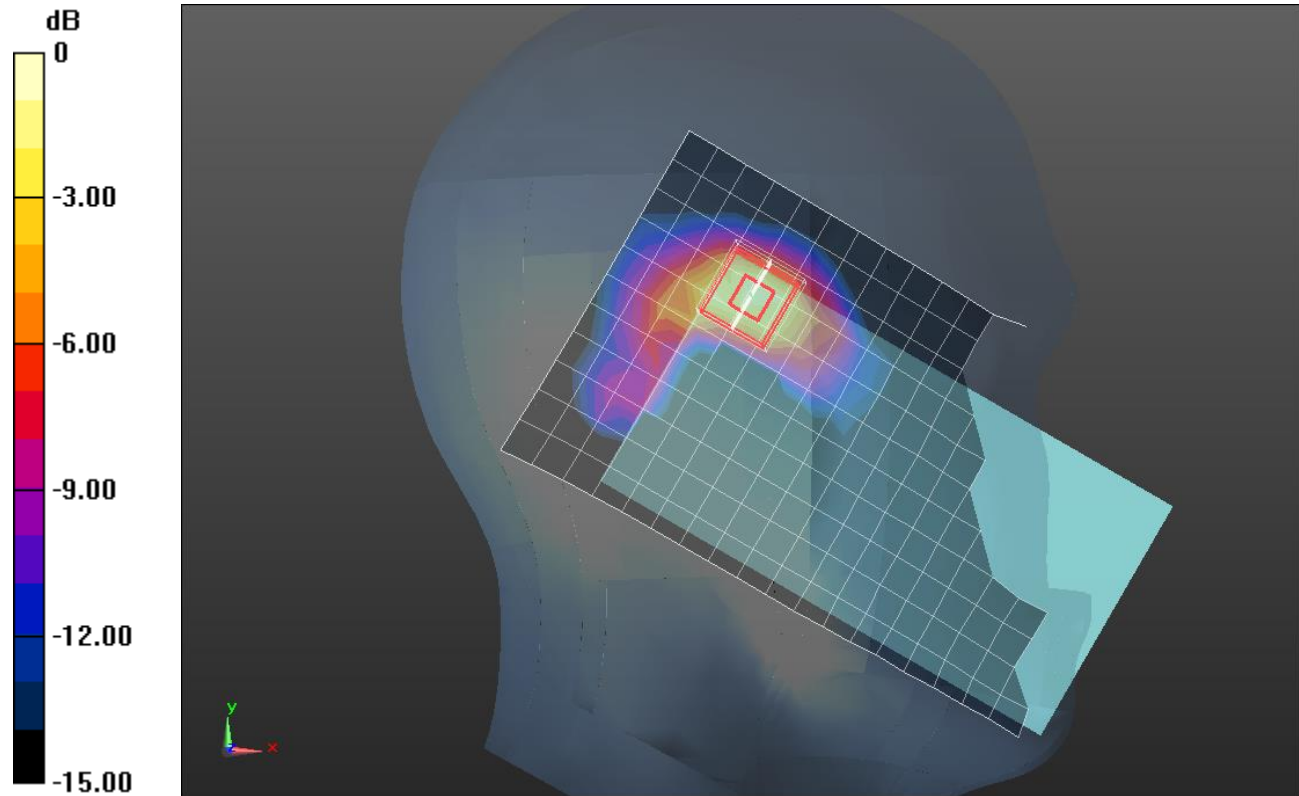
**LHS/Touch\_802.11a\_Ch 140/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.366 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.452 W/kg = -3.45 dBW/kg

## Wi-Fi 5GHz

Frequency: 5700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5700 \text{ MHz}$ ;  $\sigma = 6.159 \text{ S/m}$ ;  $\epsilon_r = 47.354$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4, 4, 4); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Rear/802.11a\_Ch 140/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.272 W/kg

