

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 40.714$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_GPRS 4 Slots\_Ch. 190\_Tethering off/Area Scan (7x12x1):** Measurement grid:  
 dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.334 W/kg

**RHS/Touch\_GPRS 4 Slots\_Ch. 190\_Tethering off/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

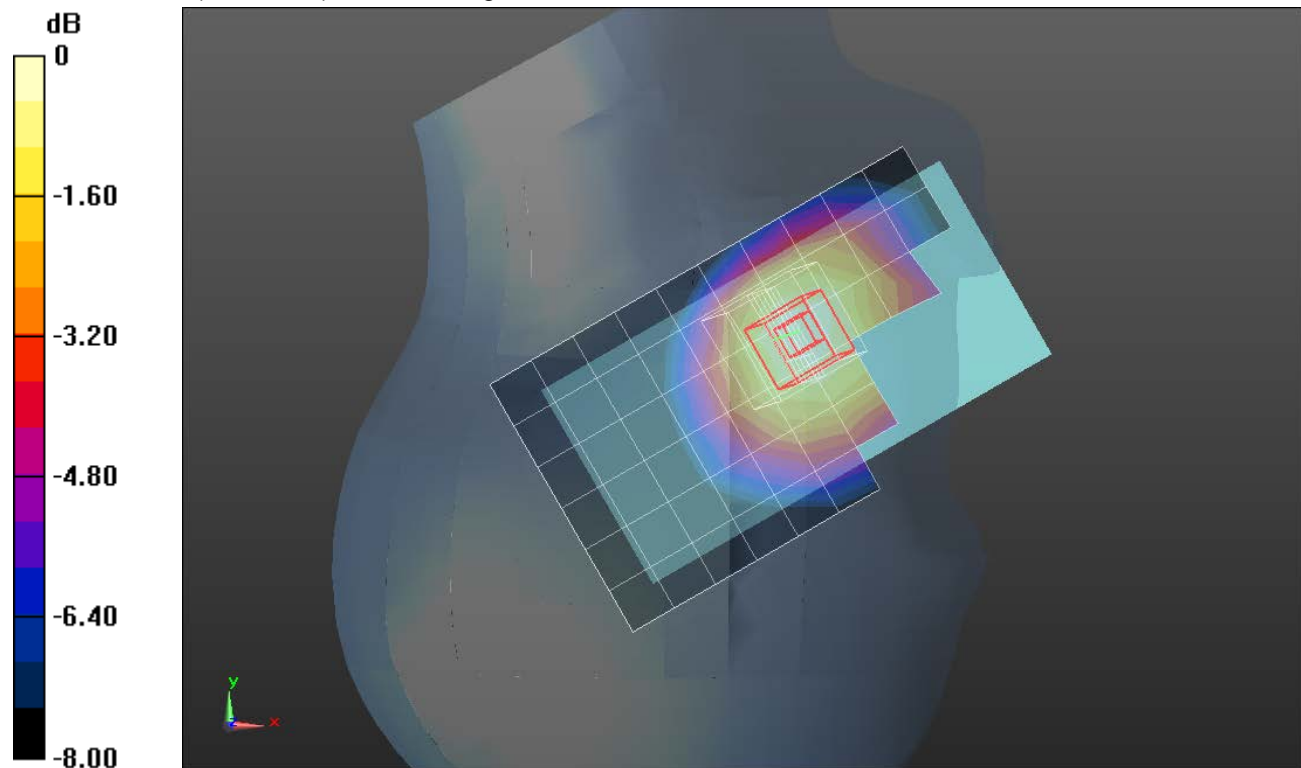
Reference Value = 20.008 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.374 W/kg

**SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.242 W/kg**

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

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.011$  S/m;  $\epsilon_r = 53.265$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/GPRS 4 Slots\_Ch. 190\_Tethering off/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.350 W/kg

**Front/GPRS 4 Slots\_Ch. 190\_Tethering off/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

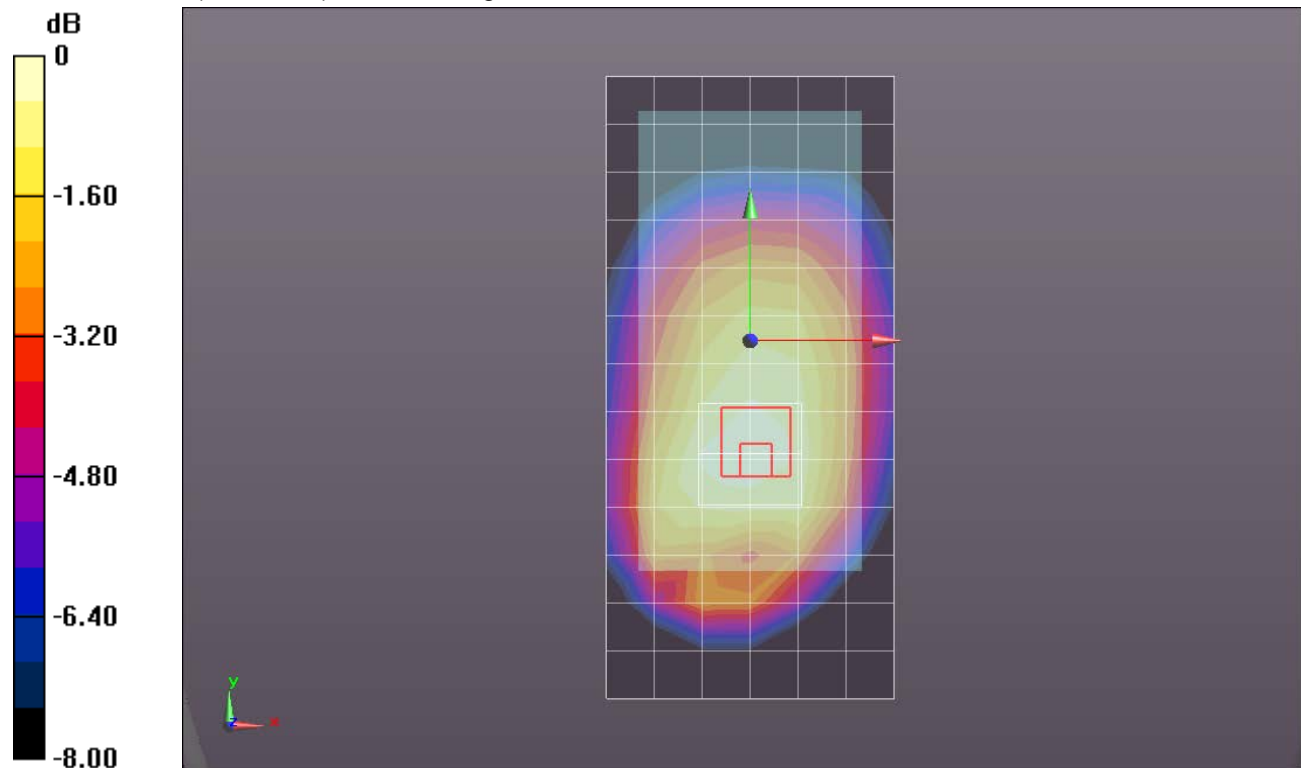
Reference Value = 16.924 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.407 W/kg

**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.229 W/kg**

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

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.011$  S/m;  $\epsilon_r = 53.265$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/GPRS 4 Slots\_Ch. 190\_Tethering on/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.305 W/kg

**Front/GPRS 4 Slots\_Ch. 190\_Tethering on/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

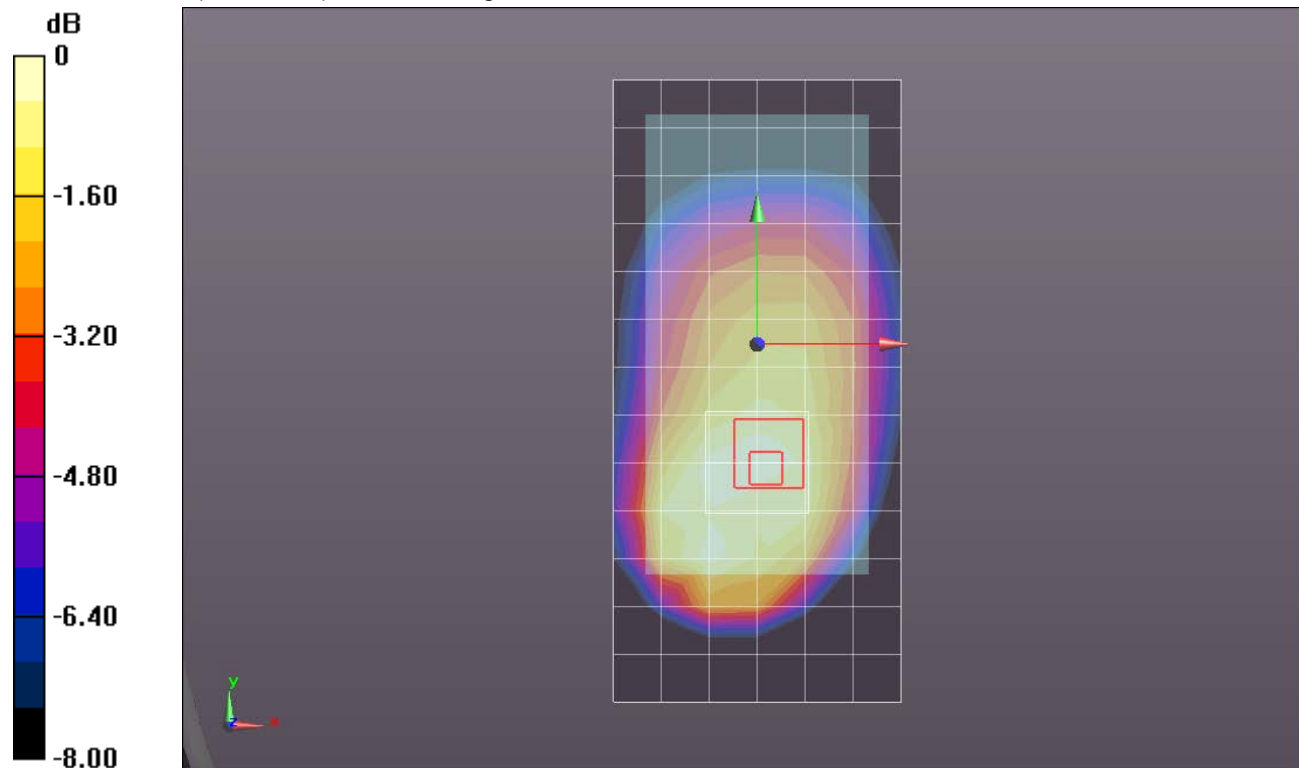
Reference Value = 12.999 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.371 W/kg

**SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.190 W/kg**

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

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 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;  $\sigma = 0.906$  S/m;  $\epsilon_r = 40.714$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- 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;

### RHS/Touch\_GPRS 2 Slots\_Ch. 190\_Tethering off DTM/Area Scan (7x12x1): Measurement grid:

$dx=15$ mm,  $dy=15$ mm

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

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

### RHS/Touch\_GPRS 2 Slots\_Ch. 190\_Tethering off DTM/Zoom Scan (5x5x7)/Cube 0:

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

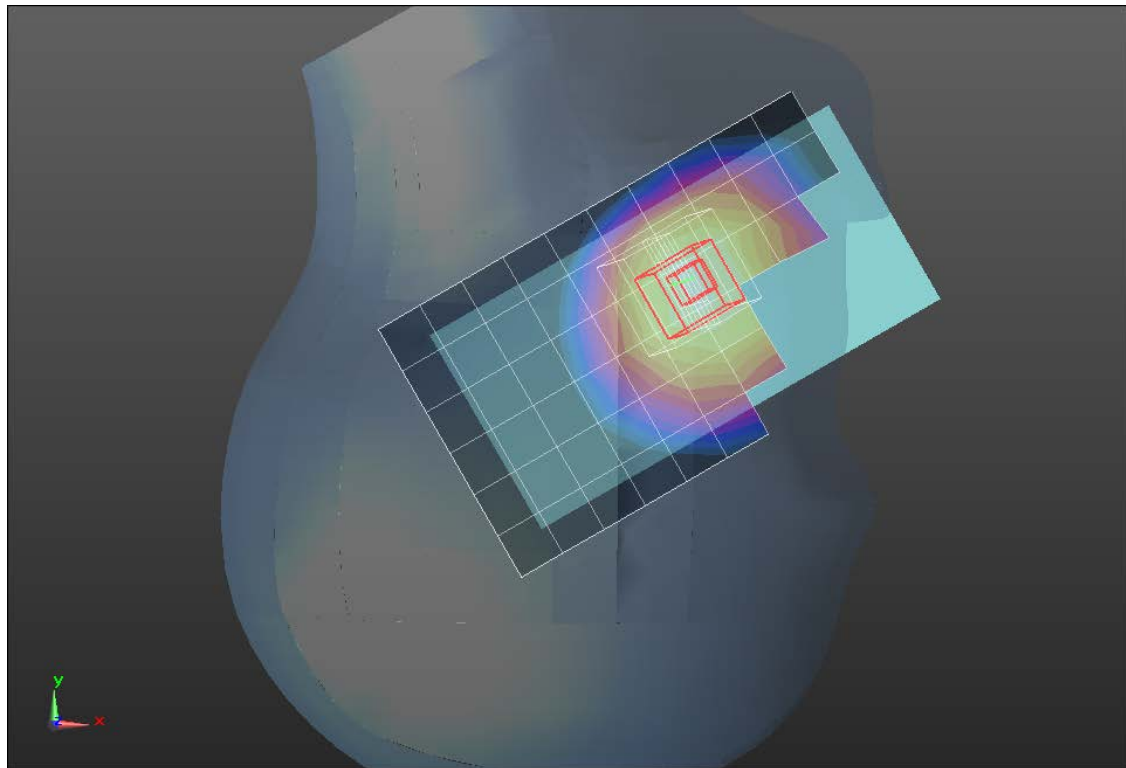
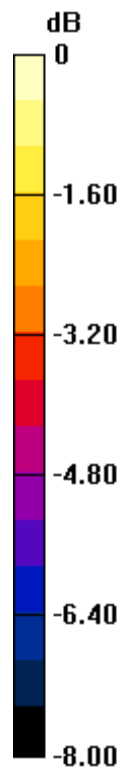
Reference Value = 23.864 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.539 W/kg

**SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.350 W/kg**

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

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.419 \text{ S/m}$ ;  $\epsilon_r = 38.884$ ;  $\rho = 1000 \text{ kg/m}^3$

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 - SN3885; ConvF(7.72, 7.72, 7.72); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

### LHS/Touch GPRS 4 Slots Ch. 661\_Tethering off/Area Scan (7x12x1): Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

