

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Touch\_QPSK\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.550 mW/g

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

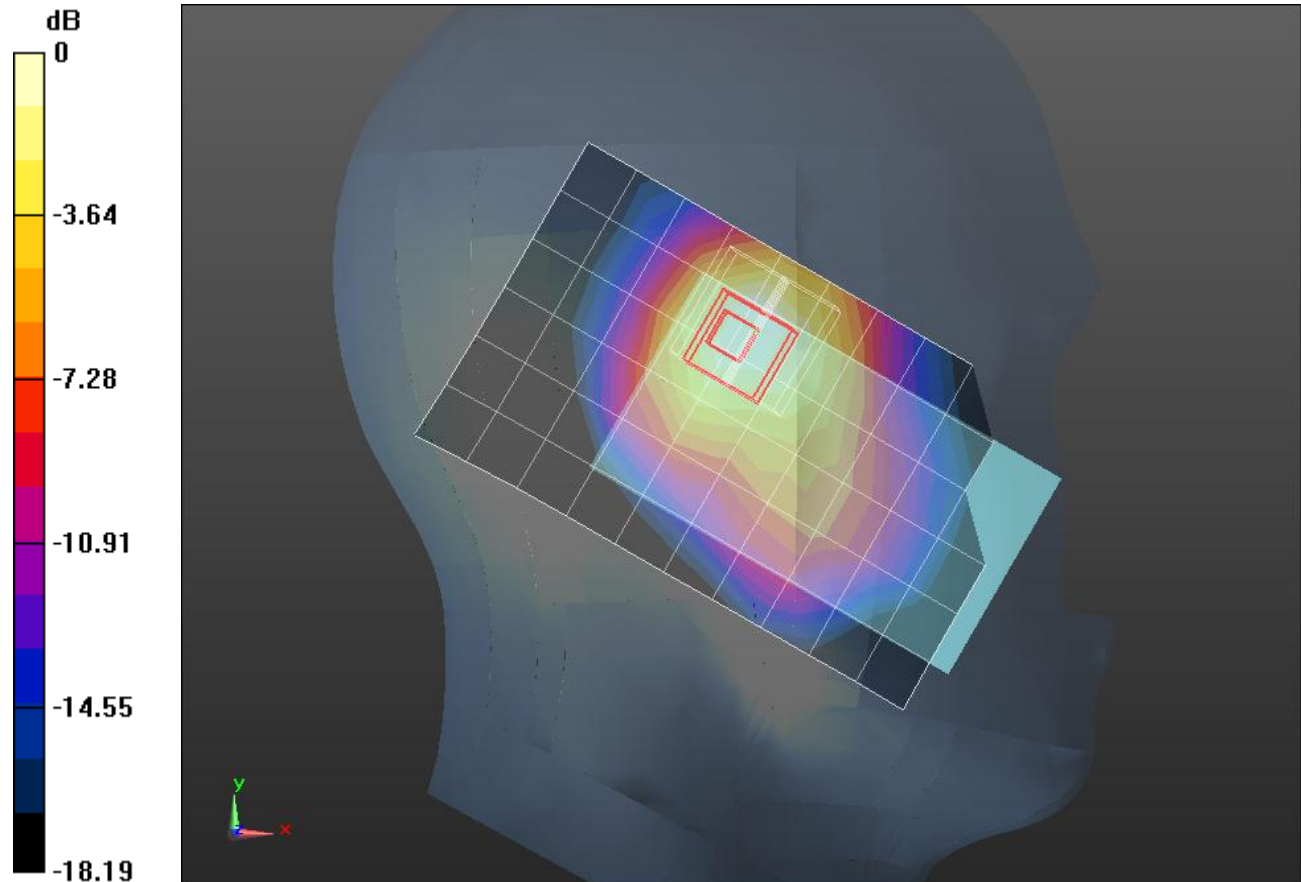
Reference Value = 20.381 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.8100

**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.256 mW/g**

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

Maximum value of SAR (measured) = 0.556 mW/g



0 dB = 0.560mW/g = -5.04 dB mW/g

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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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Touch\_QPSK\_RB 1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.805 mW/g

**Left/Touch\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

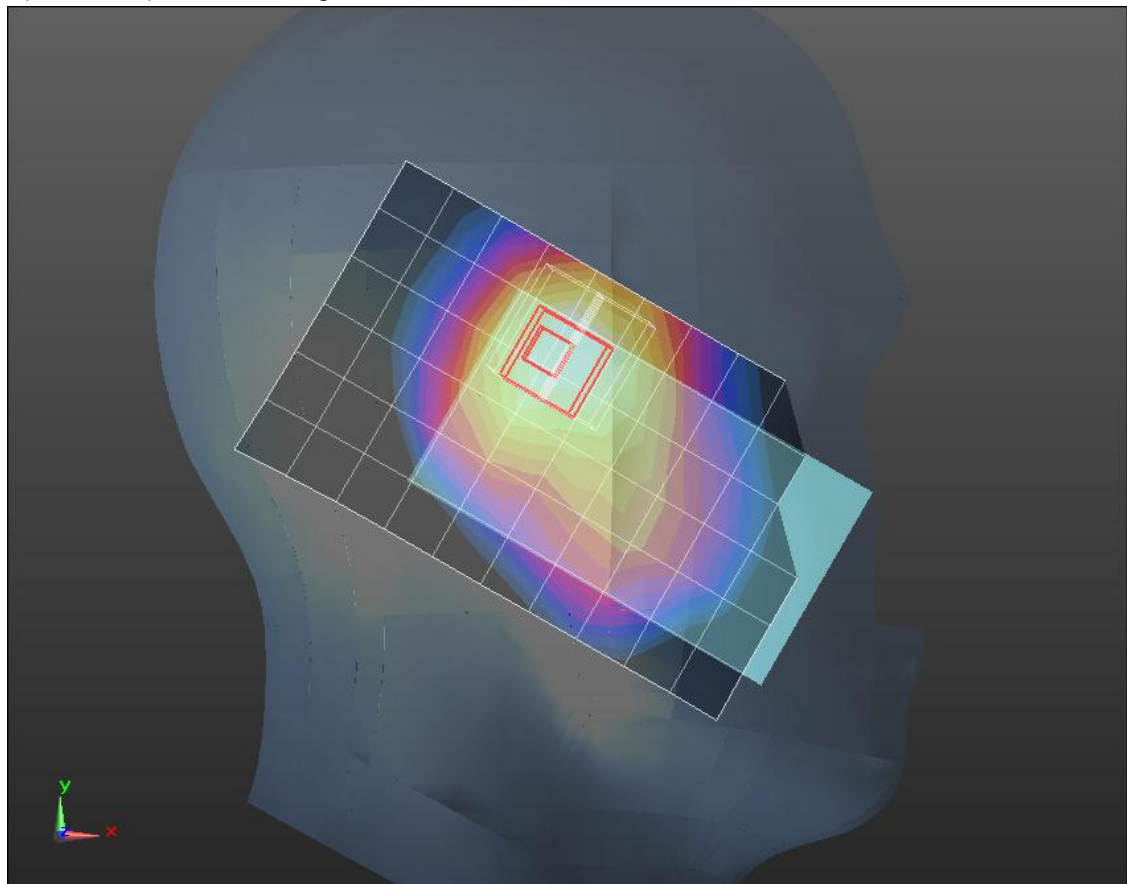
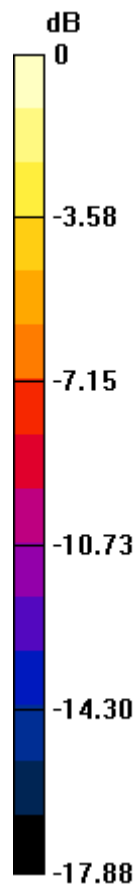
Reference Value = 25.042 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.1990

**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.379 mW/g**

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

Maximum value of SAR (measured) = 0.816 mW/g



0 dB = 0.820mW/g = -1.72 dB mW/g

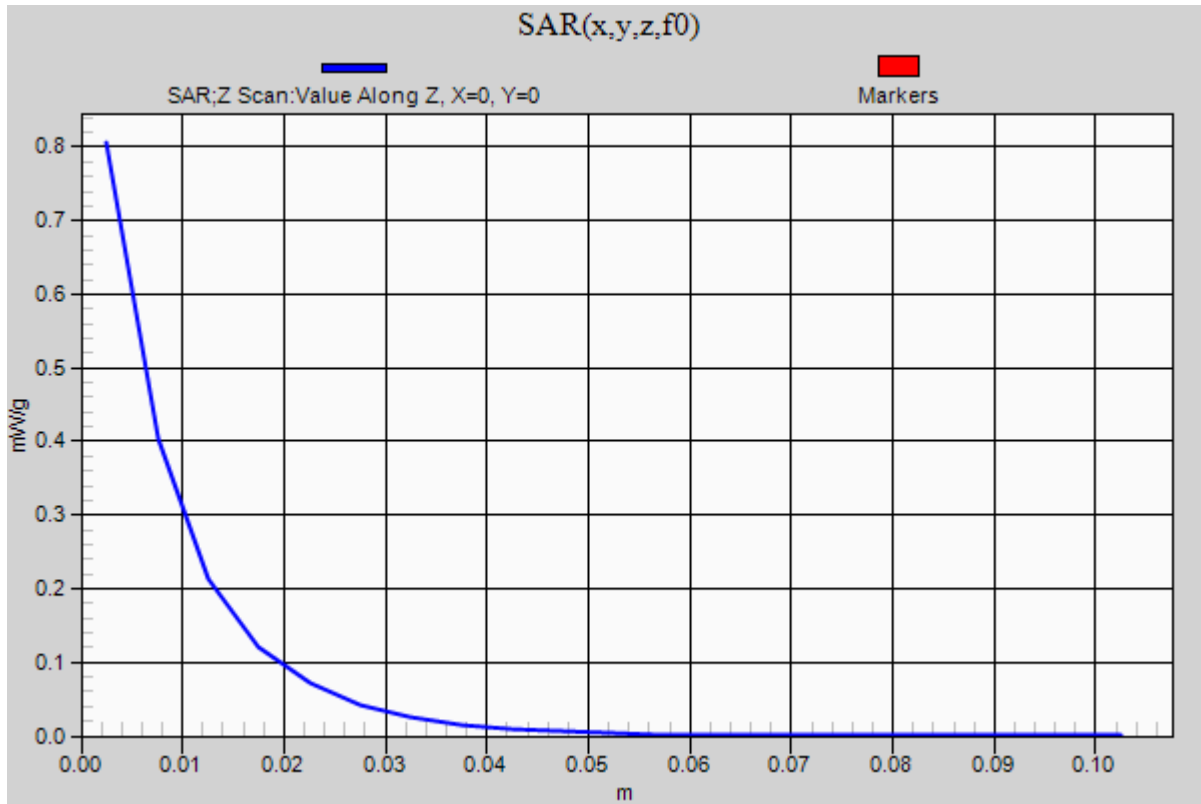
## LTE Band4\_Head

Frequency: 1732.5 MHz; Duty Cycle: 1:1

**Left/Touch\_QPSK\_RB 1/49\_M ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.806 mW/g



## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Touch\_QPSK\_RB 25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.565 mW/g

**Left/Touch\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

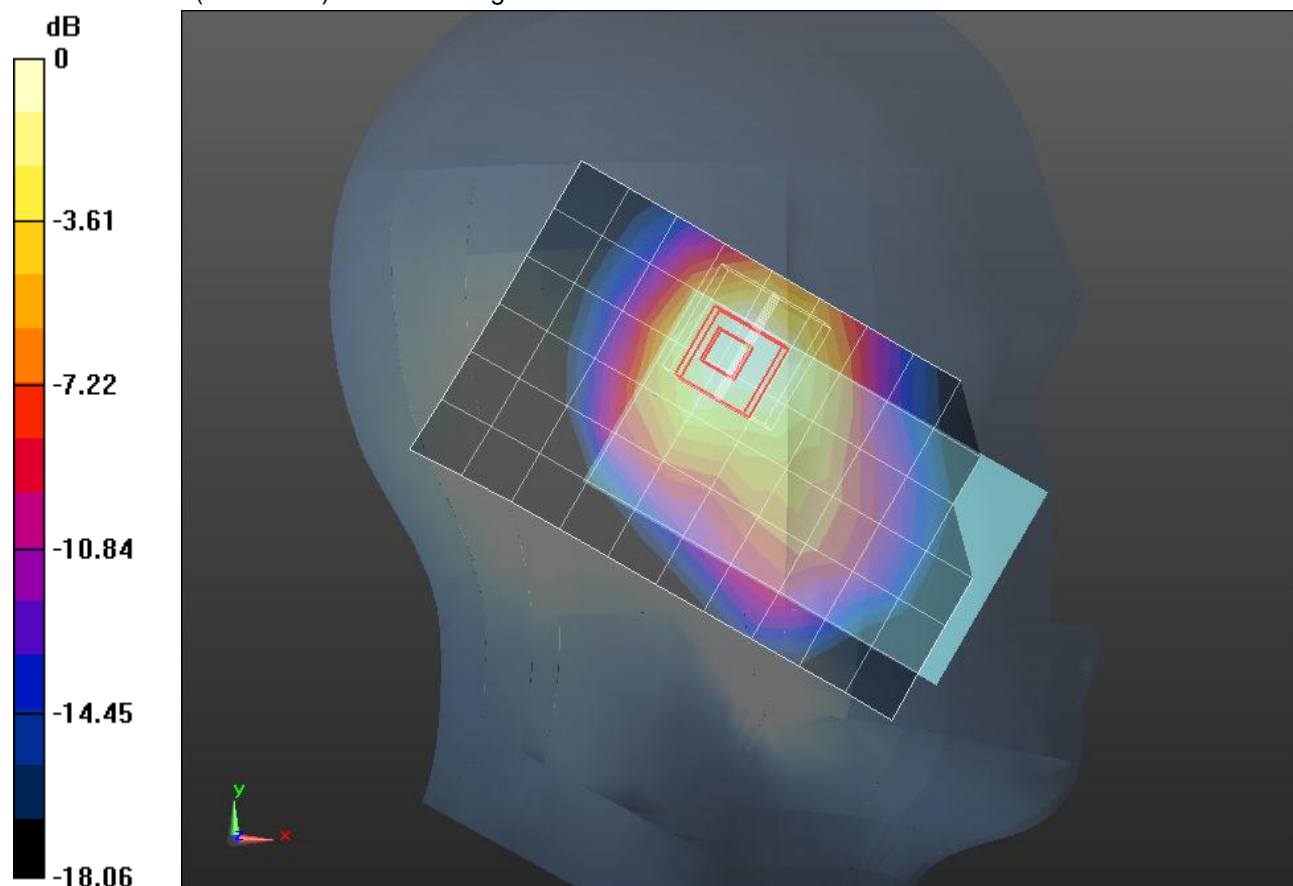
Reference Value = 20.957 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.8180

**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.259 mW/g**

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

Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.560mW/g = -5.04 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Touch\_16QAM\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.470 mW/g

**Left/Touch\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

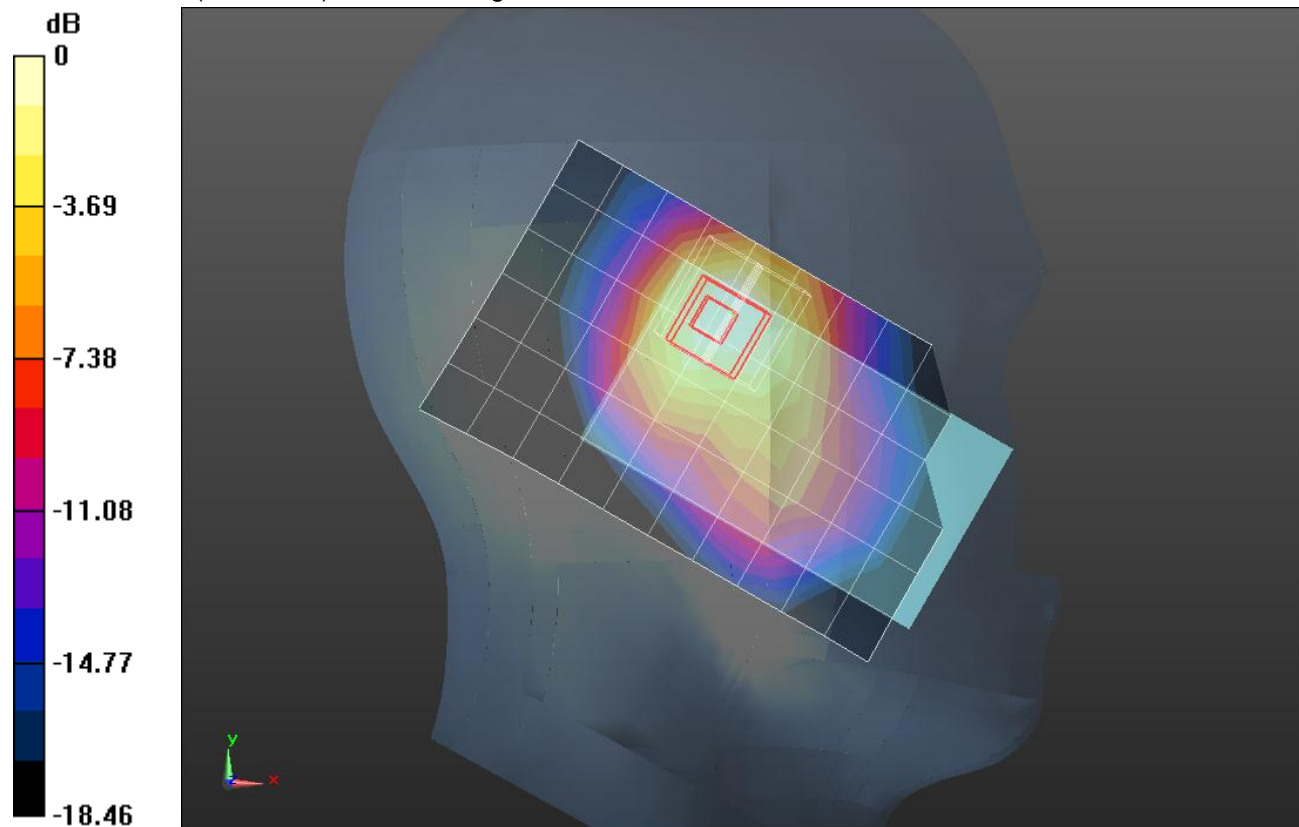
Reference Value = 18.892 V/m; Power Drift = 0.00016 dB

Peak SAR (extrapolated) = 0.6970

**SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.222 mW/g**

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

Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.480mW/g = -6.38 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Touch\_16QAM\_RB 1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.700 mW/g

**Left/Touch\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

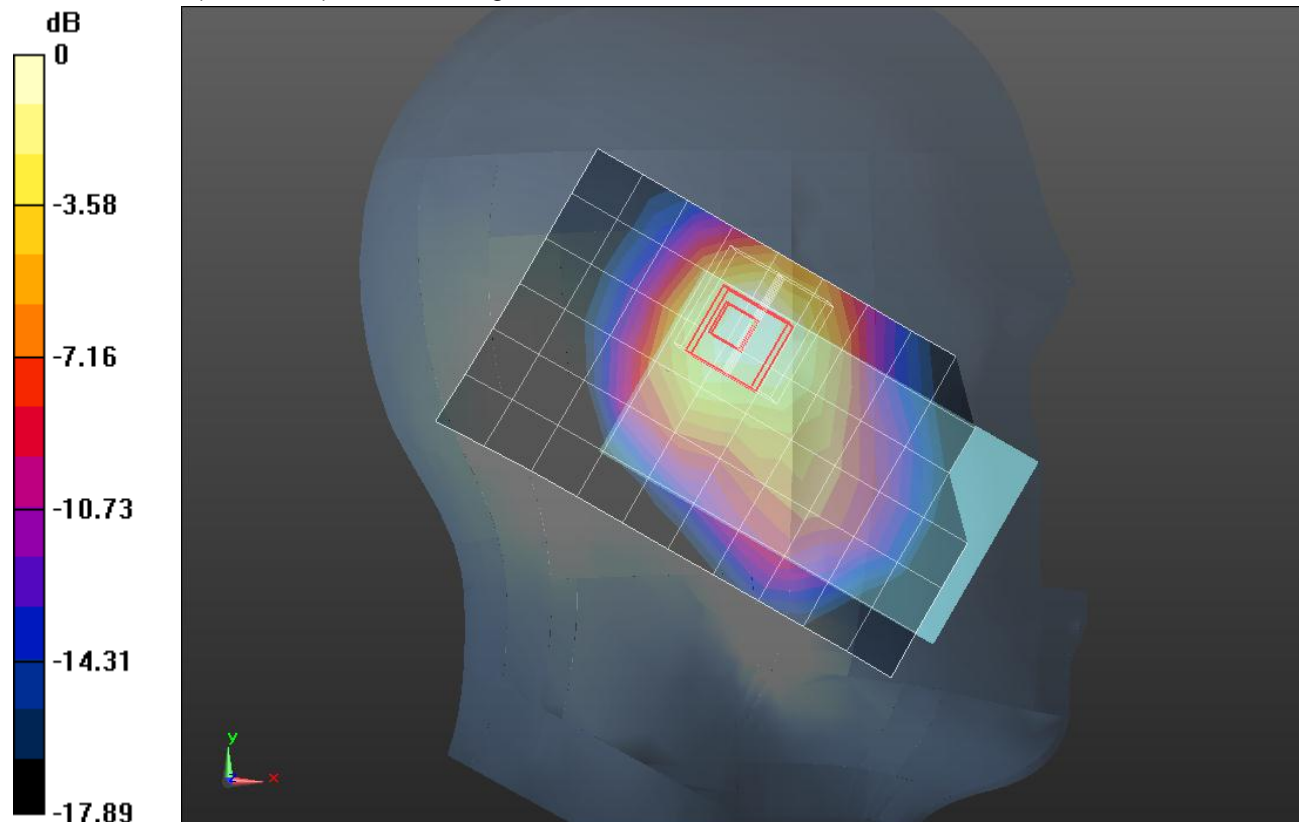
Reference Value = 23.522 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.0350

**SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.326 mW/g**

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

Maximum value of SAR (measured) = 0.714 mW/g



0 dB = 0.710mW/g = -2.97 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Touch\_16QAM\_RB 25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.485 mW/g

**Left/Touch\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

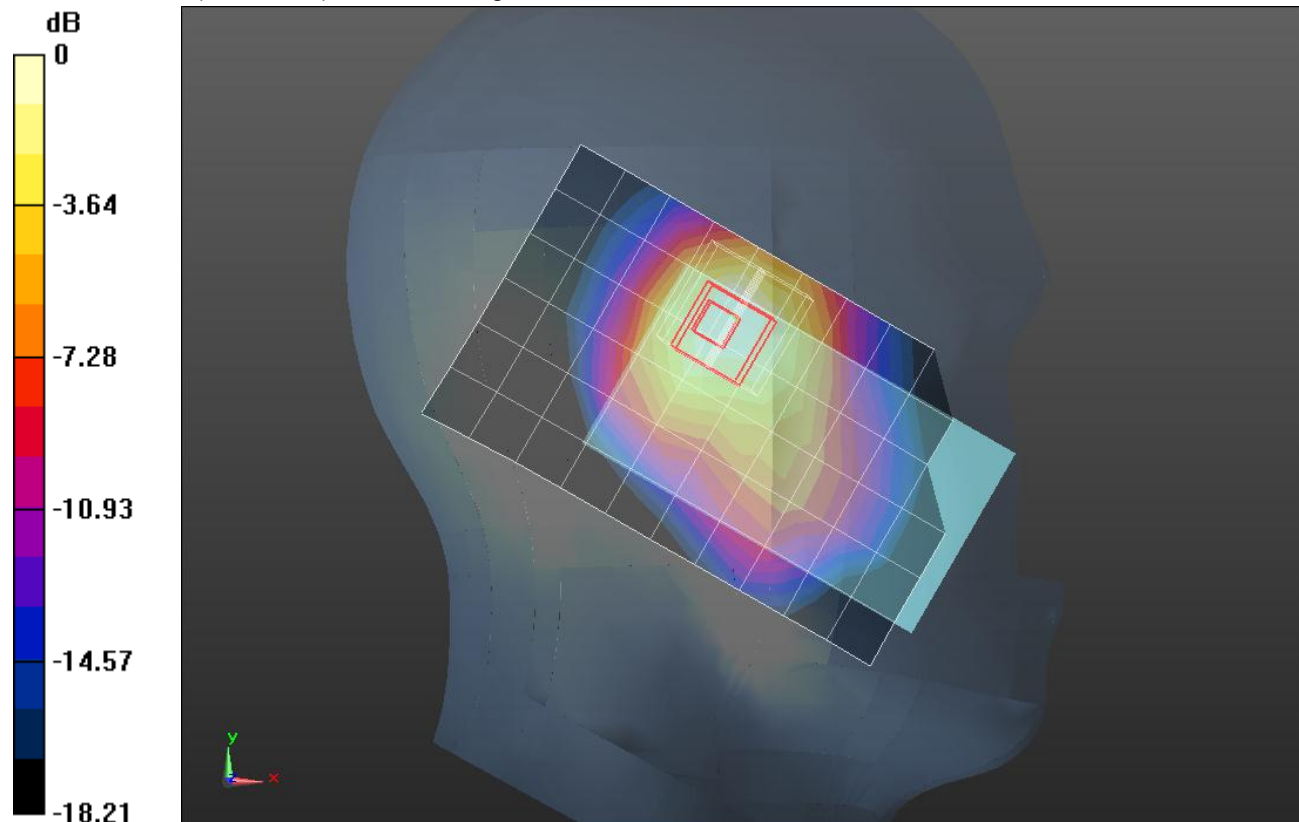
Reference Value = 19.434 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.7000

**SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.224 mW/g**

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

Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.480mW/g = -6.38 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Tilt\_QPSK\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.370 mW/g

**Left/Tilt\_QPSK\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

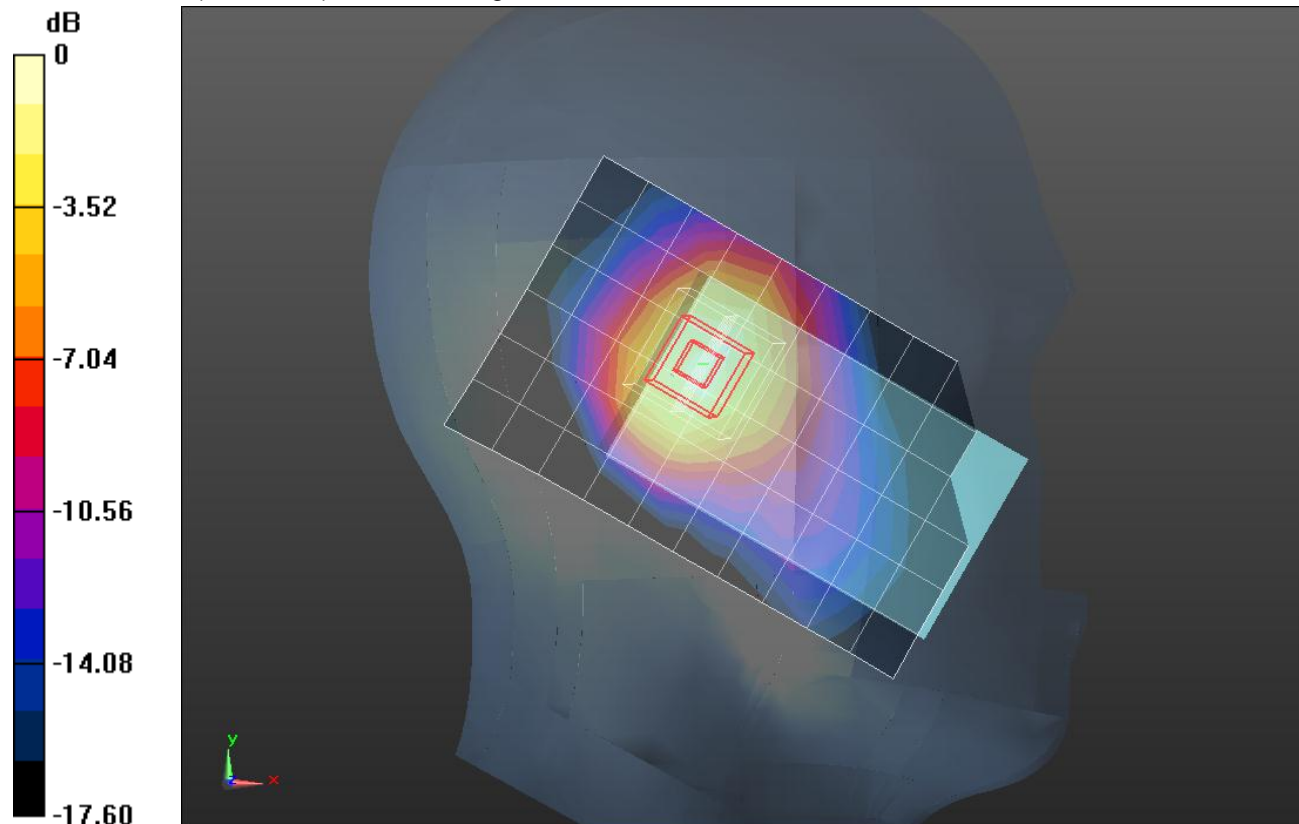
Reference Value = 17.019 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5360

**SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.205 mW/g**

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

Maximum value of SAR (measured) = 0.430 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g



## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Tilt\_QPSK\_RB1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.519 mW/g

**Left/Tilt\_QPSK\_RB1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

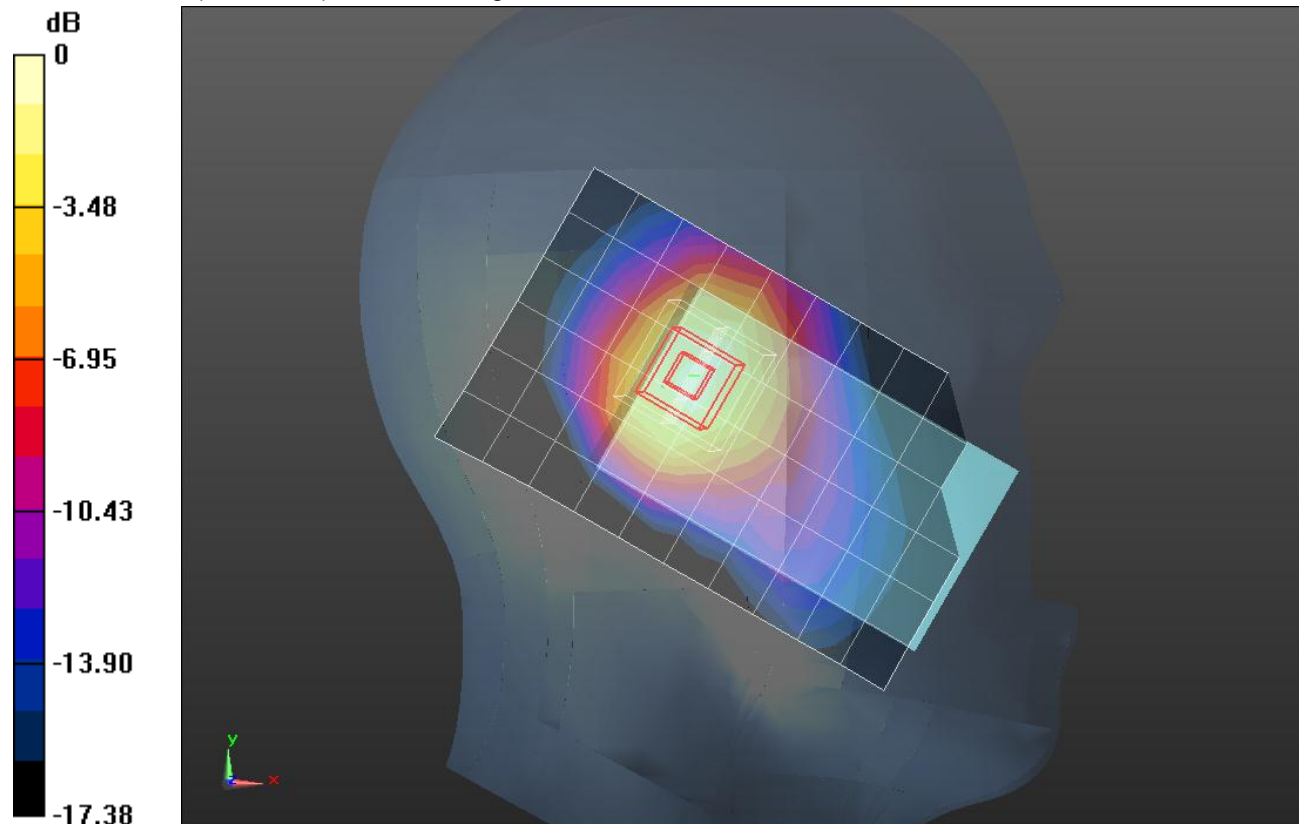
Reference Value = 20.206 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.7430

**SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.286 mW/g**

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

Maximum value of SAR (measured) = 0.597 mW/g



0 dB = 0.600mW/g = -4.44 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Tilt\_QPSK\_RB25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.361 mW/g

**Left/Tilt\_QPSK\_RB25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

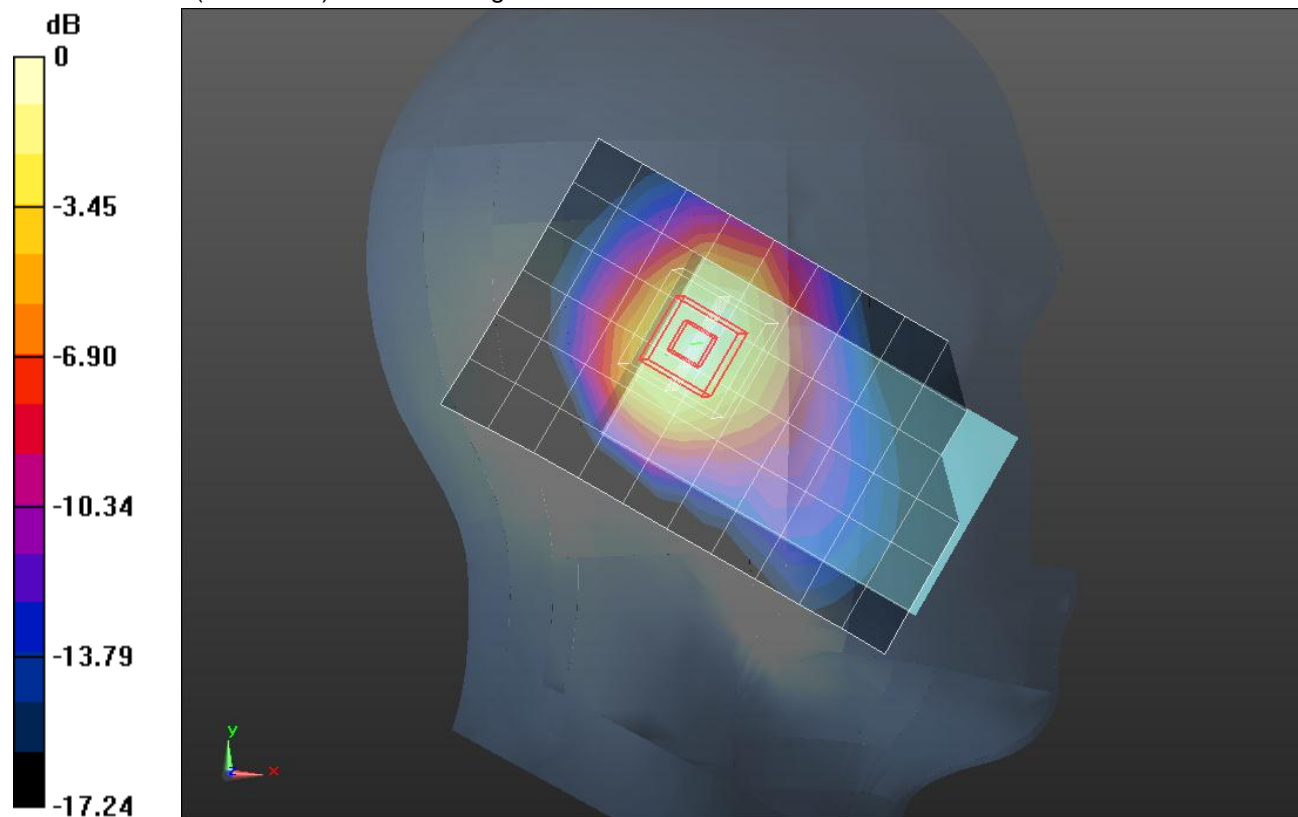
Reference Value = 16.896 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.5210

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.199 mW/g**

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

Maximum value of SAR (measured) = 0.418 mW/g



0 dB = 0.420mW/g = -7.54 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Tilt\_16QAM\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.371 mW/g

**Left/Tilt\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

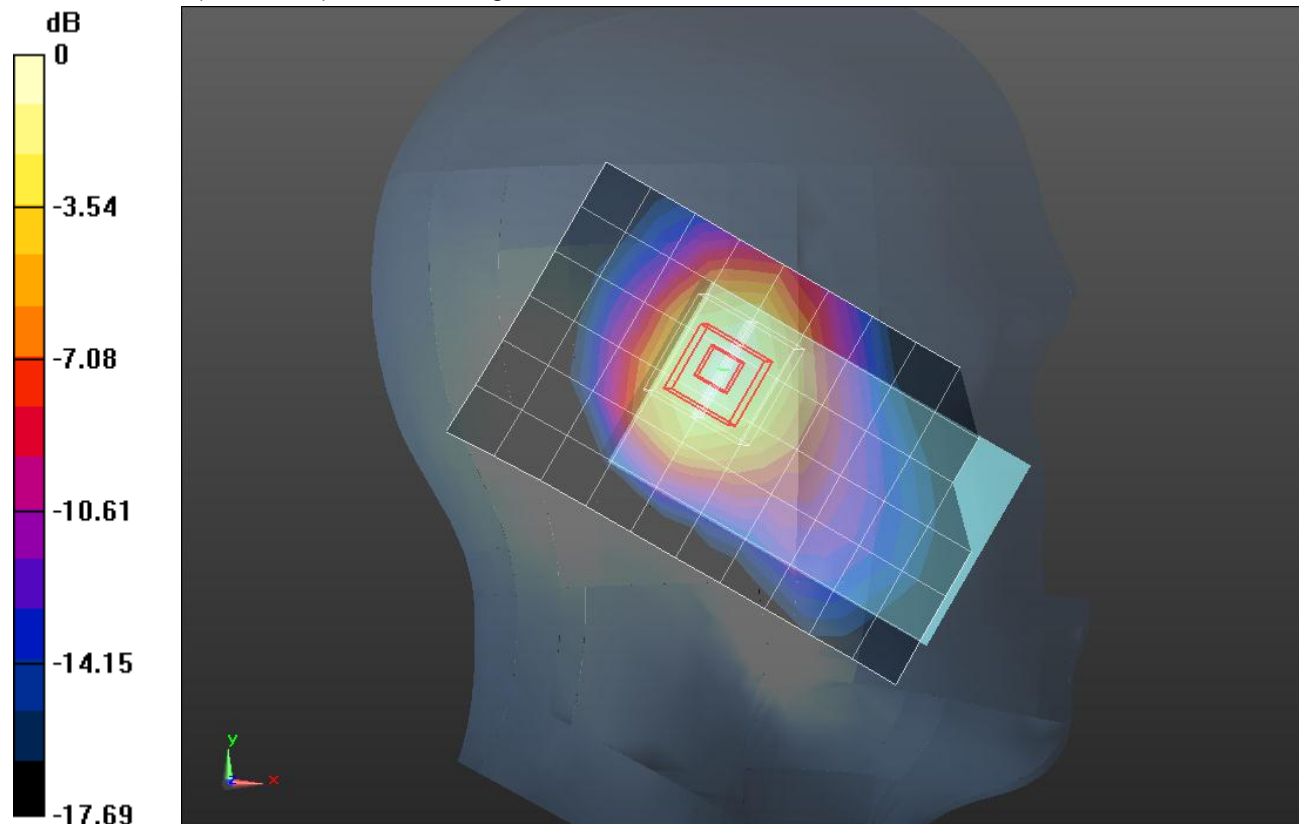
Reference Value = 17.022 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.5150

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.192 mW/g**

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

Maximum value of SAR (measured) = 0.413 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Tilt\_16QAM\_RB1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.433 mW/g

**Left/Tilt\_16QAM\_RB1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

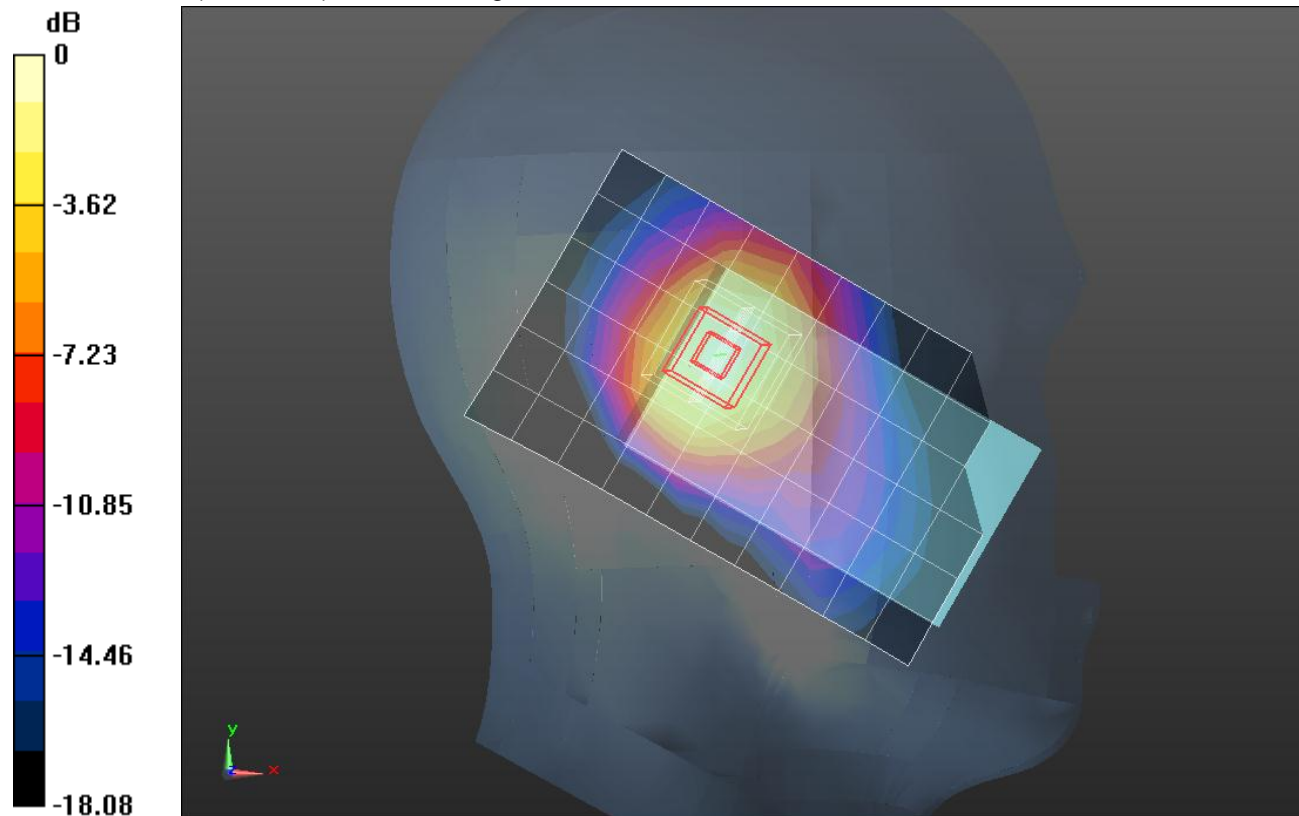
Reference Value = 17.235 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.6210

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.237 mW/g**

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

Maximum value of SAR (measured) = 0.498 mW/g



0 dB = 0.500mW/g = -6.02 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Left/Tilt\_16QAM\_RB25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.359 mW/g

**Left/Tilt\_16QAM\_RB25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

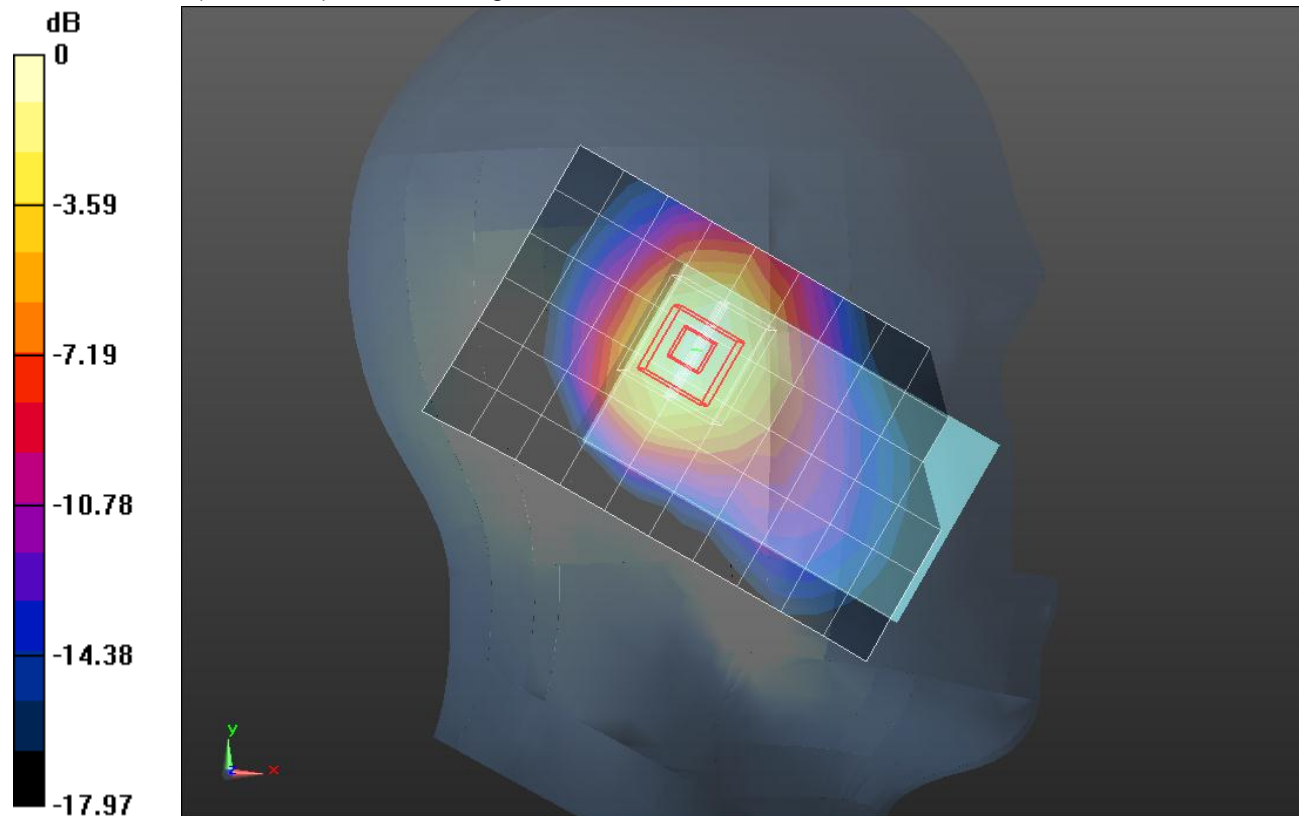
Reference Value = 16.745 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.4930

**SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.182 mW/g**

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

Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Touch\_QPSK\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.433 mW/g

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

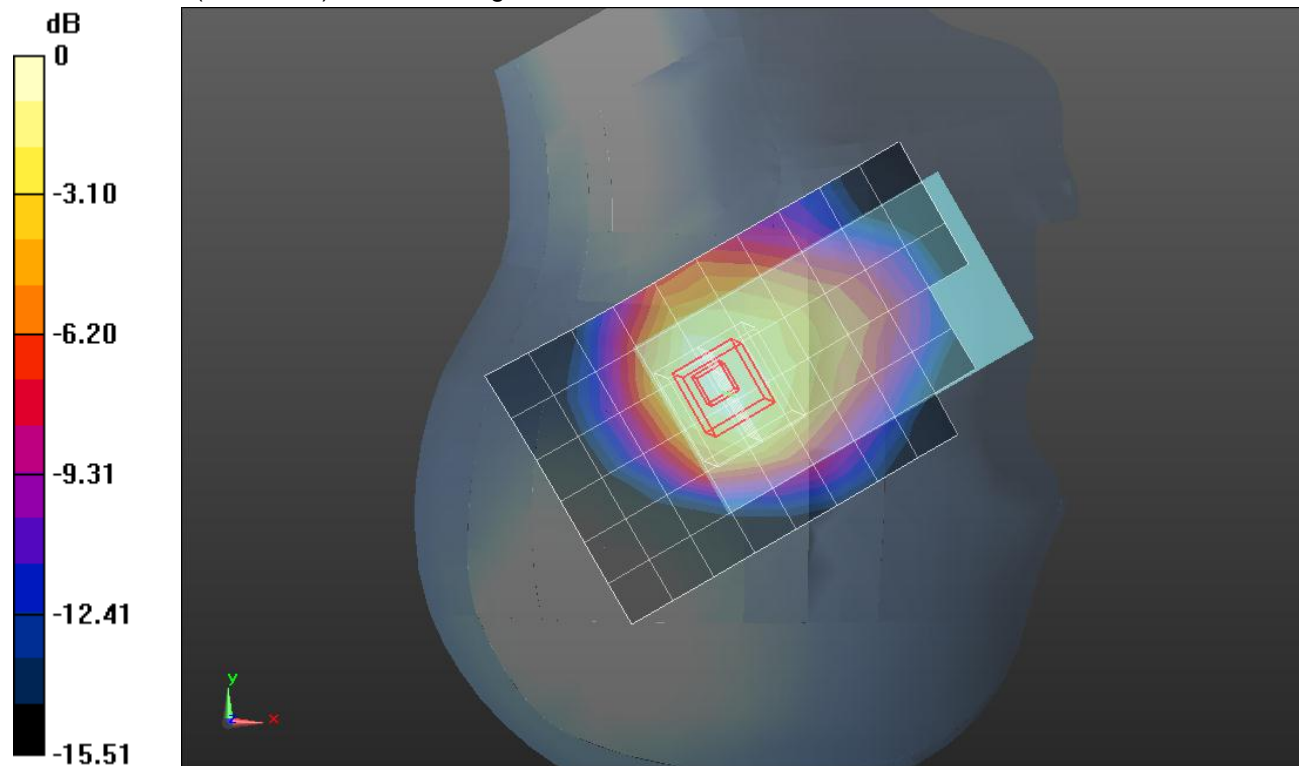
Reference Value = 18.255 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5670

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.221 mW/g**

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

Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.450mW/g = -6.94 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Touch\_QPSK\_RB 1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.597 mW/g

**Right/Touch\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

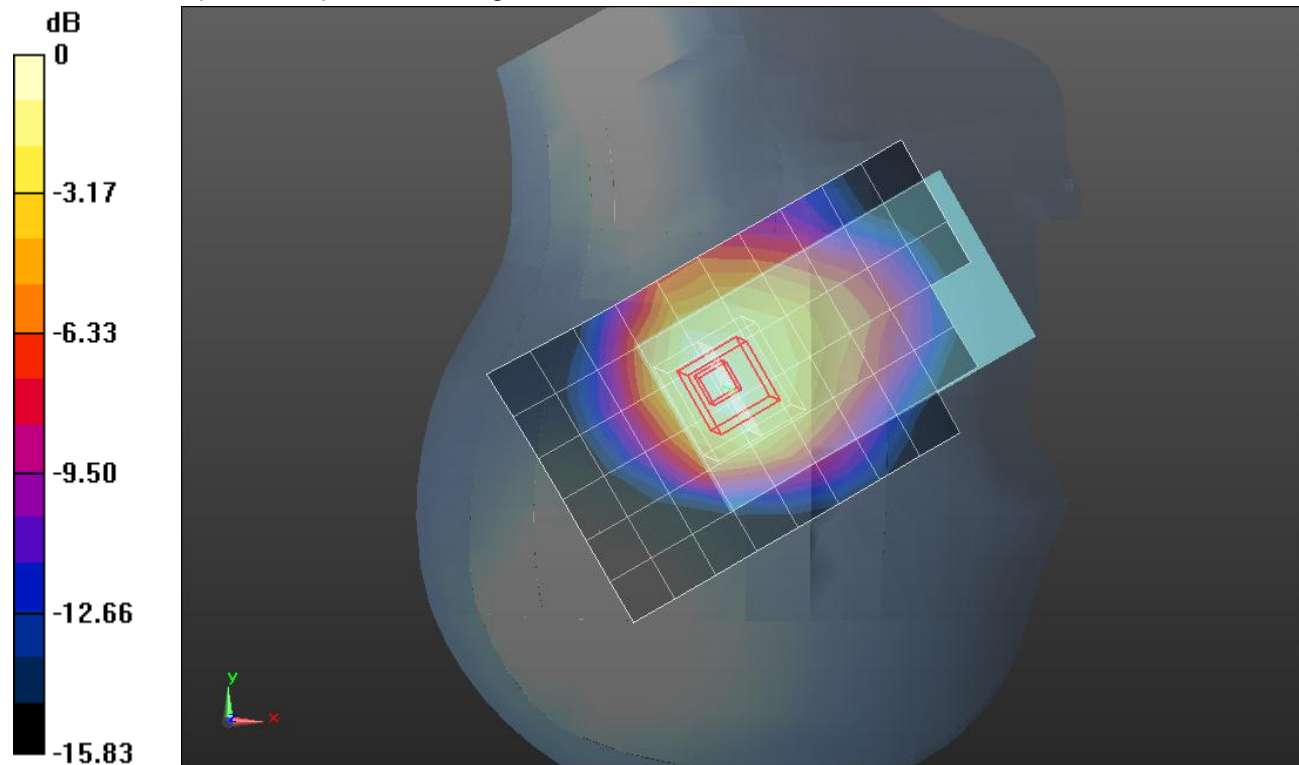
Reference Value = 21.324 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.7770

**SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.307 mW/g**

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

Maximum value of SAR (measured) = 0.620 mW/g



0 dB = 0.620mW/g = -4.15 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Touch\_QPSK\_RB 25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.438 mW/g

**Right/Touch\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

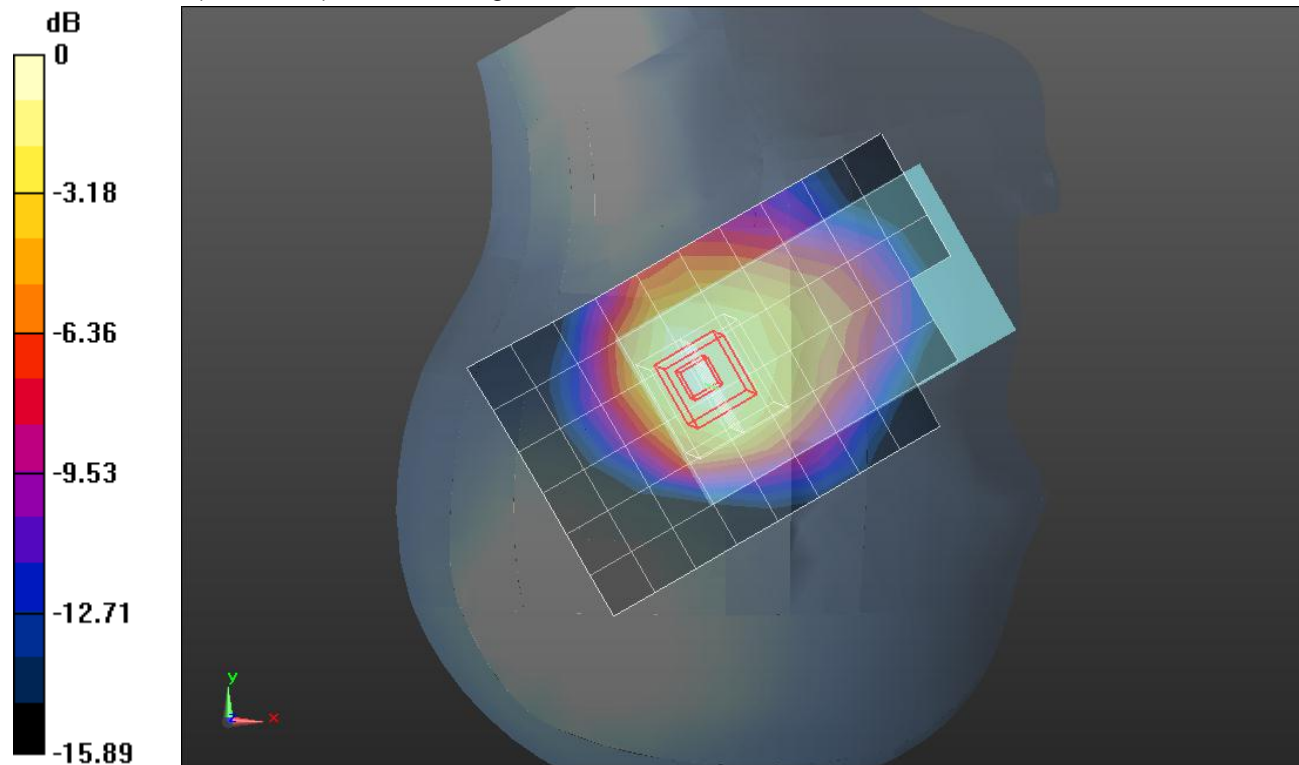
Reference Value = 18.496 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5890

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.228 mW/g**

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

Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.470mW/g = -6.56 dB mW/g



## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Touch\_16QAM\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.337 mW/g

**Right/Touch\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

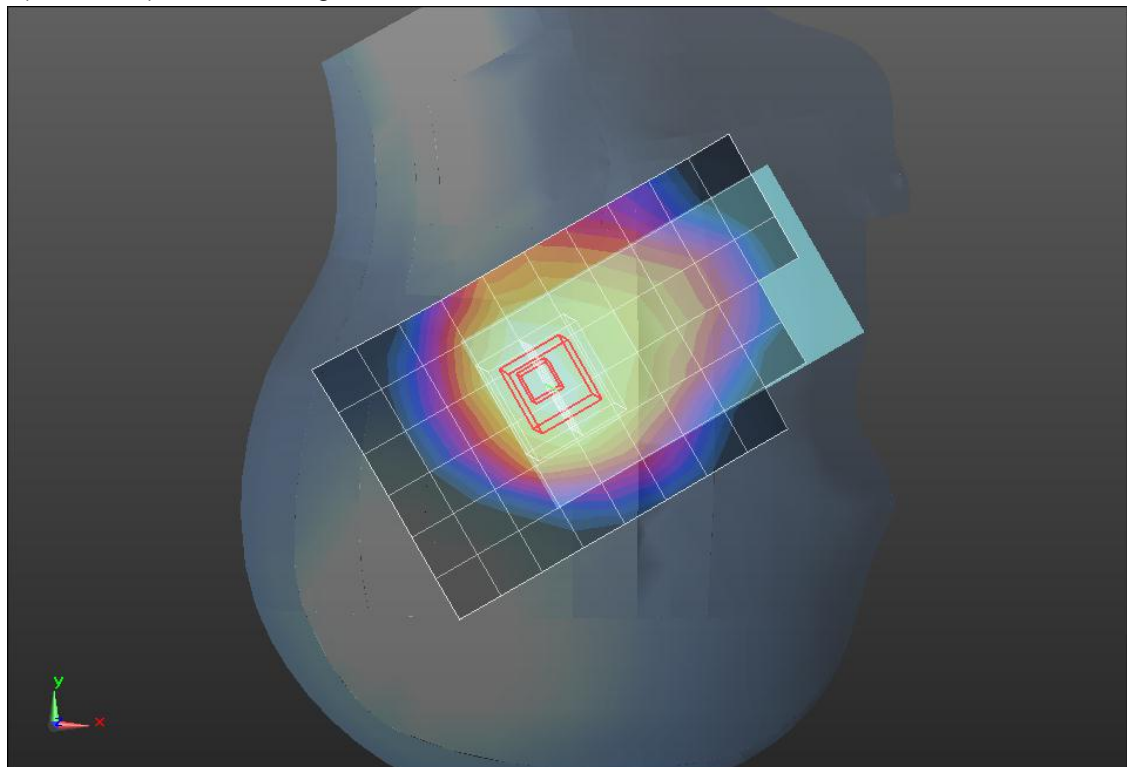
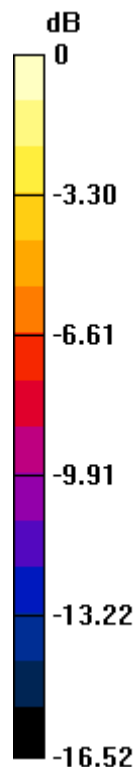
Reference Value = 15.818 V/m; Power Drift = -0.00016 dB

Peak SAR (extrapolated) = 0.4190

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.168 mW/g**

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

Maximum value of SAR (measured) = 0.342 mW/g



0 dB = 0.340mW/g = -9.37 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Touch\_16QAM\_RB 1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.519 mW/g

**Right/Touch\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

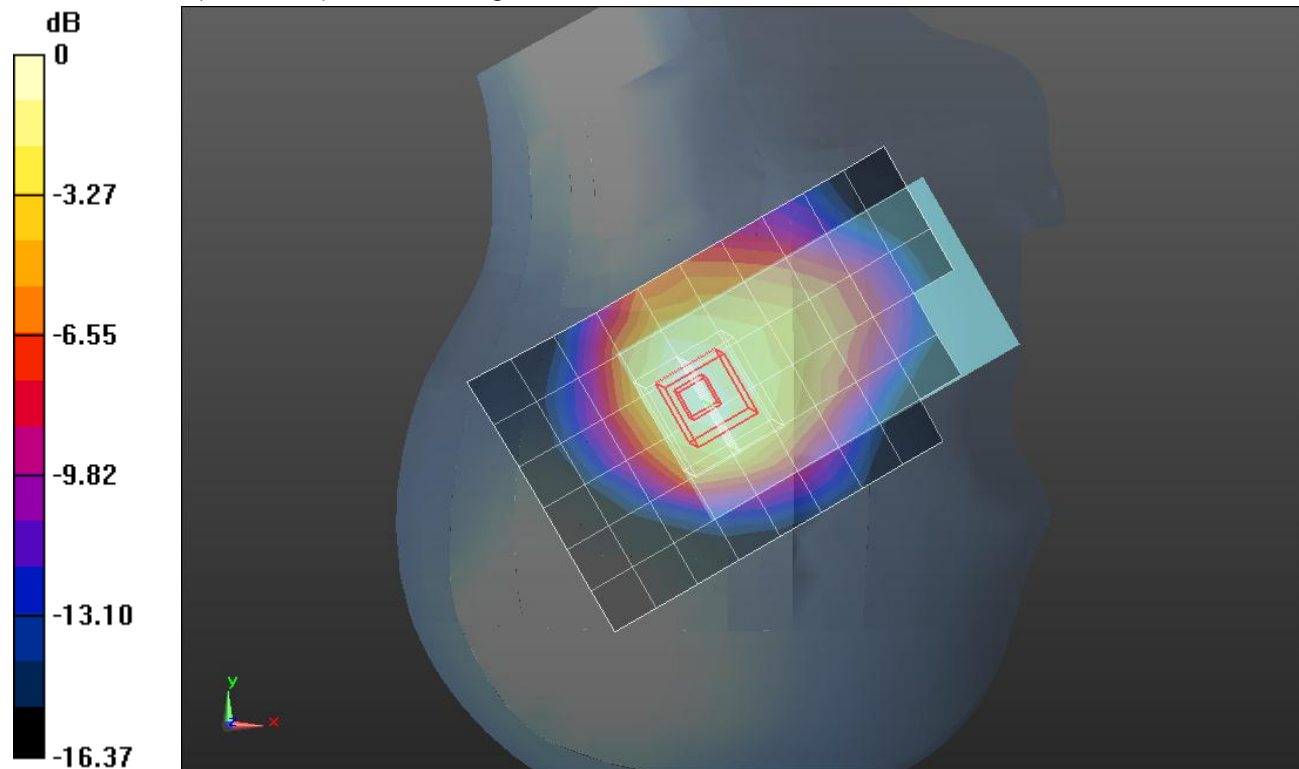
Reference Value = 20.318 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.6400

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.255 mW/g**

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

Maximum value of SAR (measured) = 0.527 mW/g



0 dB = 0.530mW/g = -5.51 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Touch\_16QAM\_RB 25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.416 mW/g

**Right/Touch\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

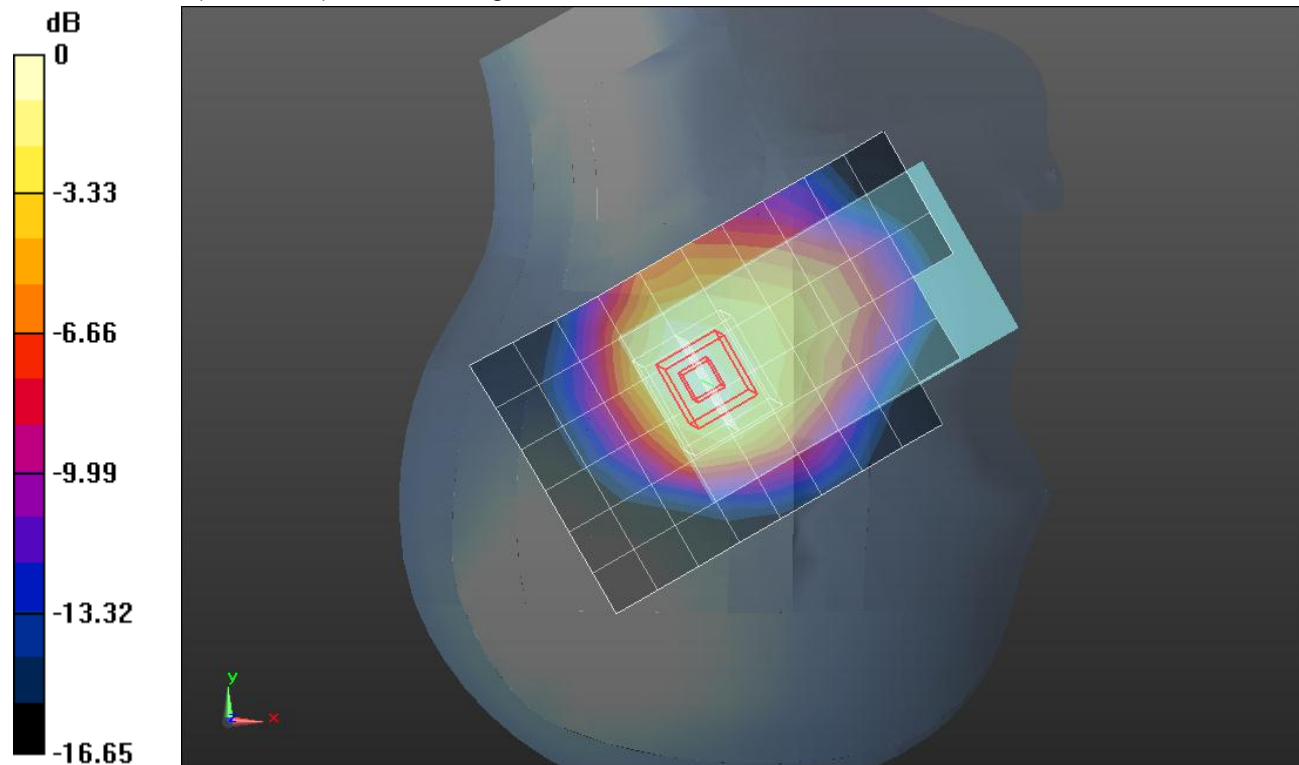
Reference Value = 17.916 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.5340

**SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.210 mW/g**

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

Maximum value of SAR (measured) = 0.432 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Tilt\_QPSK\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.413 mW/g

**Right/Tilt\_QPSK\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

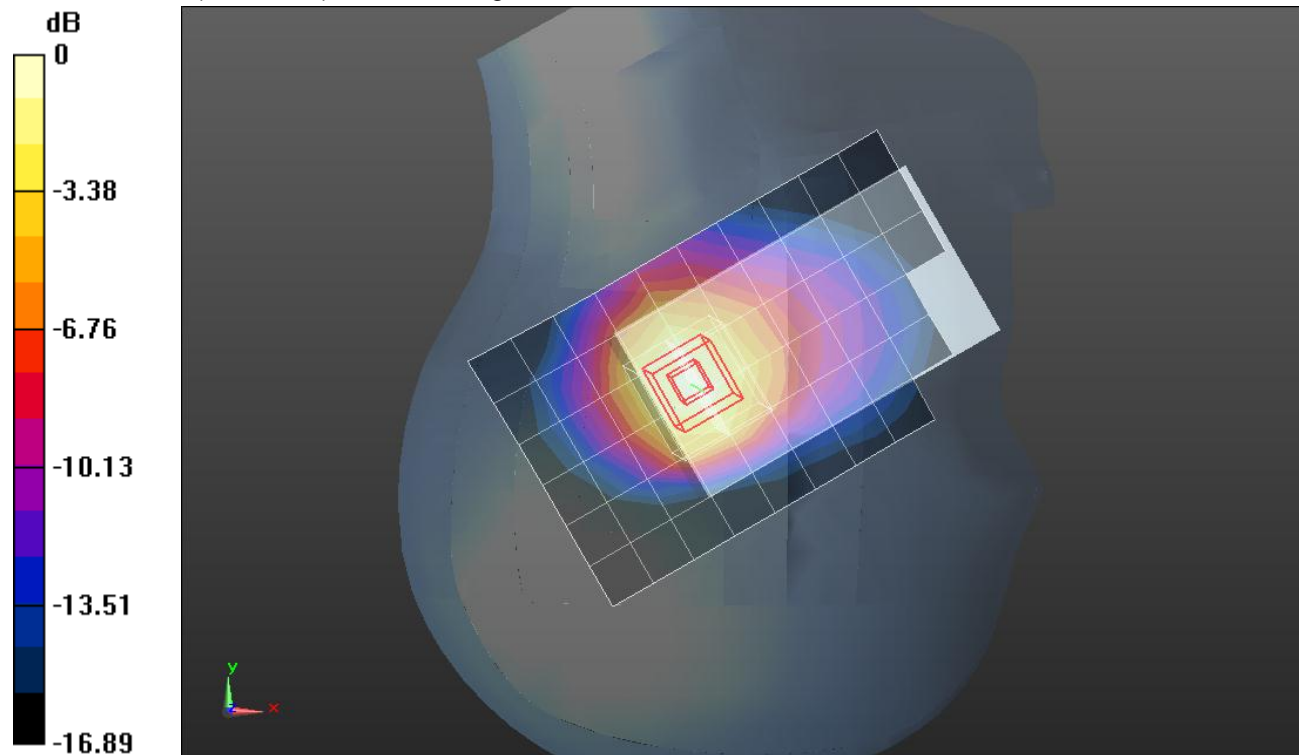
Reference Value = 17.773 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5440

**SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.203 mW/g**

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

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Tilt\_QPSK\_RB 1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.593 mW/g

**Right/Tilt\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

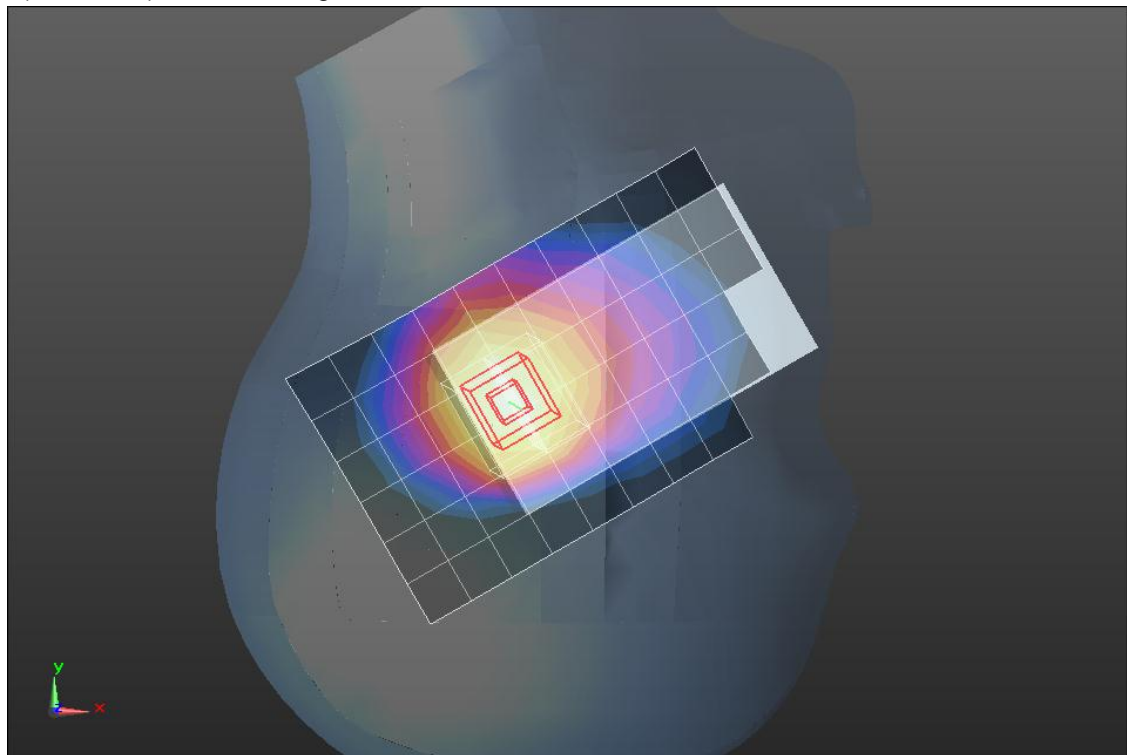
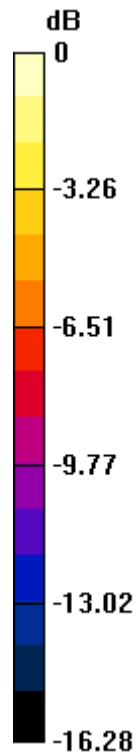
Reference Value = 21.418 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.7580

**SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.287 mW/g**

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

Maximum value of SAR (measured) = 0.605 mW/g



0 dB = 0.600mW/g = -4.44 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Tilt\_QPSK\_RB 25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.420 mW/g

**Right/Tilt\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

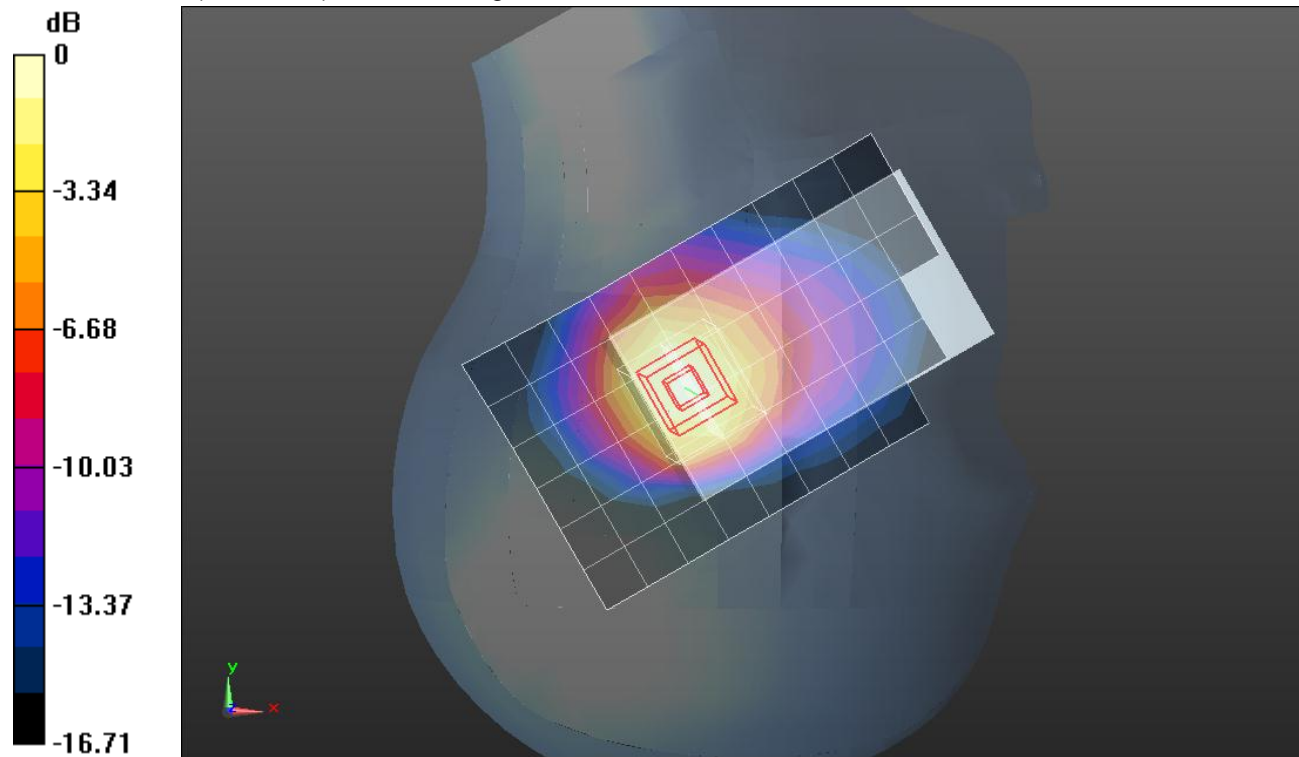
Reference Value = 17.954 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.5510

**SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.206 mW/g**

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

Maximum value of SAR (measured) = 0.439 mW/g



0 dB = 0.440mW/g = -7.13 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Tilt\_16QAM\_RB 1/0\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.368 mW/g

**Right/Tilt\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

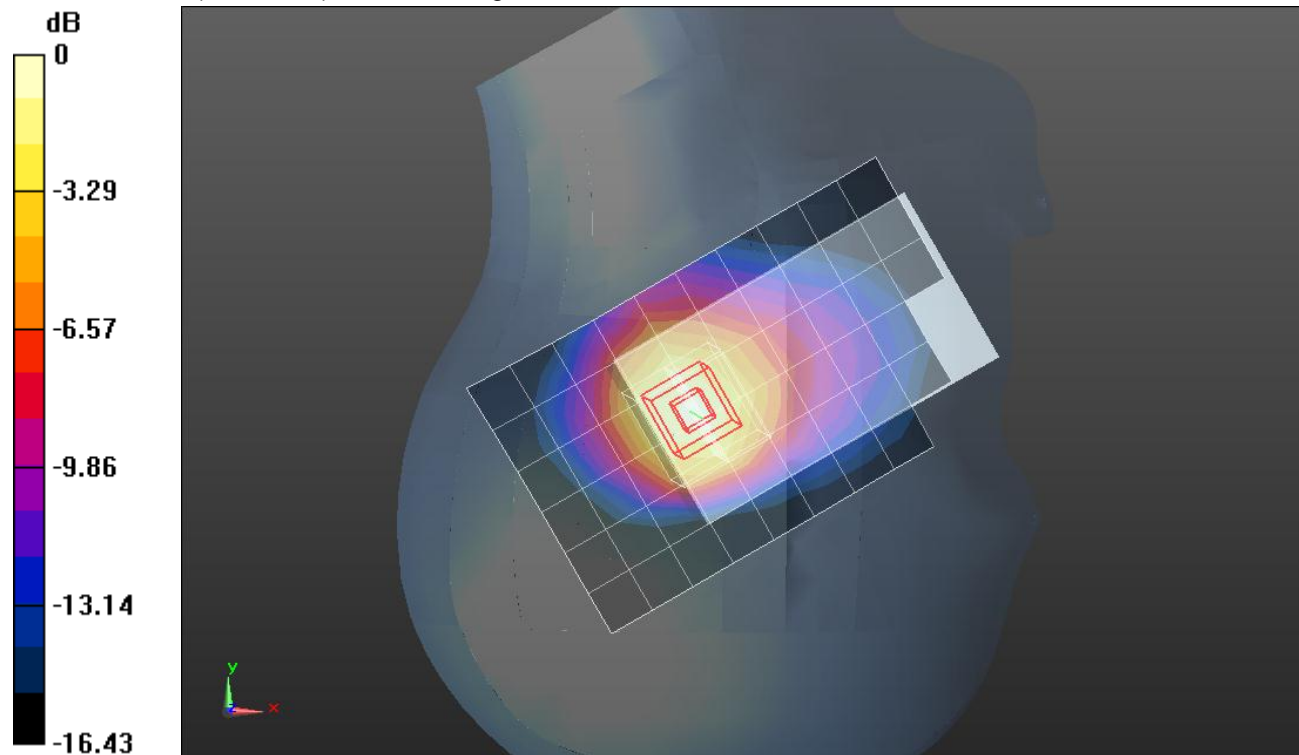
Reference Value = 16.756 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.4930

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.183 mW/g**

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

Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Tilt\_16QAM\_RB 1/49\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.502 mW/g

**Right/Tilt\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

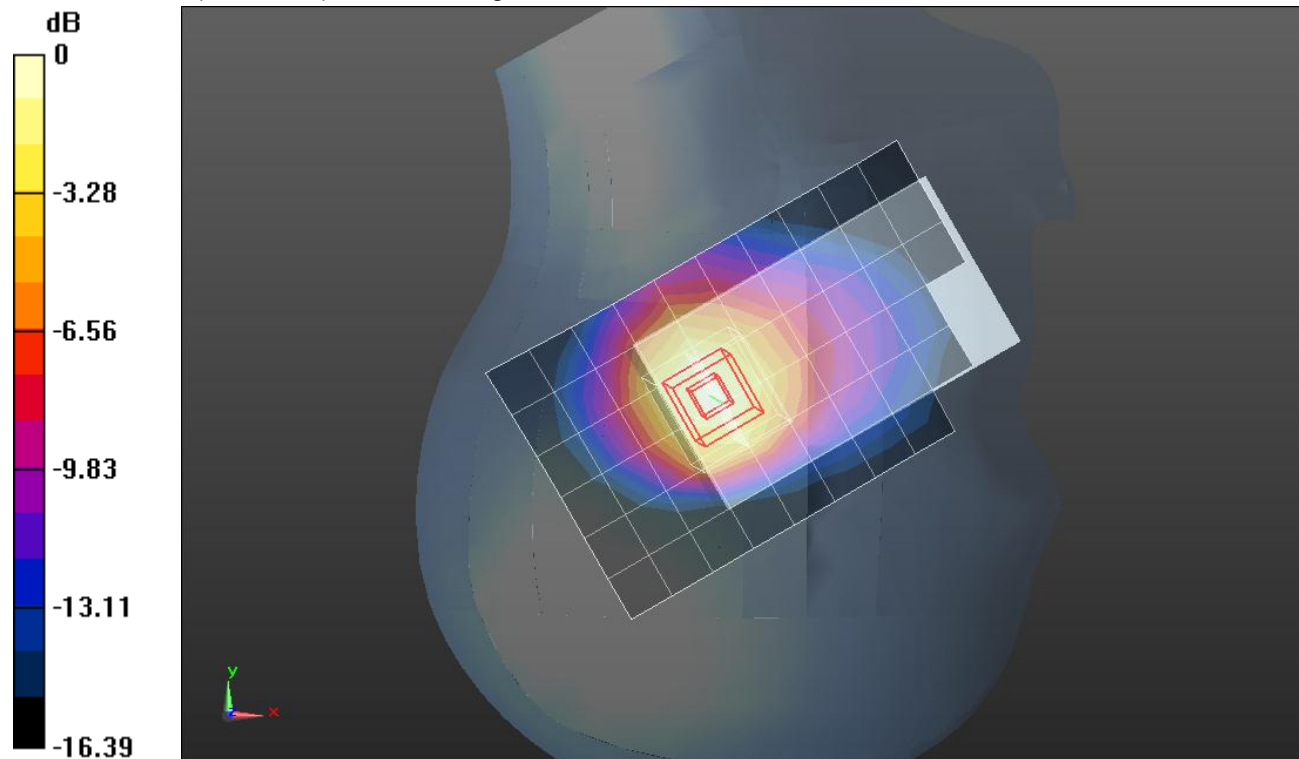
Reference Value = 19.769 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.6650

**SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.247 mW/g**

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

Maximum value of SAR (measured) = 0.526 mW/g



0 dB = 0.530mW/g = -5.51 dB mW/g



## LTE Band4\_Head

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;  $\sigma = 1.306$  mho/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602

**Right/Tilt\_16QAM\_RB 25/12\_M ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.399 mW/g

**Right/Tilt\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

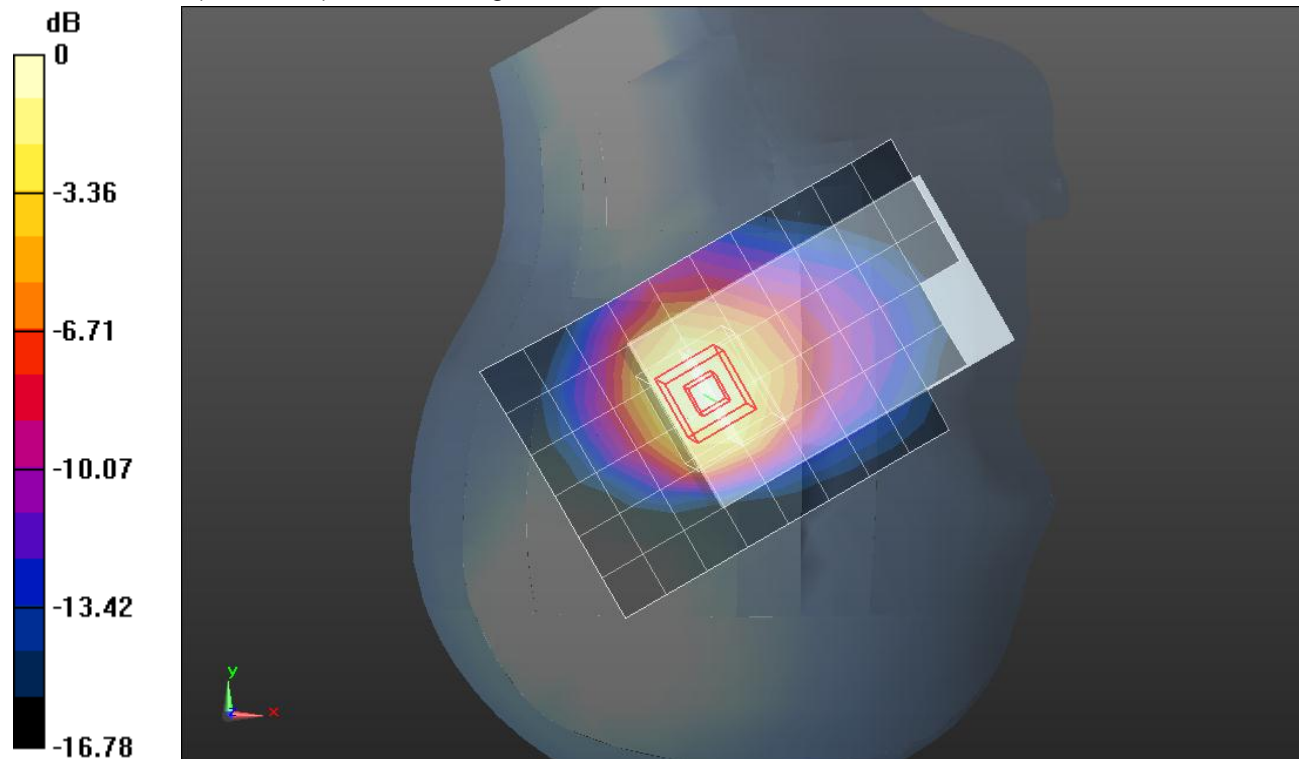
Reference Value = 17.563 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.5350

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.196 mW/g**

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

Maximum value of SAR (measured) = 0.424 mW/g



0 dB = 0.420mW/g = -7.54 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Rear/Body 10mm\_QPSK\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.451 mW/g

**Rear/Body 10mm\_QPSK\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

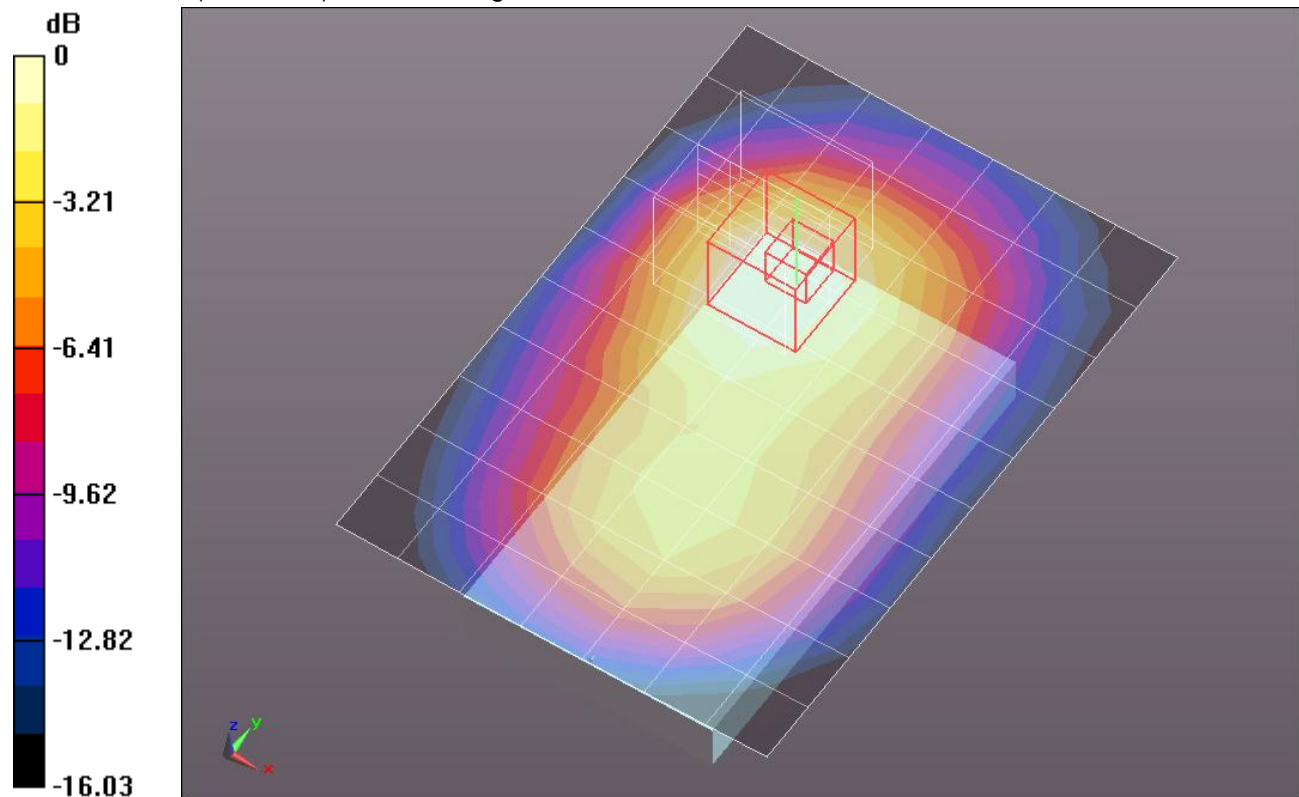
Reference Value = 17.808 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.5990

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.224 mW/g**

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

Maximum value of SAR (measured) = 0.443 mW/g



0 dB = 0.440mW/g = -7.13 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Rear/Body 10mm\_QPSK\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.904 mW/g