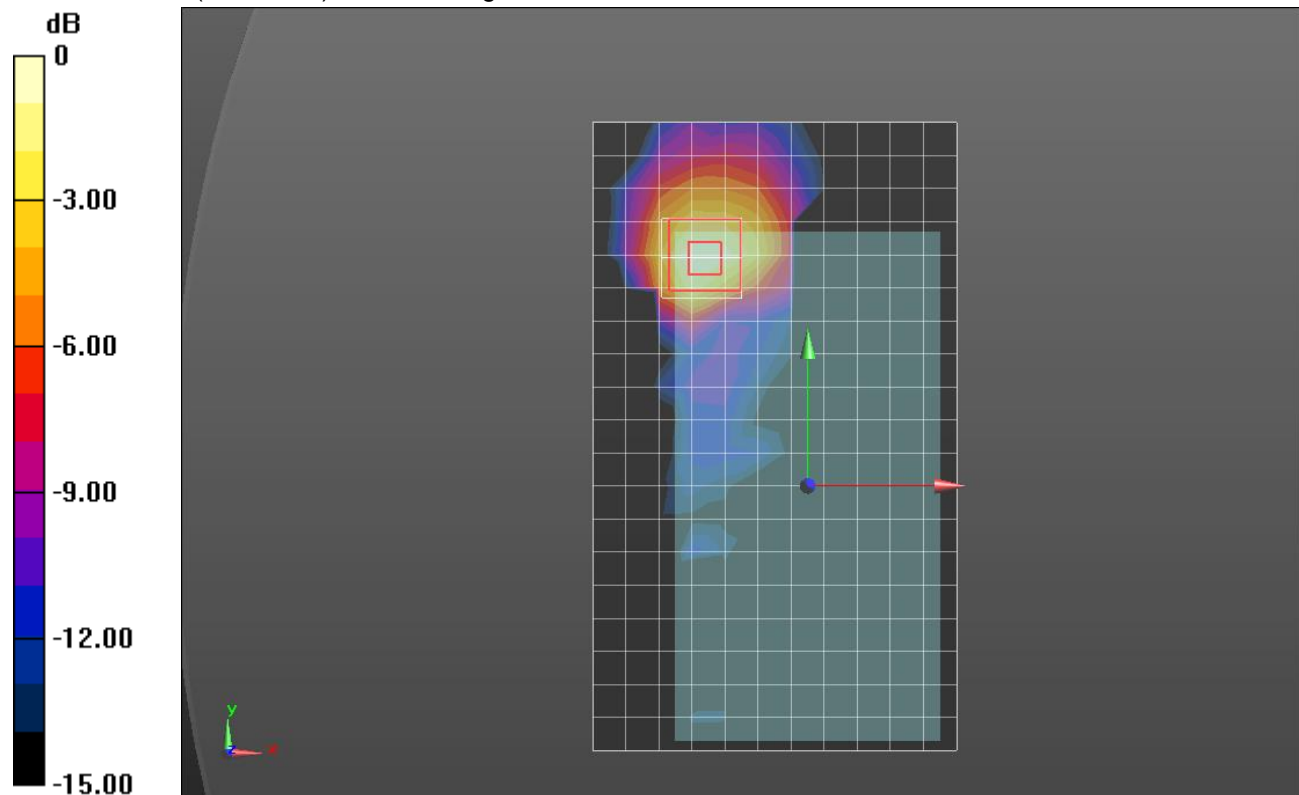
**Rear/802.11a\_Ch 140/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.350 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg

## Wi-Fi 5GHz

Frequency: 5700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5700 \text{ MHz}$ ;  $\sigma = 6.159 \text{ S/m}$ ;  $\epsilon_r = 47.354$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4, 4, 4); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Rear/802.11a\_Ch 140/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.16 W/kg