### LHS/Touch GPRS 4 Slots Ch. 661\_Tethering off/Zoom Scan (5x5x7)/Cube 0: Measurement

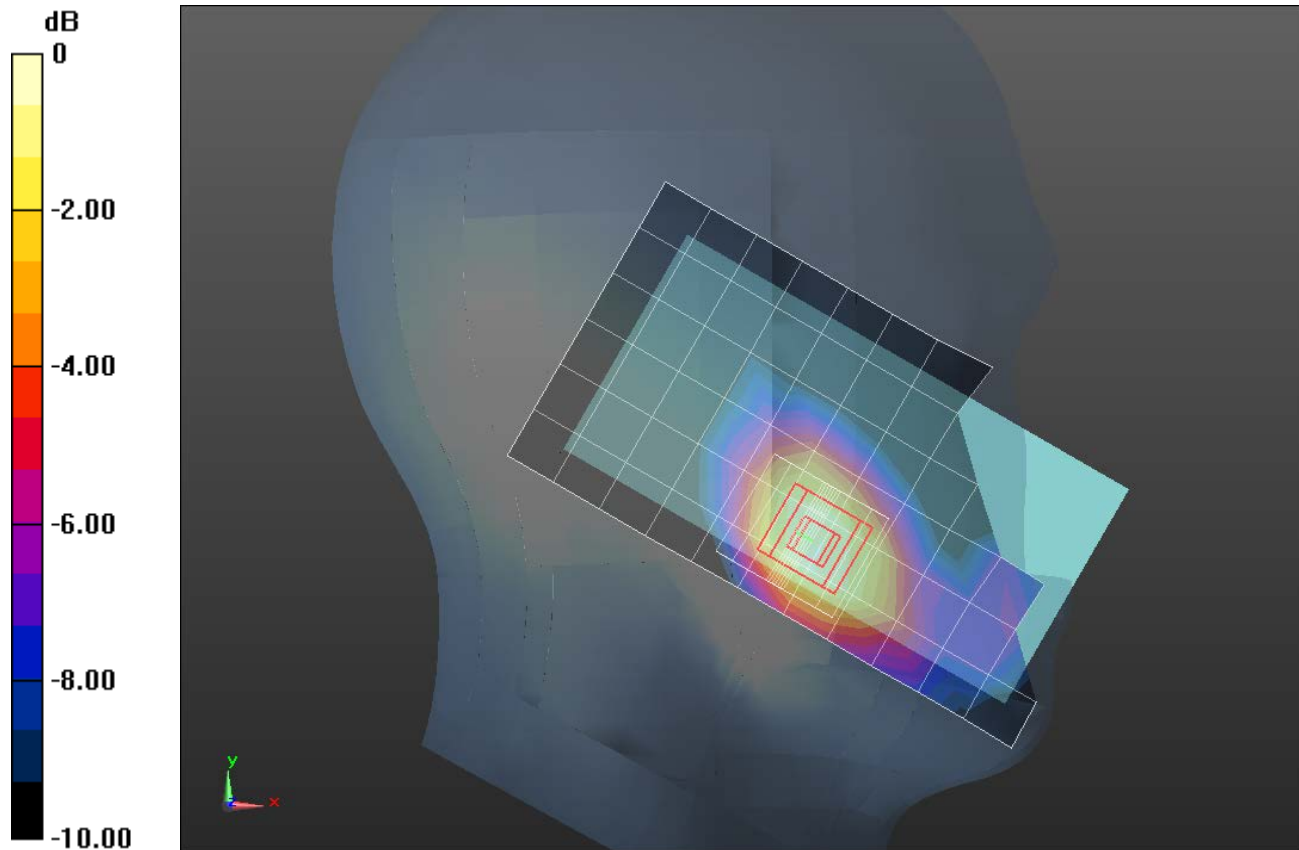
grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.144 W/kg**

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.499 \text{ S/m}$ ;  $\epsilon_r = 52.713$ ;  $\rho = 1000 \text{ kg/m}^3$

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 - SN3885; ConvF(7.37, 7.37, 7.37); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/GPRS 4 slots\_ch 661\_Tethering off/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.460 W/kg

**Front/GPRS 4 slots\_ch 661\_Tethering off/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

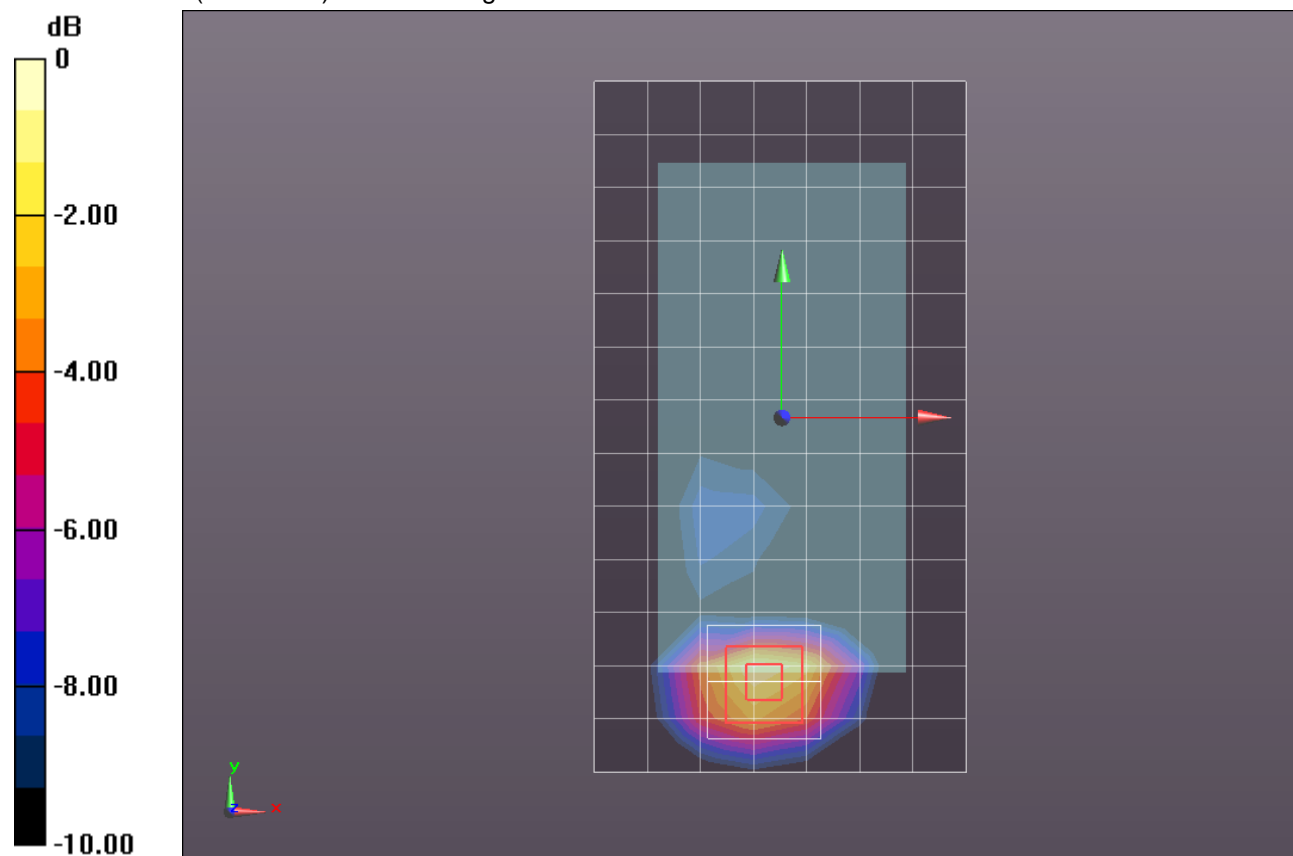
dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.71 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.675 W/kg

**SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.524 W/kg = -2.81 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.499 \text{ S/m}$ ;  $\epsilon_r = 52.713$ ;  $\rho = 1000 \text{ kg/m}^3$

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 - SN3885; ConvF(7.37, 7.37, 7.37); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Edge 3/GPRS 4 slots\_ch 661\_Tethering on/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.300 W/kg

**Edge 3/GPRS 4 slots\_ch 661\_Tethering on/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

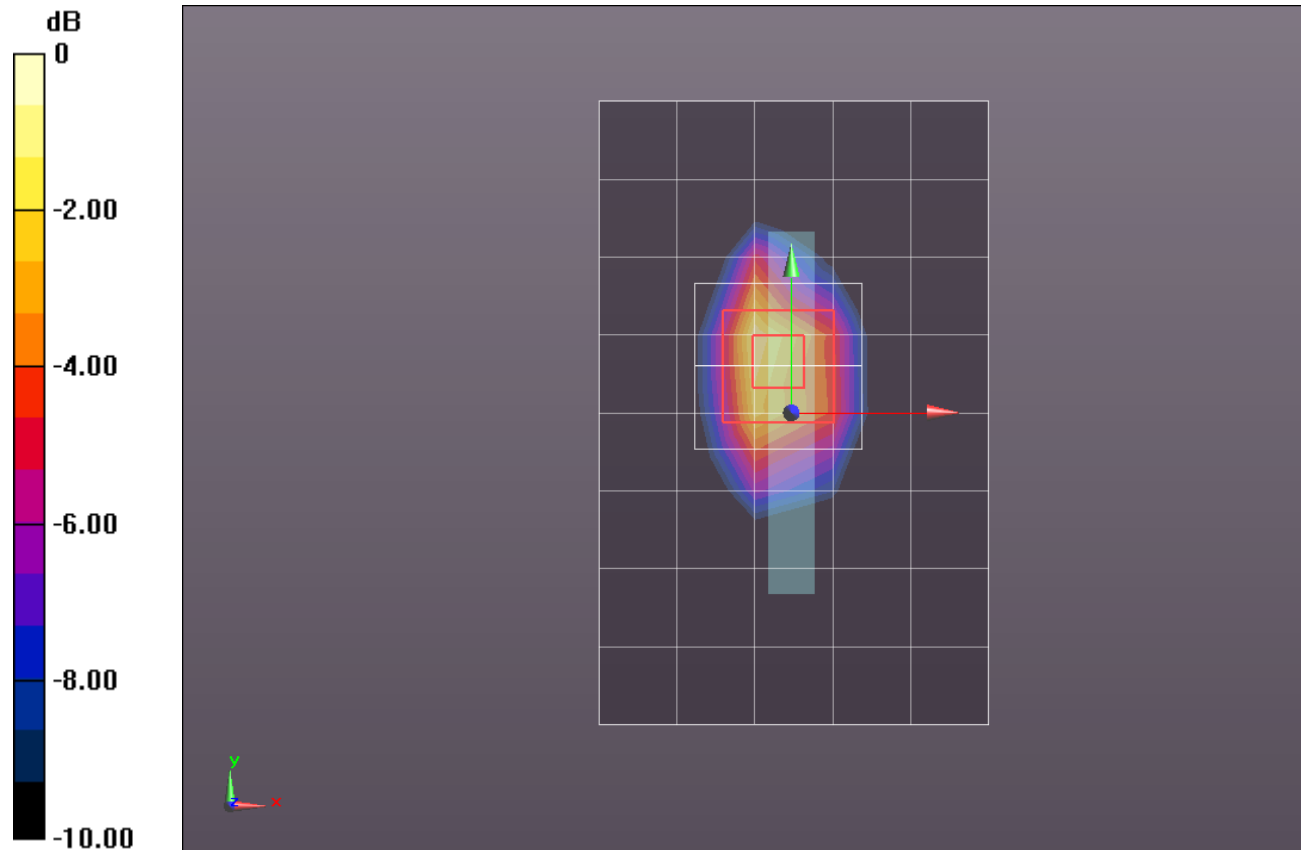
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.30 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.464 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.138 W/kg**

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



0 dB = 0.354 W/kg = -4.51 dBW/kg

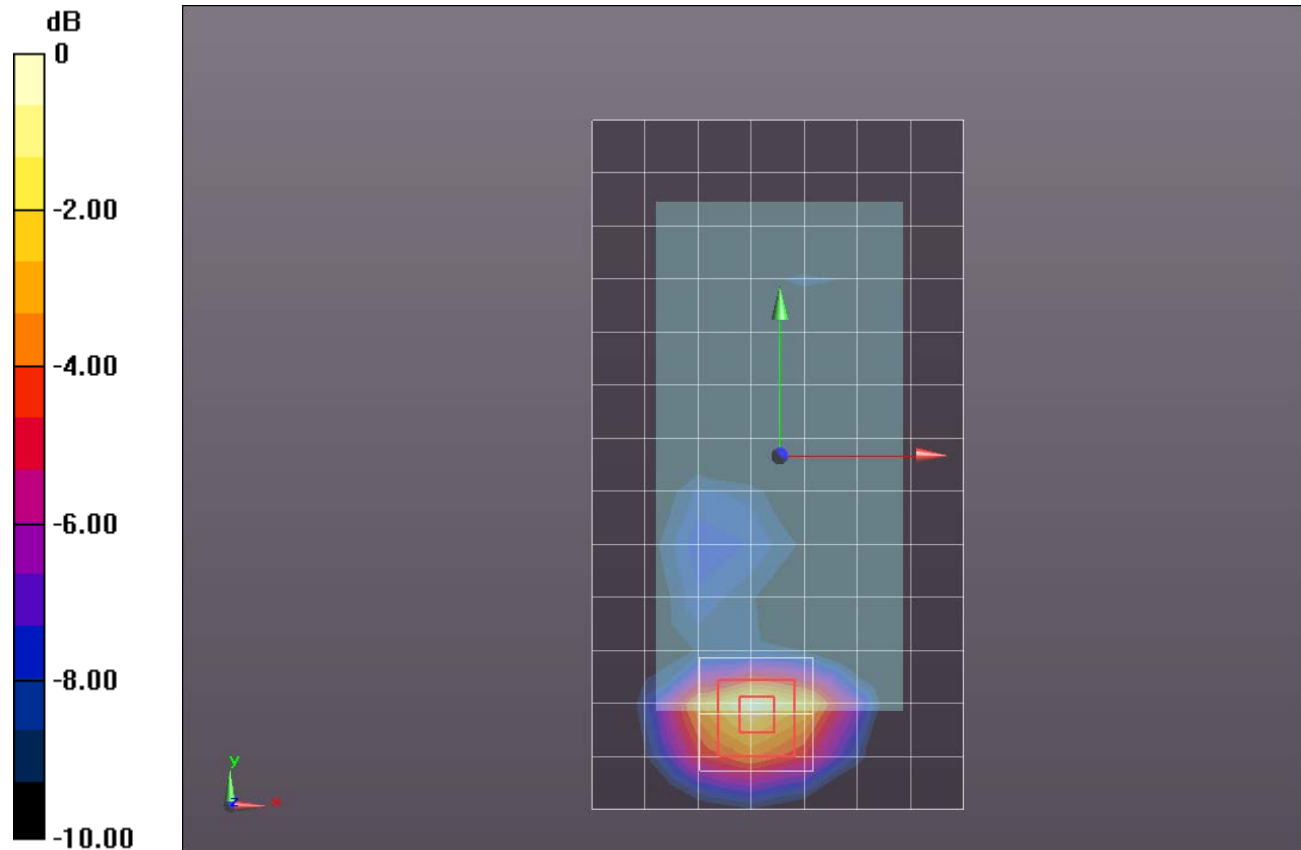
### GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.499 \text{ S/m}$ ;  $\epsilon_r = 52.713$ ;  $\rho = 1000 \text{ kg/m}^3$   
 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 - SN3885; ConvF(7.37, 7.37, 7.37); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/DTM CS + 2 Slots\_ch 661\_Tethering off/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.517 W/kg

**Front/DTM CS + 2 Slots\_ch 661\_Tethering off/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 18.96 V/m; Power Drift = -0.04 dB  
 Peak SAR (extrapolated) = 0.701 W/kg  
**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.234 W/kg**  
 Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 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;  $\sigma = 0.906$  S/m;  $\epsilon_r = 40.714$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_Rel. 99 RMC\_Ch 4183/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.474 W/kg

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

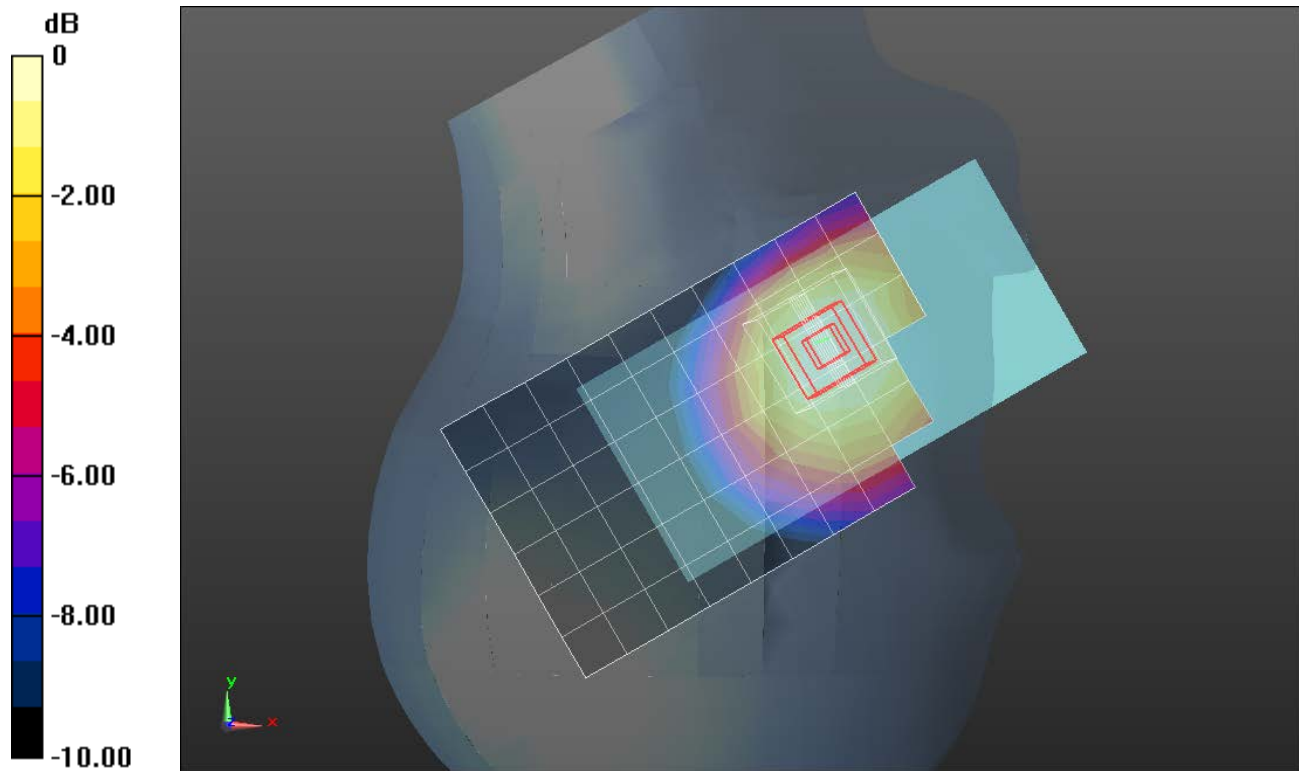
Reference Value = 23.094 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.531 W/kg

**SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.341 W/kg**

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

Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg = -3.13 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;  $\sigma = 1.011$  S/m;  $\epsilon_r = 53.265$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/Rel.99 RMC Ch.4183 15mm/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.505 W/kg

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

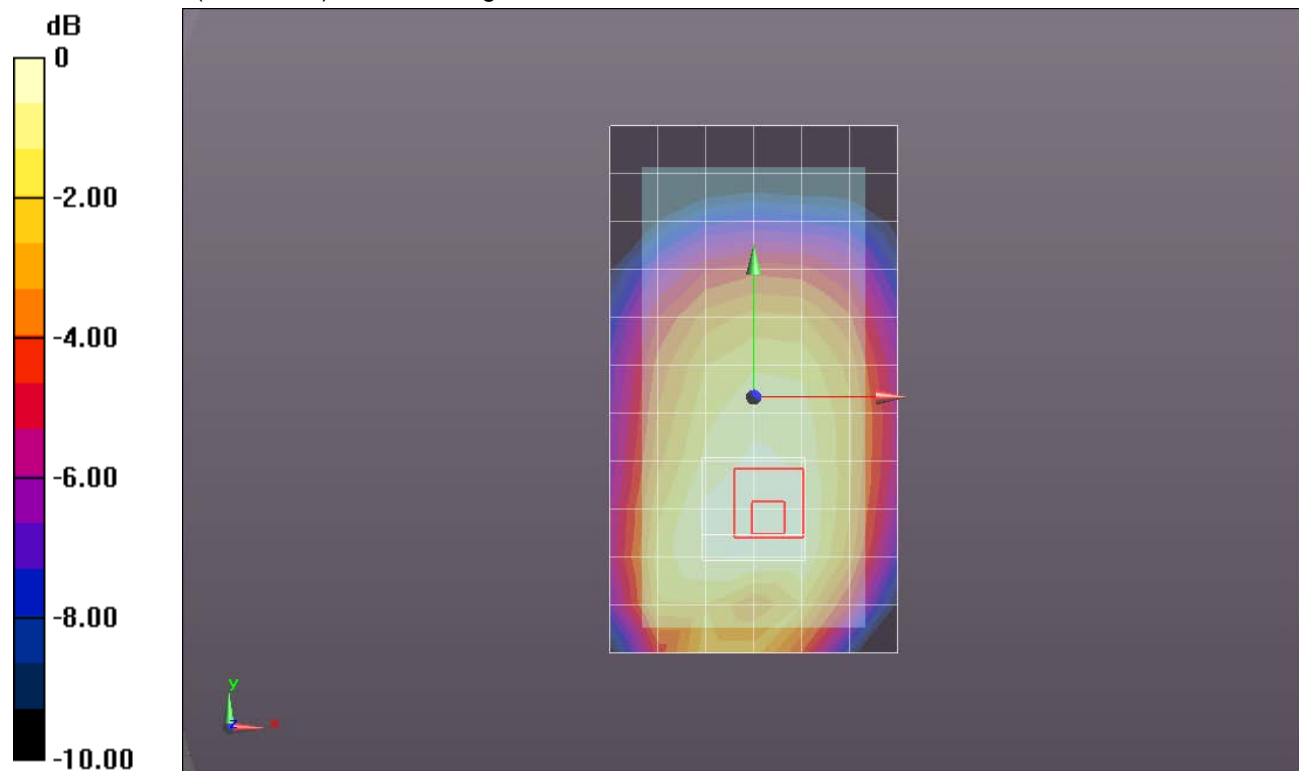
Reference Value = 19.940 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.330 W/kg**

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

Maximum value of SAR (measured) = 0.503 W/kg



0 dB = 0.503 W/kg = -2.98 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;  $\sigma = 1.011$  S/m;  $\epsilon_r = 53.265$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/Rel.99 RMC Ch.4183 10mm/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Front/Rel.99 RMC Ch.4183 10mm/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

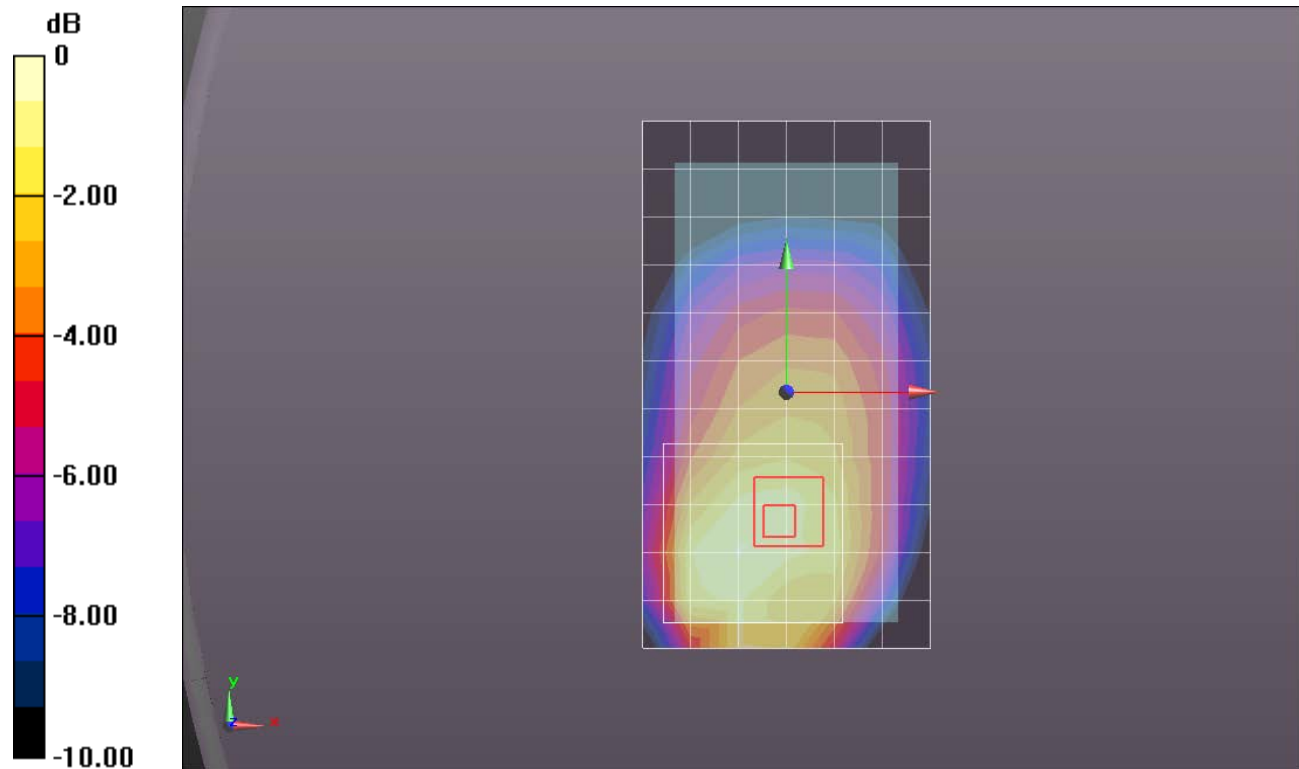
Reference Value = 18.290 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.534 W/kg

**SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.195 W/kg**

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

Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg = -4.23 dBW/kg

## LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

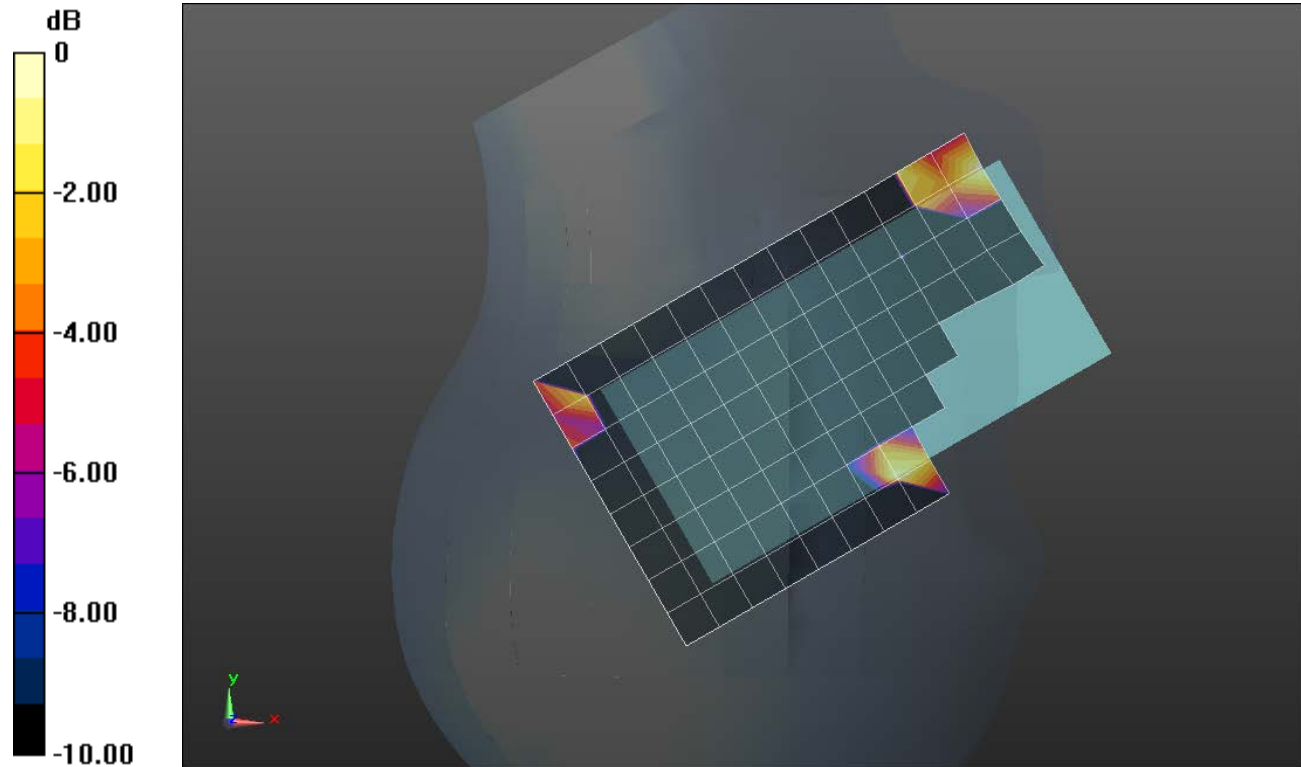
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.977$  S/m;  $\epsilon_r = 37.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.51, 6.51, 6.51); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_QPSK\_RB 1/49\_ch 21100/Area Scan (9x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.00227 W/kg



0 dB = 0.00227 W/kg = -26.44 dBW/kg

## LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.099 \text{ S/m}$ ;  $\epsilon_r = 50.93$ ;  $\rho = 1000 \text{ kg/m}^3$

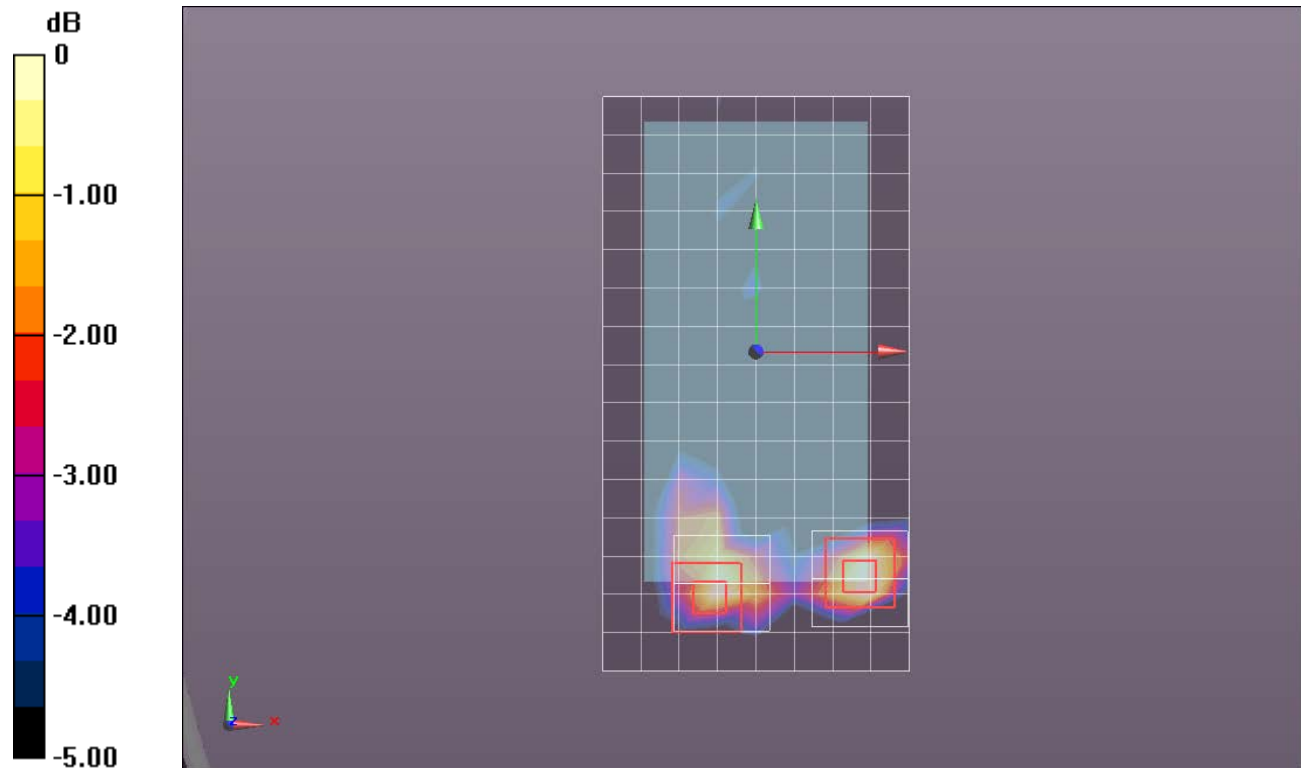
DASY5 Configuration:

- 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: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.68, 6.68, 6.68); Calibrated: 1/26/2016;
- 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

**Front/QPSK\_RB 1/49\_ch 21100\_15mm/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.00938 W/kg

**Front/QPSK\_RB 1/49\_ch 21100\_15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.811 V/m; Power Drift = 0.10 dB  
 Peak SAR (extrapolated) = 0.0290 W/kg  
**SAR(1 g) = 0.0068 W/kg; SAR(10 g) = 0.00251 W/kg**  
 Maximum value of SAR (measured) = 0.0107 W/kg

**Front/QPSK\_RB 1/49\_ch 21100\_15mm/Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.811 V/m; Power Drift = 0.10 dB  
 Peak SAR (extrapolated) = 0.0130 W/kg  
**SAR(1 g) = 0.005 W/kg; SAR(10 g) = 0.0012 W/kg**  
 Maximum value of SAR (measured) = 0.00885 W/kg



0 dB = 0.00885 W/kg = -20.53 dBW/kg

## LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.099 \text{ S/m}$ ;  $\epsilon_r = 50.93$ ;  $\rho = 1000 \text{ kg/m}^3$

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: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.68, 6.68, 6.68); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Edge 3/QPSK\_RB 1/49\_ch 21100\_10mm/Area Scan (8x11x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0233 W/kg

**Edge 3/QPSK\_RB 1/49\_ch 21100\_10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.359 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00755 W/kg**

Maximum value of SAR (measured) = 0.0308 W/kg

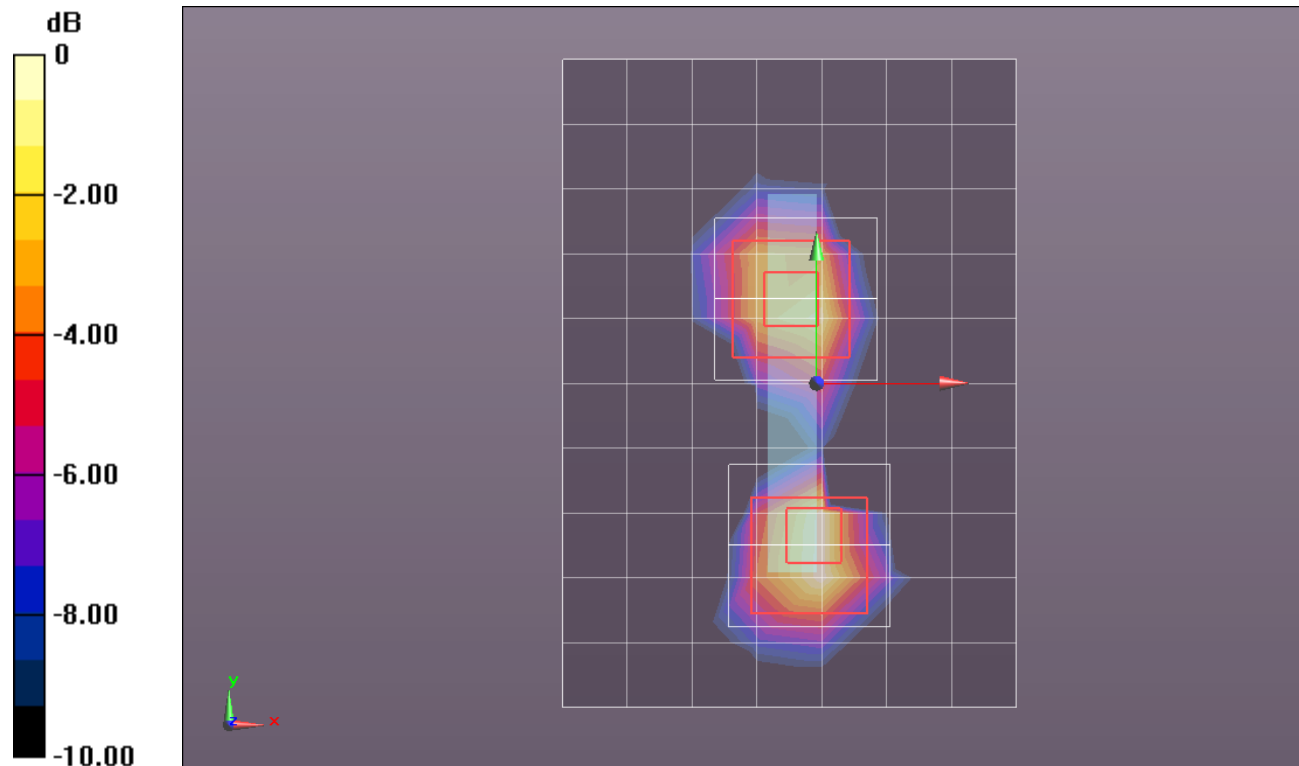
**Edge 3/QPSK\_RB 1/49\_ch 21100\_10mm/Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.359 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0310 W/kg

**SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00603 W/kg**

Maximum value of SAR (measured) = 0.0242 W/kg



0 dB = 0.0242 W/kg = -16.16 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;  $\sigma = 0.828$  S/m;  $\epsilon_r = 41.091$ ;  $\rho = 1000$  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 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.35, 10.35, 10.35); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 1/0 Ch.23095/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.135 W/kg

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

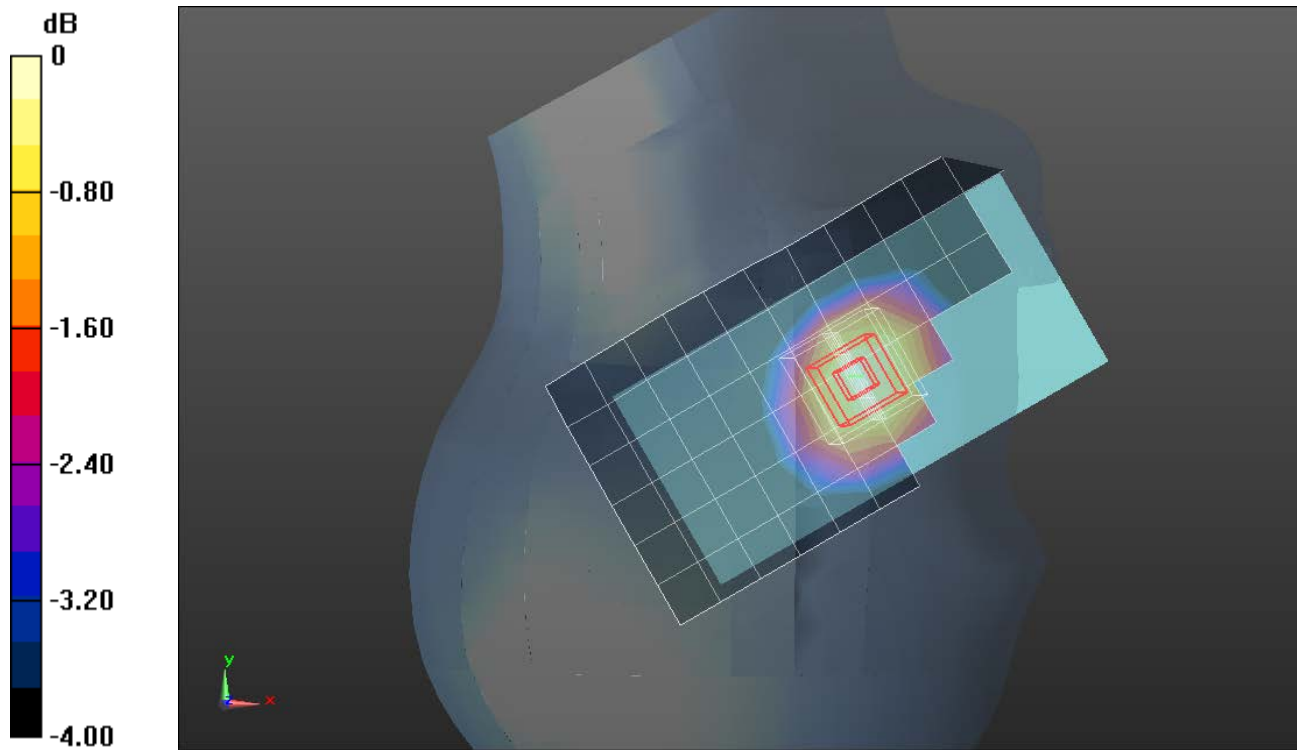
Reference Value = 12.941 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.147 W/kg

**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.099 W/kg**

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

Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 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;  $\sigma = 0.927$  S/m;  $\epsilon_r = 57.274$ ;  $\rho = 1000$  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 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/QPSK RB 1/0 Ch.23095/15mm/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.232 W/kg

**Front/QPSK RB 1/0 Ch.23095/15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

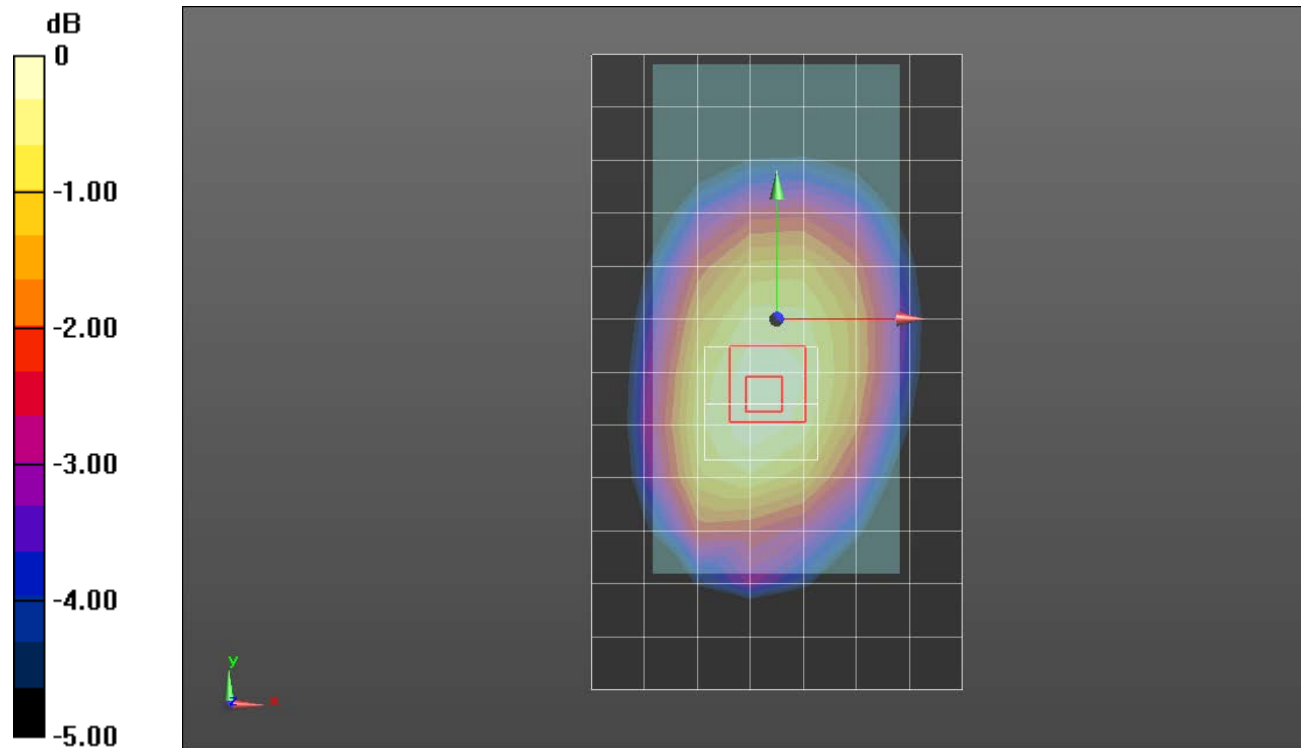
Reference Value = 16.074 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.163 W/kg**

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

Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg = -6.31 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;  $\sigma = 0.927$  S/m;  $\epsilon_r = 57.274$ ;  $\rho = 1000$  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 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/QPSK RB 1/0 Ch.23095/10mm/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

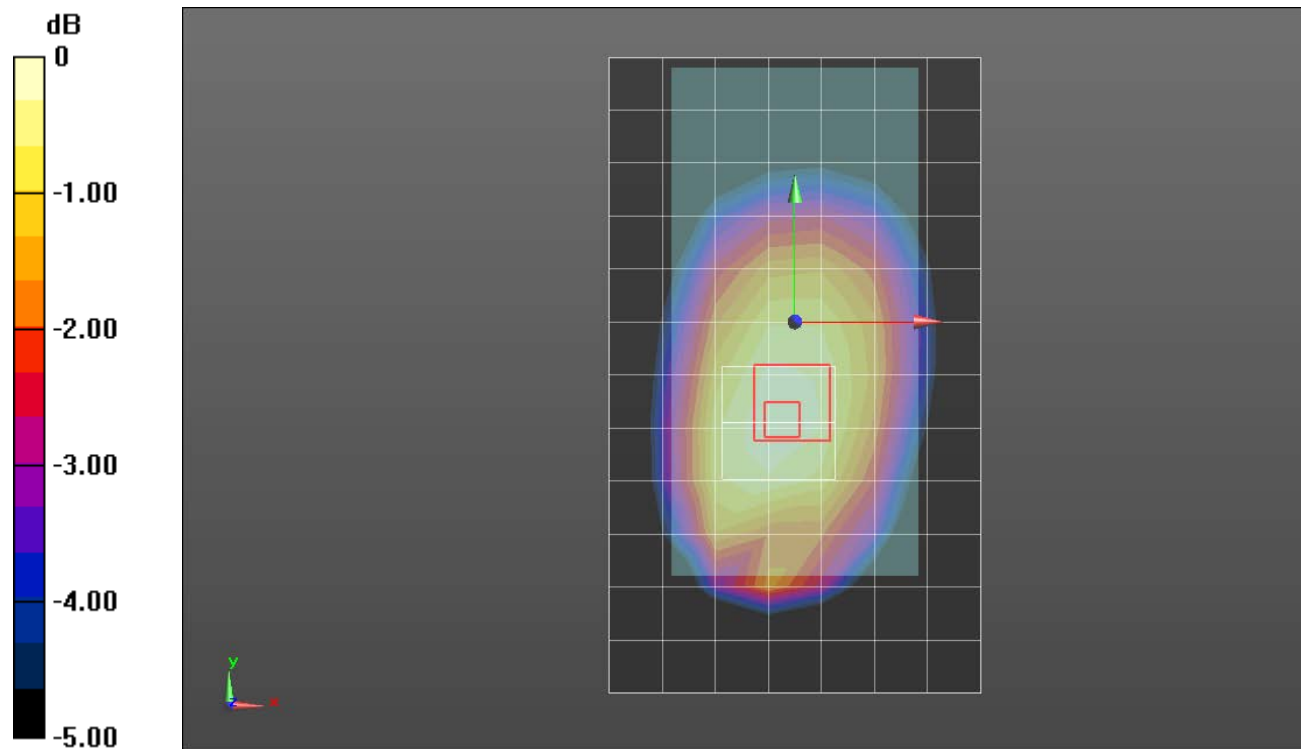
**Front/QPSK RB 1/0 Ch.23095/10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.810 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.324 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.198 W/kg**

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



0 dB = 0.285 W/kg = -5.45 dBW/kg

### LTE band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.924 \text{ S/m}$ ;  $\epsilon_r = 40.383$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.35, 10.35, 10.35); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 1/49 Ch.23230/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**RHS/Touch\_QPSK RB 1/49 Ch.23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

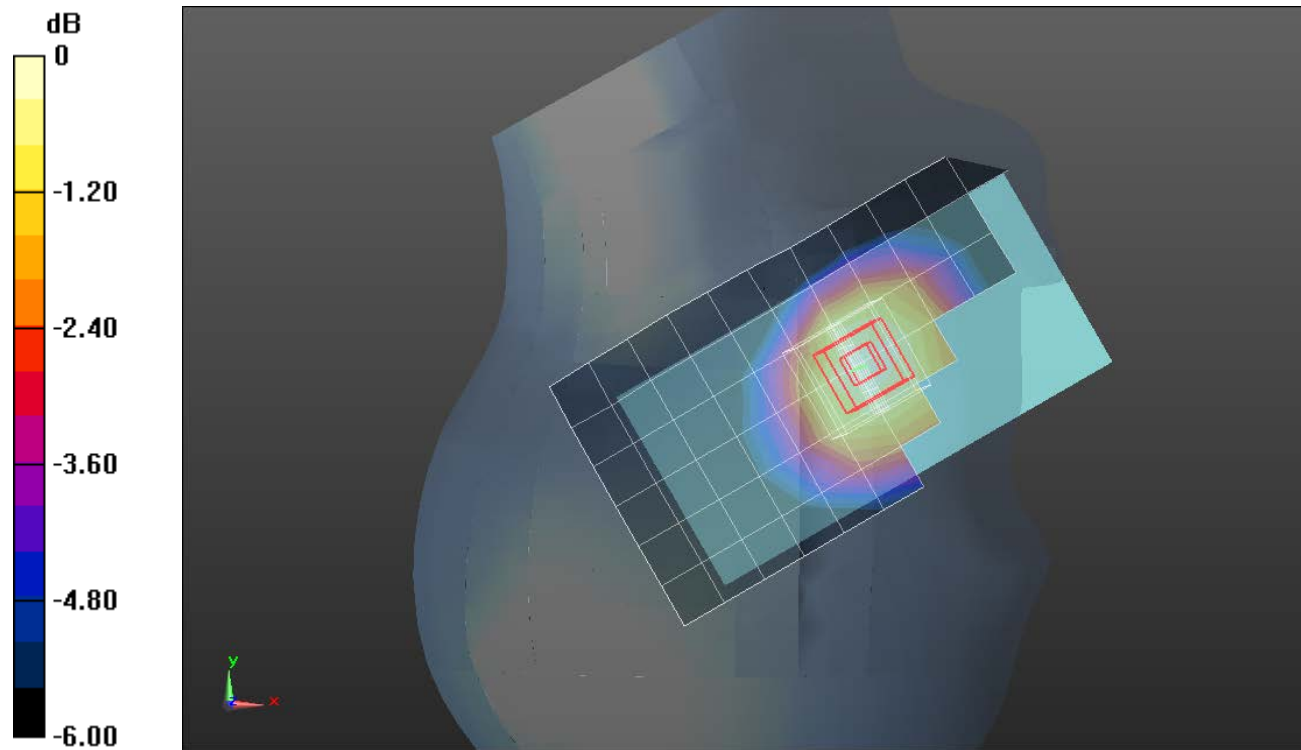
Reference Value = 16.609 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.278 W/kg

**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.176 W/kg**

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

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



0 dB = 0.253 W/kg = -5.97 dBW/kg

### LTE band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.994 \text{ S/m}$ ;  $\epsilon_r = 56.626$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/QPSK RB 1/49 Ch.23230/15mm/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.310 W/kg

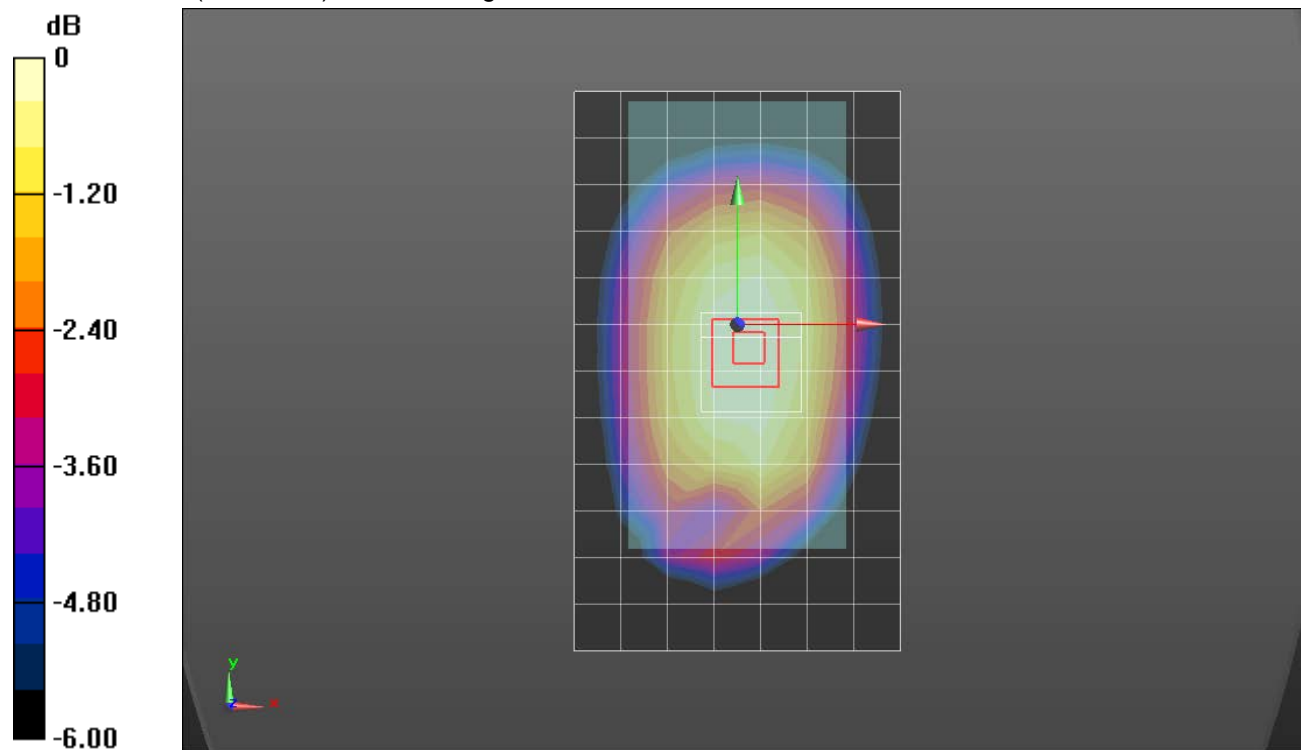
**Front/QPSK RB 1/49 Ch.23230/15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.849 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.346 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.215 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)  
 Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

### LTE band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.978 \text{ S/m}$ ;  $\epsilon_r = 53.68$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/QPSK RB 1/49 Ch.23230/10mm/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.381 W/kg

**Front/QPSK RB 1/49 Ch.23230/10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

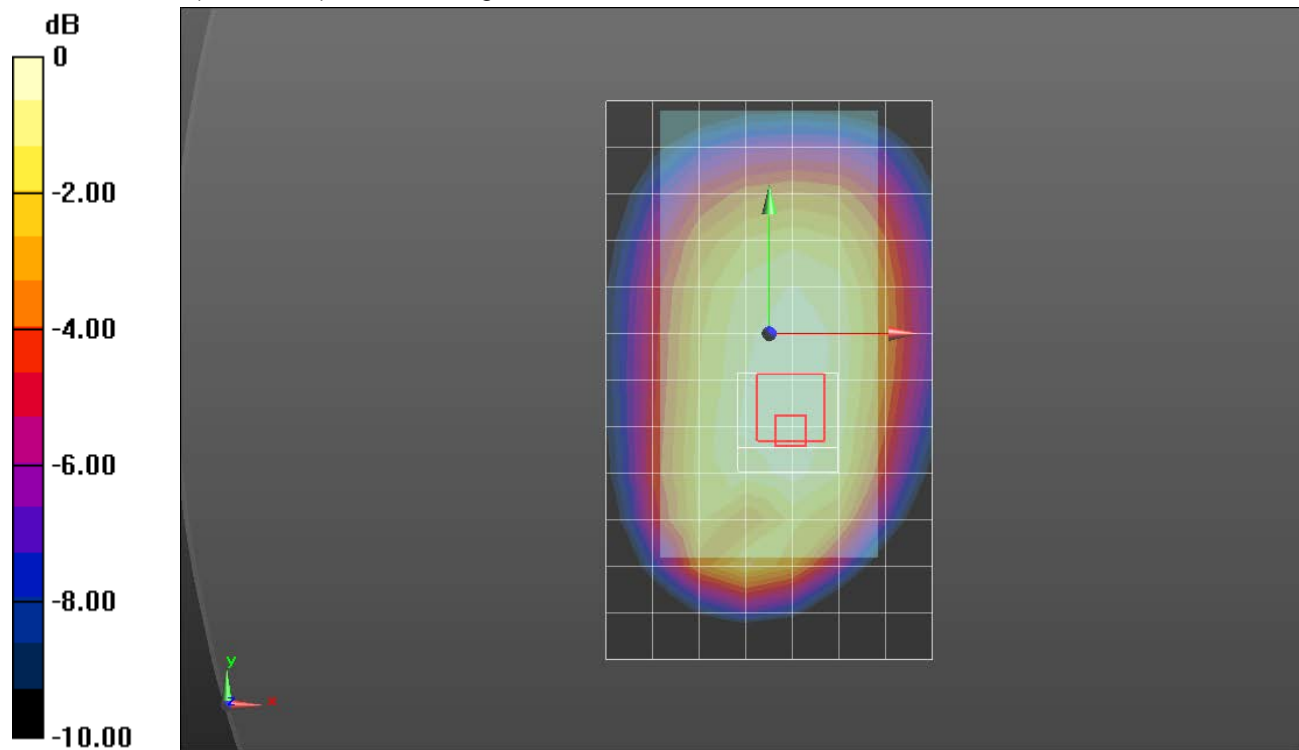
Reference Value = 20.017 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.432 W/kg

**SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.260 W/kg**

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

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

### LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.036 \text{ S/m}$ ;  $\epsilon_r = 37.682$ ;  $\rho = 1000 \text{ kg/m}^3$

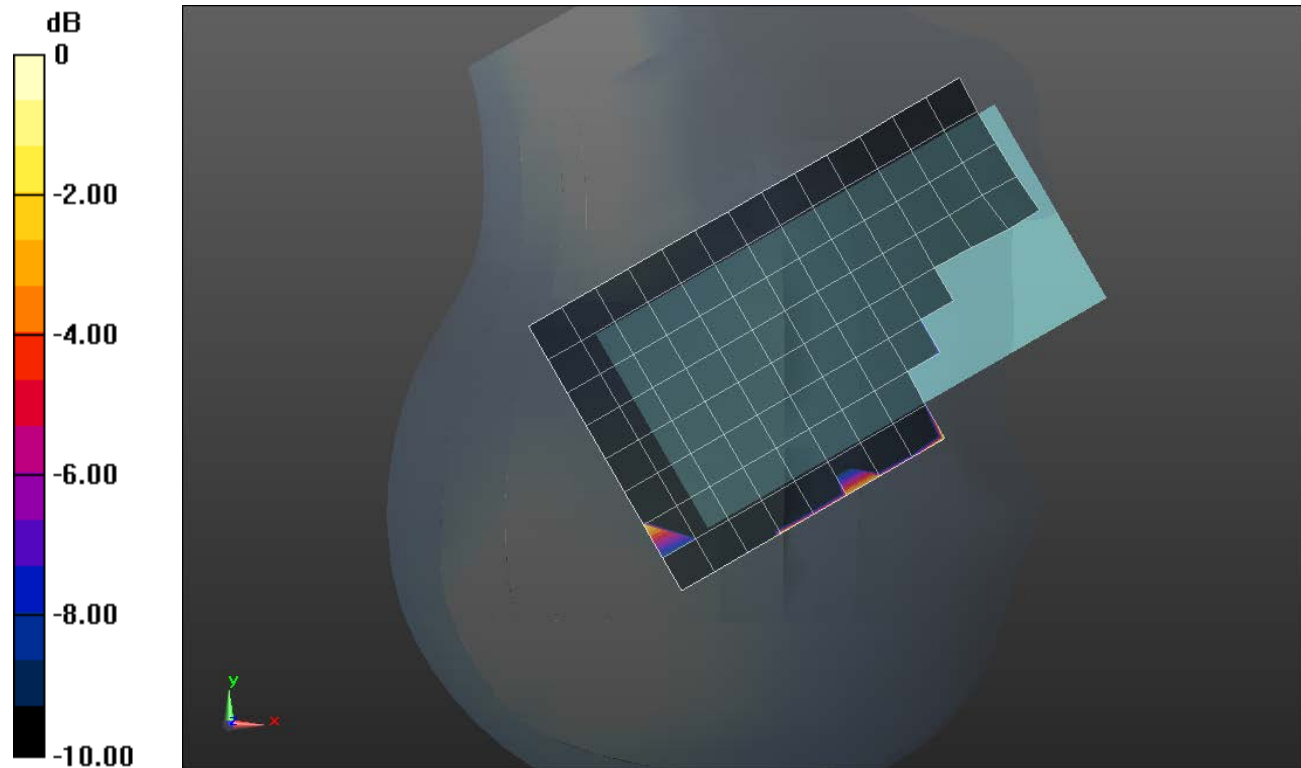
DASY5 Configuration:

- 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: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.51, 6.51, 6.51); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_QPSK\_RB 1/49\_ch 40620/Area Scan (9x15x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.00175 W/kg



0 dB = 0.00175 W/kg = -27.57 dBW/kg

## LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ S/m}$ ;  $\epsilon_r = 50.815$ ;  $\rho = 1000 \text{ kg/m}^3$

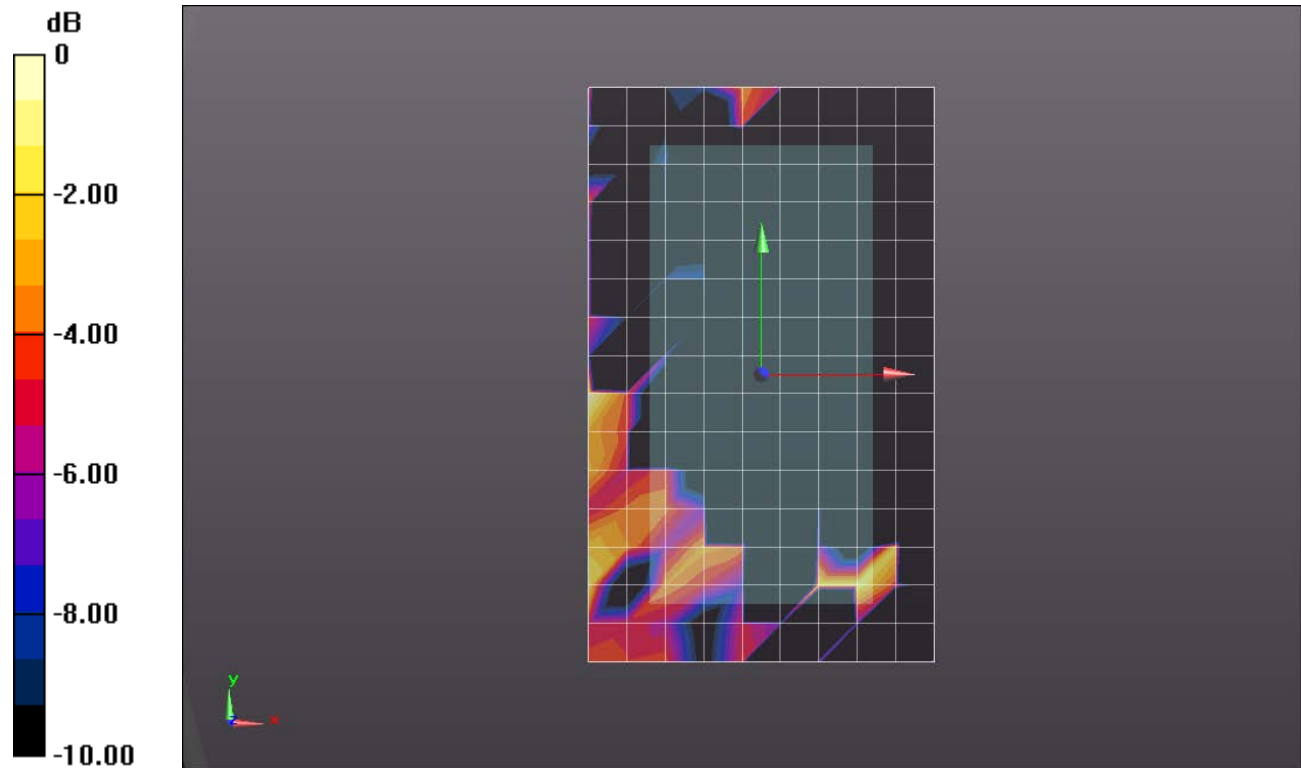
DASY5 Configuration:

- 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: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.68, 6.68, 6.68); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Front/QPSK RB 1/49 ch\_40620/15mm/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.00318 W/kg



0 dB = 0.00318 W/kg = -24.98 dBW/kg

## LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.16$  S/m;  $\epsilon_r = 50.815$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.68, 6.68, 6.68); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Edge 3/QPSK RB 50/24 ch\_40620/10mm/Area Scan (8x10x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.00535 W/kg

**Edge 3/QPSK RB 50/24 ch\_40620/10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

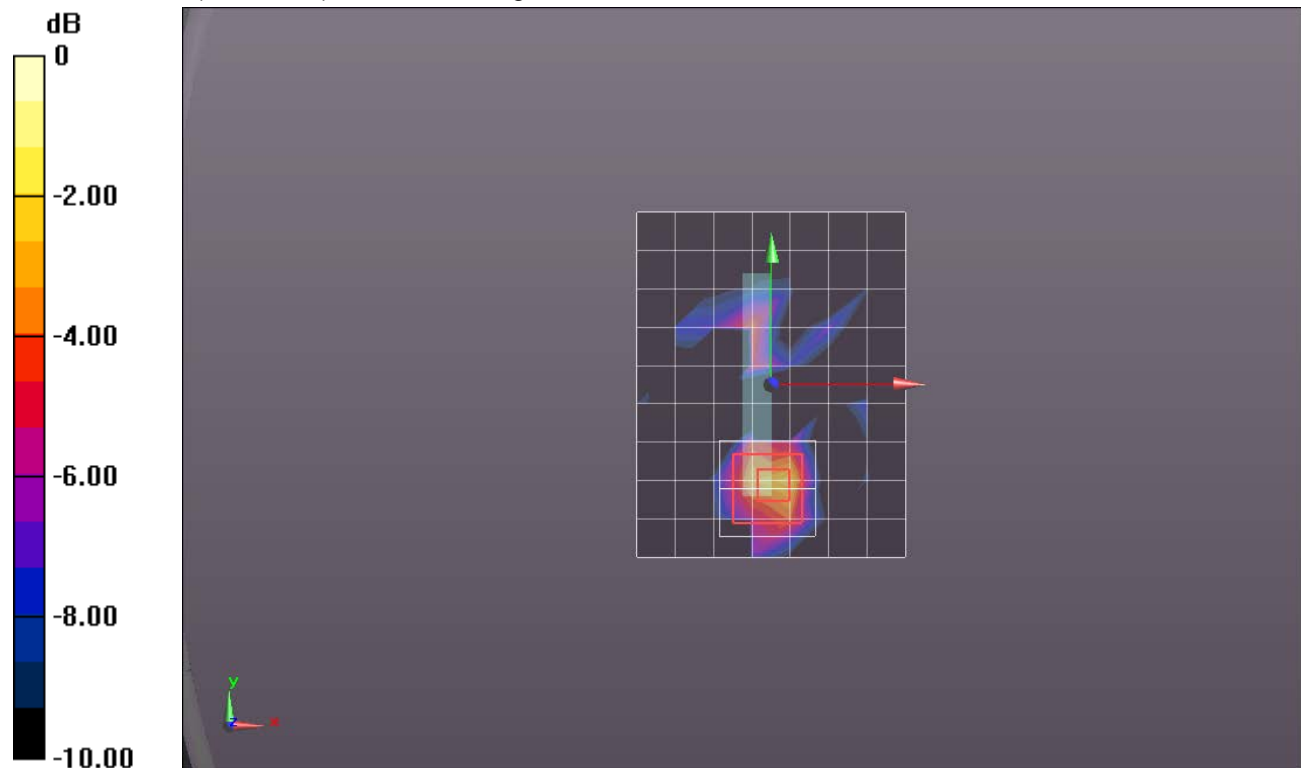
Reference Value = 1.304 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0150 W/kg

**SAR(1 g) = 0.00468 W/kg; SAR(10 g) = 0.00155 W/kg**

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

Maximum value of SAR (measured) = 0.00761 W/kg



0 dB = 0.00761 W/kg = -21.19 dBW/kg

## 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.755 \text{ S/m}$ ;  $\epsilon_r = 40.817$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3902; ConvF(7.18, 7.18, 7.18); Calibrated: 5/19/2015;
- 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\_802.11b\_Chain 0\_ch 6/Area Scan 2 (10x15x1):** Measurement grid: dx=12mm, dy=12mm

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

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

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

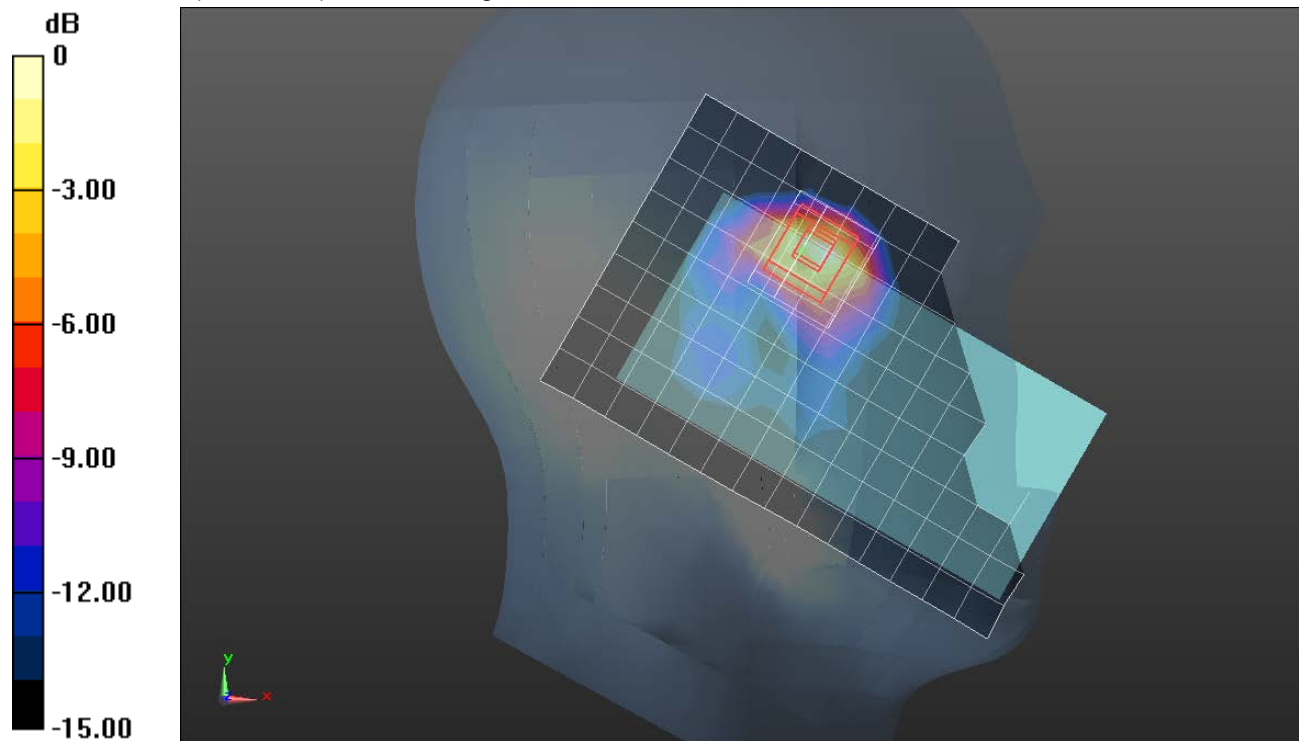
Reference Value = 13.837 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.624 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.092 W/kg**

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

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



0 dB = 0.342 W/kg = -4.66 dBW/kg



## 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.976 \text{ S/m}$ ;  $\epsilon_r = 51.617$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3902; ConvF(7.29, 7.29, 7.29); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/802.11b\_Chain 0 @ 15mm\_ch 6/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0194 W/kg

**Front/802.11b\_Chain 0 @ 15mm\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

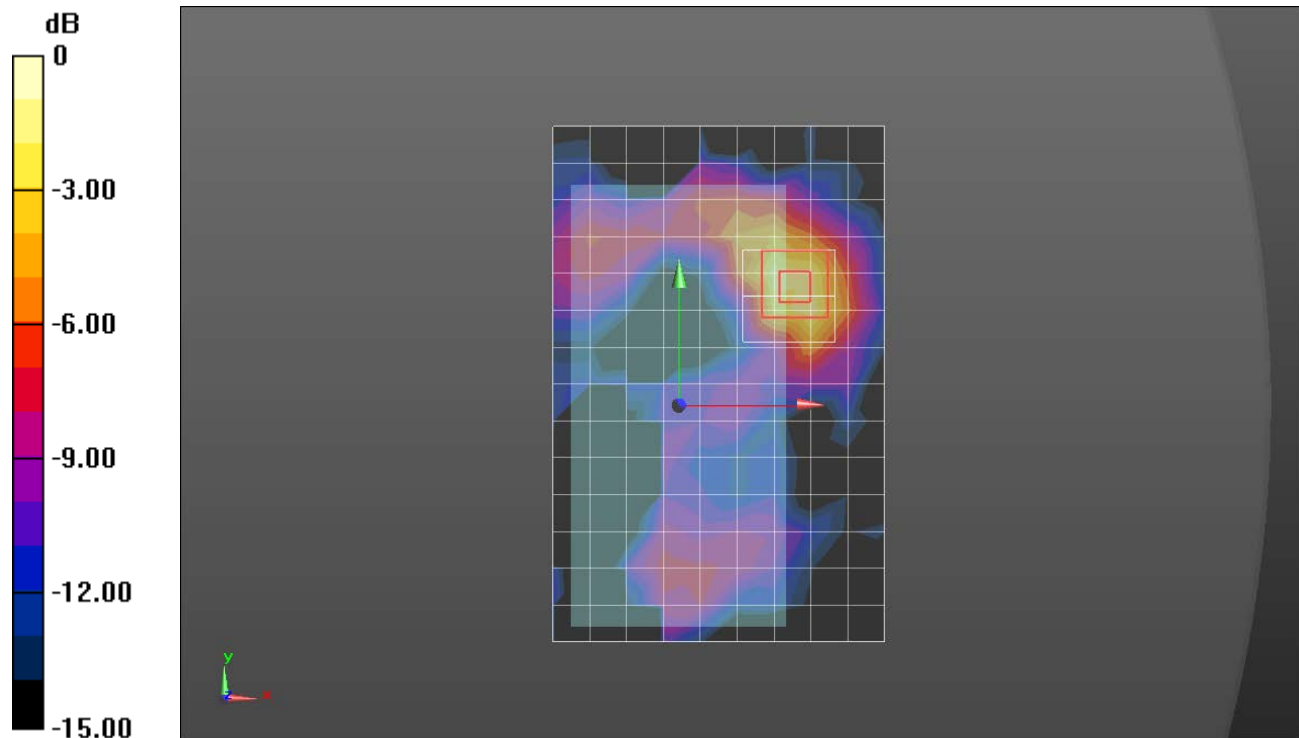
Reference Value = 3.301 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0350 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00939 W/kg**

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

Maximum value of SAR (measured) = 0.0255 W/kg



0 dB = 0.0255 W/kg = -15.93 dBW/kg

## 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.976$  S/m;  $\epsilon_r = 51.617$ ;  $\rho = 1000$  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 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3902; ConvF(7.29, 7.29, 7.29); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Edge 2/802.11b\_Chain 0 @ 10mm\_ch 6/Area Scan (7x15x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0679 W/kg

**Edge 2/802.11b\_Chain 0 @ 10mm\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

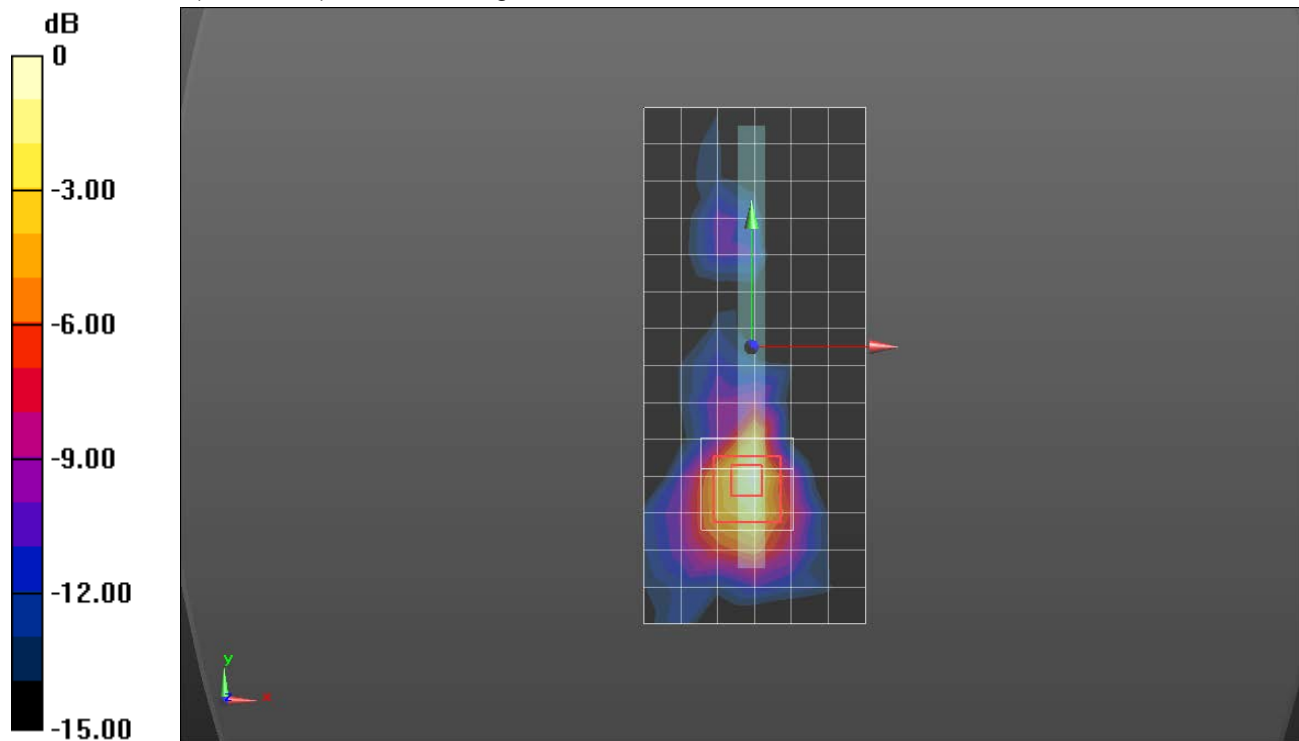
Reference Value = 5.907 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.022 W/kg**

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

Maximum value of SAR (measured) = 0.0717 W/kg



0 dB = 0.0717 W/kg = -11.44 dBW/kg

## Wi-Fi 5.3GHz

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5270 \text{ MHz}$ ;  $\sigma = 4.54 \text{ S/m}$ ;  $\epsilon_r = 35.039$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3991; ConvF(5.35, 5.35, 5.35); Calibrated: 5/19/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

**LHS/Touch\_802.11ac VHT40\_Ch 54 (chain 0)/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.236 W/kg

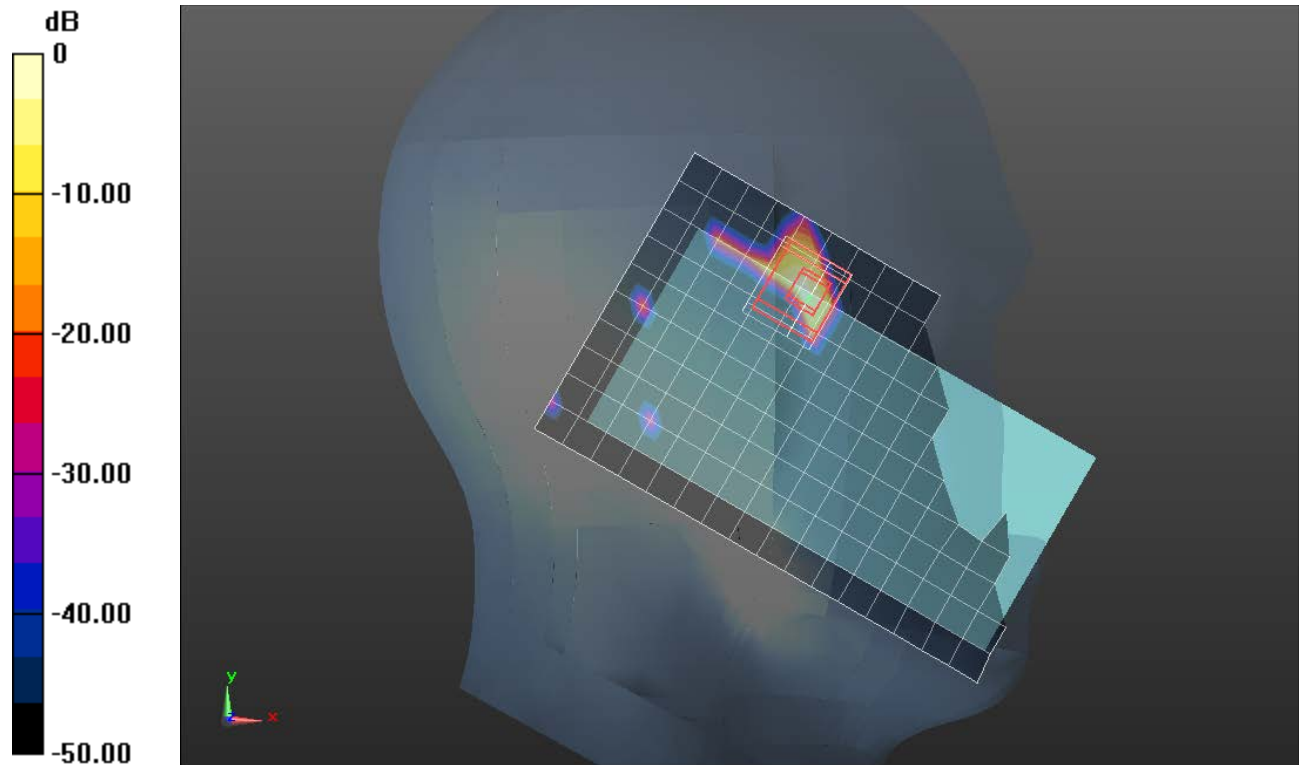
**LHS/Touch\_802.11ac VHT40\_Ch 54 (chain 0)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.550 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.383 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

## Wi-Fi 5GHz

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5270 \text{ MHz}$ ;  $\sigma = 5.425 \text{ S/m}$ ;  $\epsilon_r = 47.58$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3991; ConvF(4.56, 4.56, 4.56); Calibrated: 5/19/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

**Front/802.11ac V HT40\_Ch 54 (chain 0)/Area Scan (11x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0143 W/kg

**Front/802.11ac V HT40\_Ch 54 (chain 0)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

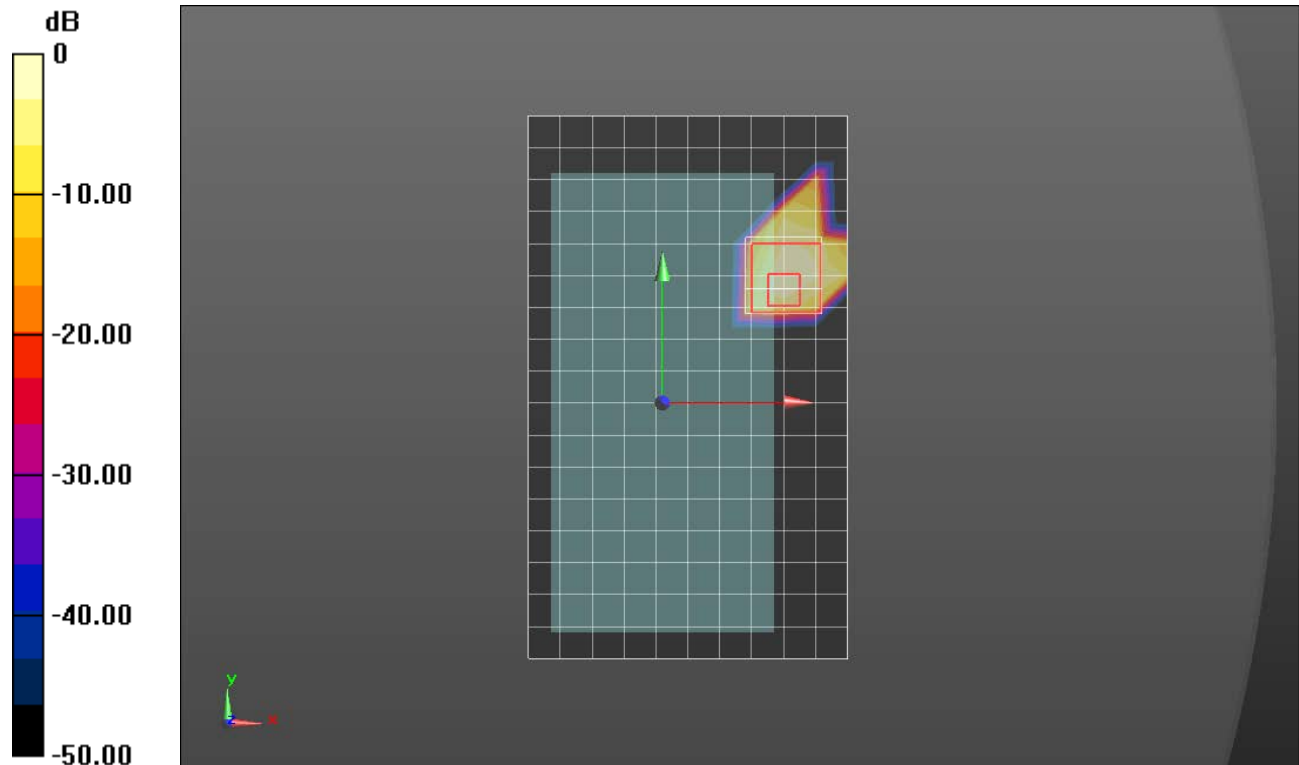
dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.548 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0590 W/kg

**SAR(1 g) = 0.00568 W/kg; SAR(10 g) = 0.00146 W/kg**

Maximum value of SAR (measured) = 0.0145 W/kg



0 dB = 0.0145 W/kg = -18.39 dBW/kg

## Wi-Fi 5.5GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 4.886$  S/m;  $\epsilon_r = 34.603$ ;  $\rho = 1000$  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 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3991; ConvF(4.91, 4.91, 4.91); Calibrated: 5/19/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

### LHS/Touch\_802.11ac V HT80\_Ch 122 (chain 0)/Area Scan (11x17x1): Measurement grid:

$dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.482 W/kg

### LHS/Touch\_802.11ac V HT80\_Ch 122 (chain 0)/Zoom Scan (7x7x12)/Cube 0: Measurement

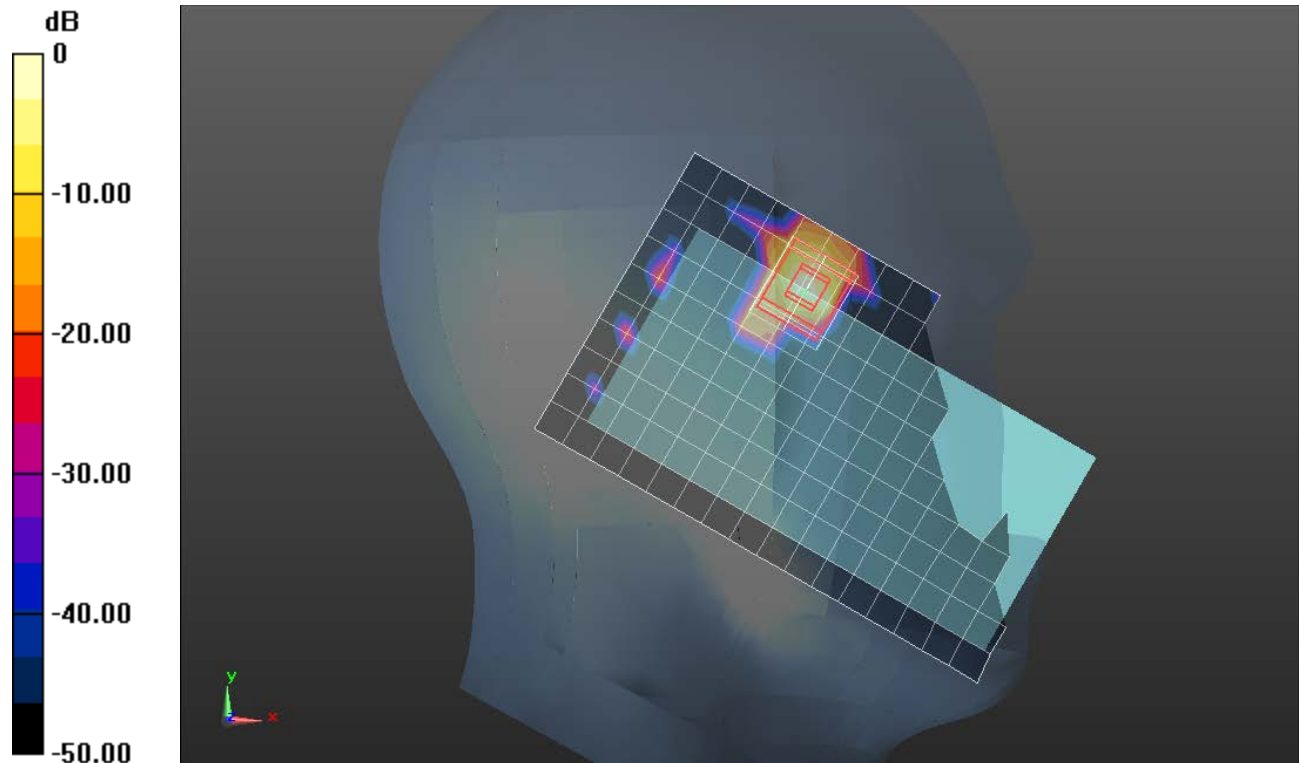
grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 9.313 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.032 W/kg**

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



0 dB = 0.461 W/kg = -3.36 dBW/kg

## Wi-Fi 5GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5610 \text{ MHz}$ ;  $\sigma = 5.864 \text{ S/m}$ ;  $\epsilon_r = 47.003$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3991; ConvF(4.12, 4.12, 4.12); Calibrated: 5/19/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

**Front/802.11ac V HT80\_Ch 122 (chain 0)/Area Scan (11x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0435 W/kg

**Front/802.11ac V HT80\_Ch 122 (chain 0)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

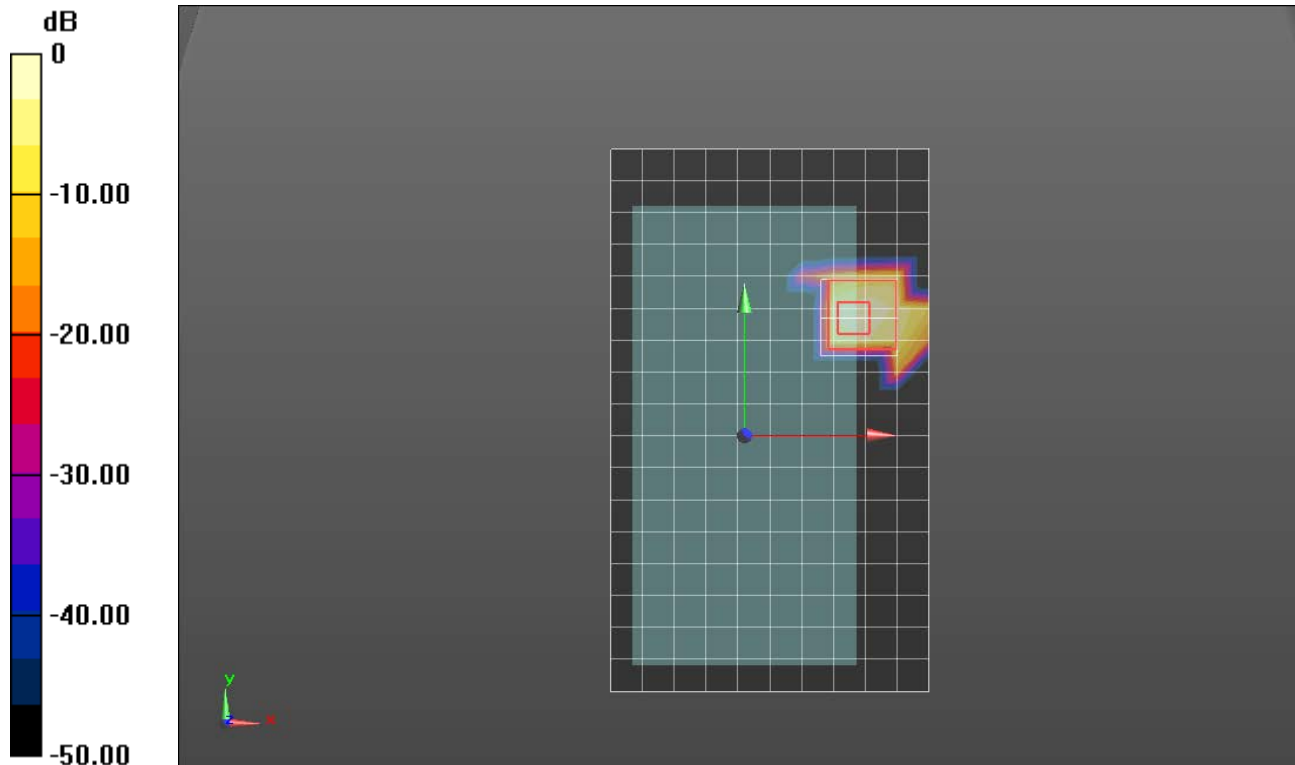
dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.750 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.152 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00652 W/kg**

Maximum value of SAR (measured) = 0.0509 W/kg



0 dB = 0.0509 W/kg = -12.93 dBW/kg

## Wi-Fi 5.8GHz

Frequency: 5755 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5755 \text{ MHz}$ ;  $\sigma = 5.041 \text{ S/m}$ ;  $\epsilon_r = 34.46$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3991; ConvF(4.88, 4.88, 4.88); Calibrated: 5/19/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

### LHS/Touch\_802.11ac V HT80\_Ch 151 (chain 0)/Area Scan (11x17x1): Measurement grid:

$dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.692 W/kg

### LHS/Touch\_802.11ac V HT80\_Ch 151 (chain 0)/Zoom Scan (7x7x12)/Cube 0: Measurement

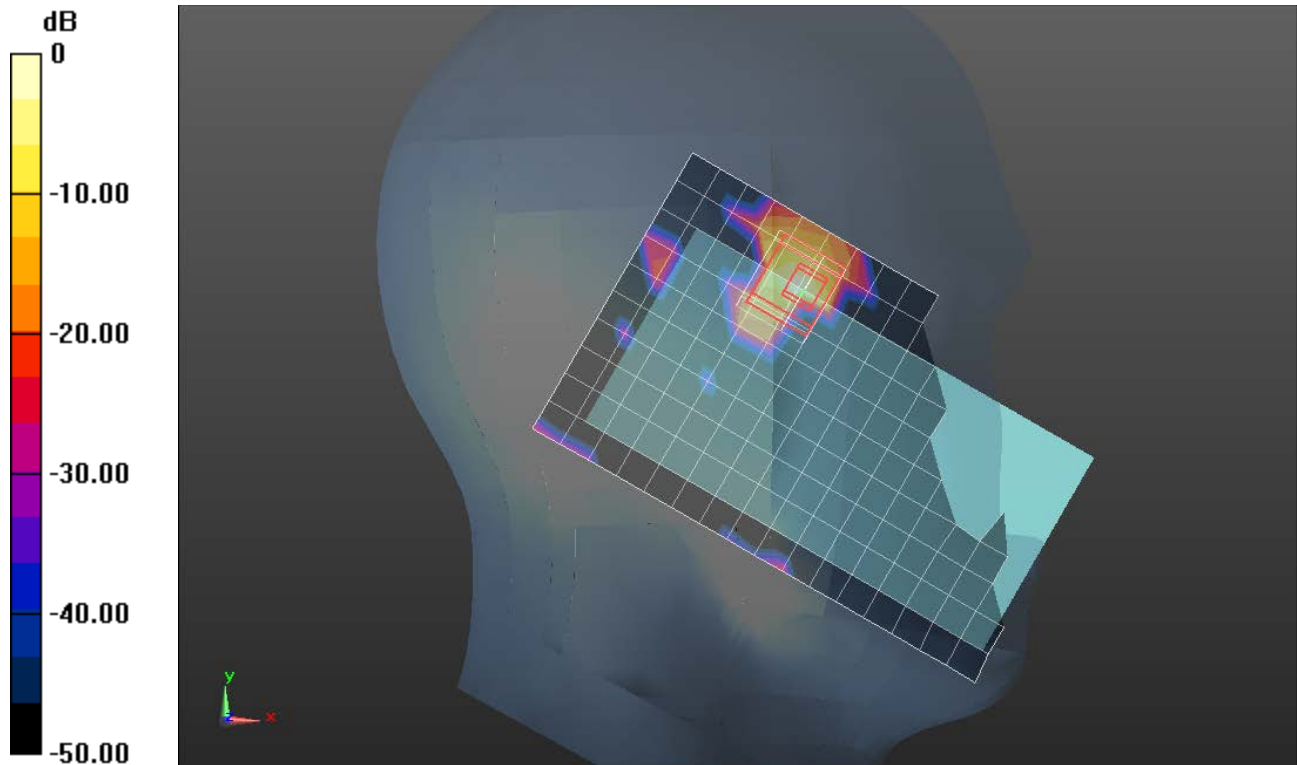
grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 11.454 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

## Wi-Fi 5GHz

Frequency: 5755 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5755 \text{ MHz}$ ;  $\sigma = 6.068 \text{ S/m}$ ;  $\epsilon_r = 46.788$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3991; ConvF(4.23, 4.23, 4.23); Calibrated: 5/19/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

**Front/802.11n HT40\_Ch 151 (chain 0)/Area Scan (11x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0401 W/kg

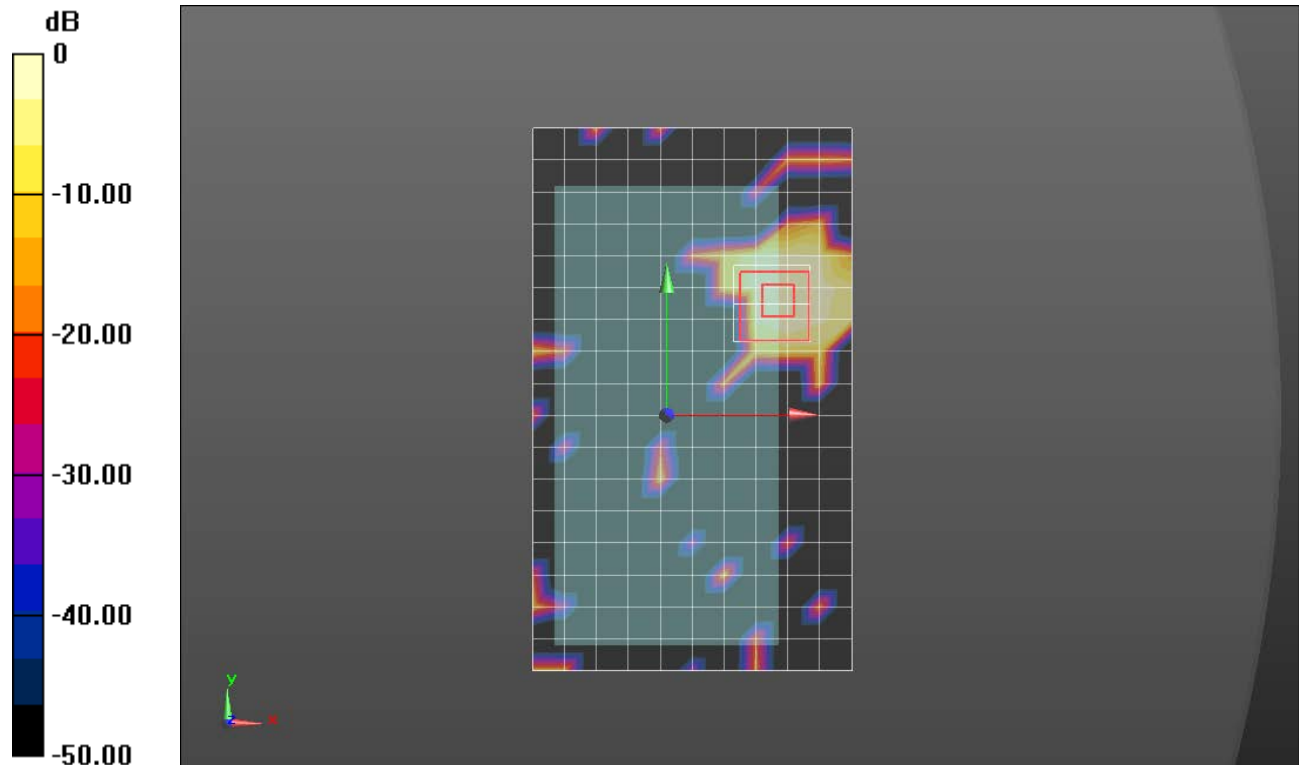
**Front/802.11n HT40\_Ch 151 (chain 0)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.008 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.141 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00445 W/kg**

Maximum value of SAR (measured) = 0.0308 W/kg



0 dB = 0.0308 W/kg = -15.11 dBW/kg