**Rear/Body 10mm\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

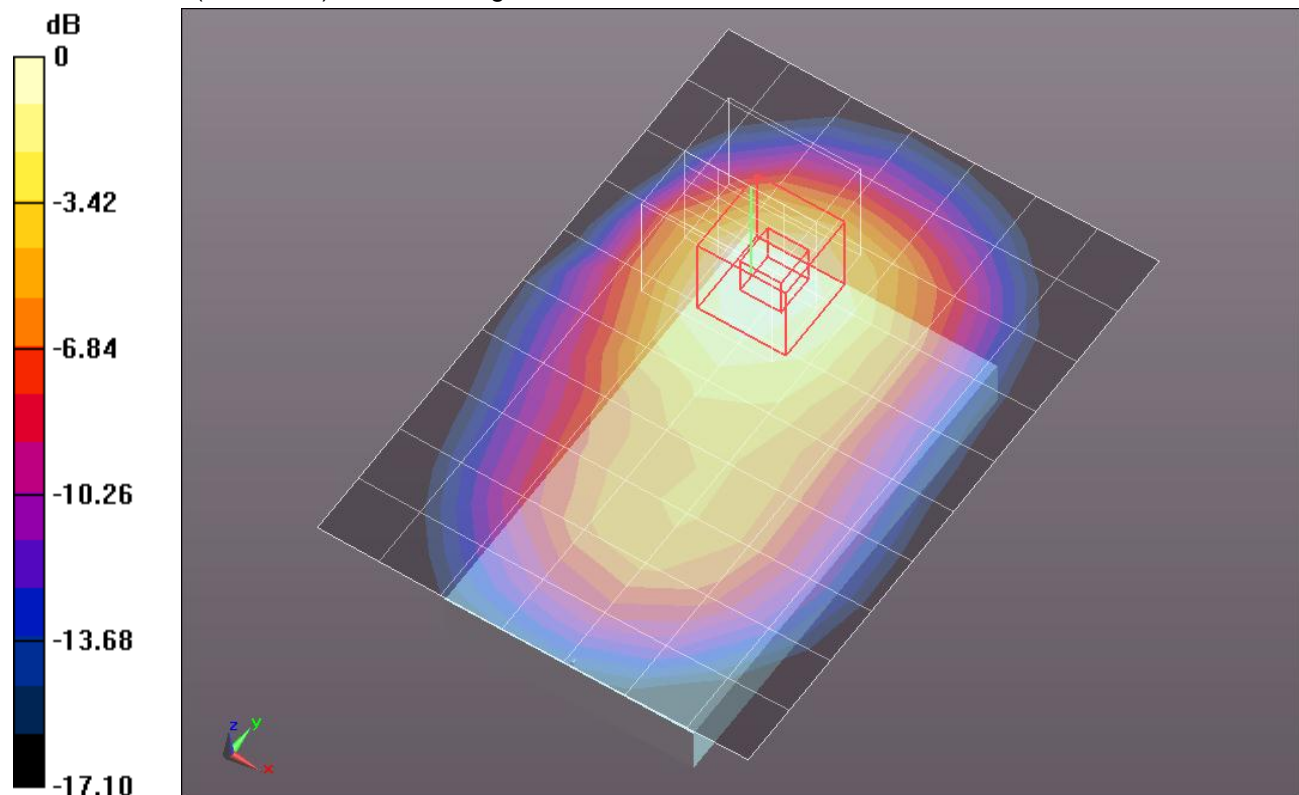
Reference Value = 25.328 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.2100

**SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.458 mW/g**

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

Maximum value of SAR (measured) = 0.914 mW/g



0 dB = 0.910mW/g = -0.82 dB mW/g

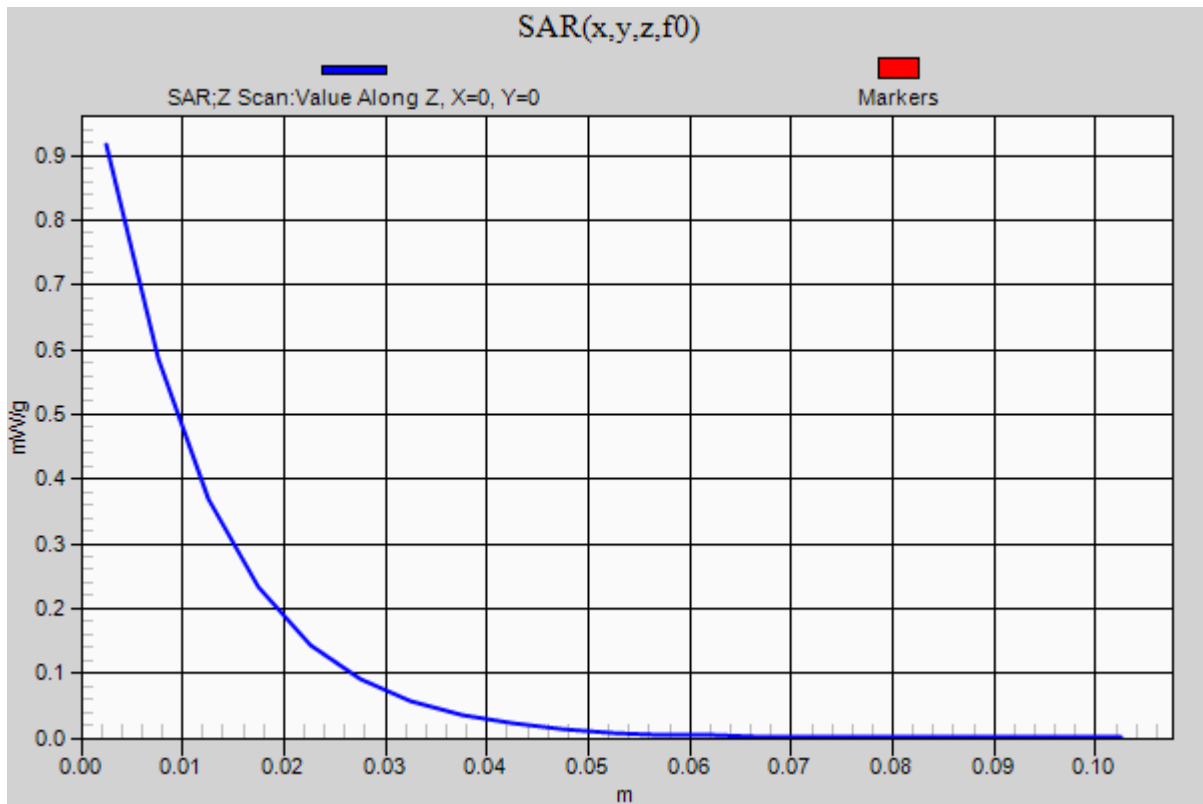
## LTE Band4\_ Body

Frequency: 1732.5 MHz; Duty Cycle: 1:1

**Rear/Body 10mm\_QPSK\_RB 1/49\_M ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.917 mW/g



## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

### Rear/Body 10mm\_QPSK\_RB 1/49\_M ch\_w/Headset/Area Scan (8x11x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.720 mW/g

### Rear/Body 10mm\_QPSK\_RB 1/49\_M ch\_w/Headset/Zoom Scan (5x5x7)/Cube 0:

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

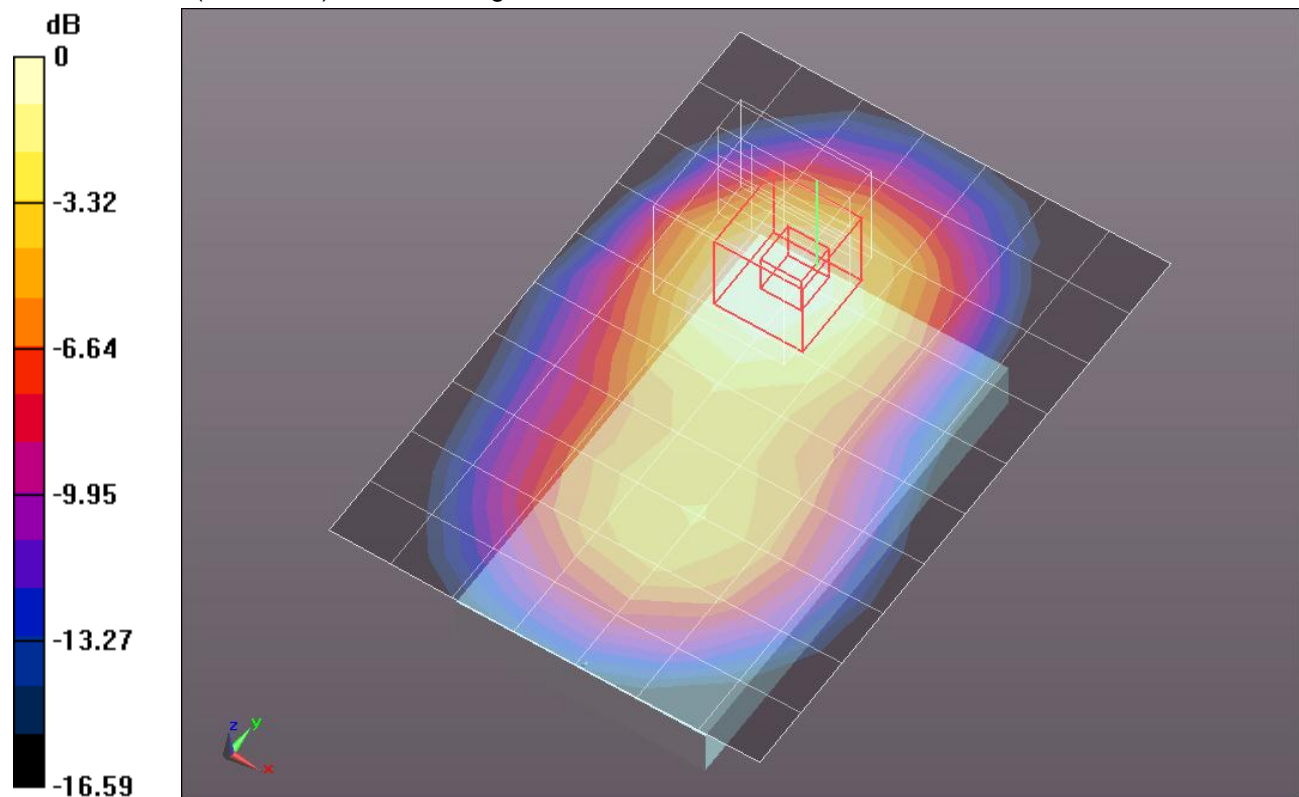
Reference Value = 22.508 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.9650

**SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.354 mW/g**

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

Maximum value of SAR (measured) = 0.707 mW/g



0 dB = 0.710mW/g = -2.97 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Rear/Body 10mm\_QPSK\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.421 mW/g

**Rear/Body 10mm\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

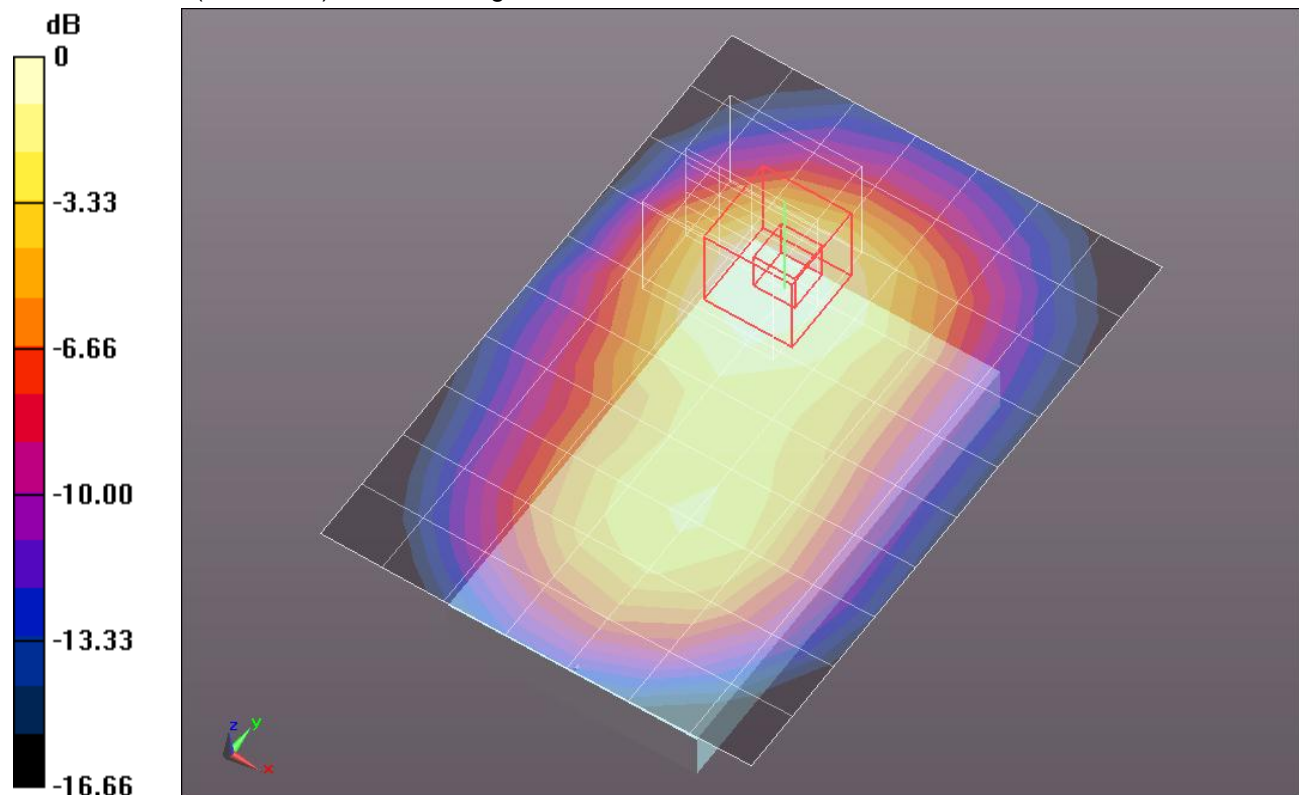
Reference Value = 17.326 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5680

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.208 mW/g**

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

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.420mW/g = -7.54 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Rear/Body 10mm\_16QAM\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.388 mW/g

**Rear/Body 10mm\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

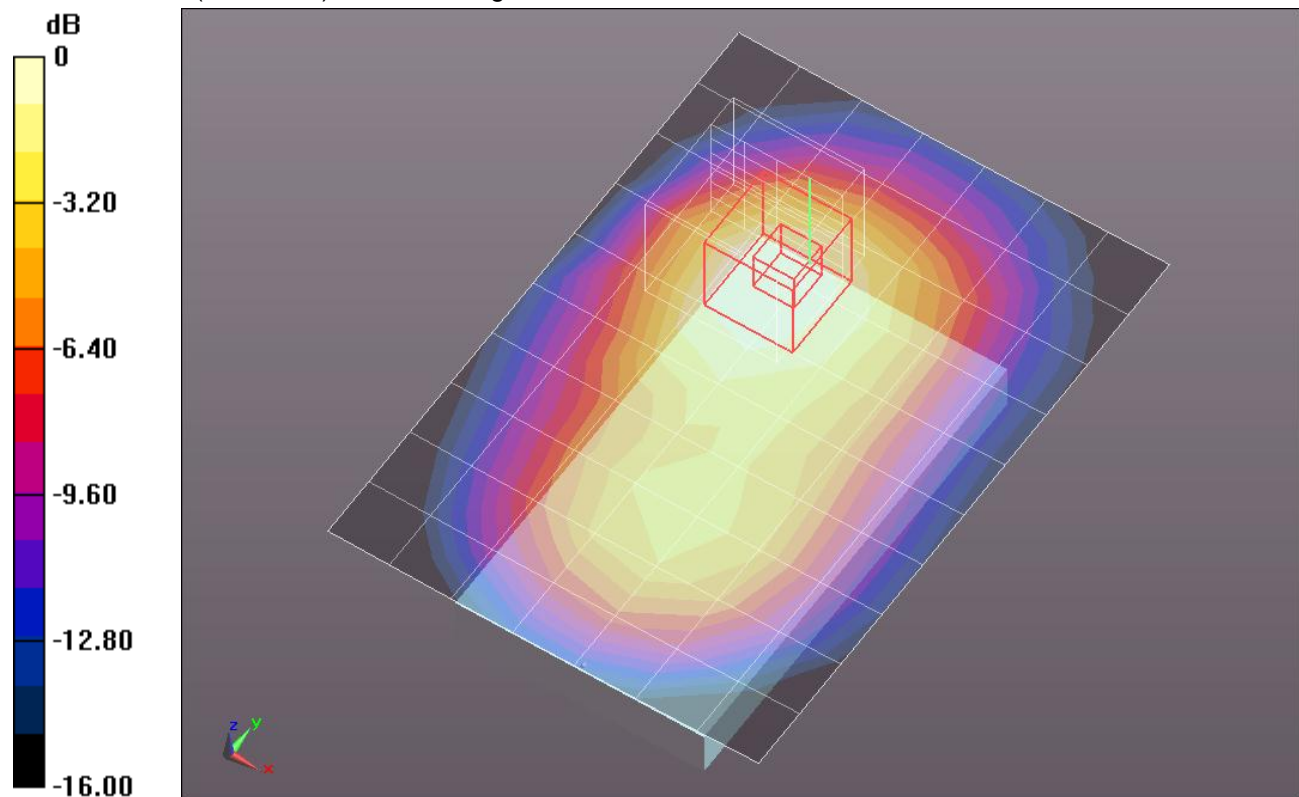
Reference Value = 16.576 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5260

**SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.193 mW/g**

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

Maximum value of SAR (measured) = 0.381 mW/g



0 dB = 0.380mW/g = -8.40 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Rear/Body 10mm\_16QAM\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.566 mW/g

**Rear/Body 10mm\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

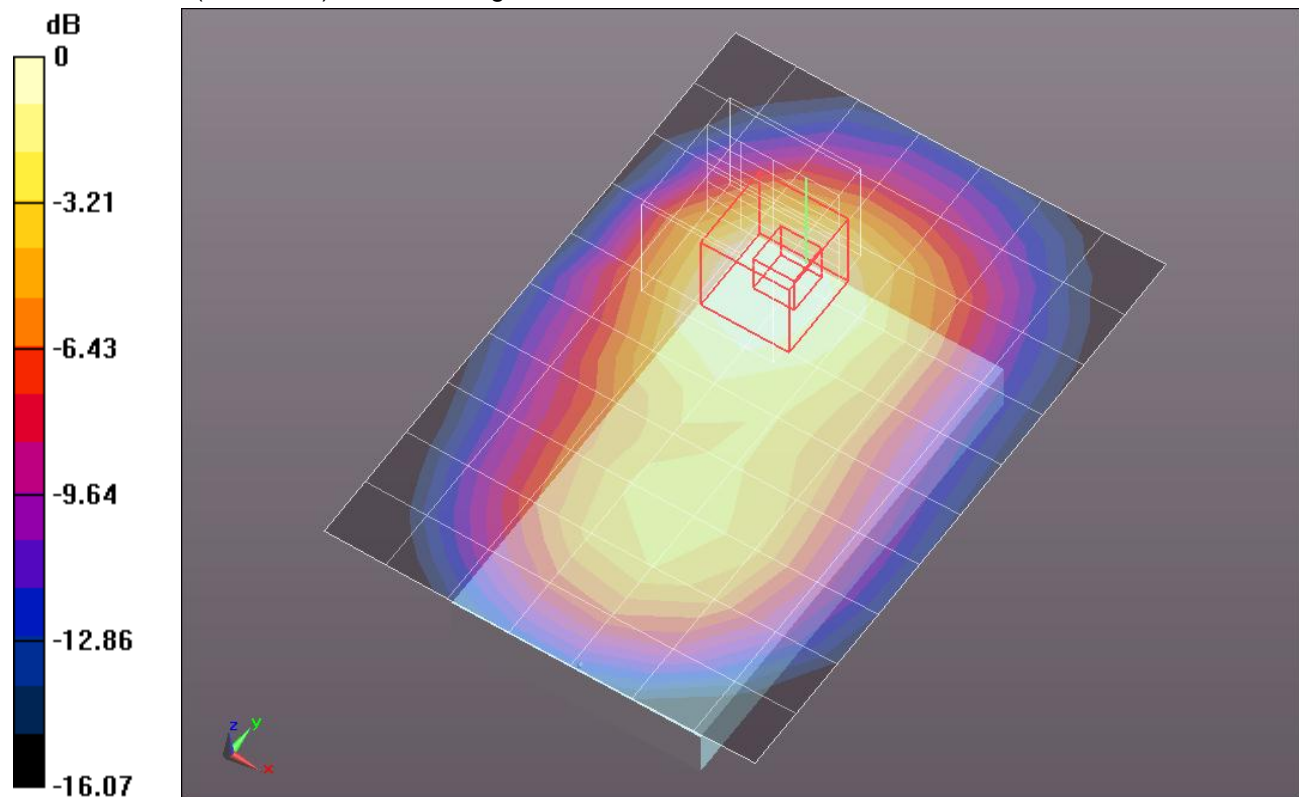
Reference Value = 20.097 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.7750

**SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.280 mW/g**

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

Maximum value of SAR (measured) = 0.560 mW/g



0 dB = 0.560mW/g = -5.04 dB mW/g



## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Rear/Body 10mm\_16QAM\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.392 mW/g

**Rear/Body 10mm\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

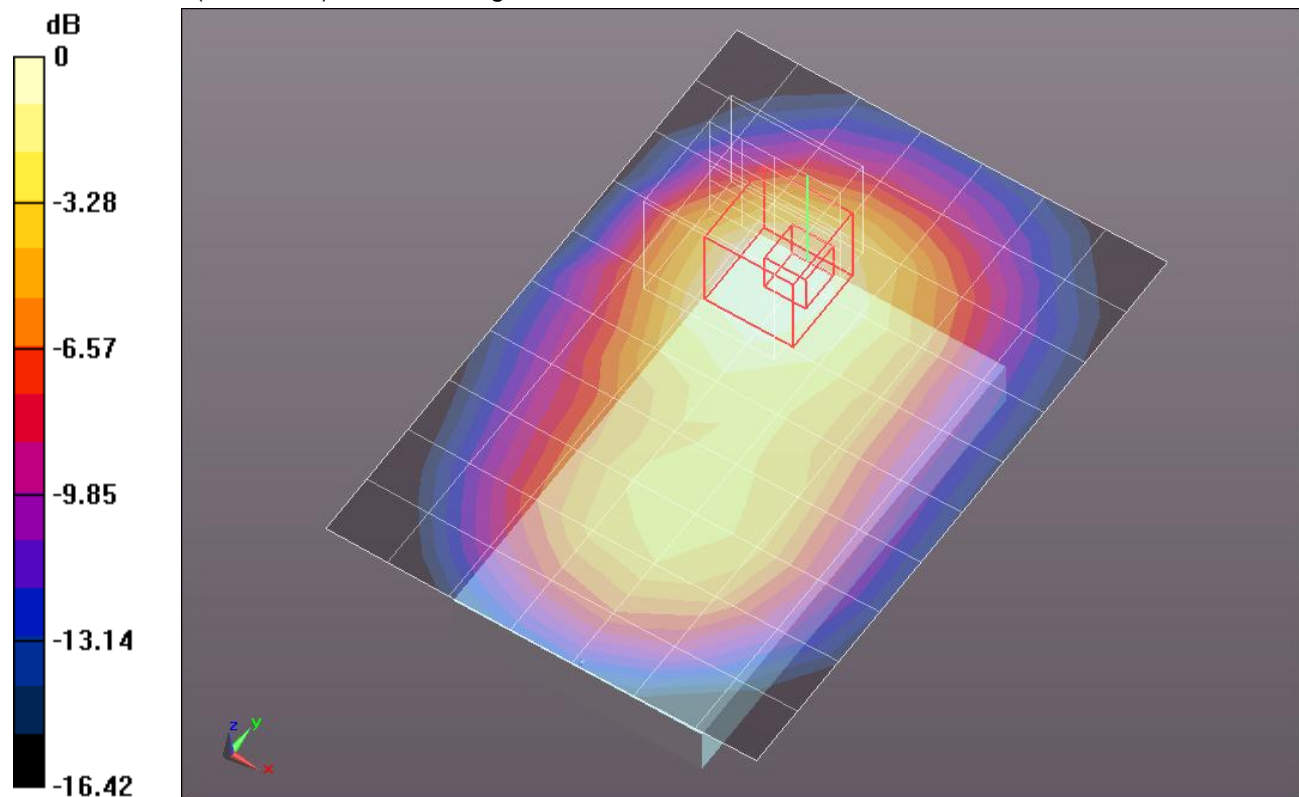
Reference Value = 16.593 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.5190

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.190 mW/g**

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

Maximum value of SAR (measured) = 0.390 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Front/Body 10mm\_QPSK\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.165 mW/g

**Front/Body 10mm\_QPSK\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

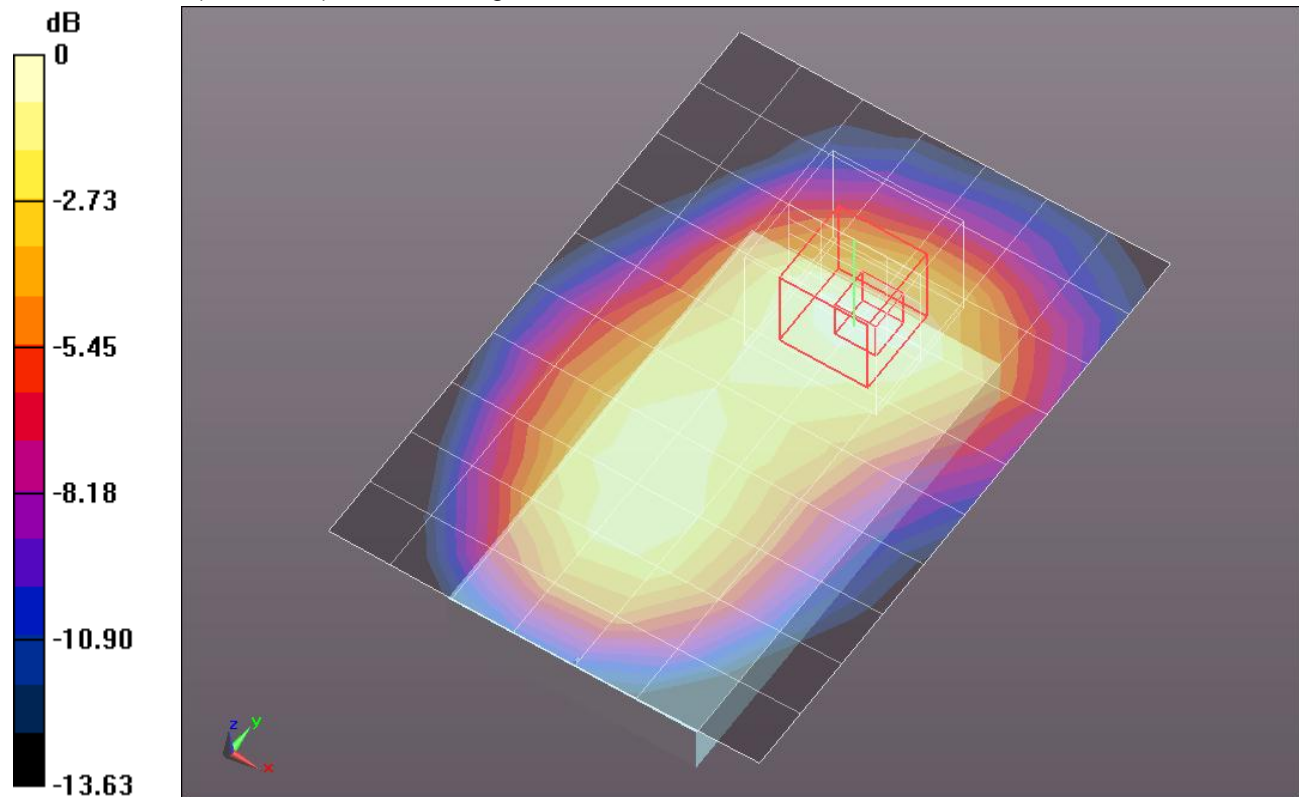
Reference Value = 10.991 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.2150

**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.088 mW/g**

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

Maximum value of SAR (measured) = 0.170 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Front/Body 10mm\_QPSK\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.346 mW/g

**Front/Body 10mm\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

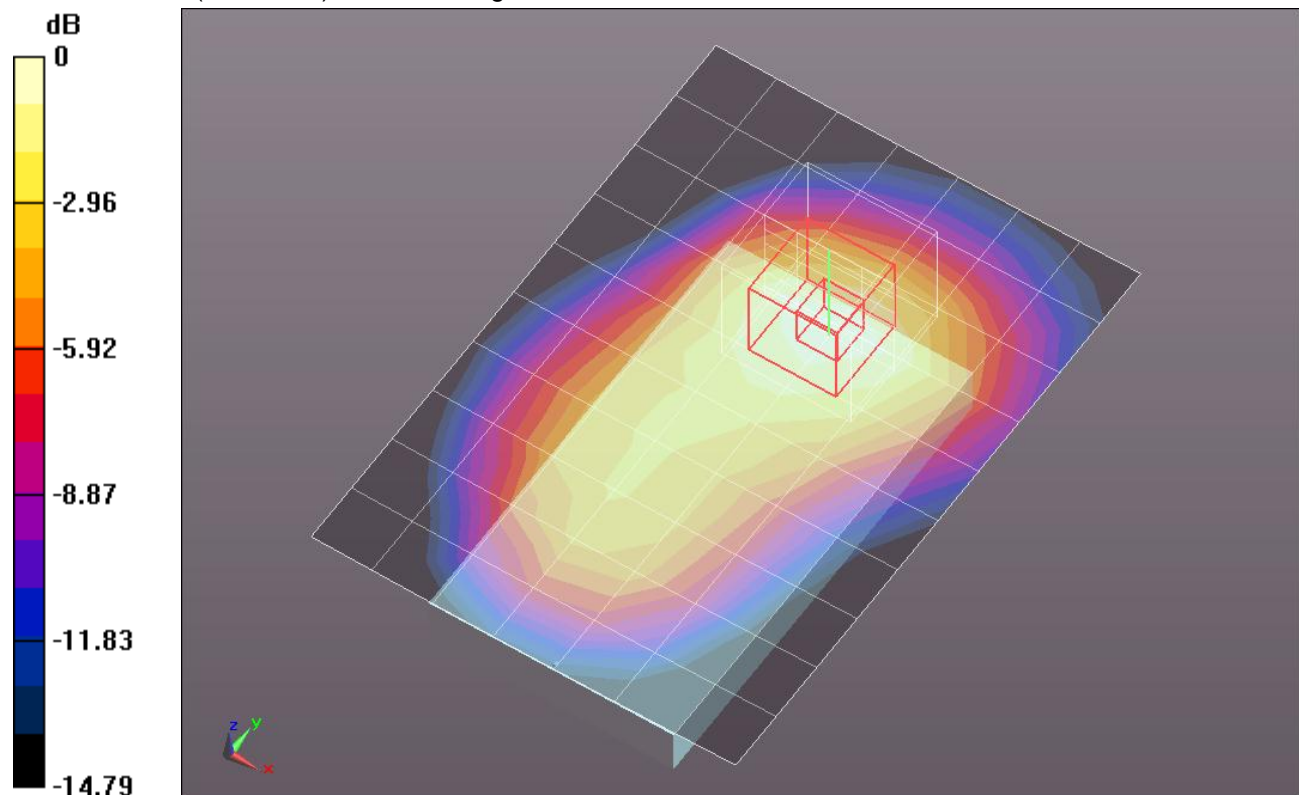
Reference Value = 15.676 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.4210

**SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.172 mW/g**

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

Maximum value of SAR (measured) = 0.338 mW/g



0 dB = 0.340mW/g = -9.37 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

### Front/Body 10mm\_QPSK\_RB 1/49\_M ch\_w/Headset/Area Scan (8x11x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.268 mW/g

### Front/Body 10mm\_QPSK\_RB 1/49\_M ch\_w/Headset/Zoom Scan (5x5x7)/Cube 0:

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

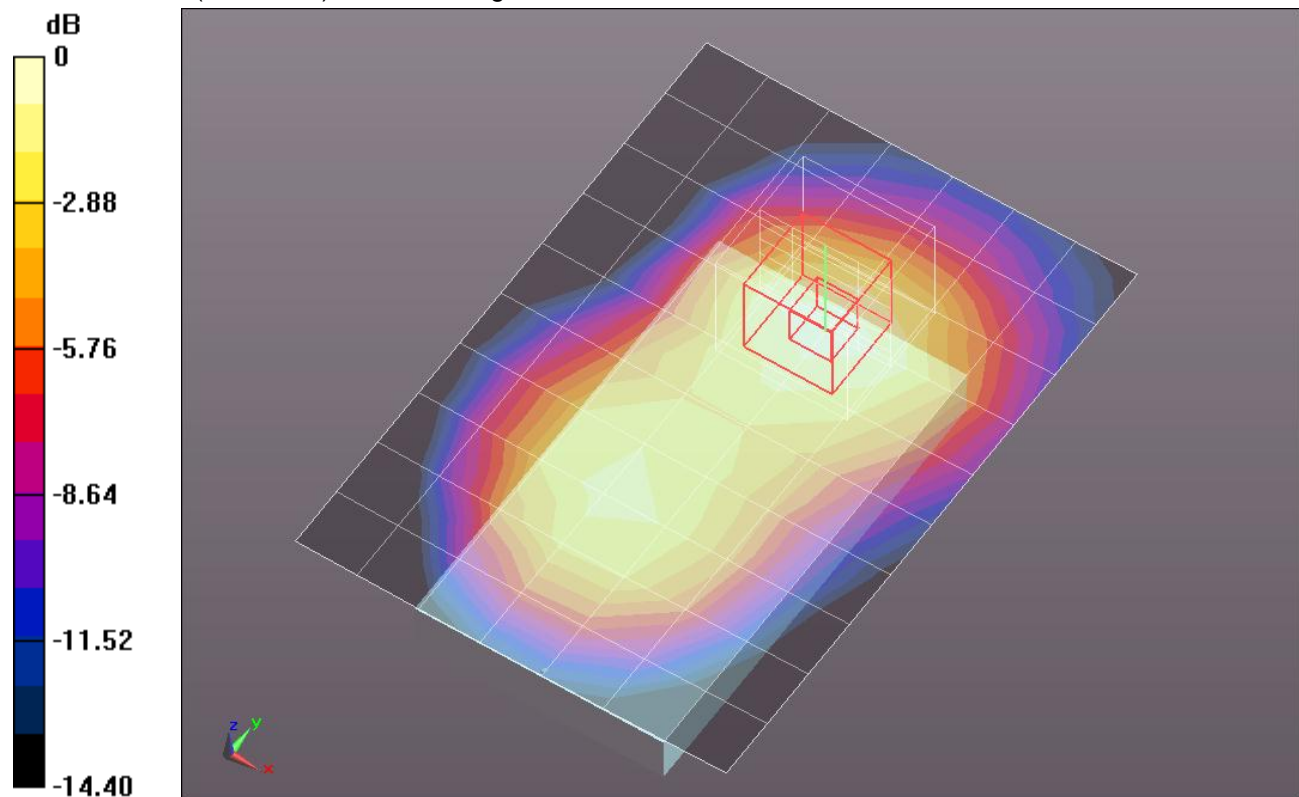
Reference Value = 13.912 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.3370

**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.138 mW/g**

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

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.270mW/g = -11.37 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Front/Body 10mm\_QPSK\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.171 mW/g

**Front/Body 10mm\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

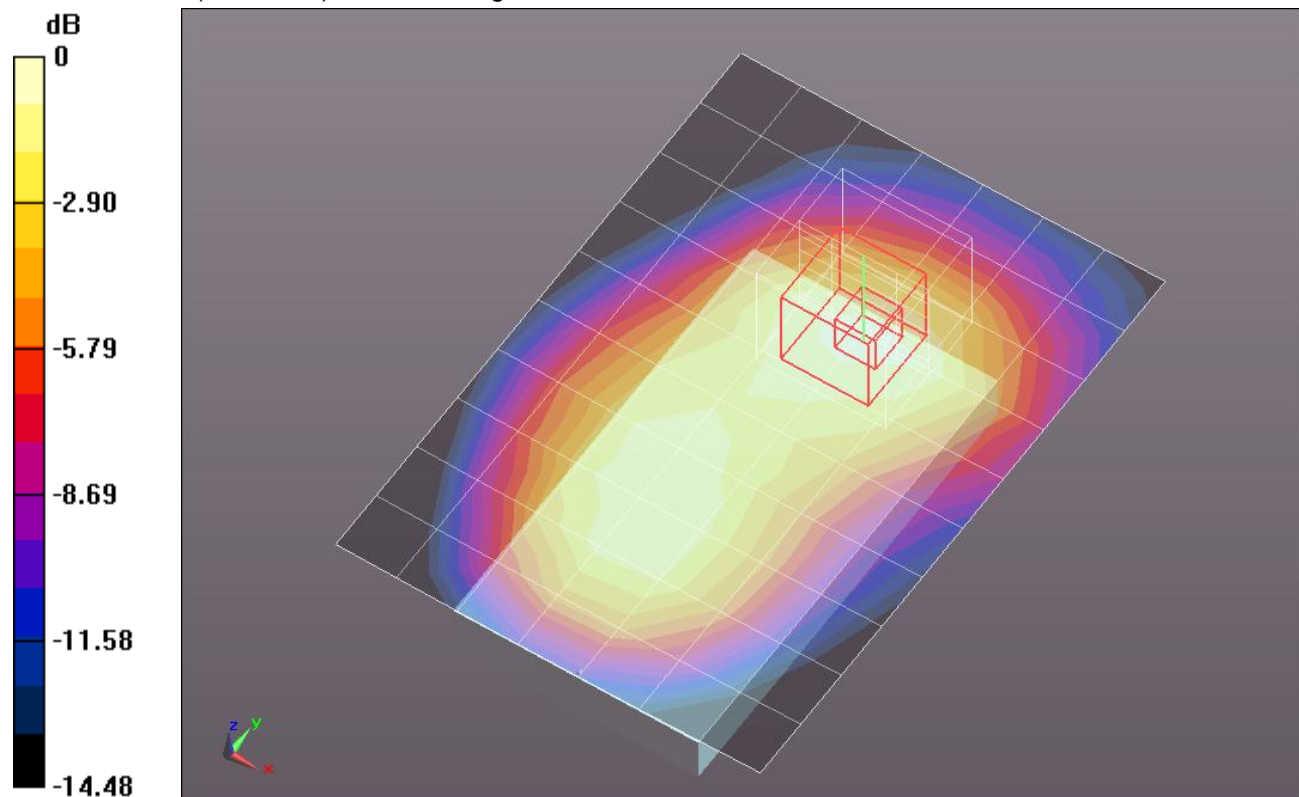
Reference Value = 11.139 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.2180

**SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.091 mW/g**

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

Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.180mW/g = -14.89 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Front/Body 10mm\_16QAM\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.156 mW/g

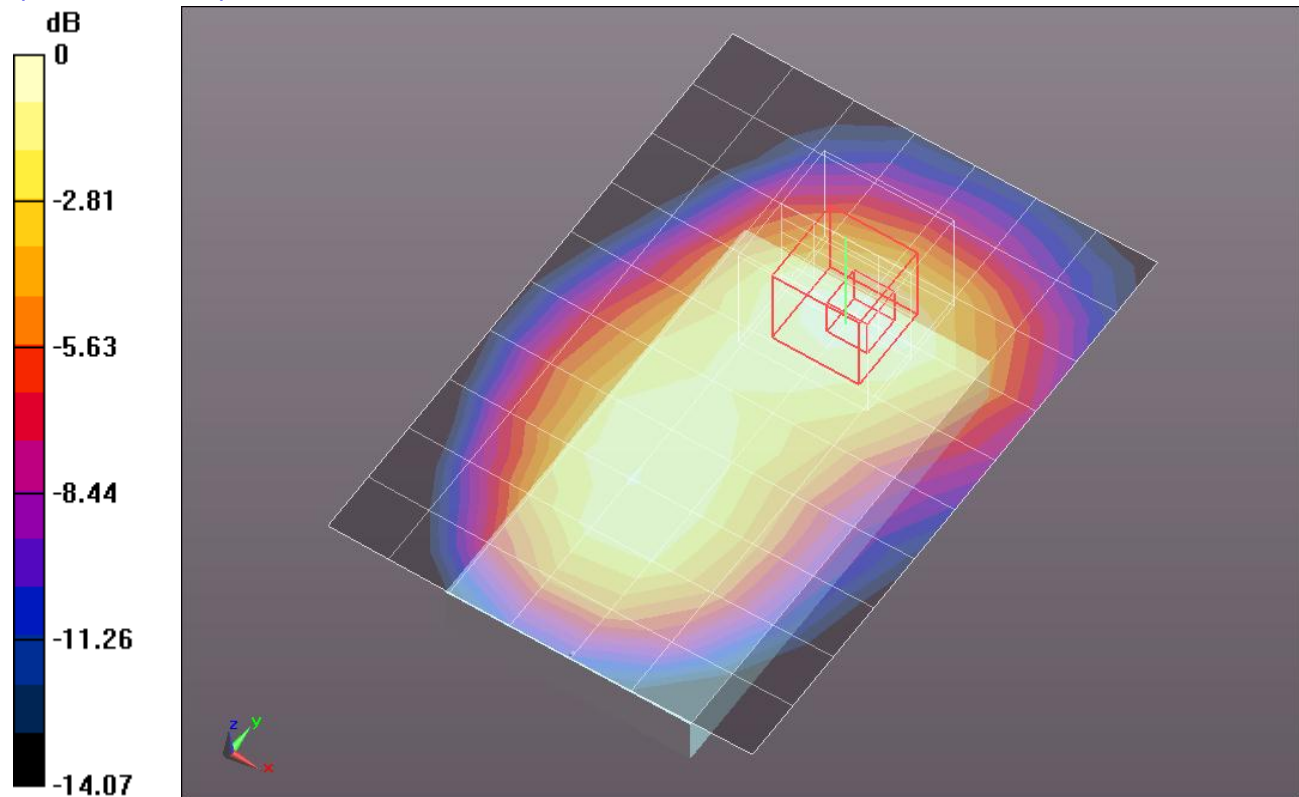
**Front/Body 10mm\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.639 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.1990

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.082 mW/g**

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



0 dB = 0.160mW/g = -15.92 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Front/Body 10mm\_16QAM\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.214 mW/g

**Front/Body 10mm\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

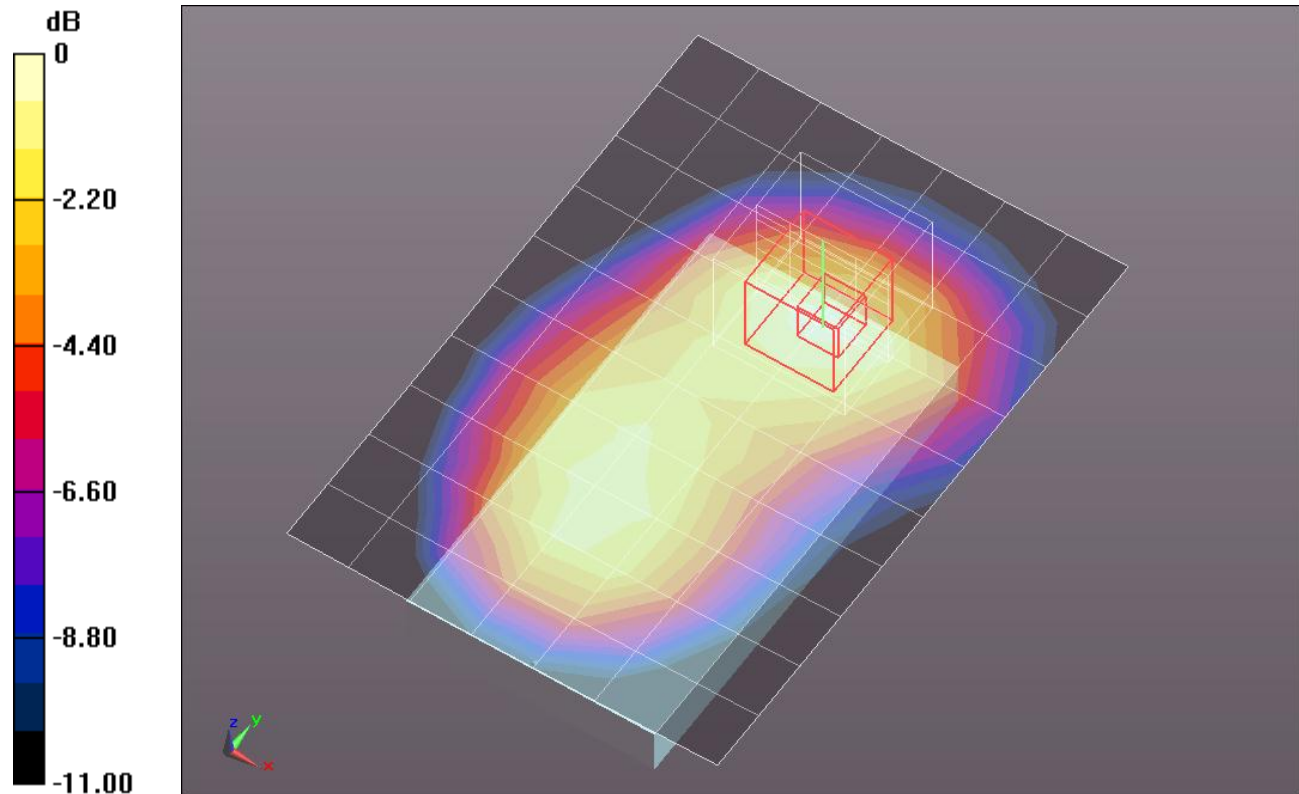
Reference Value = 12.384 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.2810

**SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.112 mW/g**

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

Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Front/Body 10mm\_16QAM\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.165 mW/g

**Front/Body 10mm\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

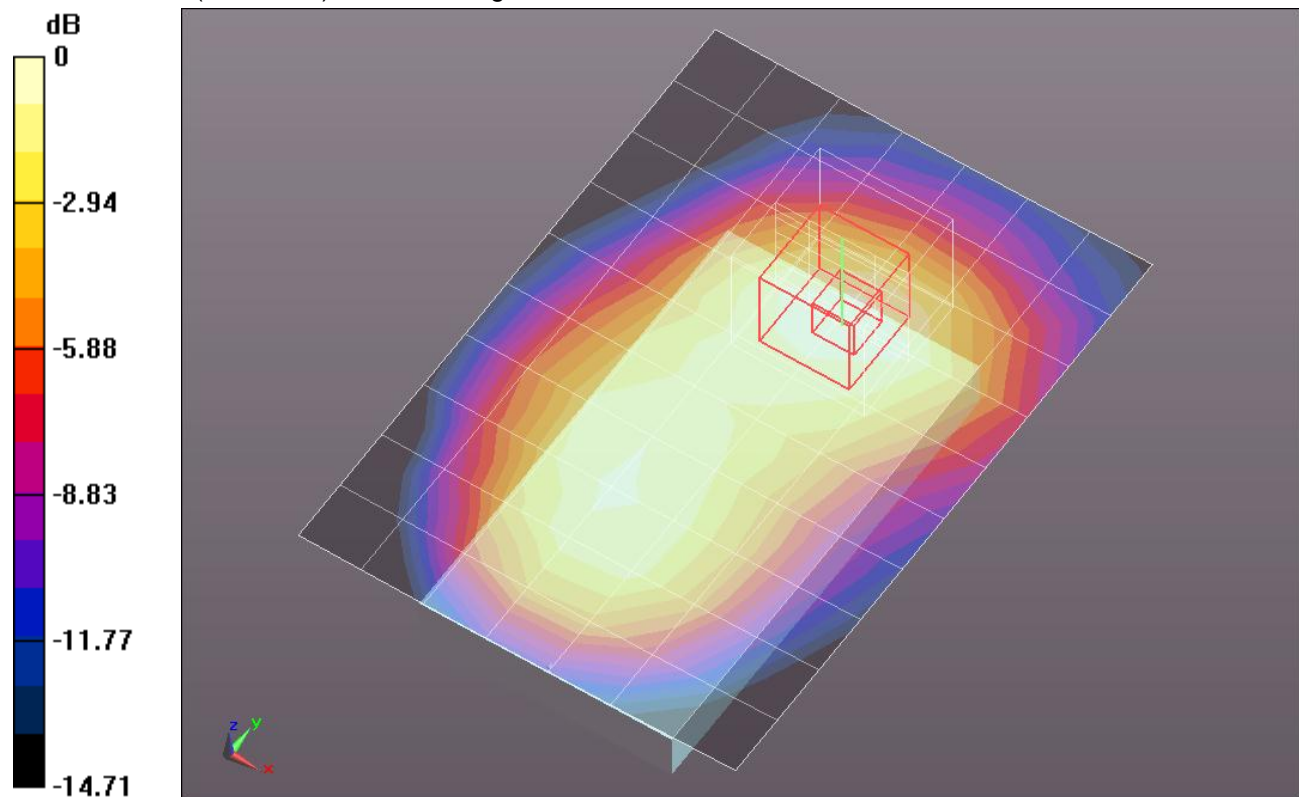
Reference Value = 10.853 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.2080

**SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.084 mW/g**

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

Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.160mW/g = -15.92 dB mW/g



## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 1/Body 10mm\_QPSK\_RB 1/0\_M ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.131 mW/g

**Edge 1/Body 10mm\_QPSK\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

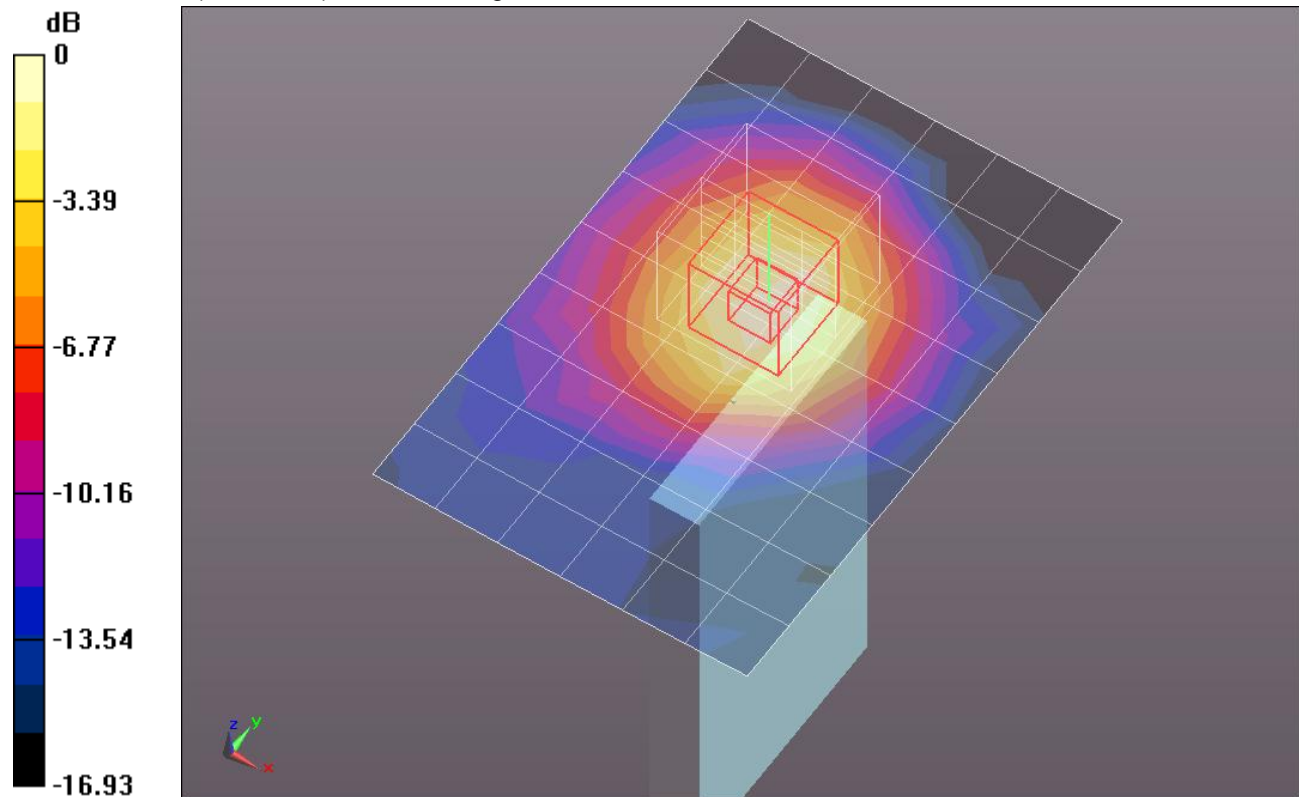
Reference Value = 9.629 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.1680

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.065 mW/g**

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

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 1/Body 10mm\_QPSK\_RB 1/49\_M ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.208 mW/g

**Edge 1/Body 10mm\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

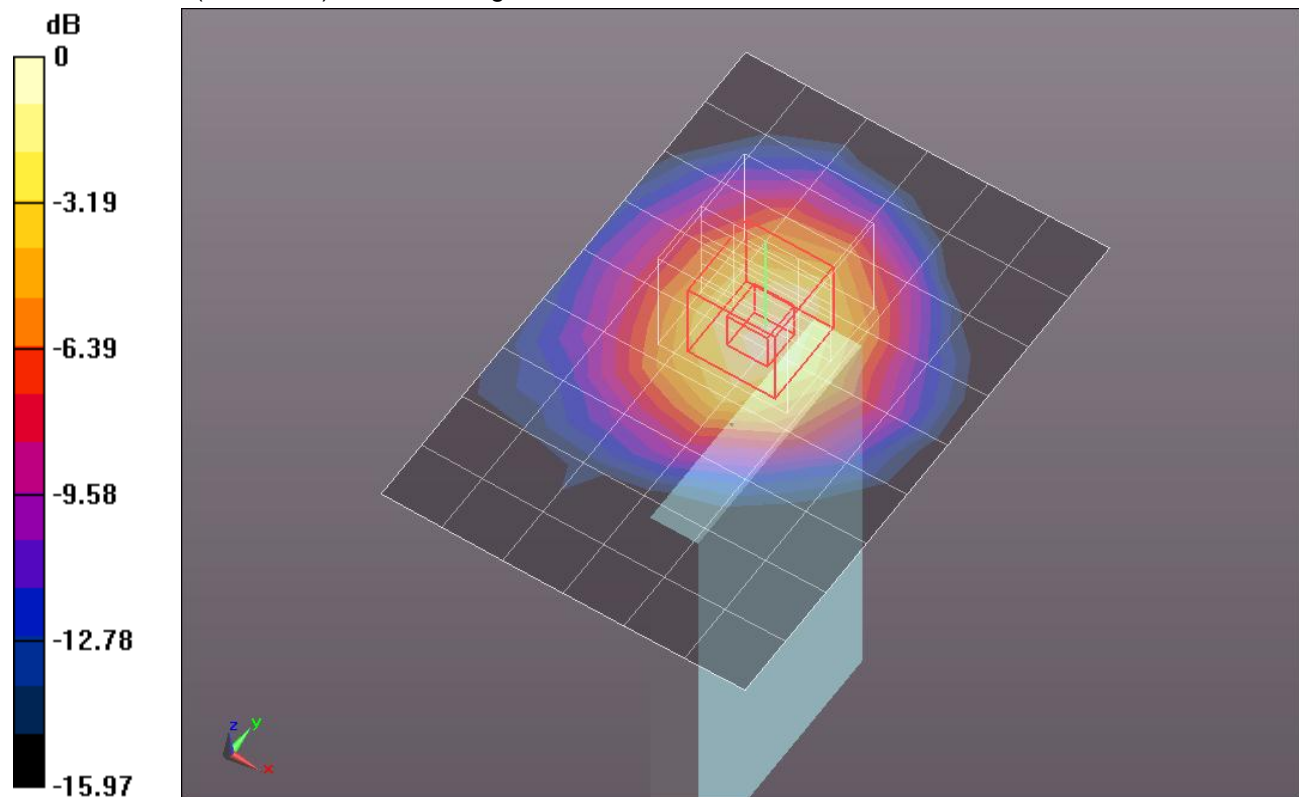
Reference Value = 12.132 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.2730

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.103 mW/g**

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

Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 1/Body 10mm\_QPSK\_RB 25/12\_M ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.144 mW/g

**Edge 1/Body 10mm\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

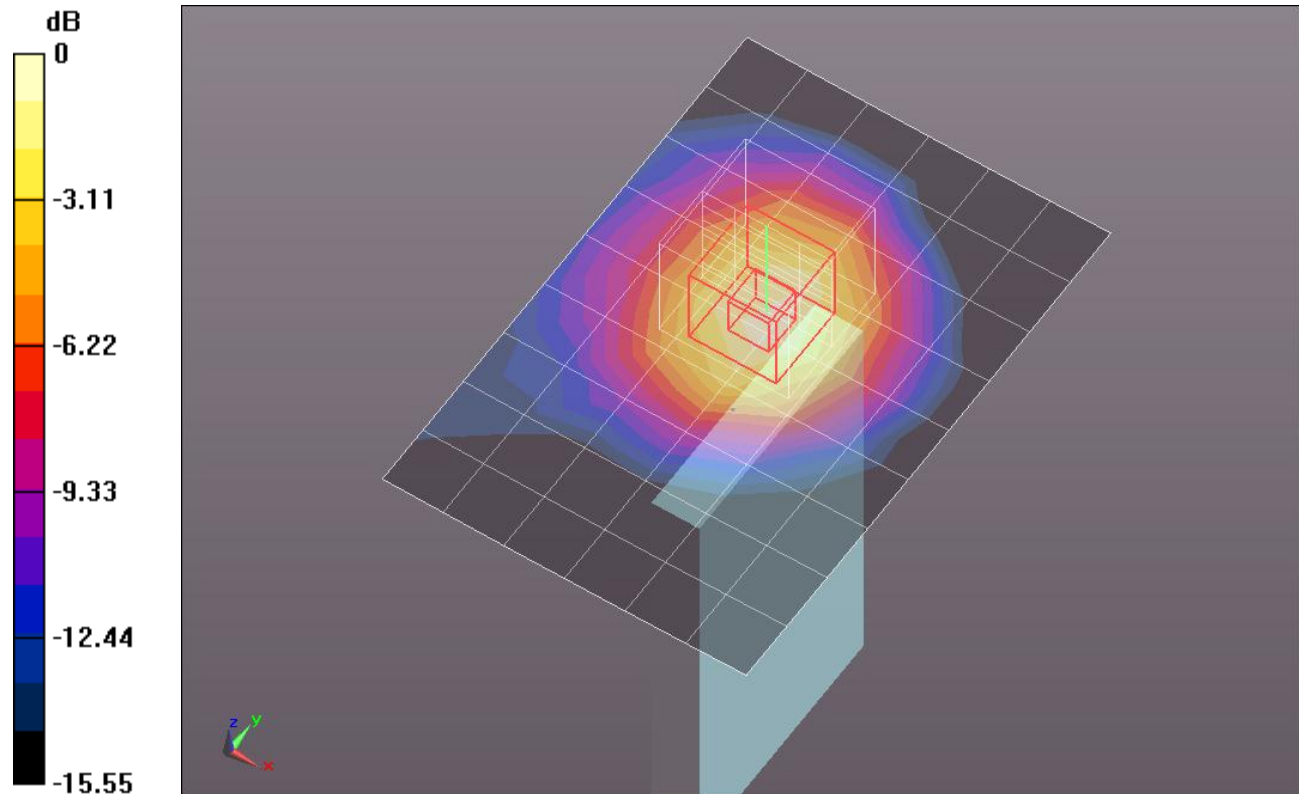
Reference Value = 10.142 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.1900

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.072 mW/g**

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

Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.150mW/g = -16.48 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 1/Body 10mm\_16QAM\_RB 1/0\_M ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.099 mW/g

**Edge 1/Body 10mm\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

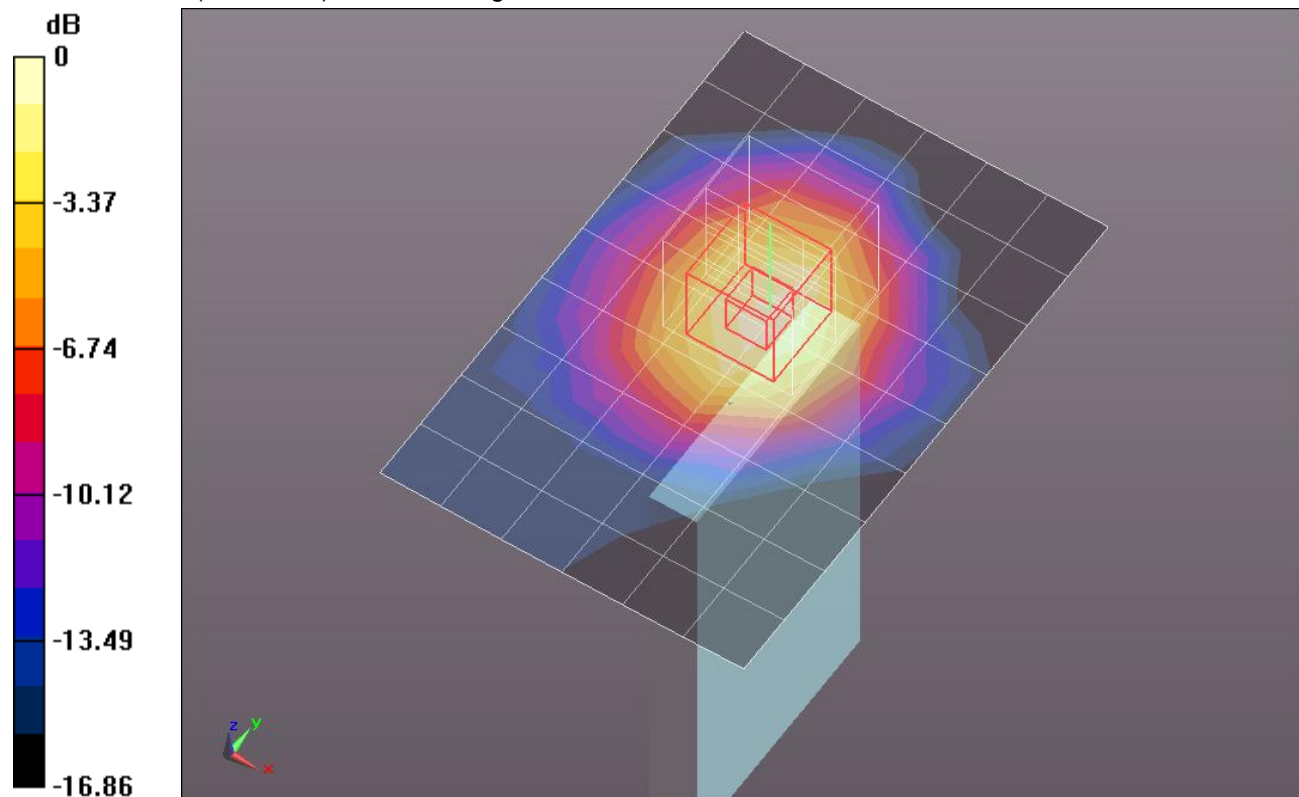
Reference Value = 8.348 V/m; Power Drift = -0.0027 dB

Peak SAR (extrapolated) = 0.1280

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.047 mW/g**

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

Maximum value of SAR (measured) = 0.100 mW/g



0 dB = 0.100mW/g = -20.00 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 1/Body 10mm\_16QAM\_RB 1/49\_M ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.158 mW/g

**Edge 1/Body 10mm\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

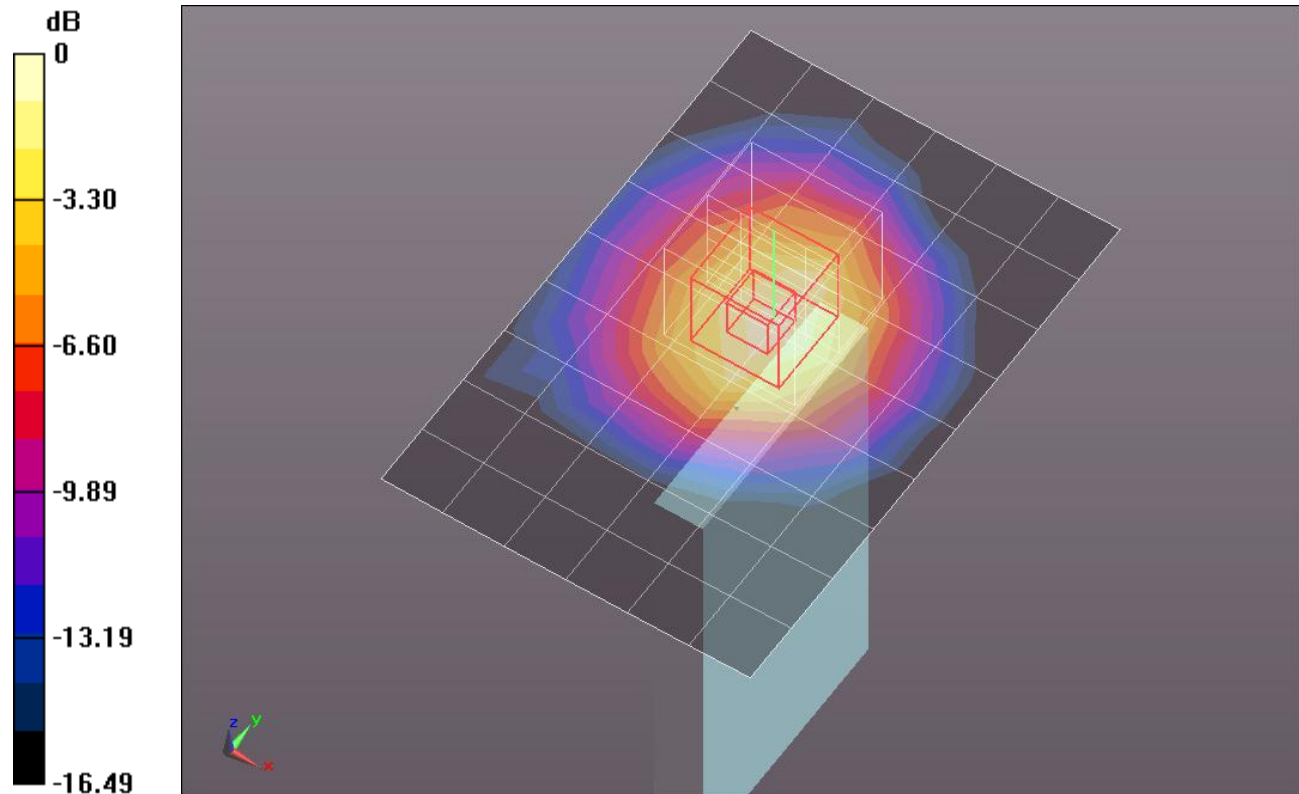
Reference Value = 10.665 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.2150

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.077 mW/g**

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

Maximum value of SAR (measured) = 0.165 mW/g



0 dB = 0.160mW/g = -15.92 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.451$  mho/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 1/Body 10mm\_16QAM\_RB 25/12\_M ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.127 mW/g

**Edge 1/Body 10mm\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

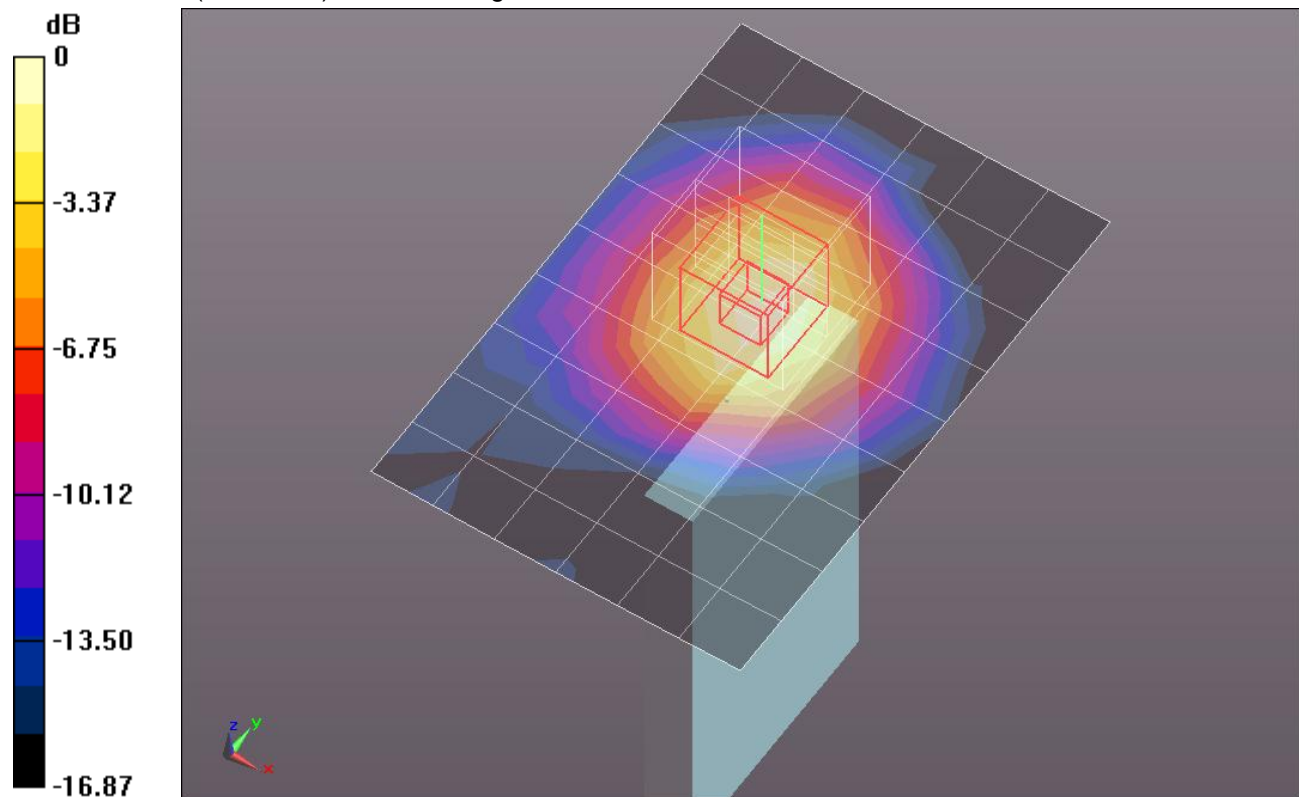
Reference Value = 9.551 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.1670

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.062 mW/g**

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

Maximum value of SAR (measured) = 0.131 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.452$  mho/m;  $\epsilon_r = 53.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 2/Body 10mm\_QPSK\_RB 1/0\_M ch/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.166 mW/g

**Edge 2/Body 10mm\_QPSK\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

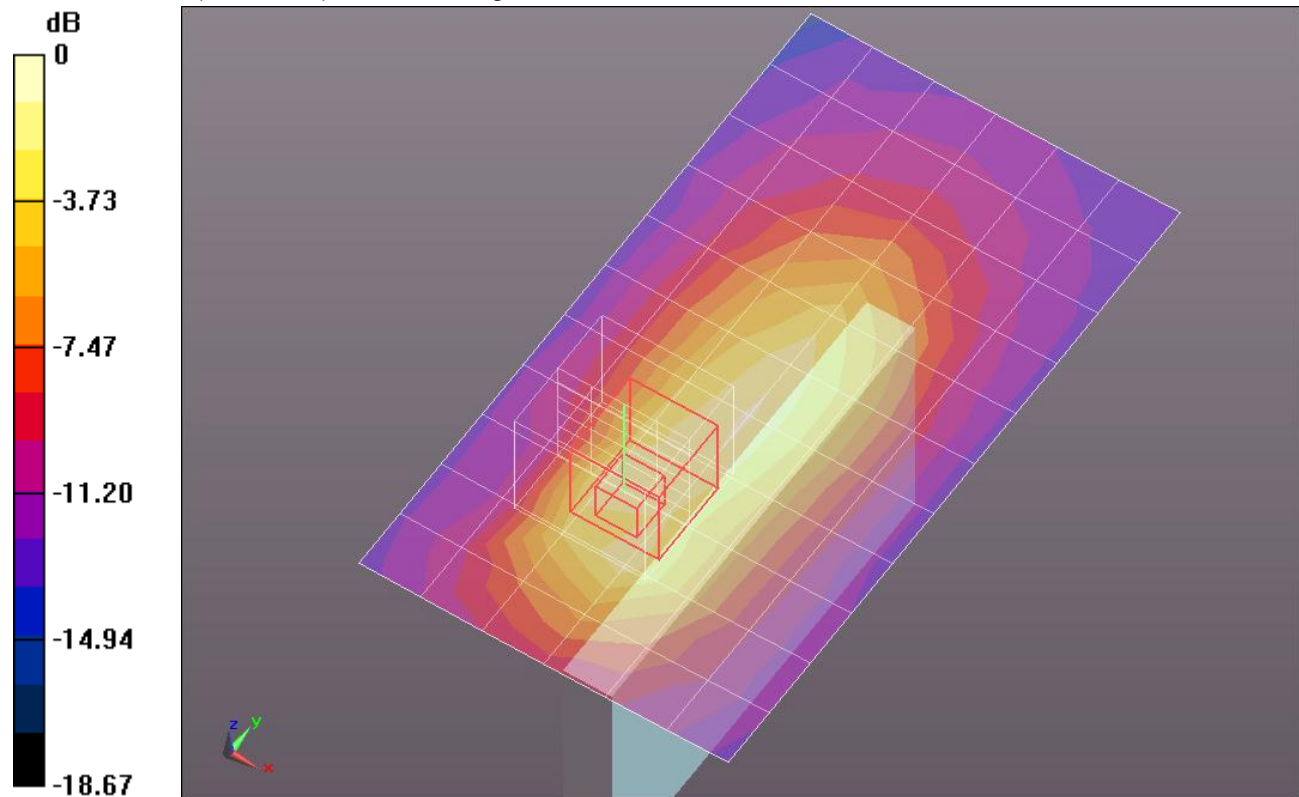
Reference Value = 10.954 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.2700

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.086 mW/g**

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

Maximum value of SAR (measured) = 0.205 mW/g



0 dB = 0.210mW/g = -13.56 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.452$  mho/m;  $\epsilon_r = 53.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 2/Body 10mm\_QPSK\_RB 1/49\_M ch/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.252 mW/g

**Edge 2/Body 10mm\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

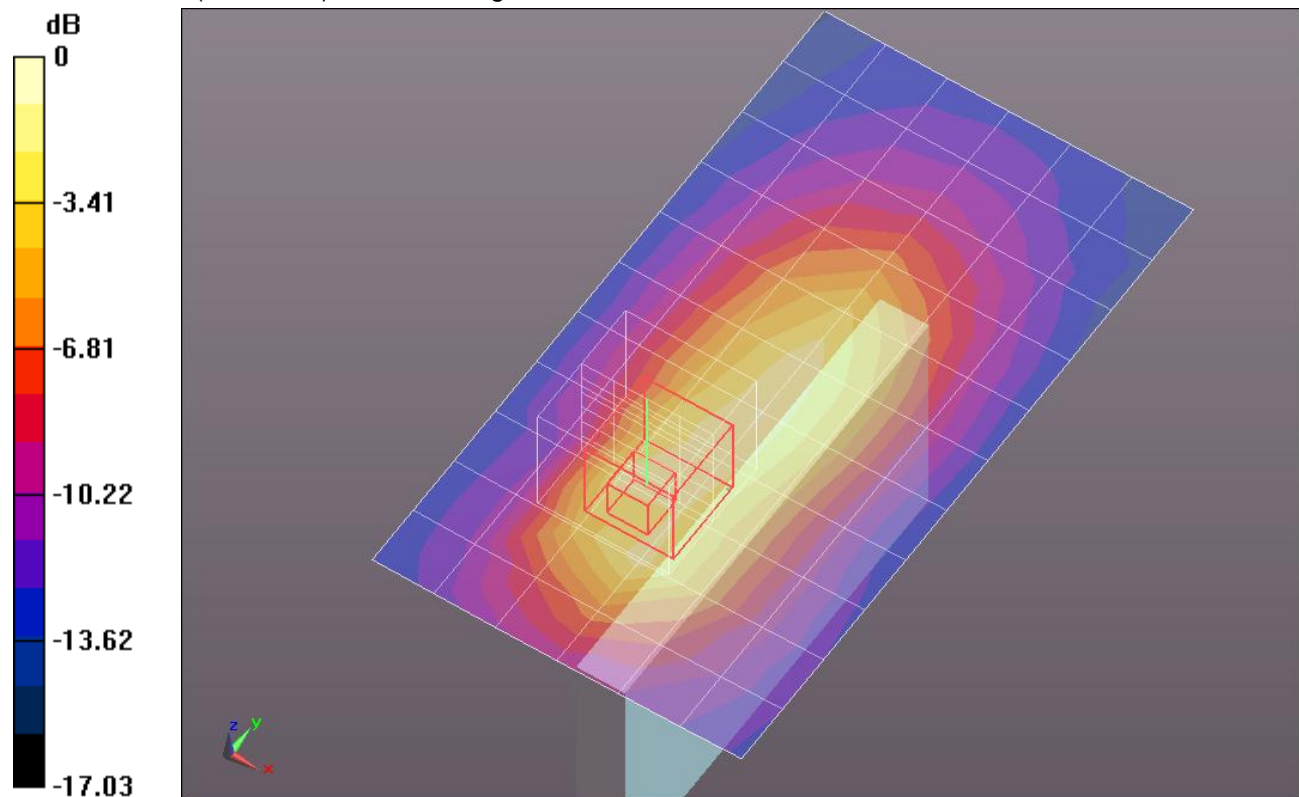
Reference Value = 13.592 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.4140

**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.129 mW/g**

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

Maximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.320mW/g = -9.90 dB mW/g



## LTE Band4\_ Body

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;  $\sigma = 1.452$  mho/m;  $\epsilon_r = 53.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 2/Body 10mm\_QPSK\_RB 25/12\_M ch/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.176 mW/g

**Edge 2/Body 10mm\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

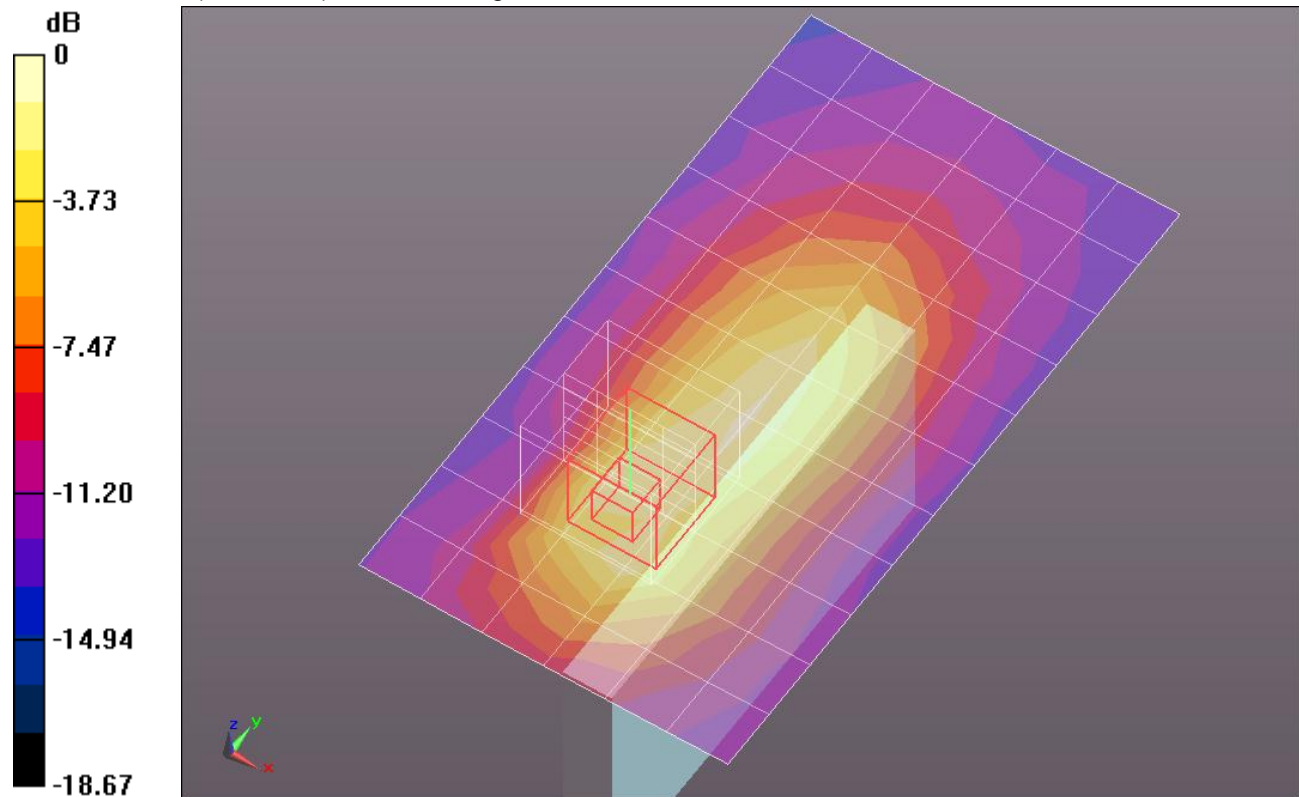
Reference Value = 11.142 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.2900

**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.089 mW/g**

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

Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.452$  mho/m;  $\epsilon_r = 53.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 2/Body 10mm\_16QAM\_RB 1/0\_M ch/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.136 mW/g

**Edge 2/Body 10mm\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

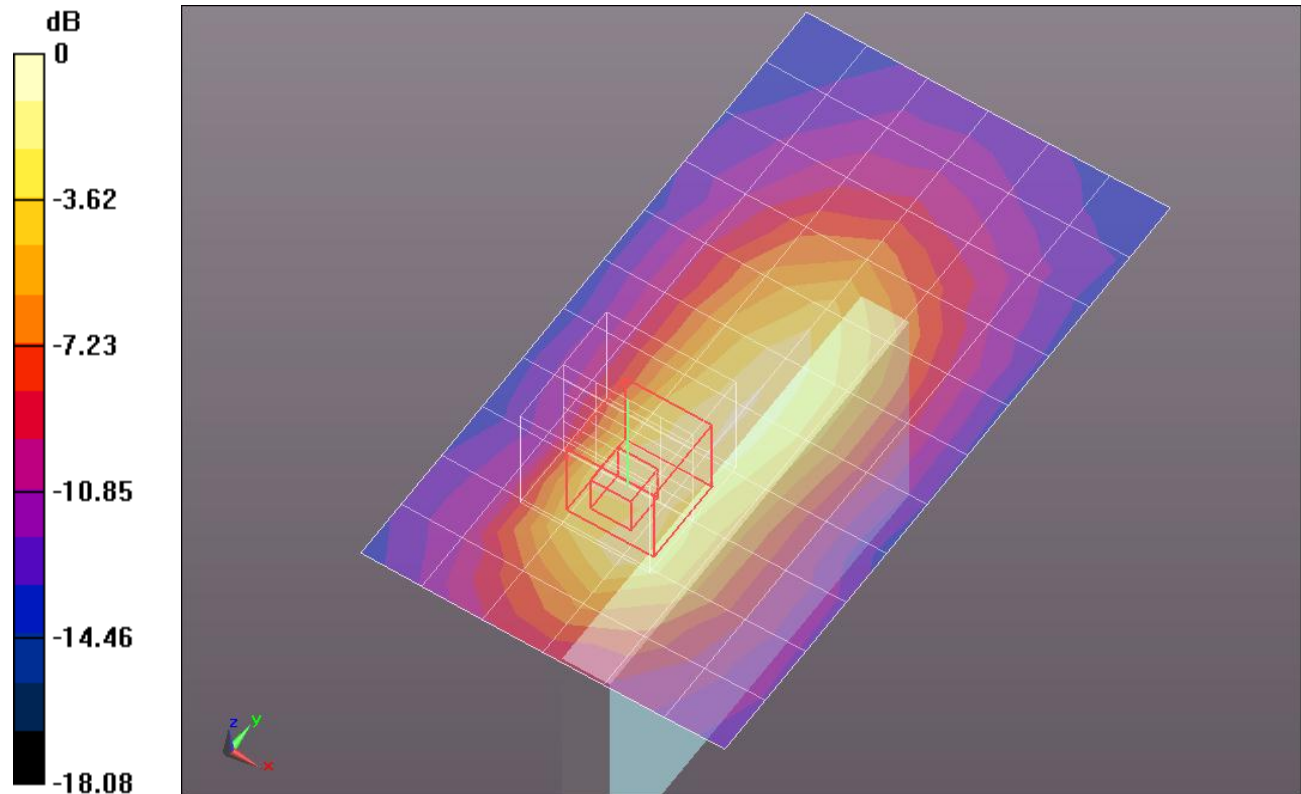
Reference Value = 9.892 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.2240

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.070 mW/g**

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

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.452$  mho/m;  $\epsilon_r = 53.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 2/Body 10mm\_16QAM\_RB 1/49\_M ch/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.218 mW/g

**Edge 2/Body 10mm\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

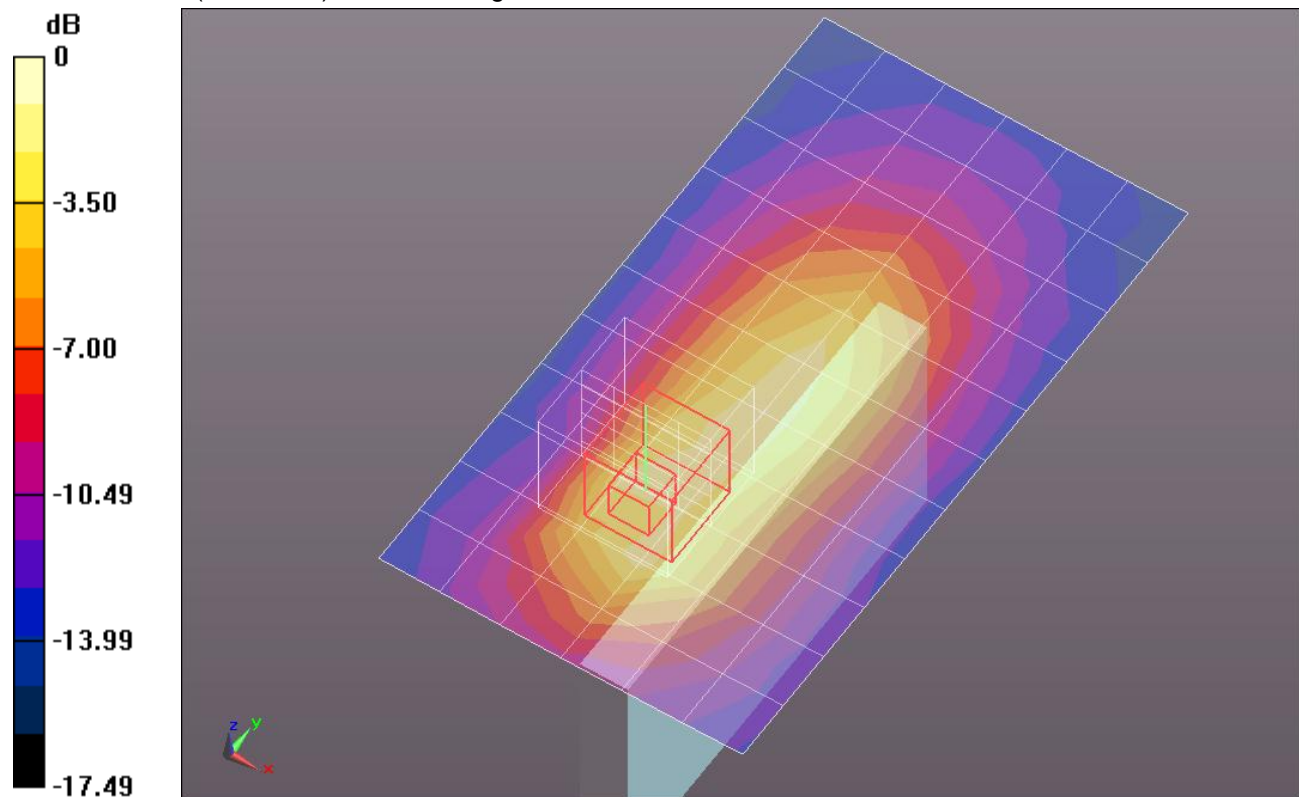
Reference Value = 12.432 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.3640

**SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.110 mW/g**

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

Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.280mW/g = -11.06 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.452$  mho/m;  $\epsilon_r = 53.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

**Edge 2/Body 10mm\_16QAM\_RB 25/12\_M ch/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.158 mW/g

**Edge 2/Body 10mm\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

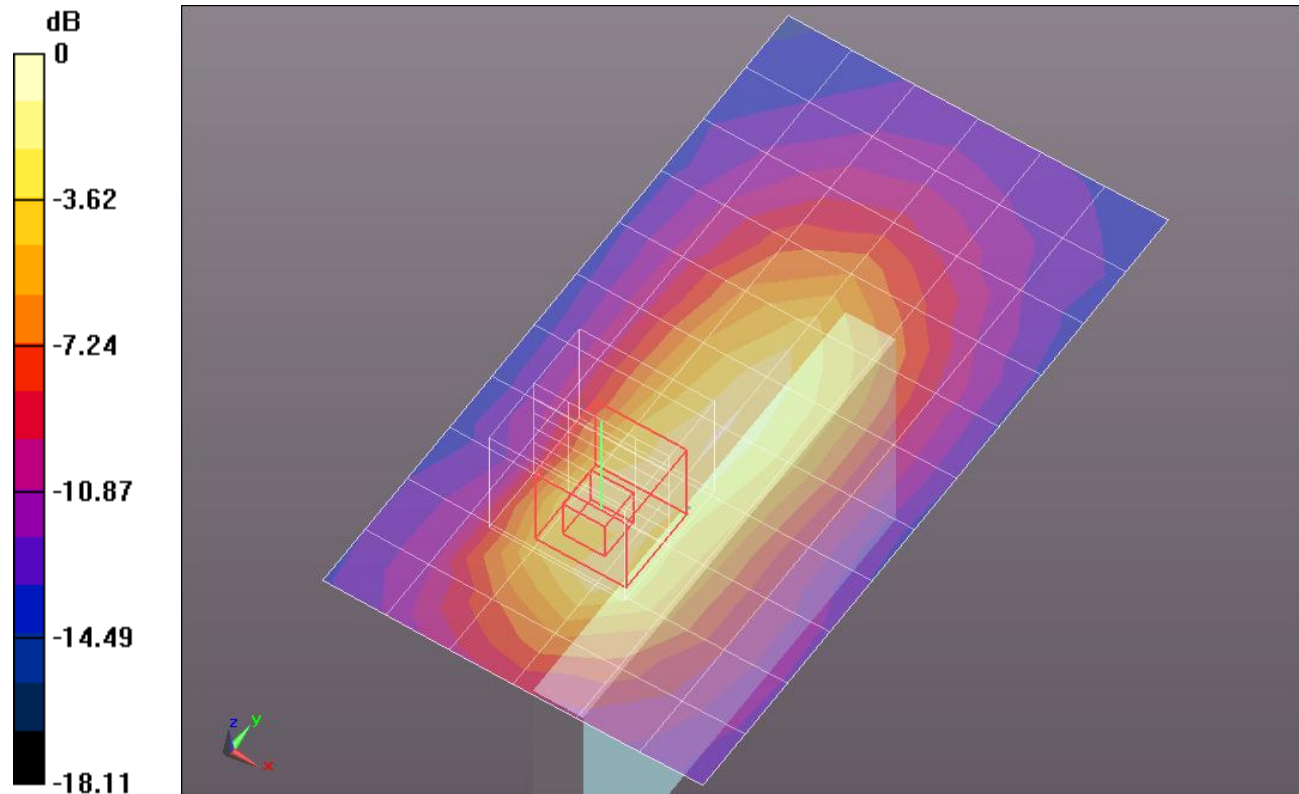
Reference Value = 10.548 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.2600

**SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.080 mW/g**

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

Maximum value of SAR (measured) = 0.199 mW/g



0 dB = 0.200mW/g = -13.98 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left/Touch\_QPSK\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.298 mW/g

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

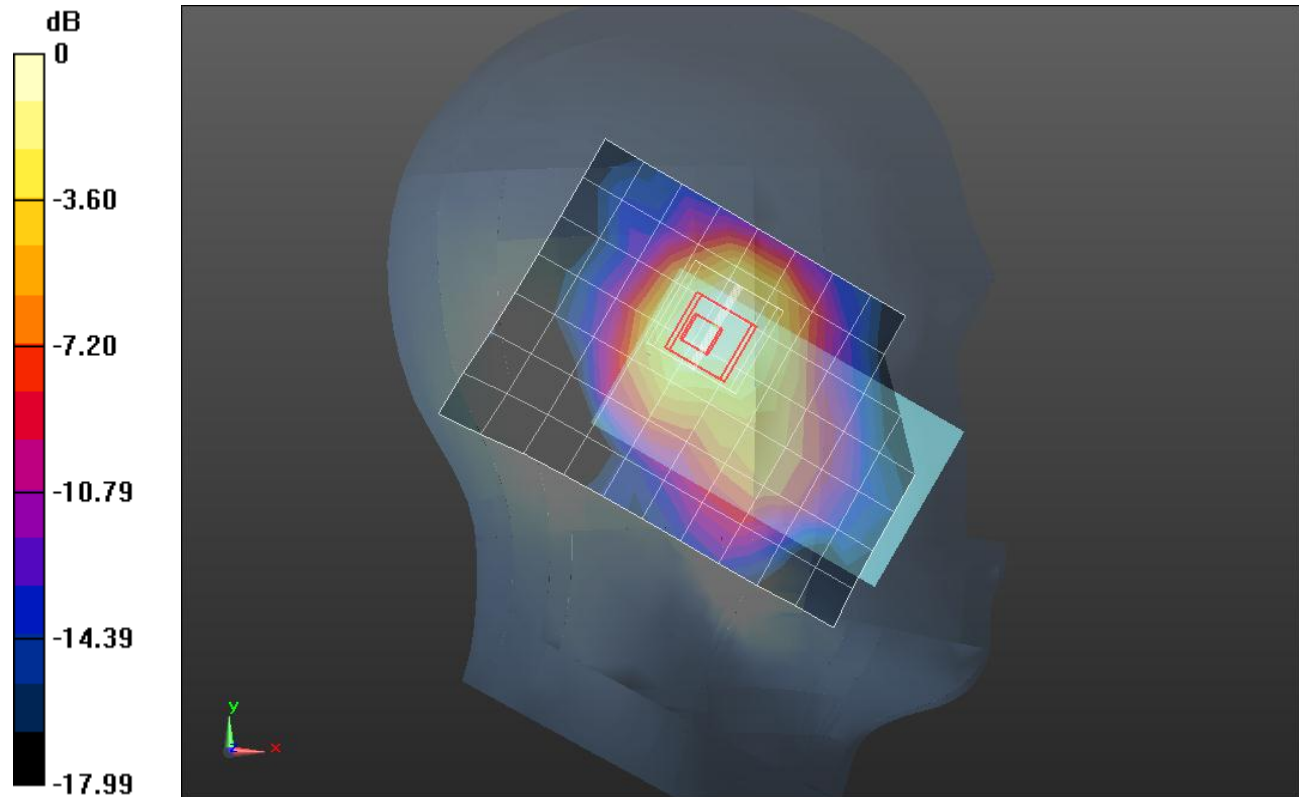
Reference Value = 14.773 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.4170

**SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.137 mW/g**

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

Maximum value of SAR (measured) = 0.293 mW/g



0 dB = 0.290mW/g = -10.75 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left/Touch\_QPSK\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.161 mW/g

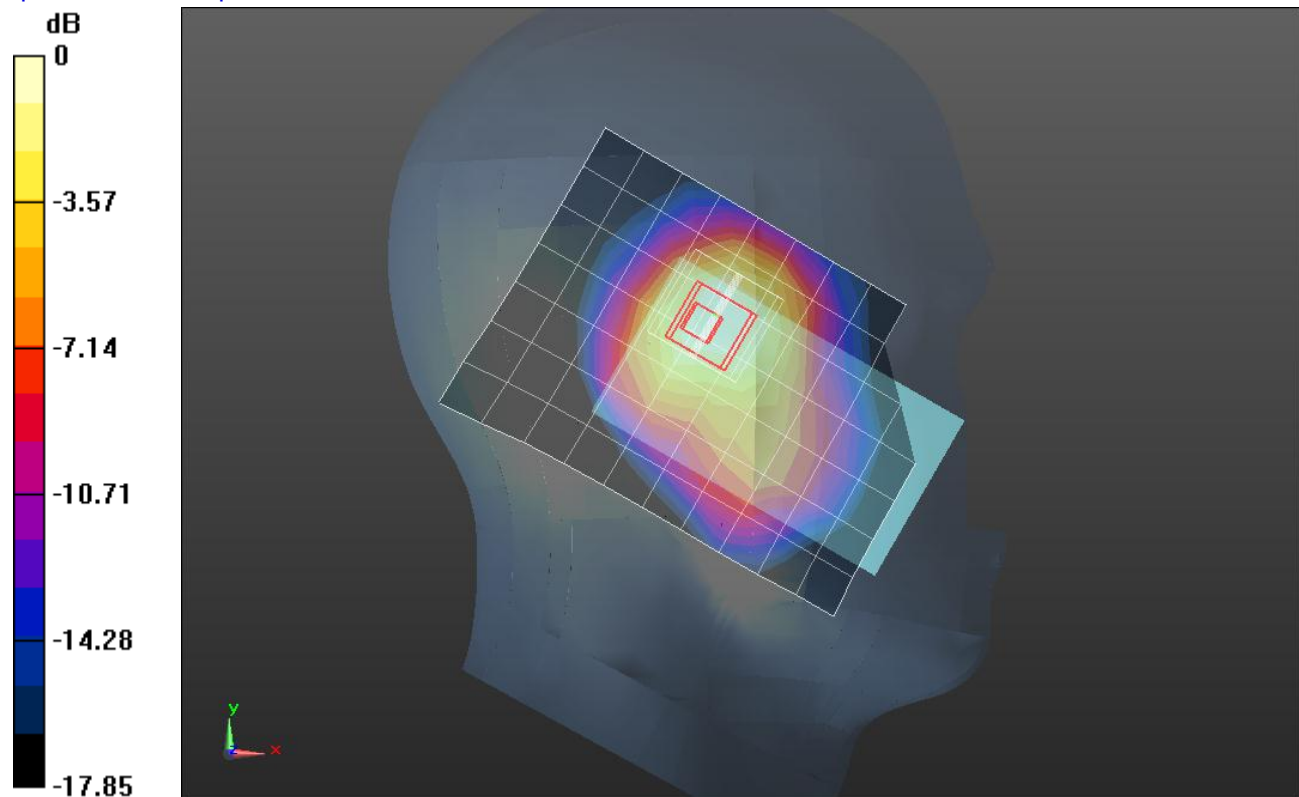
**Left/Touch\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.094 V/m; Power Drift = 0.00089 dB

Peak SAR (extrapolated) = 0.2330

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.076 mW/g**

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



0 dB = 0.160mW/g = -15.92 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left/Touch\_QPSK\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.176 mW/g

**Left/Touch\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

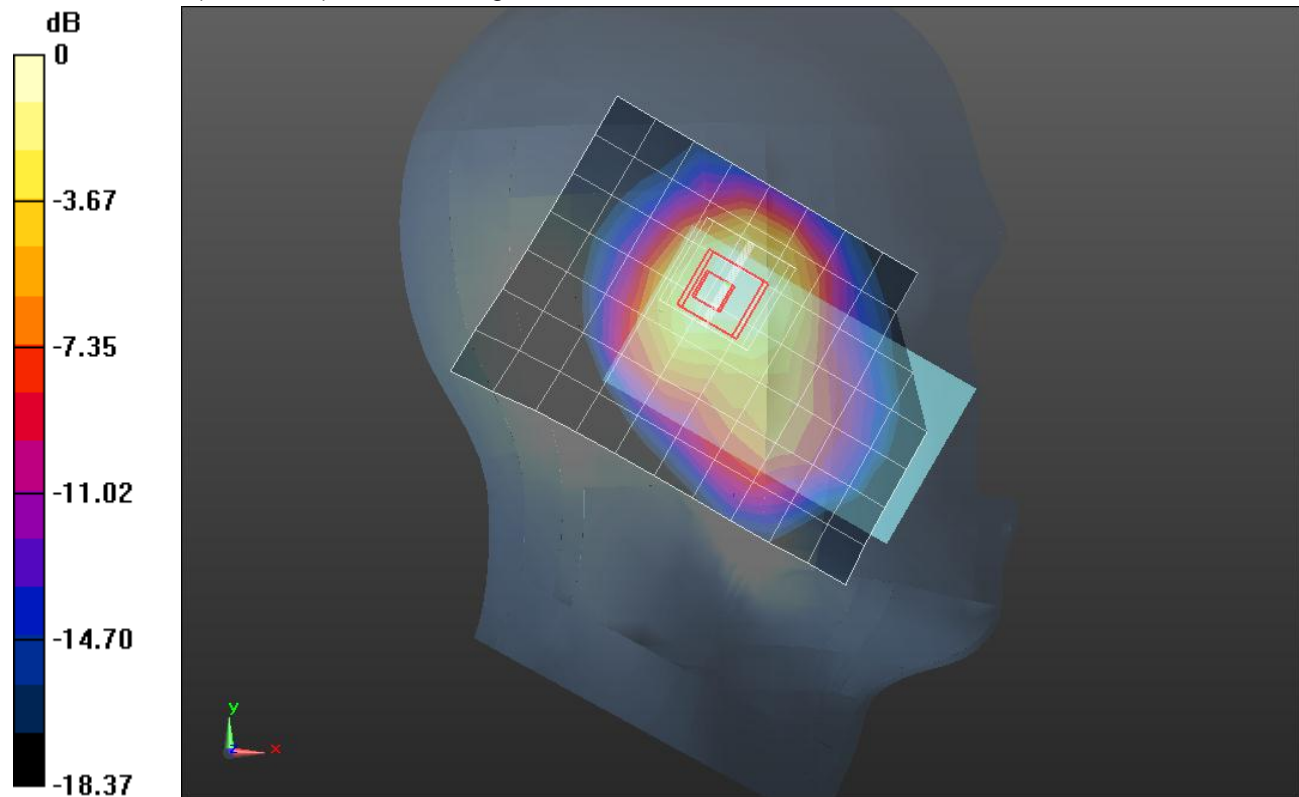
Reference Value = 11.593 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.2550

**SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.083 mW/g**

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

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.180mW/g = -14.89 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left/Touch\_16QAM\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.251 mW/g

**Left/Touch\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

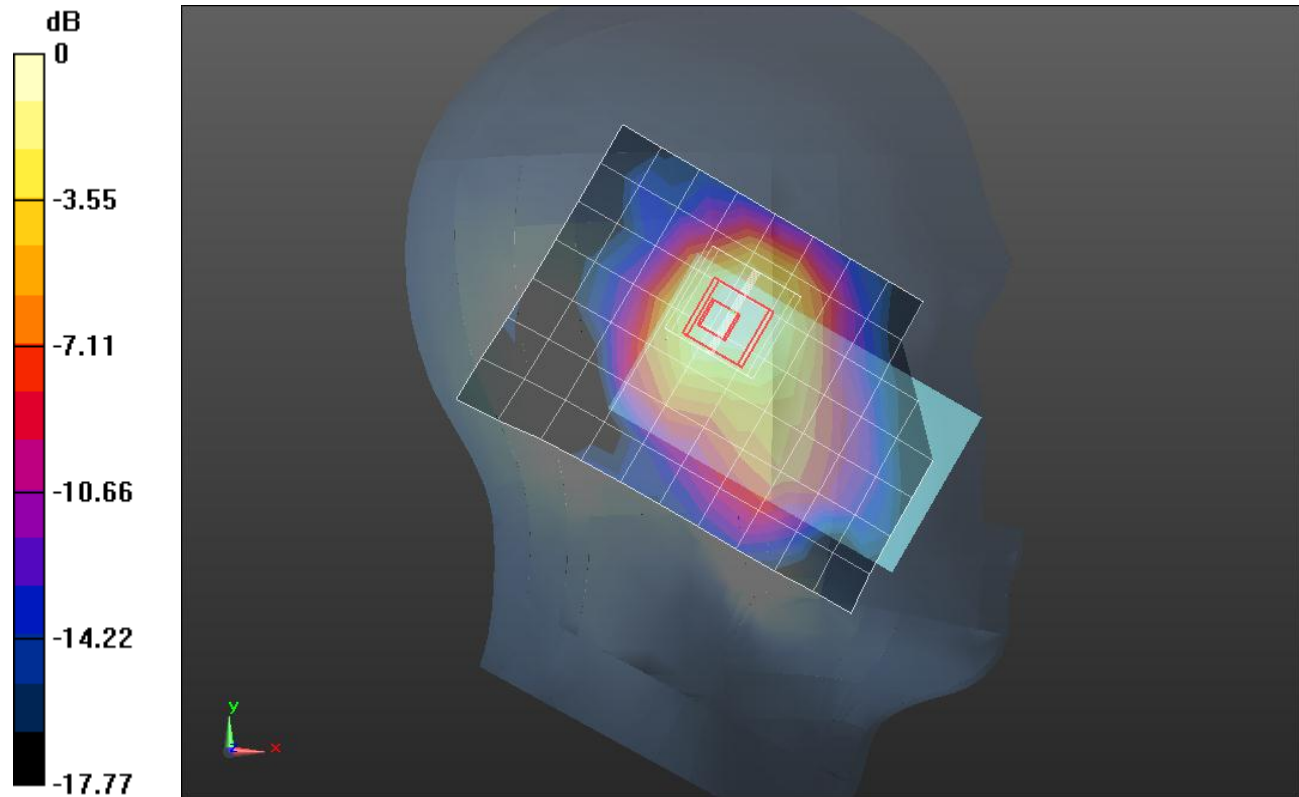
Reference Value = 13.518 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.3490

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.115 mW/g**

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

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.250mW/g = -12.04 dB mW/g



## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left/Touch\_16QAM\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.138 mW/g

**Left/Touch\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

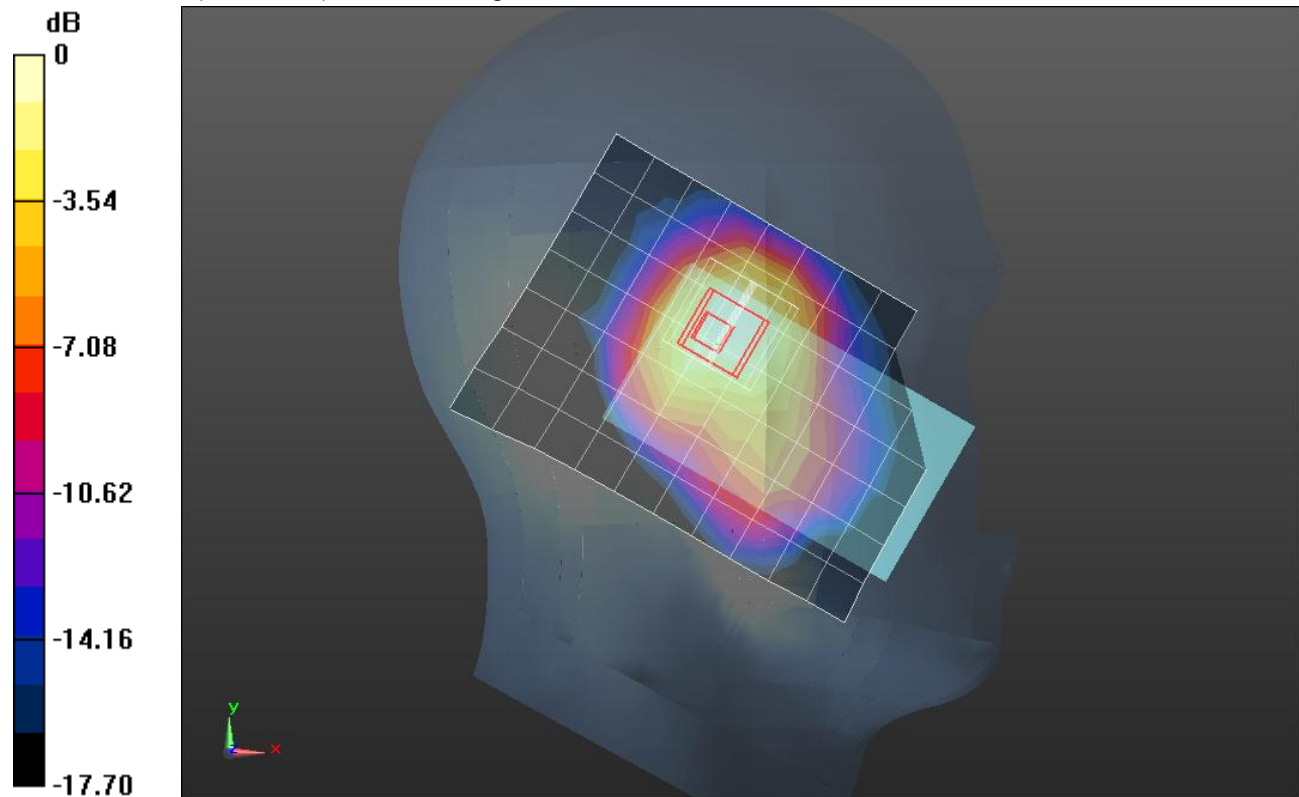
Reference Value = 10.354 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.2020

**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.066 mW/g**

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

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.140mW/g = -17.08 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left/Touch\_16QAM\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.147 mW/g

**Left/Touch\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

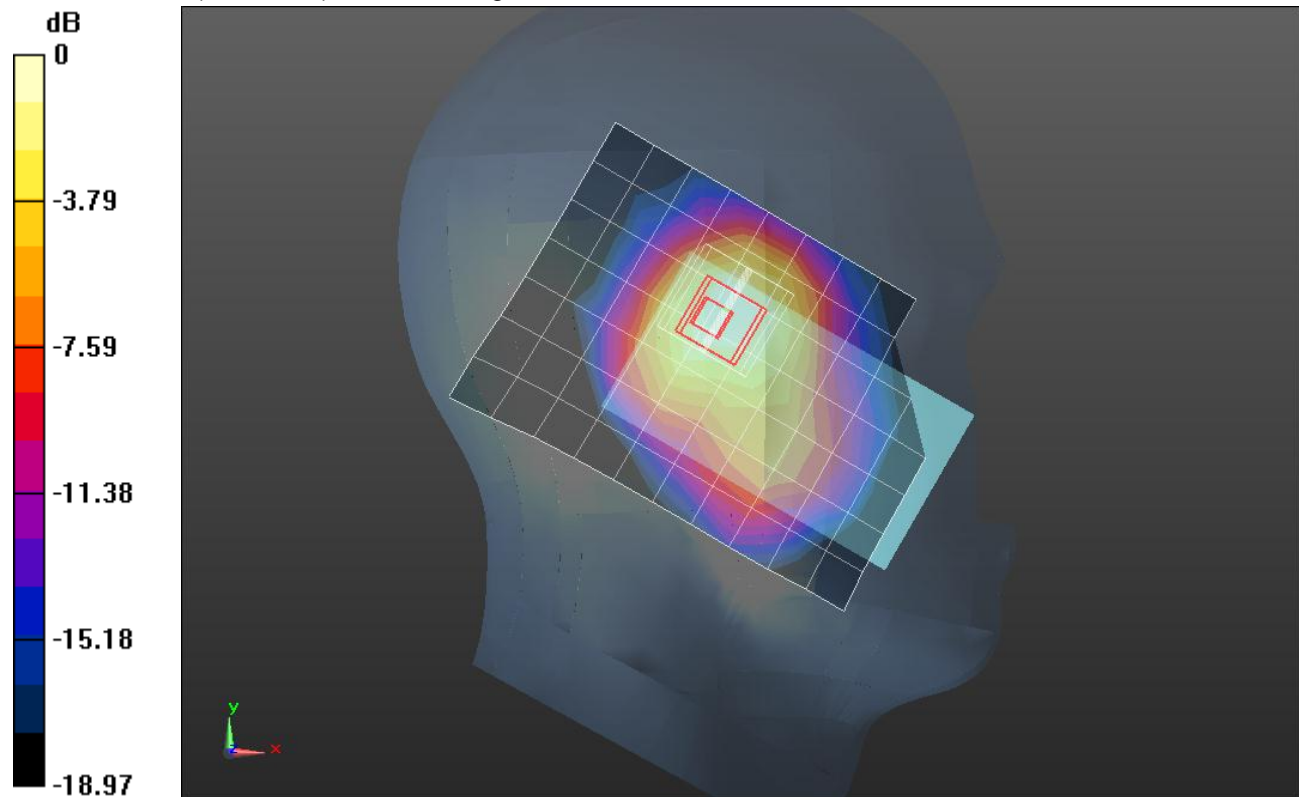
Reference Value = 10.424 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.2120

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.069 mW/g**

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

Maximum value of SAR (measured) = 0.148 mW/g



0 dB = 0.150mW/g = -16.48 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Right/Touch\_QPSK\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.238 mW/g

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

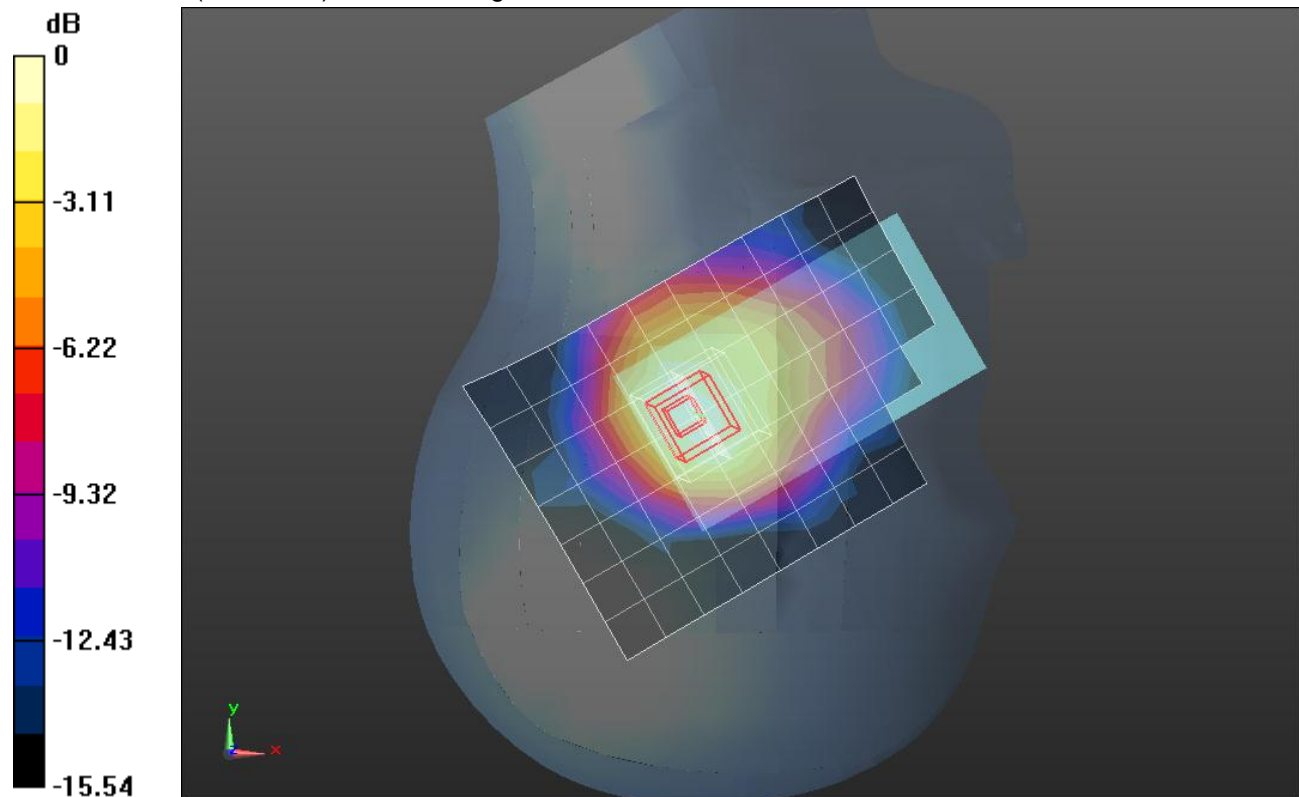
Reference Value = 13.529 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.2980

**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.116 mW/g**

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

Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.230mW/g = -12.77 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Right/Touch\_QPSK\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.133 mW/g

**Right/Touch\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

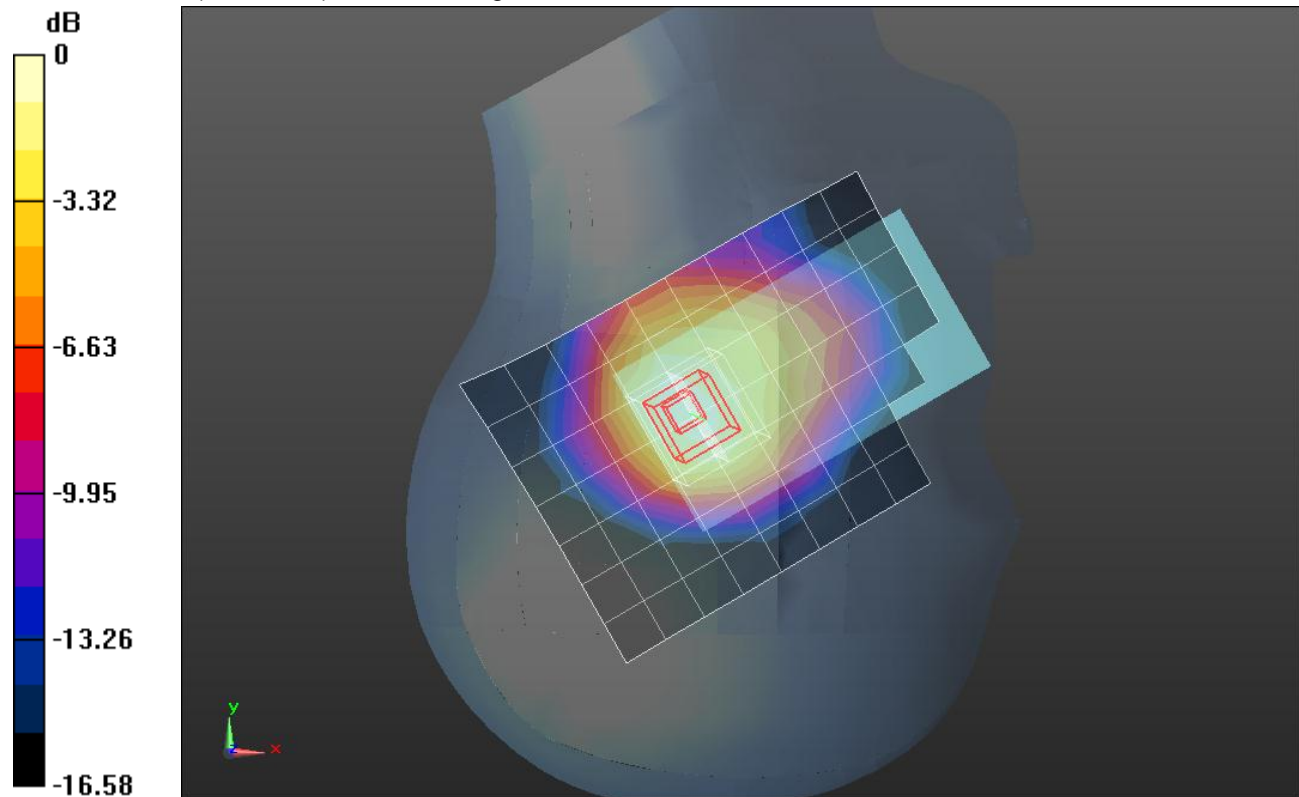
Reference Value = 10.010 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.1670

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.064 mW/g**

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

Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Right/Touch\_QPSK\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.140 mW/g

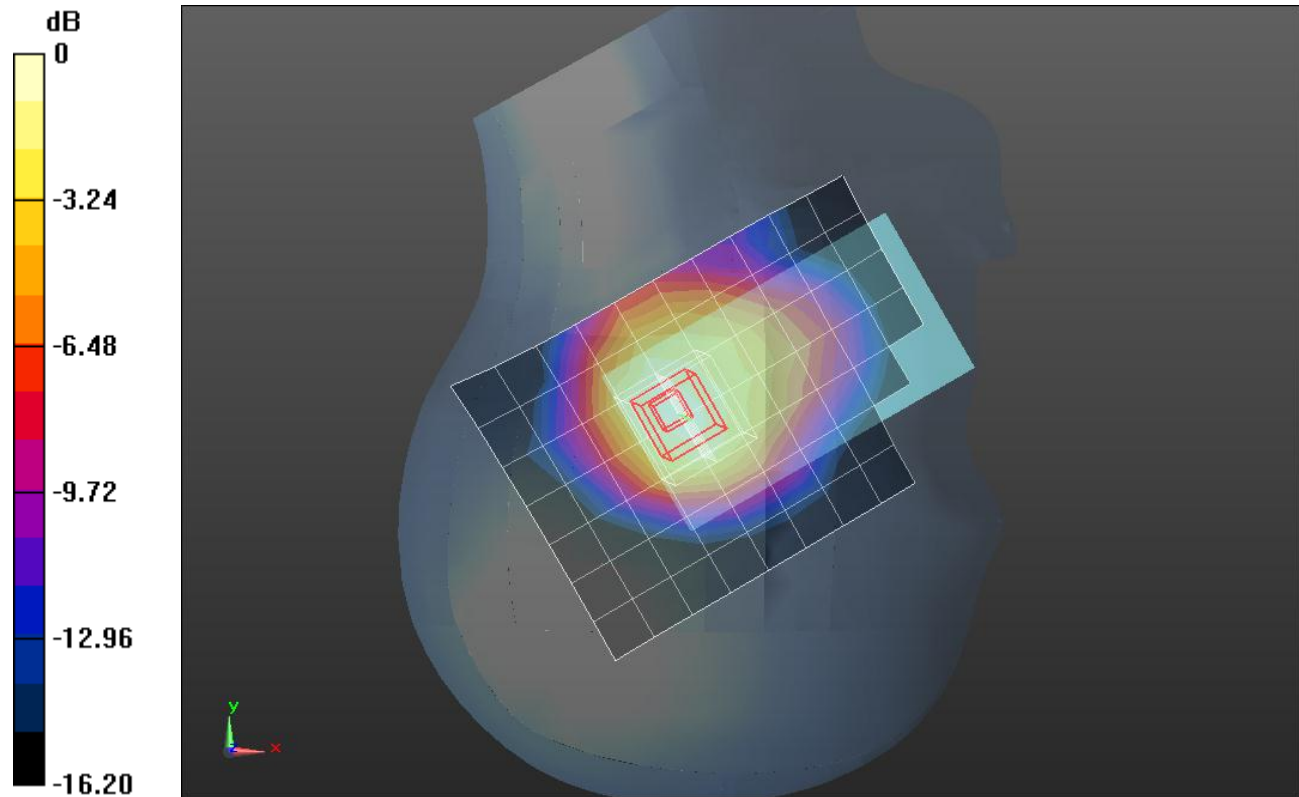
**Right/Touch\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.347 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.1810

**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.069 mW/g**

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



0 dB = 0.140mW/g = -17.08 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Right/Touch\_16QAM\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.193 mW/g

**Right/Touch\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

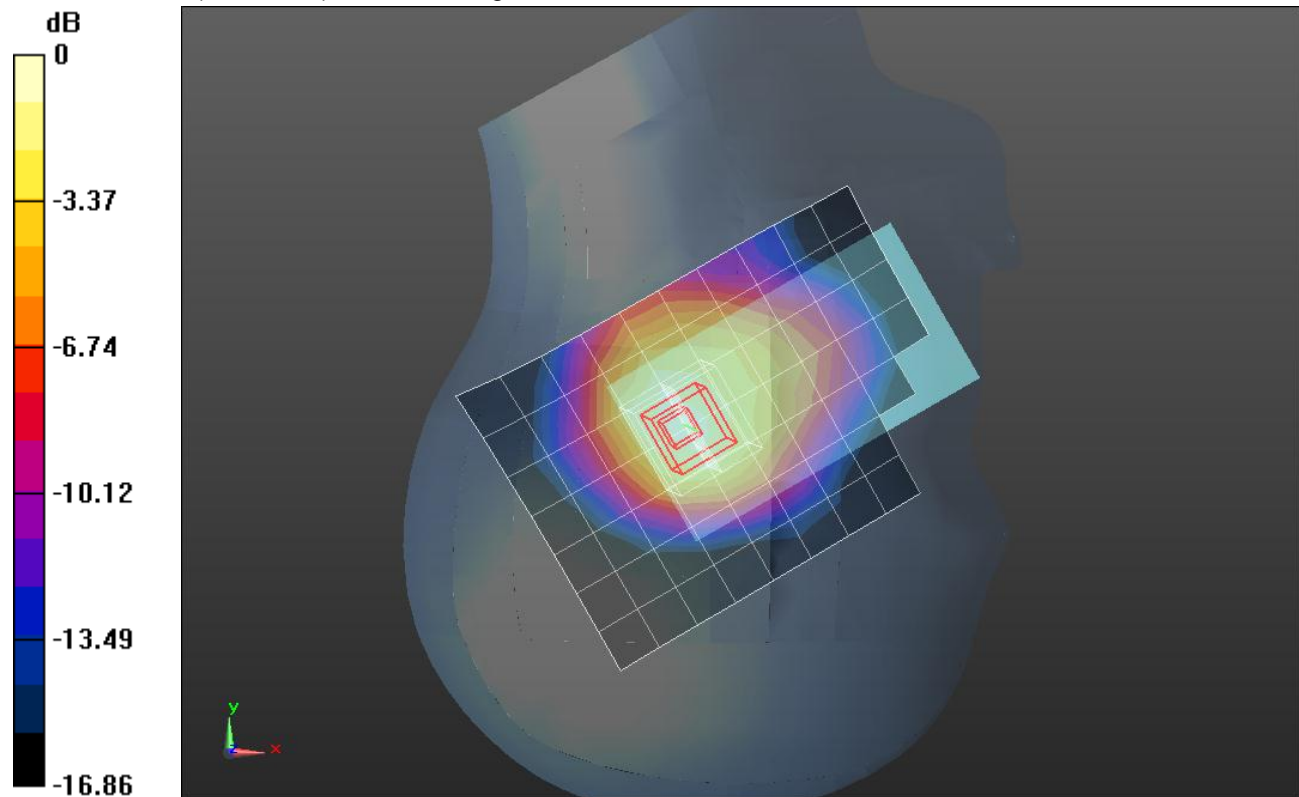
Reference Value = 12.298 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.2490

**SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.096 mW/g**

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

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.200mW/g = -13.98 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Right/Touch\_16QAM\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.120 mW/g

**Right/Touch\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

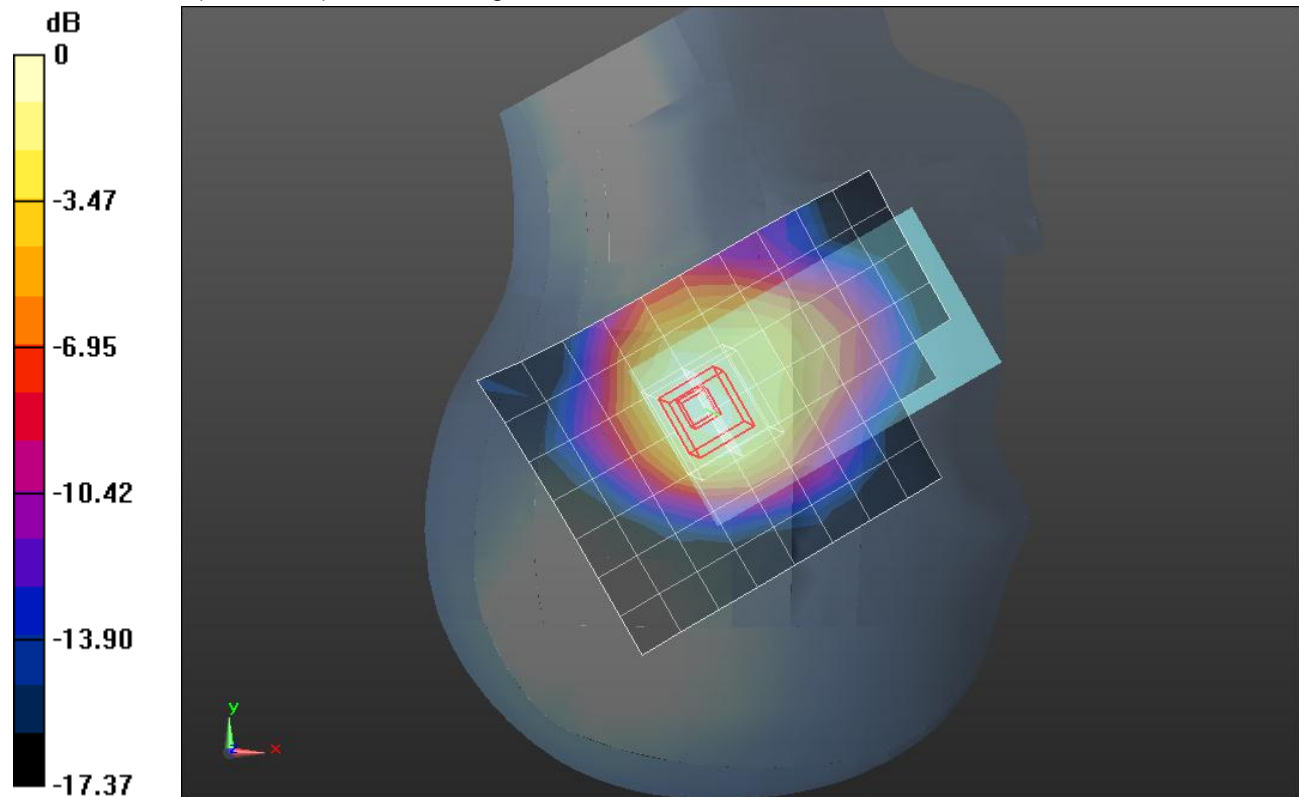
Reference Value = 9.492 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.1520

**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.058 mW/g**

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

Maximum value of SAR (measured) = 0.116 mW/g



0 dB = 0.120mW/g = -18.42 dB mW/g

## LTE Band4\_Head

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;  $\sigma = 1.303$  mho/m;  $\epsilon_r = 39.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.92, 8.92, 8.92); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Right/Touch\_16QAM\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.125 mW/g

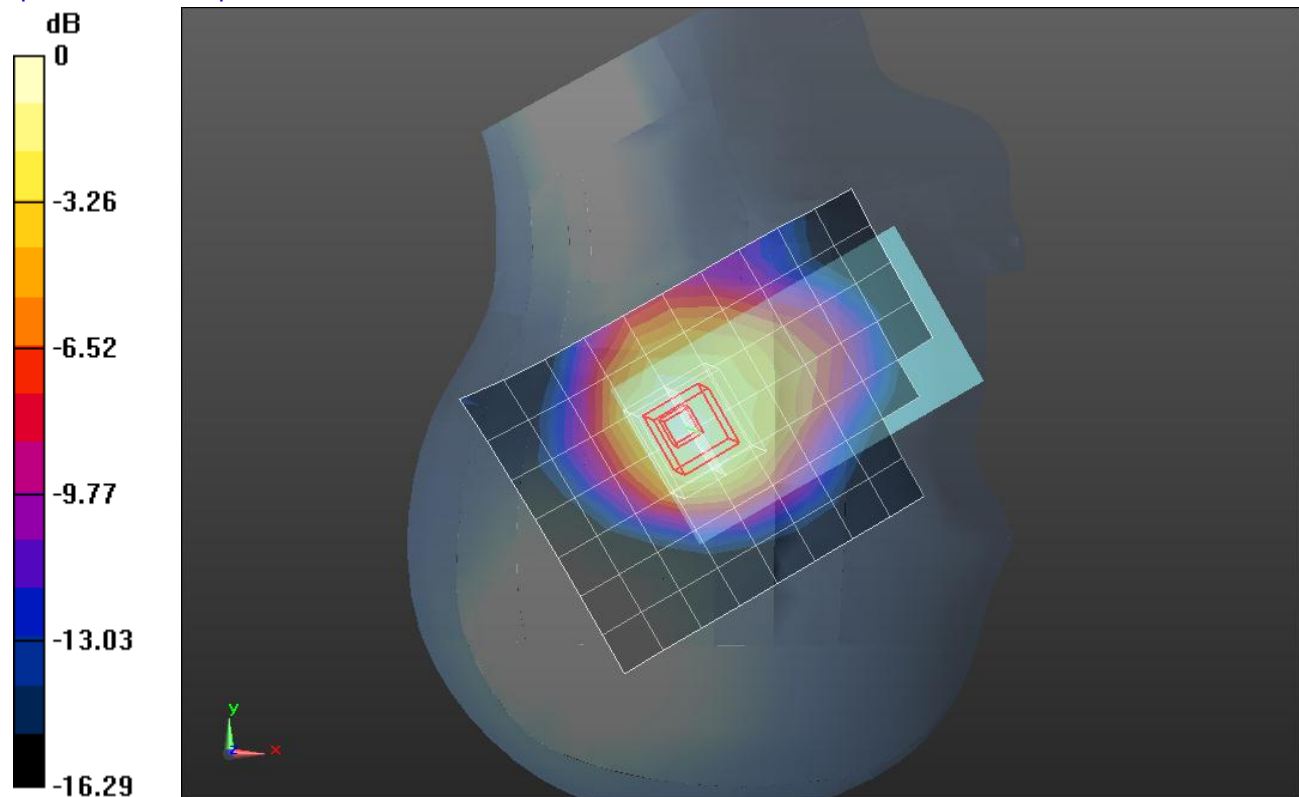
**Right/Touch\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.845 V/m; Power Drift = -0.0027 dB

Peak SAR (extrapolated) = 0.1600

**SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.061 mW/g**

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



0 dB = 0.130mW/g = -17.72 dB mW/g



## LTE Band4\_ Body

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;  $\sigma = 1.434$  mho/m;  $\epsilon_r = 53.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.34, 8.34, 8.34); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/Body 10mm\_QPSK\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.343 mW/g

**Rear/Body 10mm\_QPSK\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

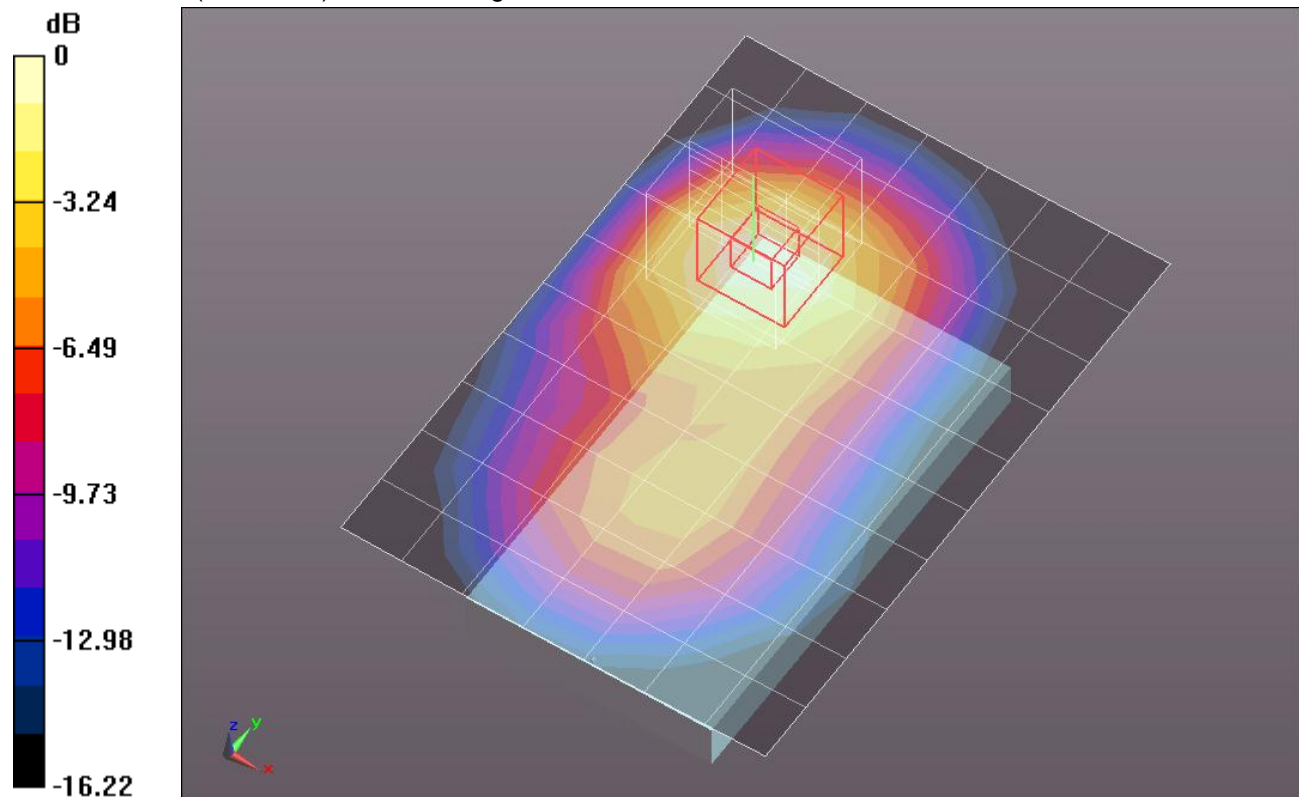
Reference Value = 15.613 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.4430

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.162 mW/g**

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

Maximum value of SAR (measured) = 0.336 mW/g



0 dB = 0.340mW/g = -9.37 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.434$  mho/m;  $\epsilon_r = 53.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.34, 8.34, 8.34); Calibrated: 12/19/2011
- 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/Body 10mm\_QPSK\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.199 mW/g

**Rear/Body 10mm\_QPSK\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

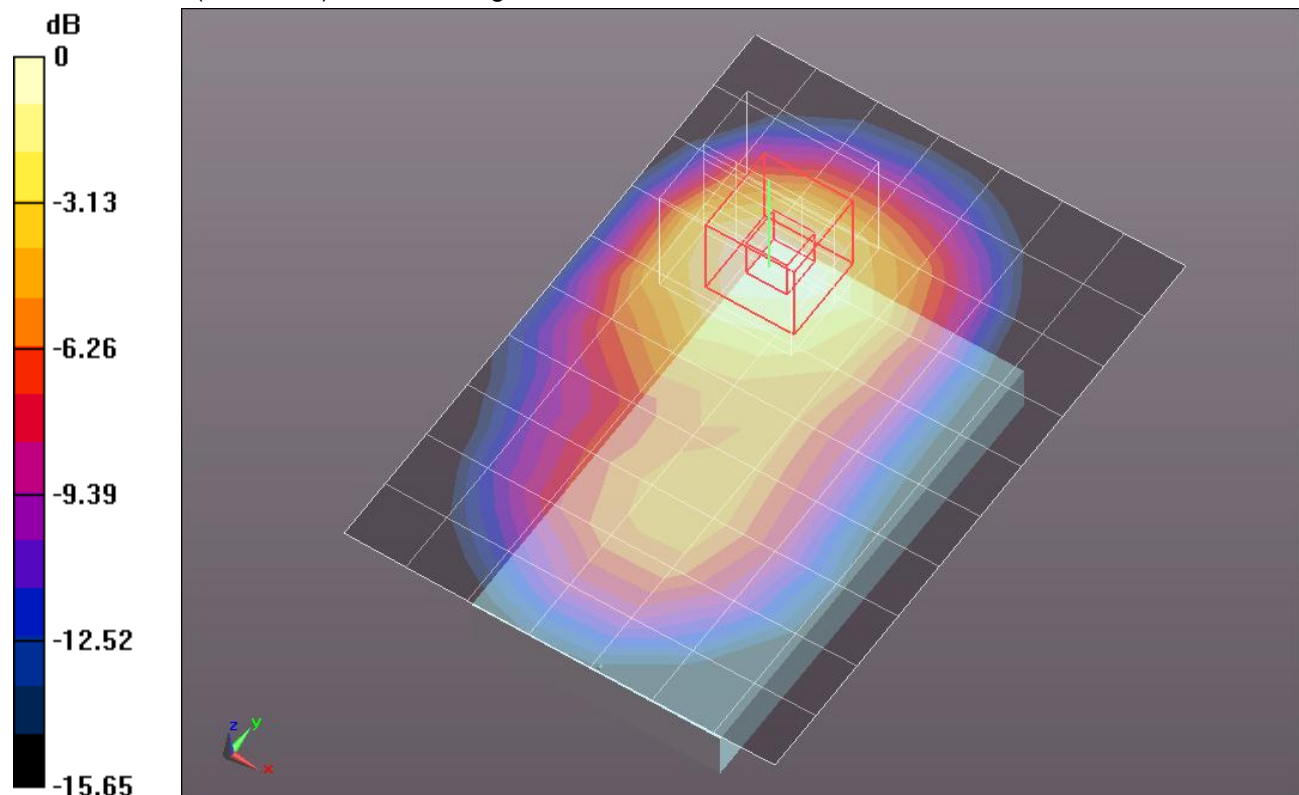
Reference Value = 11.842 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.2580

**SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.095 mW/g**

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

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.190mW/g = -14.42 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.434$  mho/m;  $\epsilon_r = 53.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.34, 8.34, 8.34); Calibrated: 12/19/2011
- 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/Body 10mm\_QPSK\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.205 mW/g

**Rear/Body 10mm\_QPSK\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

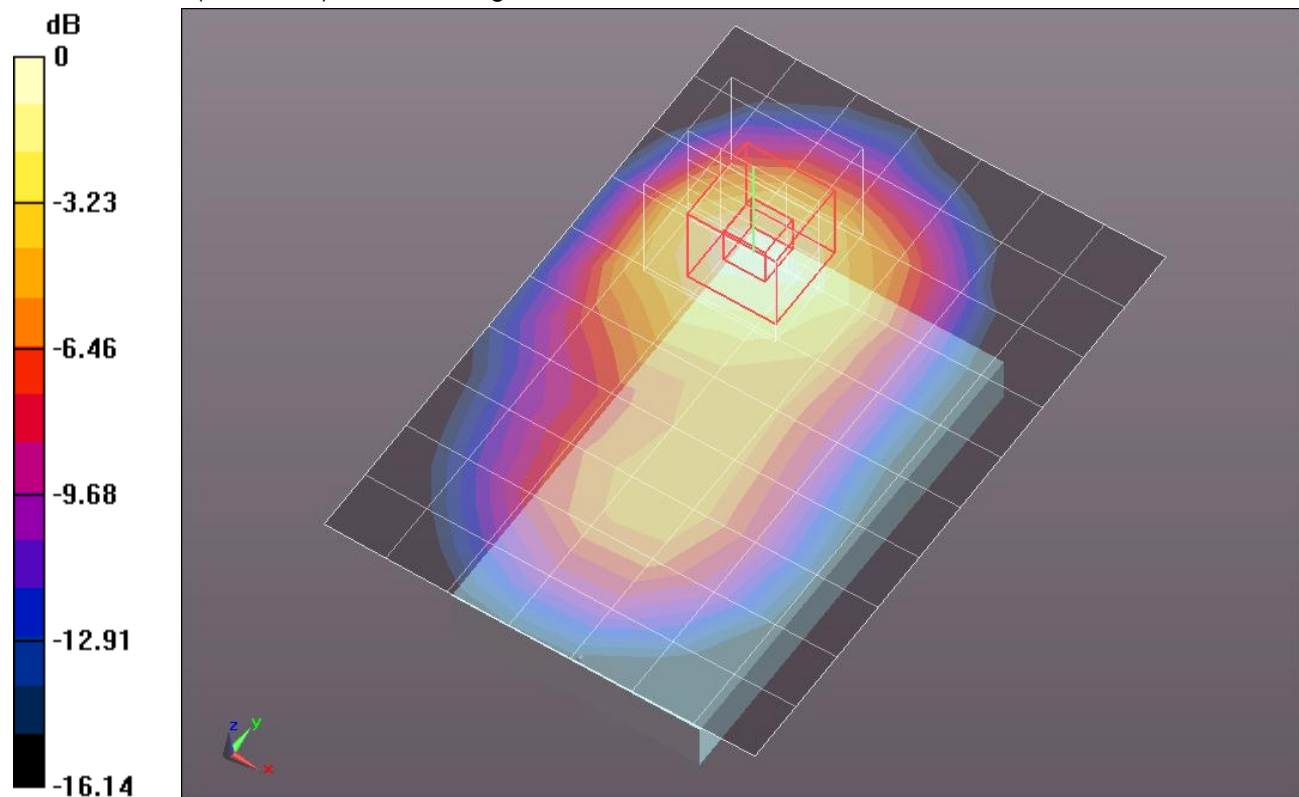
Reference Value = 12.108 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.2730

**SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.100 mW/g**

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

Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.210mW/g = -13.56 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.434$  mho/m;  $\epsilon_r = 53.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.34, 8.34, 8.34); Calibrated: 12/19/2011
- 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/Body 10mm\_16QAM\_RB 1/0\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.294 mW/g

**Rear/Body 10mm\_16QAM\_RB 1/0\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

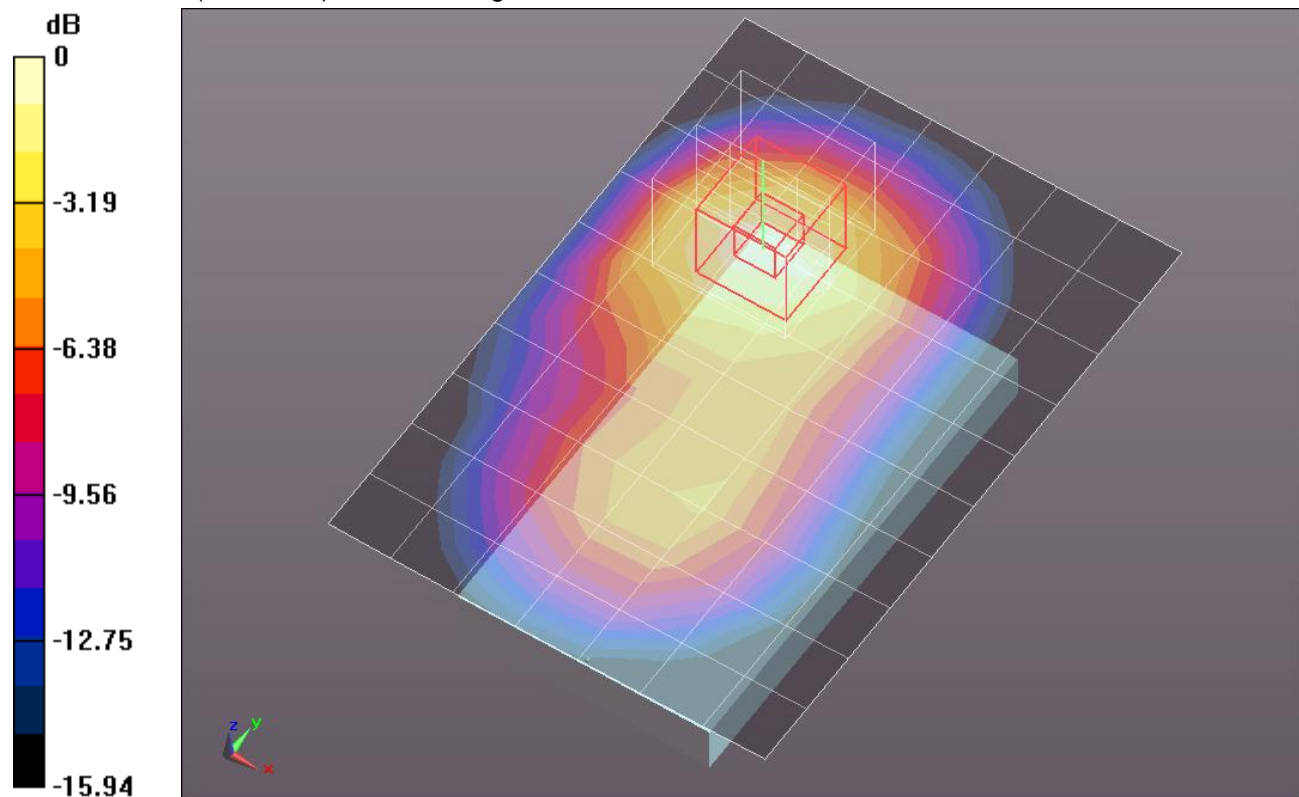
Reference Value = 14.498 V/m; Power Drift = -0.0033 dB

Peak SAR (extrapolated) = 0.3910

**SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.143 mW/g**

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

Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.300mW/g = -10.46 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.434$  mho/m;  $\epsilon_r = 53.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.34, 8.34, 8.34); Calibrated: 12/19/2011
- 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/Body 10mm\_16QAM\_RB 1/49\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.169 mW/g

**Rear/Body 10mm\_16QAM\_RB 1/49\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

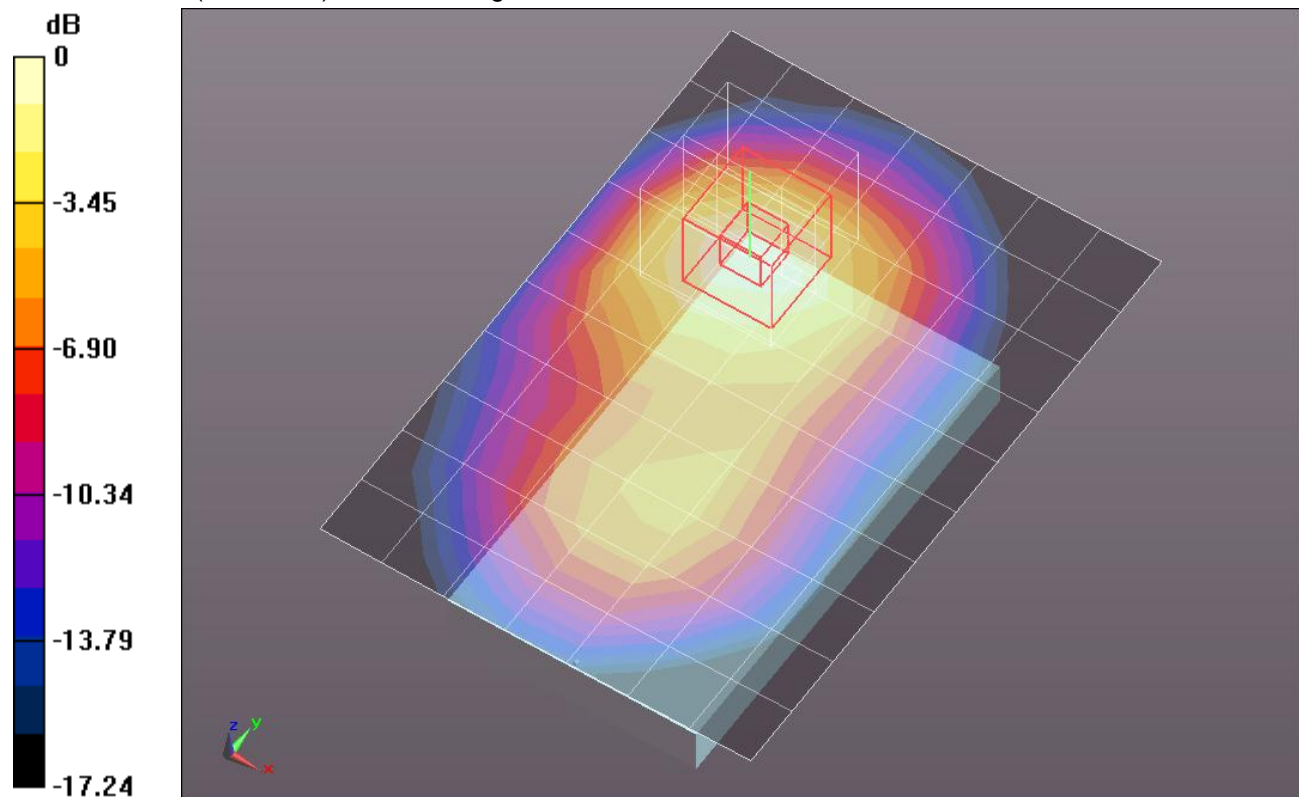
Reference Value = 10.949 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.2250

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.082 mW/g**

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

Maximum value of SAR (measured) = 0.173 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

## LTE Band4\_ Body

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;  $\sigma = 1.434$  mho/m;  $\epsilon_r = 53.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(8.34, 8.34, 8.34); Calibrated: 12/19/2011
- 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/Body 10mm\_16QAM\_RB 25/12\_M ch/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.181 mW/g

**Rear/Body 10mm\_16QAM\_RB 25/12\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

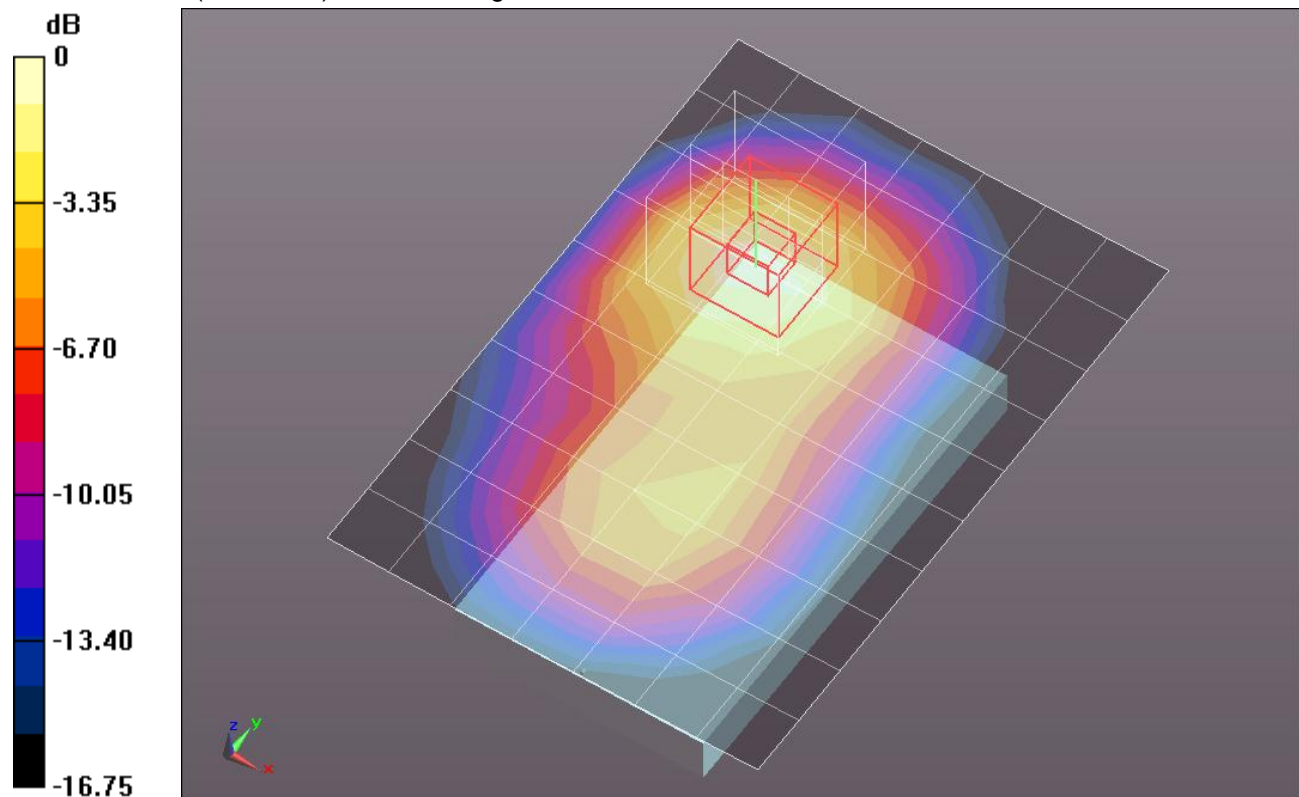
Reference Value = 11.320 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.2390

**SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.088 mW/g**

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

Maximum value of SAR (measured) = 0.186 mW/g



0 dB = 0.190mW/g = -14.42 dB mW/g