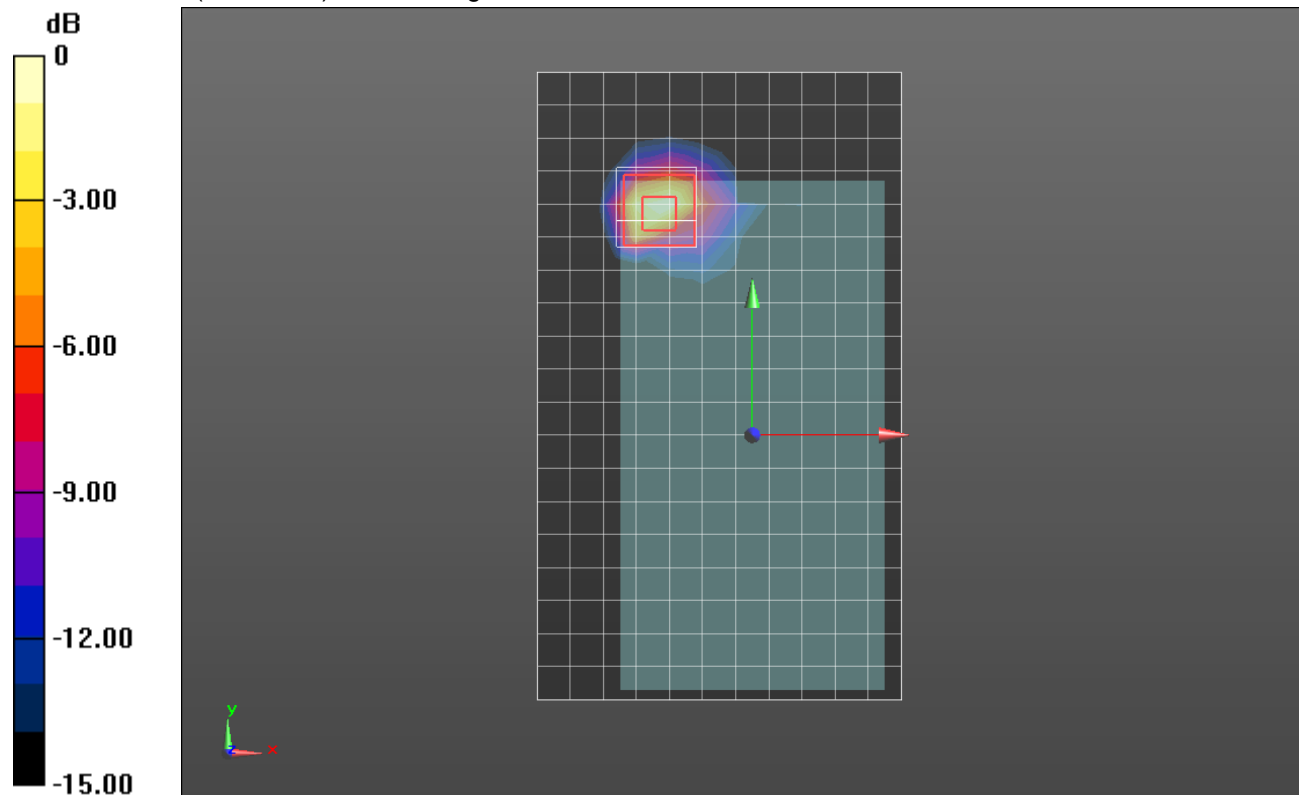
**Rear/802.11a\_Ch 140/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.65 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.02 W/kg

**SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

## Wi-Fi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 5.046 \text{ S/m}$ ;  $\epsilon_r = 34.092$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(5.03, 5.03, 5.03); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_802.11a\_Ch 165/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.253 W/kg

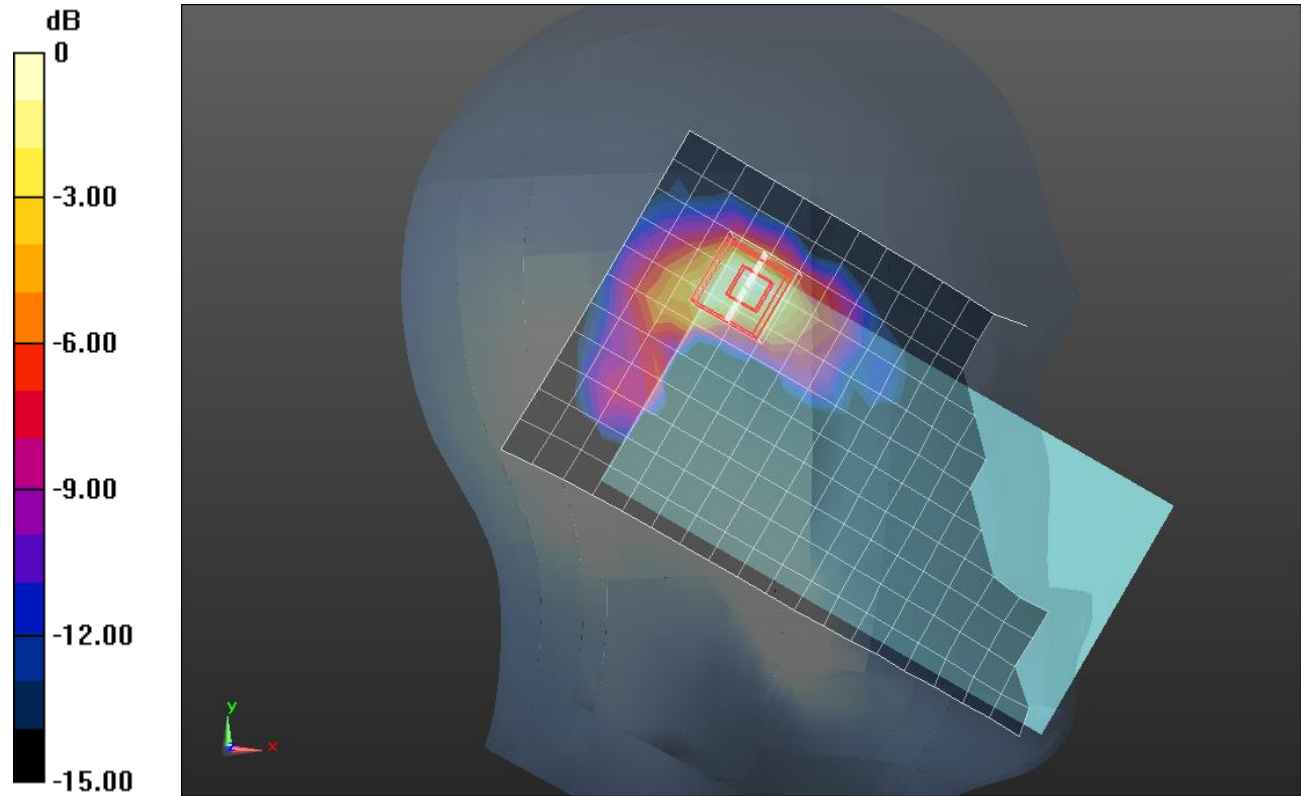
**LHS/Touch\_802.11a\_Ch 165/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.284 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.038 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg



## Wi-Fi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.277$  S/m;  $\epsilon_r = 47.259$ ;  $\rho = 1000$  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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4.36, 4.36, 4.36); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Rear/802.11a\_Ch 165/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.208 W/kg

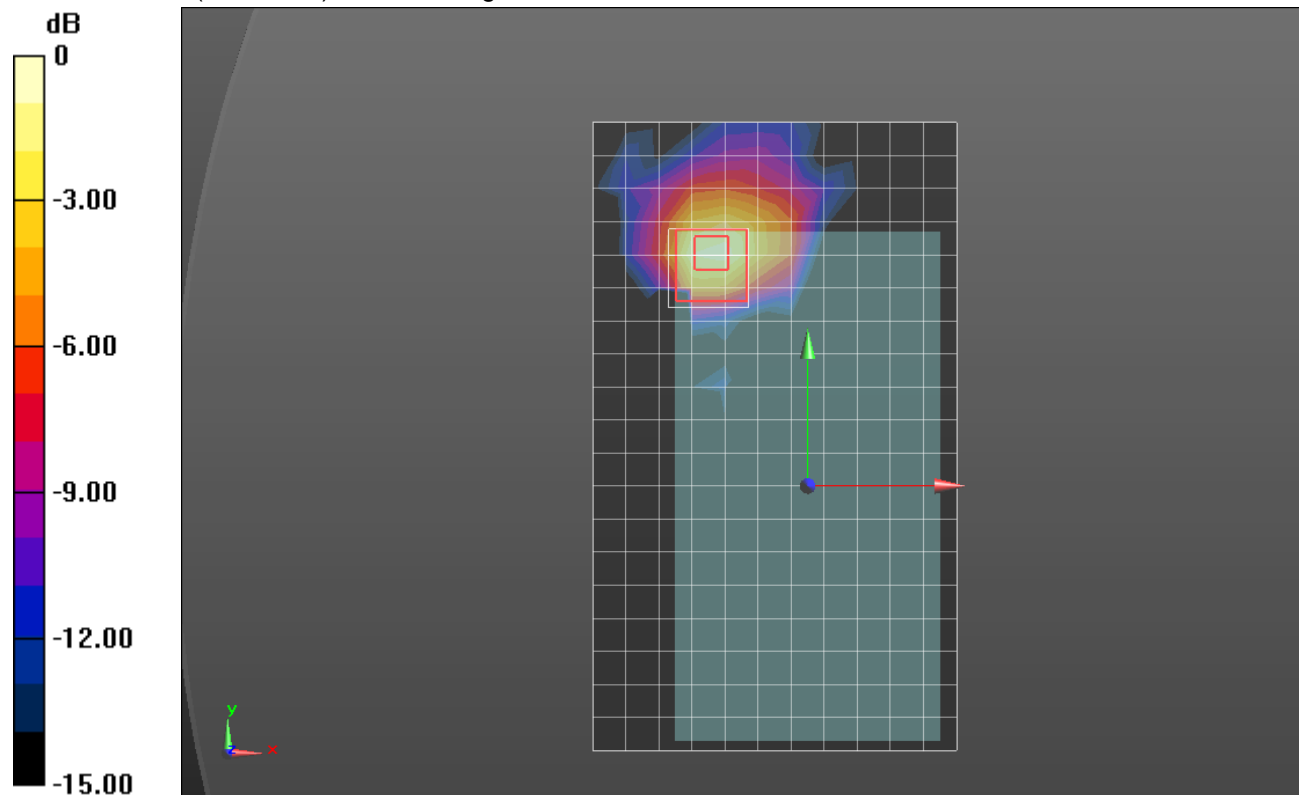
**Rear/802.11a\_Ch 165/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.581 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.453 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.031 W/kg**

Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg