

## GSM850\_LAT

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 43.094$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.53, 8.53, 8.53); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_GPRS 2 Slots\_ch 190/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.550 W/kg

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

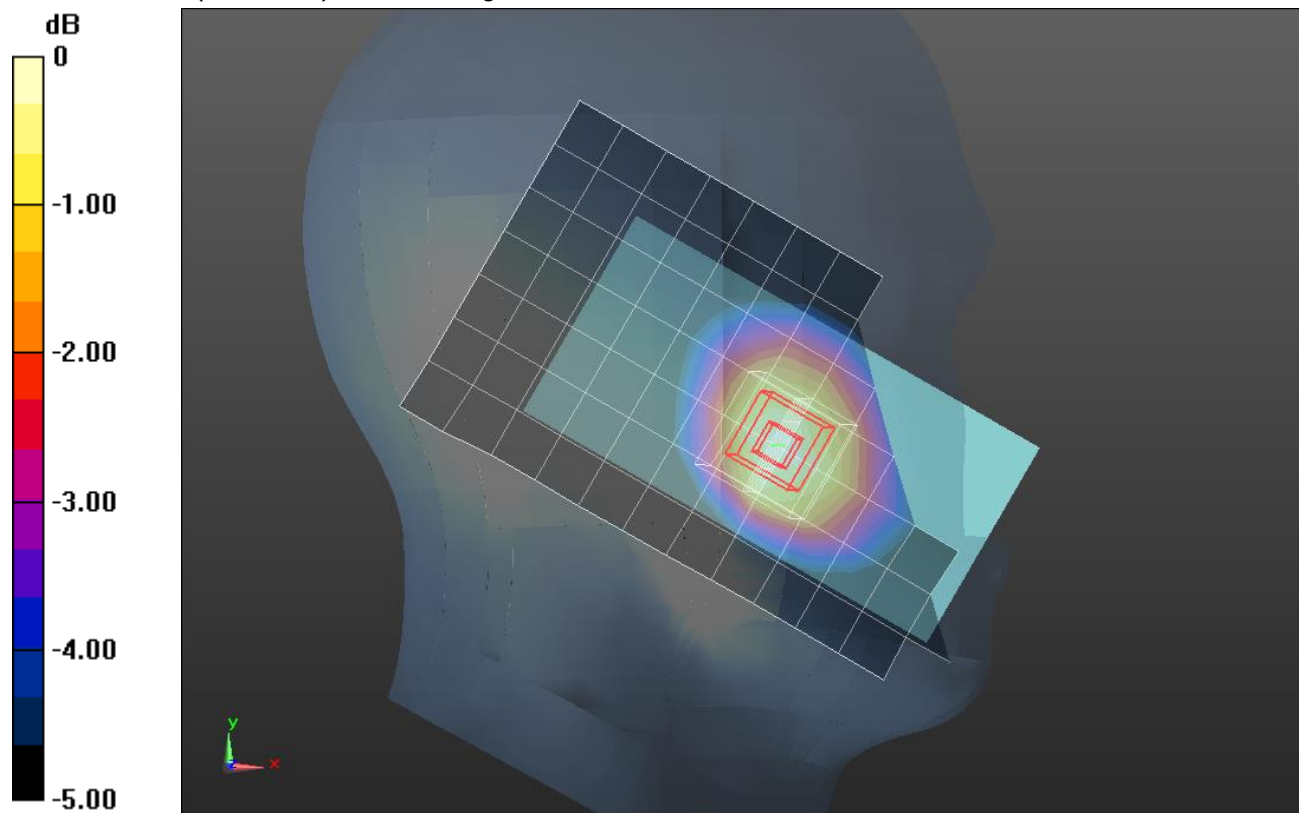
Reference Value = 24.24 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.368 W/kg**

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

Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg = -2.65 dBW/kg

**GSM850\_LAT**

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.002$  S/m;  $\epsilon_r = 54.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Front/GPRS 2 Slots\_ch 190/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.778 W/kg

**Front/GPRS 2 Slots\_ch 190/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.77 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.387 W/kg**

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

Maximum value of SAR (measured) = 0.965 W/kg

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

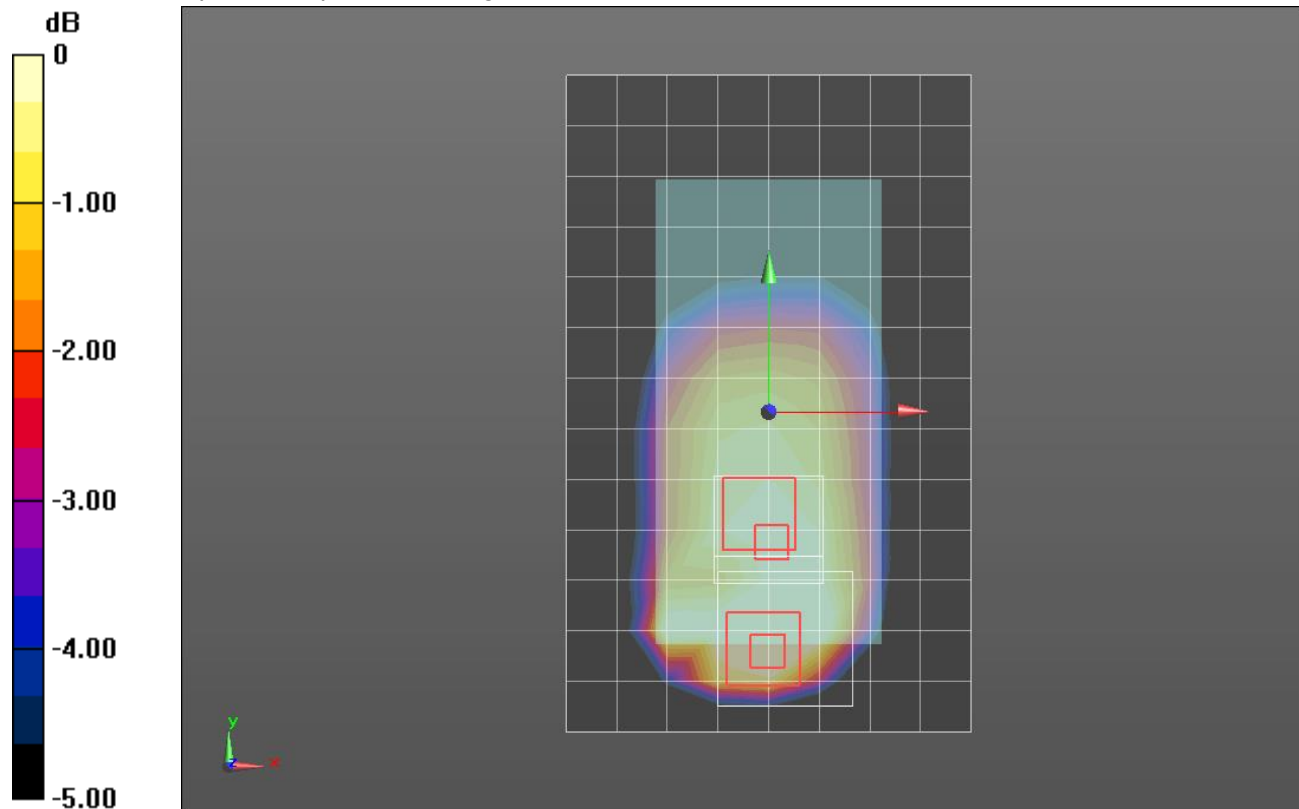
Reference Value = 27.77 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.751 W/kg

**SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.411 W/kg**

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

Maximum value of SAR (measured) = 0.623 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

## GSM850\_LAT

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.002$  S/m;  $\epsilon_r = 54.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

### Edge 4/GPRS 2 Slots\_ch 190/Area Scan (7x15x1):

Measurement grid: dx=15mm, dy=15mm  
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.15 W/kg

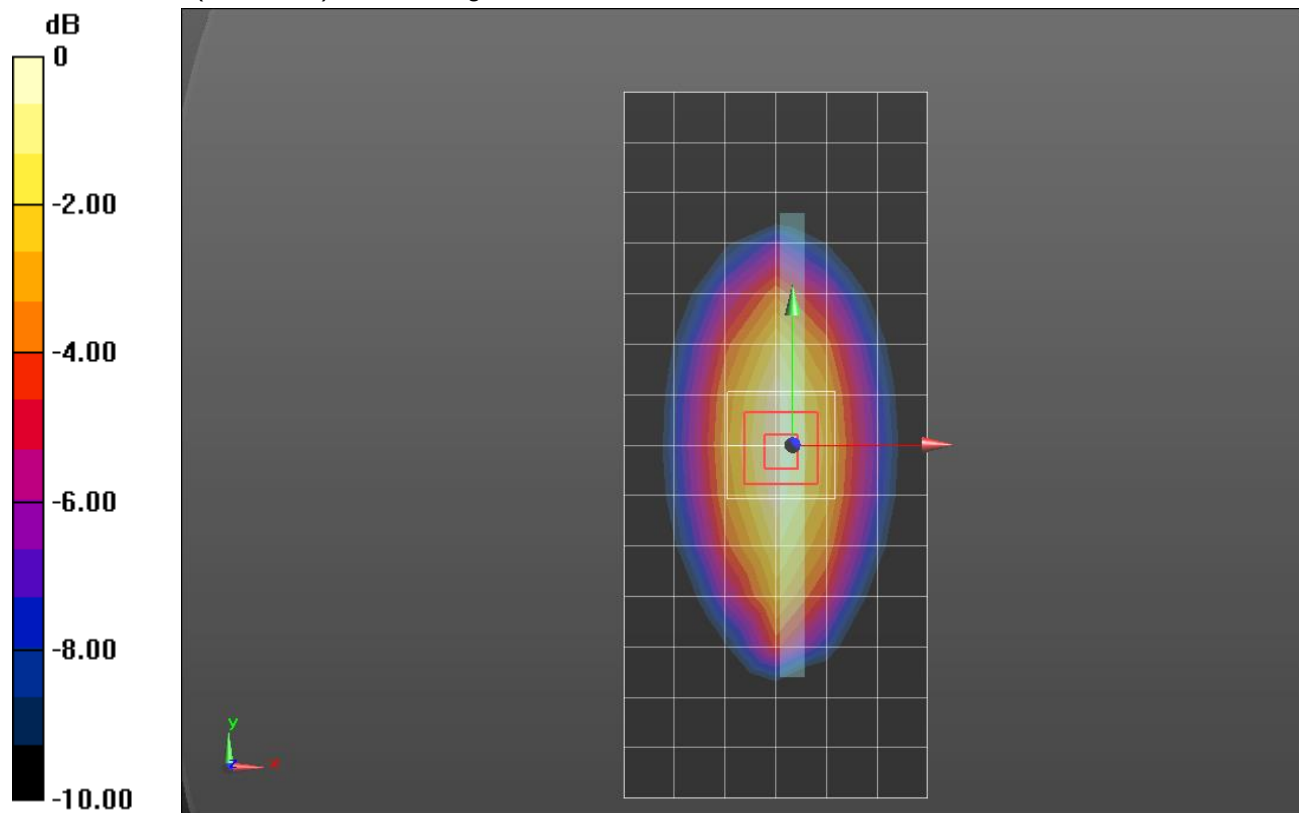
### Edge 4/GPRS 2 Slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.055 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.594 W/kg**

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

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

## GSM1900\_UAT

Frequency: 1909.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.459$  S/m;  $\epsilon_r = 40.005$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn1380; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(8.1, 8.1, 8.1); Calibrated: 5/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

**RHS/Touch\_GPRS\_2 slot\_ch 810/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.12 W/kg

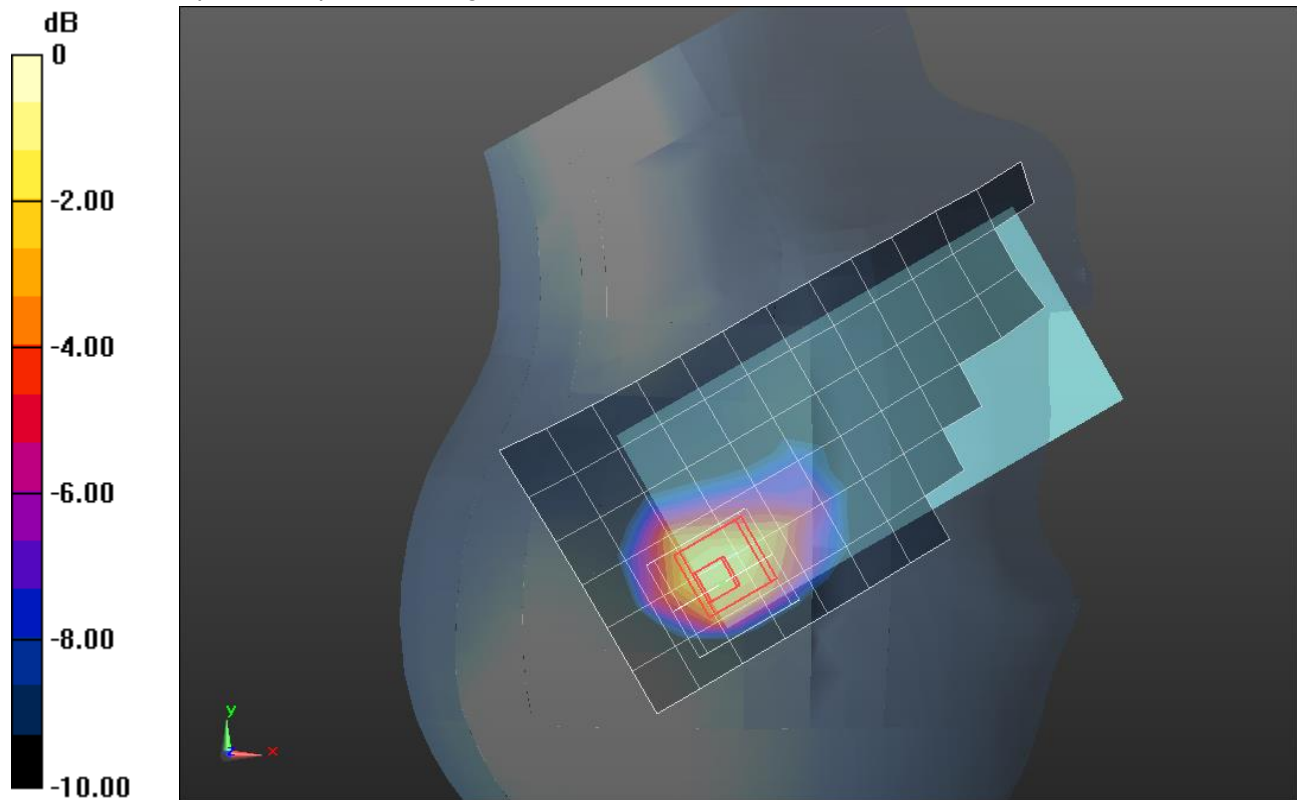
**RHS/Touch\_GPRS\_2 slot\_ch 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.340 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.536 W/kg**

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

## GSM1900\_LAT

Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.555$  S/m;  $\epsilon_r = 52.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3902; ConvF(7.89, 7.89, 7.89); Calibrated: 5/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/GPRS 2 Slots\_ch 810/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.19 W/kg

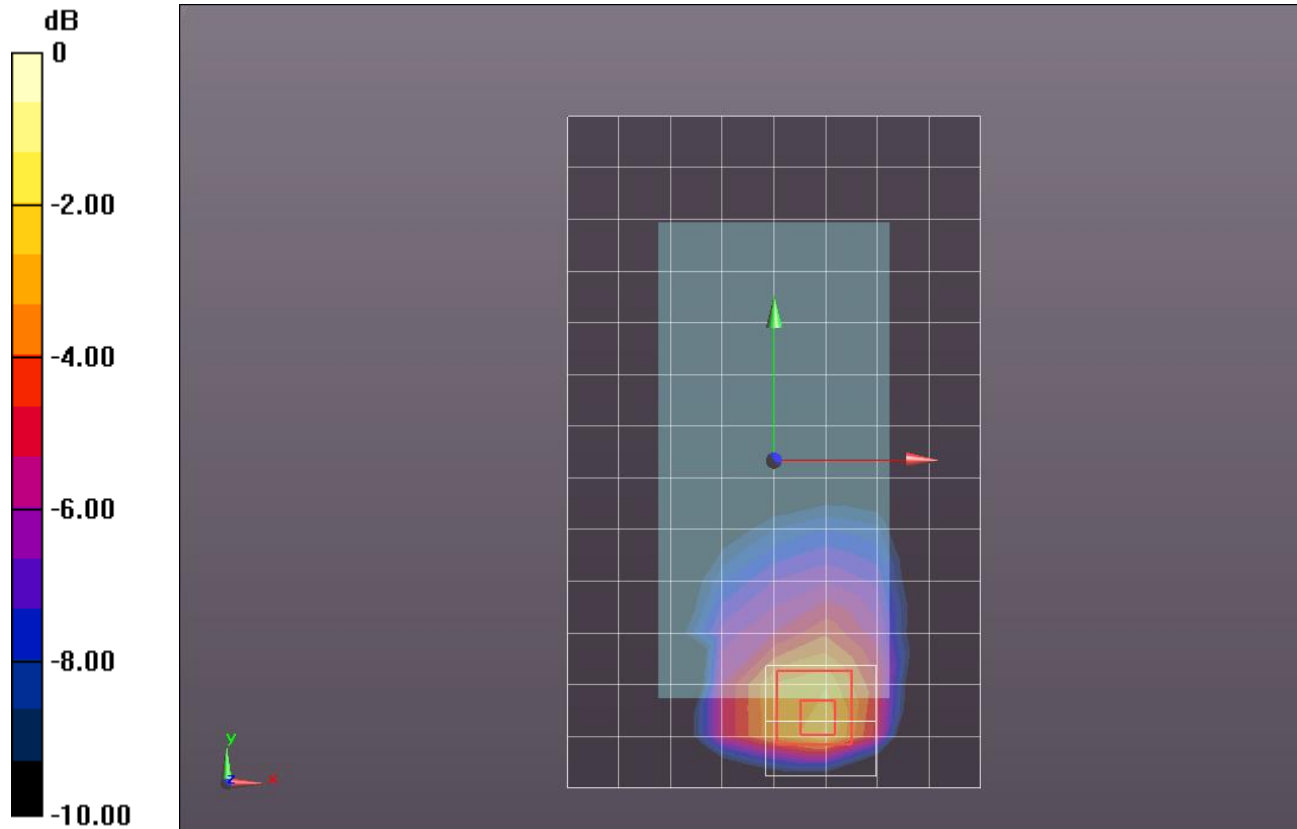
**Front/GPRS 2 Slots\_ch 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.119 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.28 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.532 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

## W-CDMA Band V\_UAT

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.919$  S/m;  $\epsilon_r = 40.304$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.53, 8.53, 8.53); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_Rel. 99 RMC\_ch 4183/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.825 W/kg

**RHS/Touch\_Rel. 99 RMC\_ch 4183/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

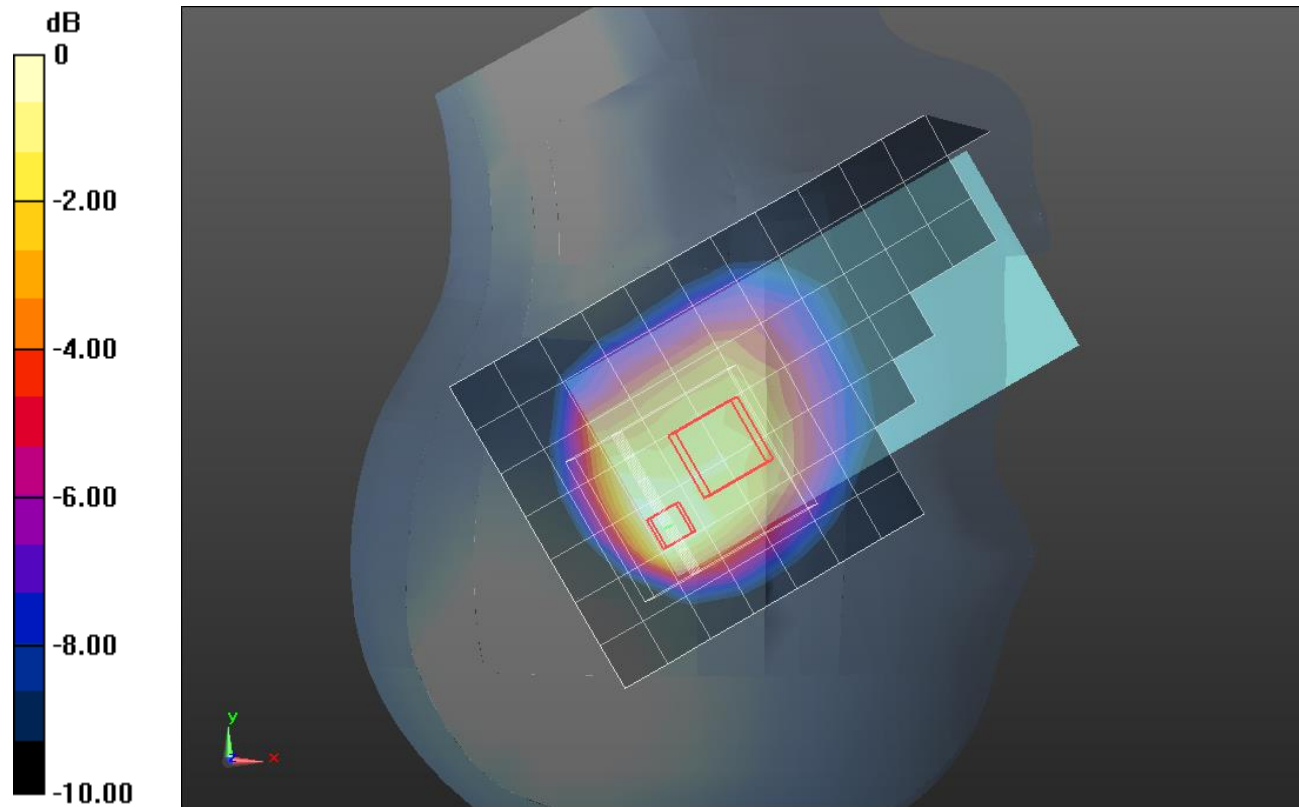
Reference Value = 29.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.435 W/kg

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

Maximum value of SAR (measured) = 0.889 W/kg



## W-CDMA Band V\_LAT

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.002$  S/m;  $\epsilon_r = 54.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Front/Rel. 99 RMC\_ch 4183/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.640 W/kg

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

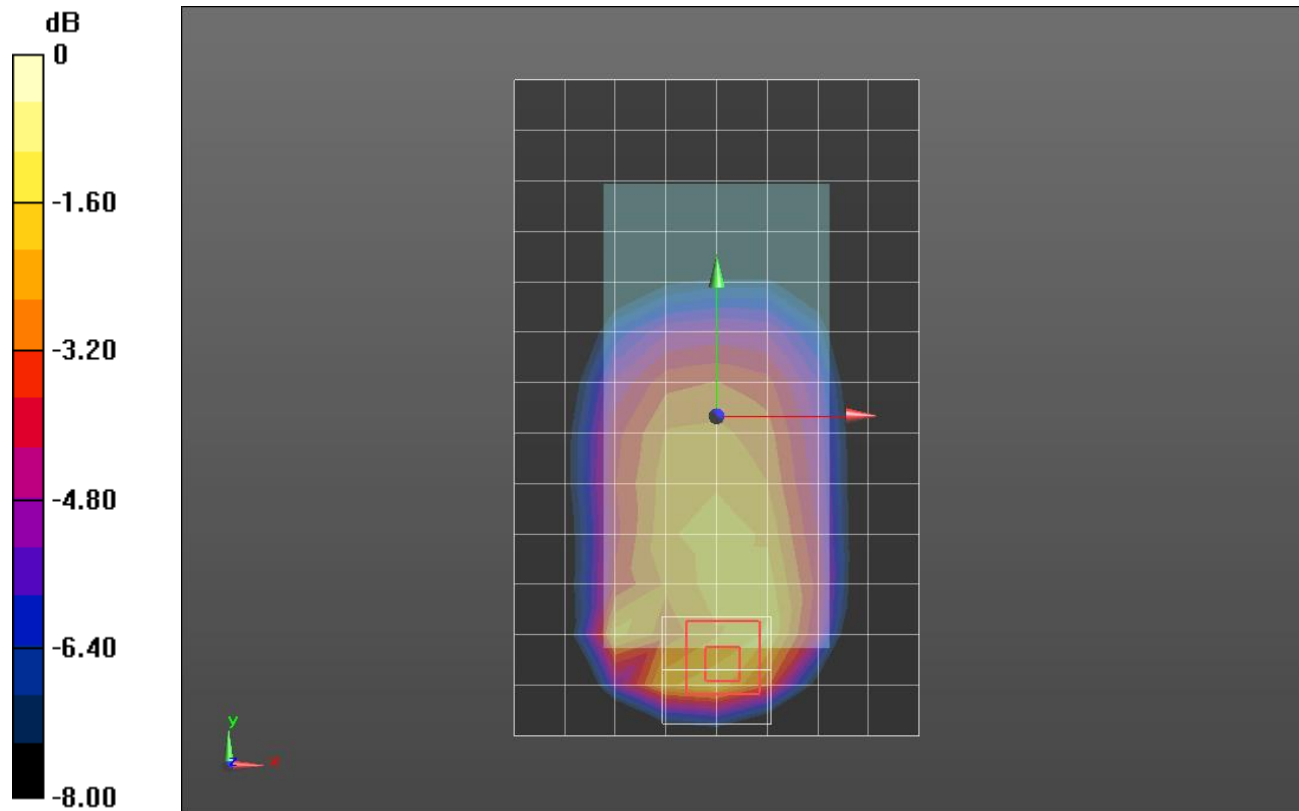
Reference Value = 25.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.348 W/kg**

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

Maximum value of SAR (measured) = 0.838 W/kg



0 dB = 0.838 W/kg = -0.77 dBW/kg

## W-CDMA Band V\_LAT

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.011$  S/m;  $\epsilon_r = 53.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Edge 4/Rel. 99 RMC\_ch 4183/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.982 W/kg

**Edge 4/Rel. 99 RMC\_ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

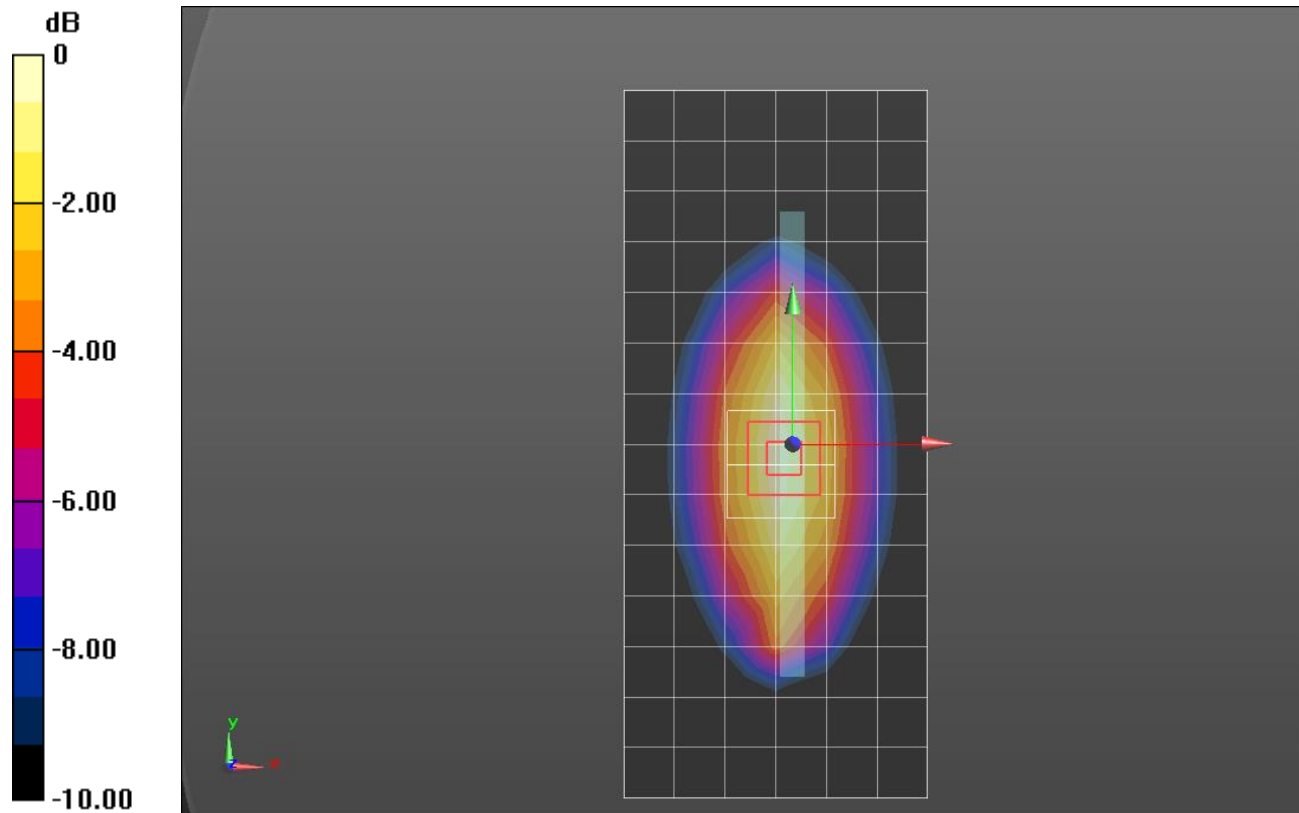
Reference Value = 31.66 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.539 W/kg**

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

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

## W-CDMA Band IV\_UAT

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 39.19$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.59, 7.59, 7.59); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CD; Serial: 1602

**RHS/Touch\_Rel.99 RMC\_ch 1513/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.03 W/kg

**RHS/Touch\_Rel.99 RMC\_ch 1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

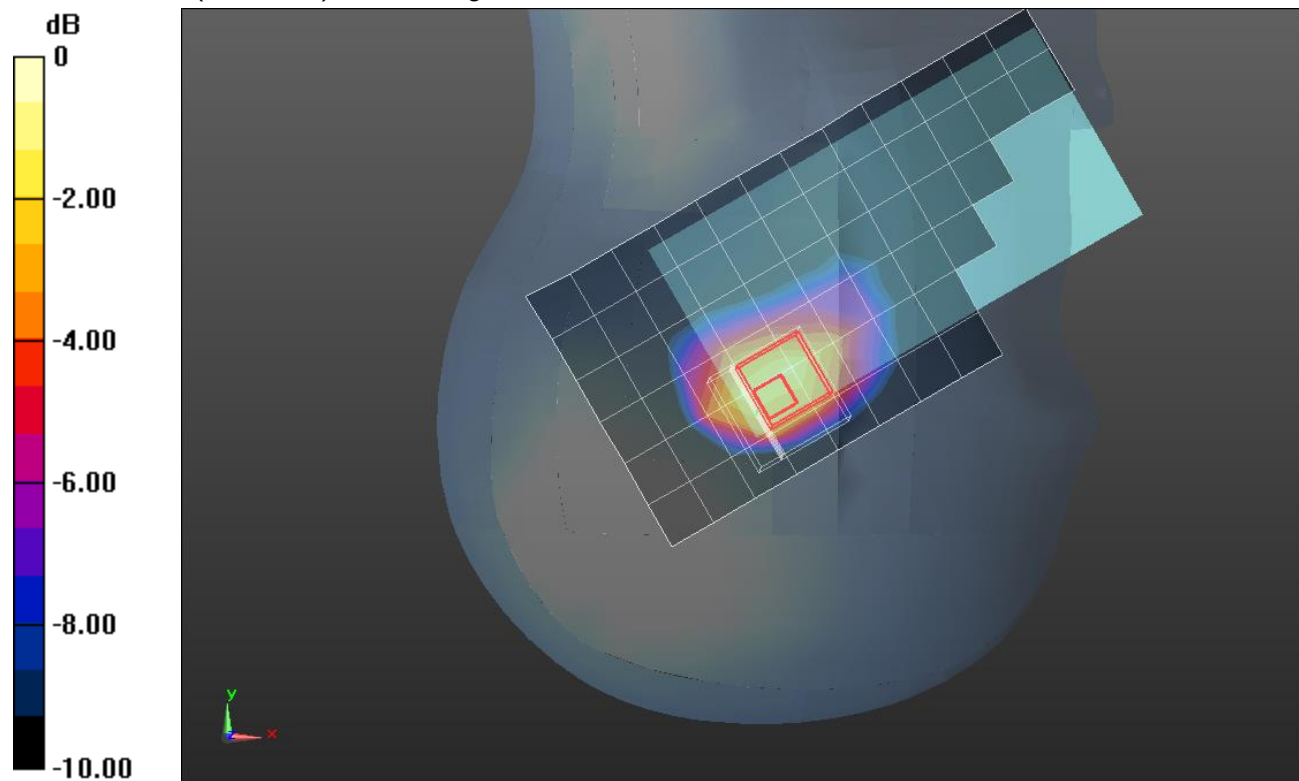
Reference Value = 27.86 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.530 W/kg**

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

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

## W-CDMA Band IV\_LAT

Frequency: 1712.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 53.482$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.29, 7.29, 7.29); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/Rel.99 RMC\_ch 1312/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.998 W/kg

**Front/Rel.99 RMC\_ch 1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

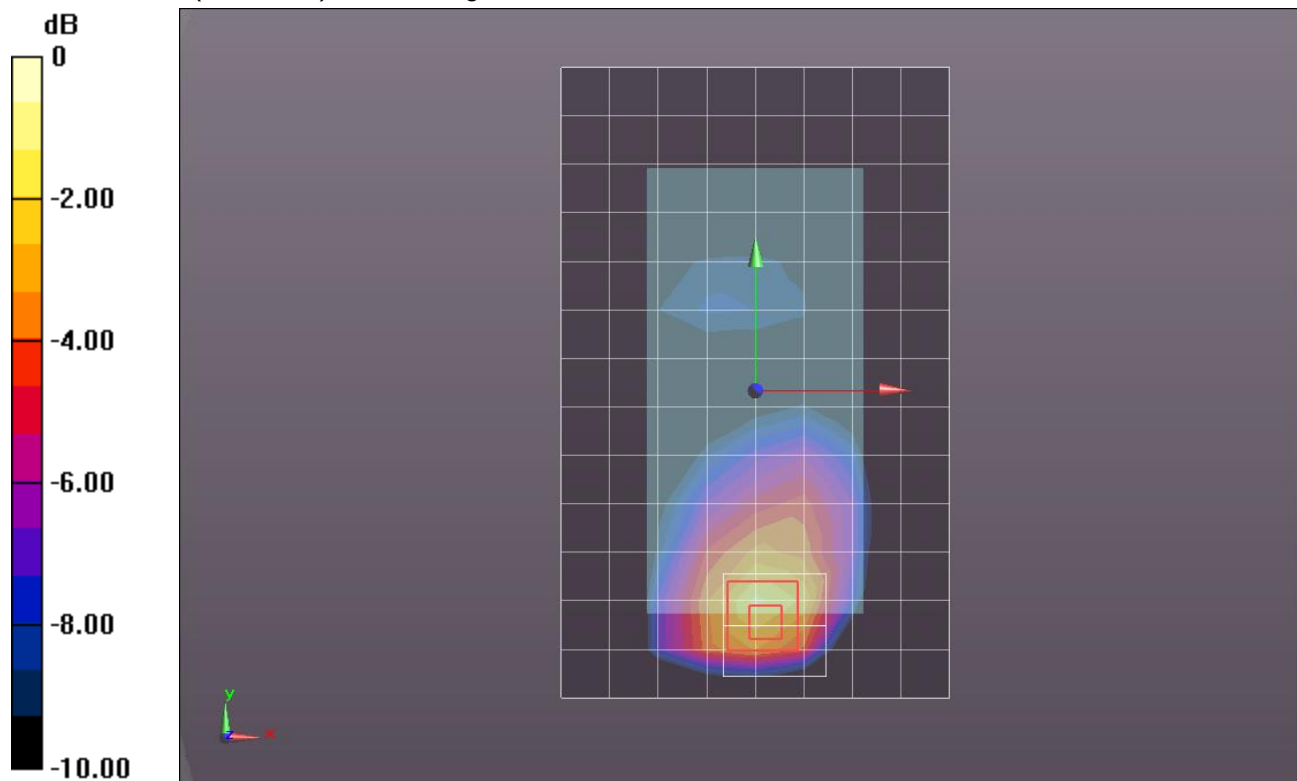
Reference Value = 26.44 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.486 W/kg**

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

Maximum value of SAR (measured) = 1.28 W/kg



## W-CDMA Band IV\_LAT

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 53.371$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.29, 7.29, 7.29); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/Rel.99 RMC\_ch 1513/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.47 W/kg

**Edge 3/Rel.99 RMC\_ch 1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

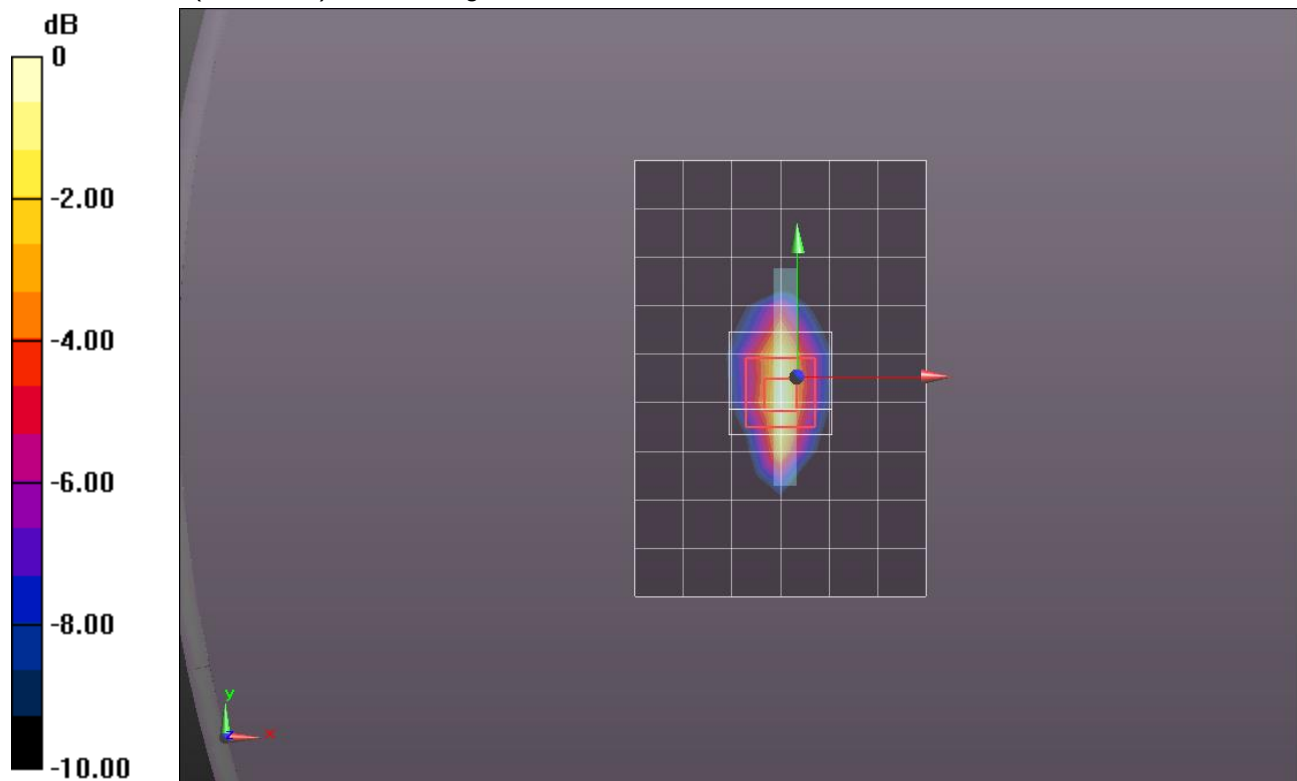
Reference Value = 31.84 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.486 W/kg**

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

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

## W-CDMA Band II\_UAT

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 39.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3902; ConvF(8.1, 8.1, 8.1); Calibrated: 5/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

**RHS/Touch\_Rel. 99 RMC\_ch 9400/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.25 W/kg

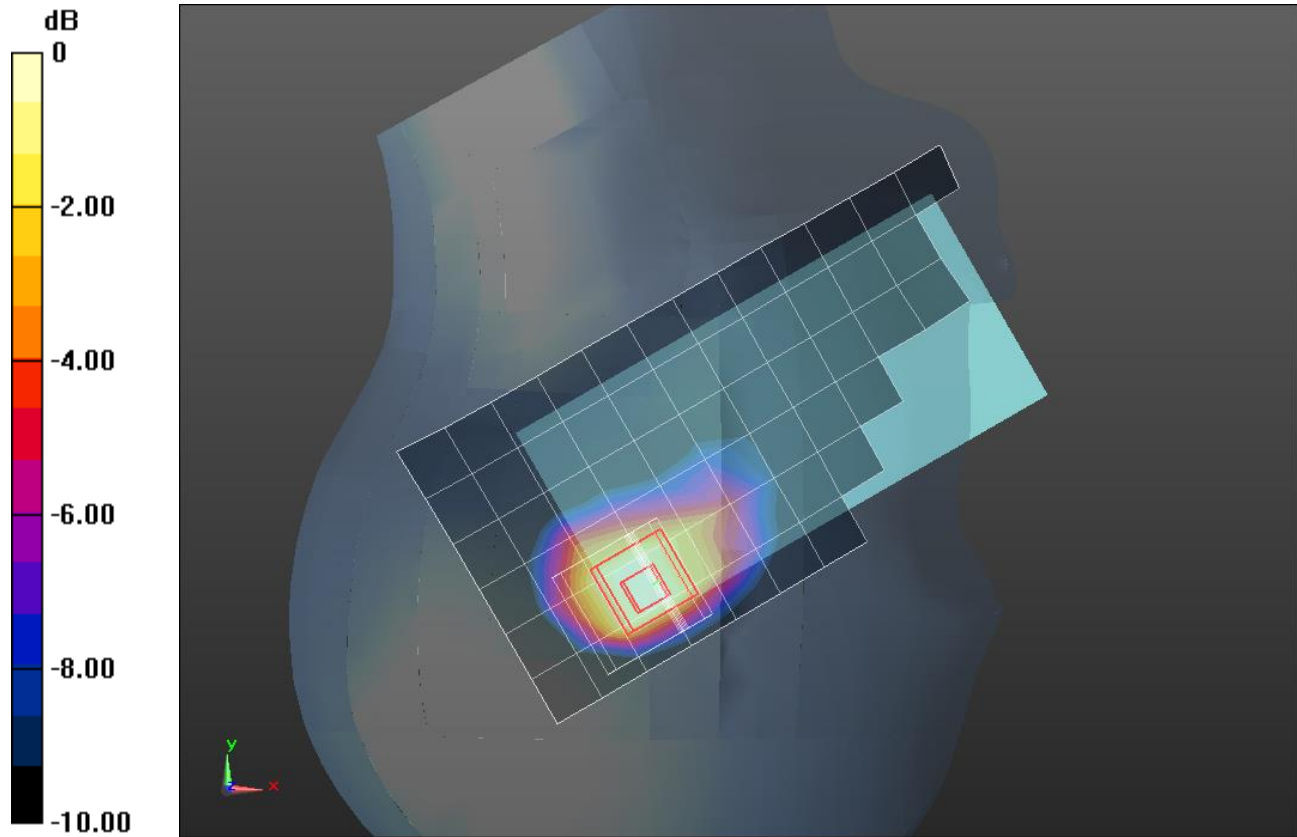
**RHS/Touch\_Rel. 99 RMC\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.828 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.548 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

## W-CDMA Band II\_LAT

Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 50.846$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(7.93, 7.93, 7.93); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

**Rear/Rel. 99 RMC\_ch 9538/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.39 W/kg

**Rear/Rel. 99 RMC\_ch 9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

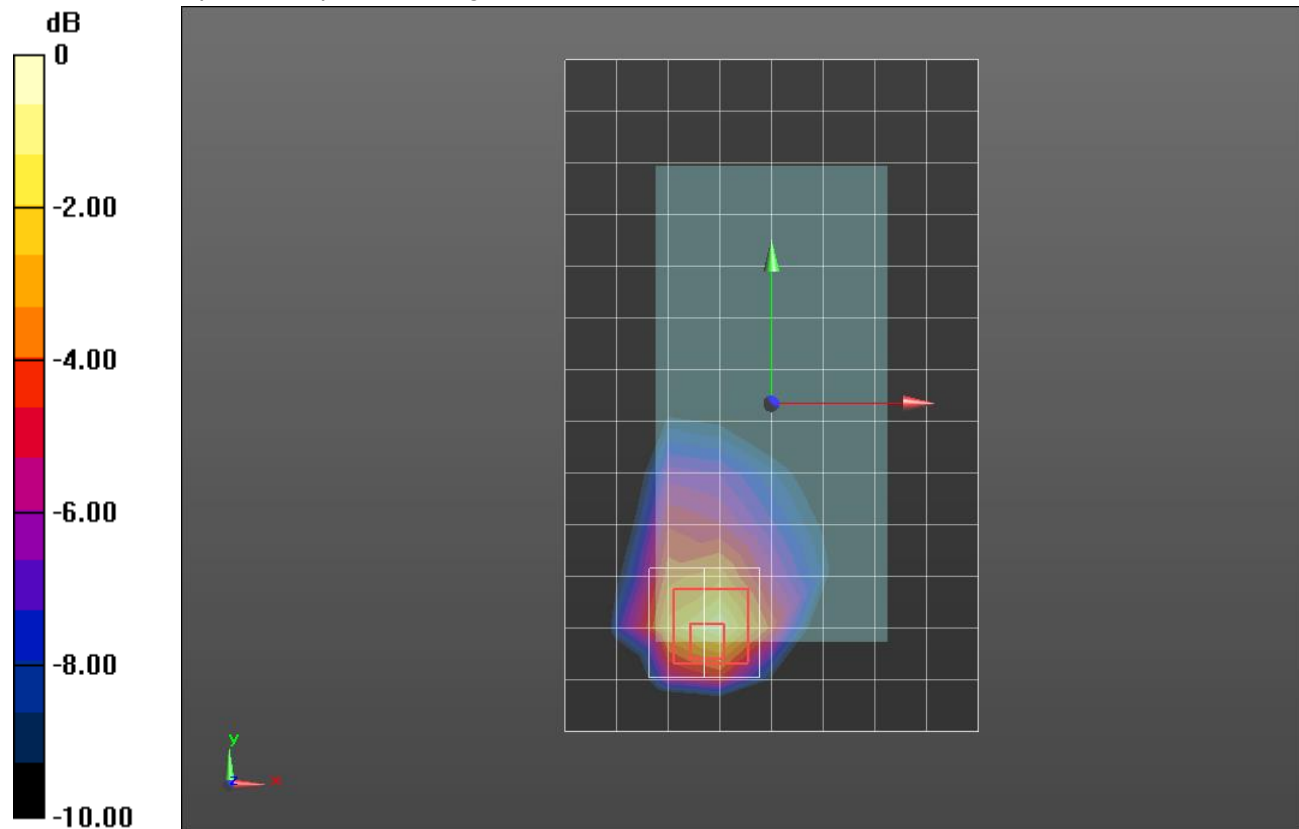
Reference Value = 30.23 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.583 W/kg**

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

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

## CDMA BC0\_UAT

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.53, 8.53, 8.53); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_1xRTT\_RC3 SO55\_ch 384/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.942 W/kg

**LHS/Touch\_1xRTT\_RC3 SO55\_ch 384/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

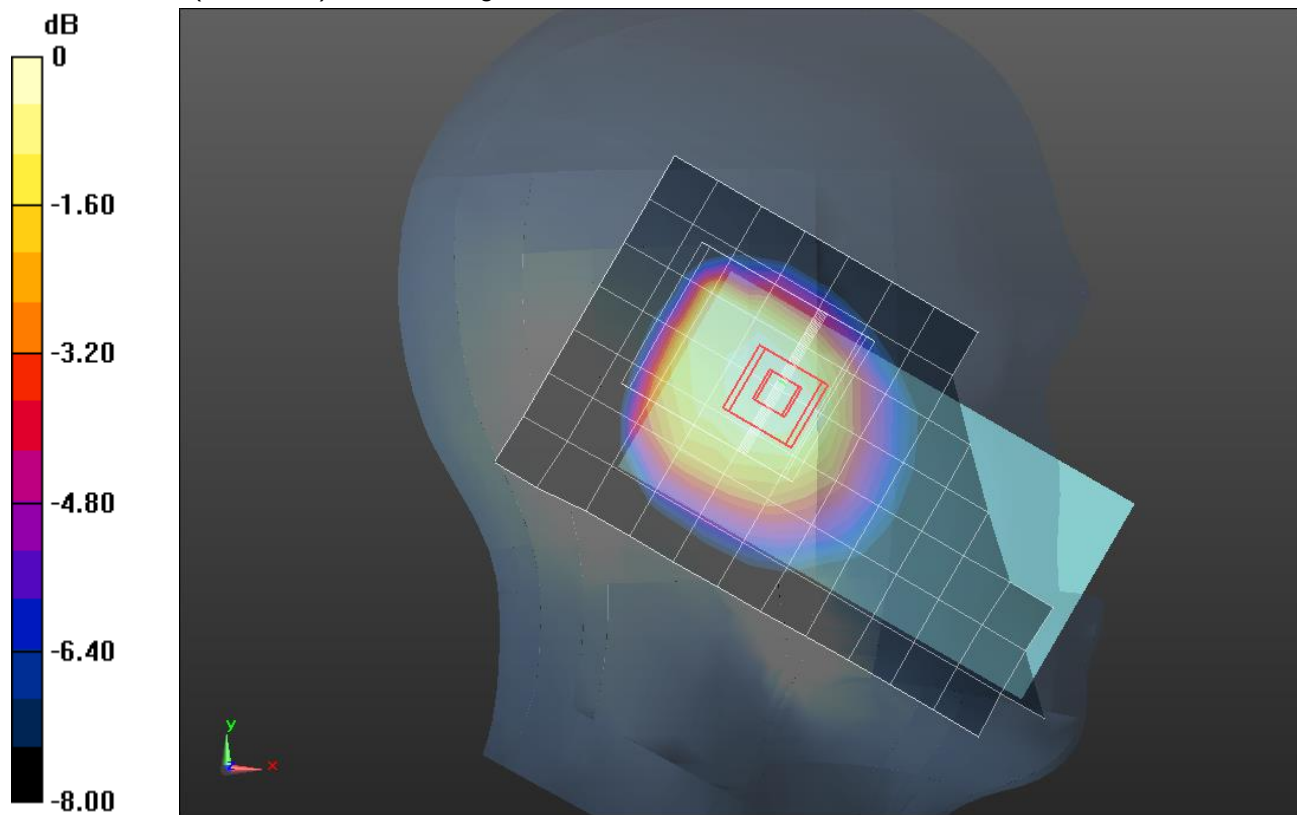
Reference Value = 32.44 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.585 W/kg**

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

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

## CDMA BC0\_LAT

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 53.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Front/1xRTT\_RC3 SO32\_ch 384/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.575 W/kg

**Front/1xRTT\_RC3 SO32\_ch 384/Zoom Scan (8x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

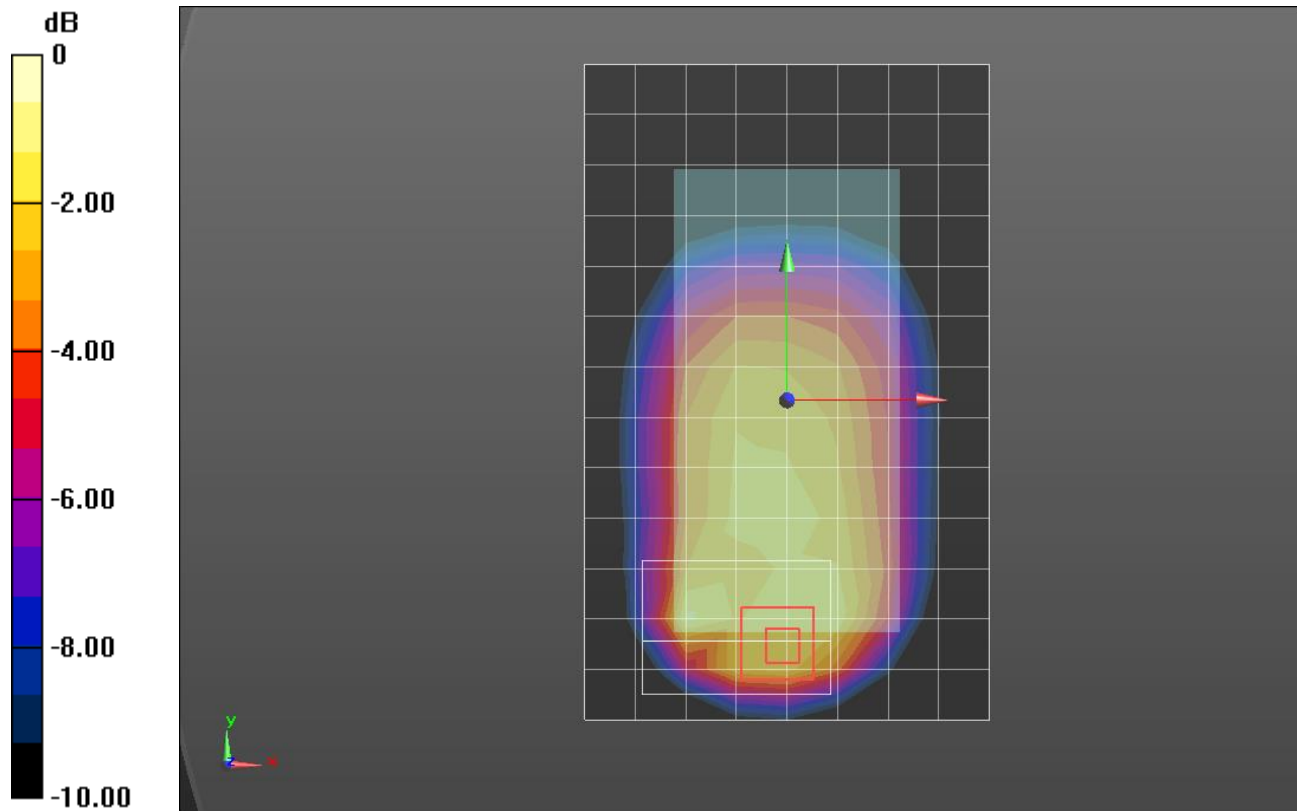
Reference Value = 23.86 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.303 W/kg**

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

Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.747 W/kg = -1.27 dBW/kg

## CDMA BC0\_LAT

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 53.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Edge 4/1xRTT\_RC3 SO32\_ch 384/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.861 W/kg

**Edge 4/1xRTT\_RC3 SO32\_ch 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

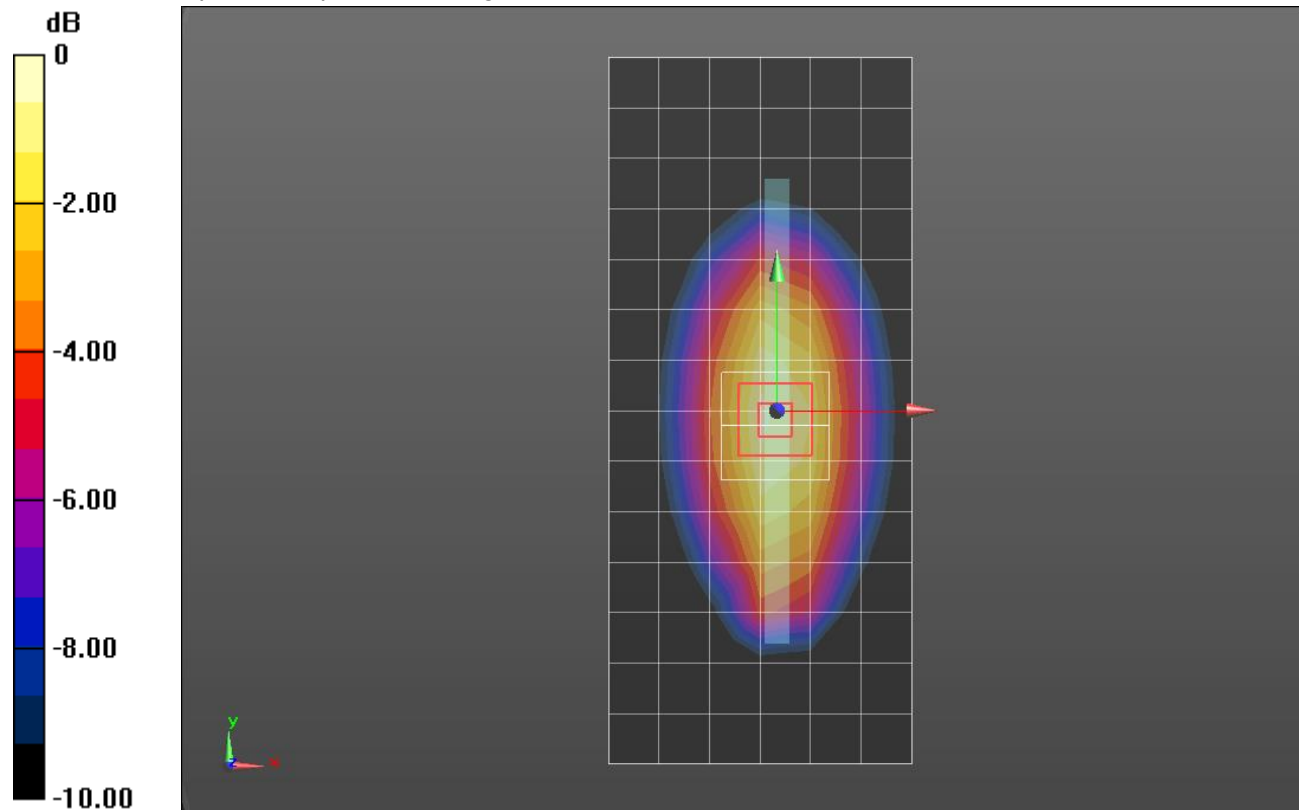
Reference Value = 29.97 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.516 W/kg**

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

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg = -0.18 dBW/kg

## CDMA BC1\_UAT

Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 39.884$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3902; ConvF(8.1, 8.1, 8.1); Calibrated: 5/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

**RHS/Touch\_1xEVDO\_Rel. 0\_ch 1175/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.38 W/kg

**RHS/Touch\_1xEVDO\_Rel. 0\_ch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

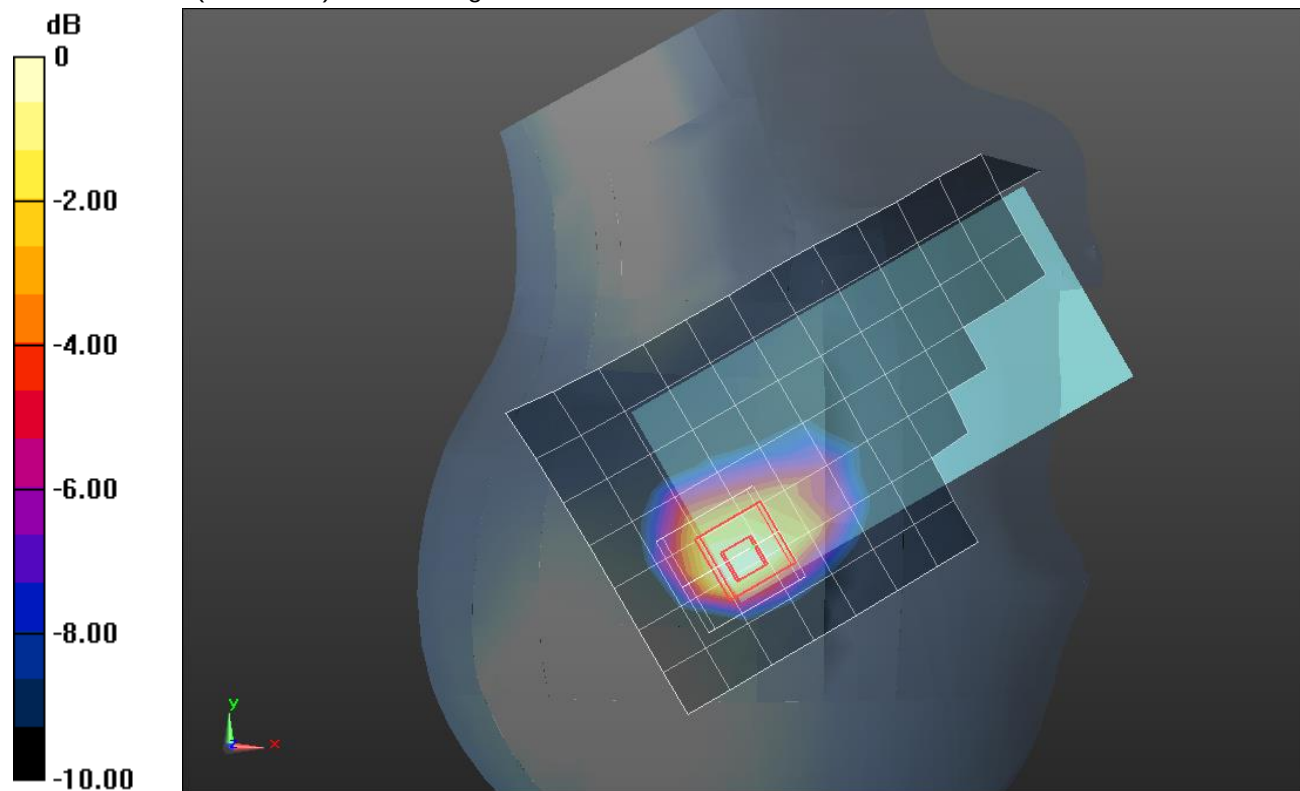
Reference Value = 31.422 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.551 W/kg**

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

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

## CDMA BC1\_LAT

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 51.92$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(7.93, 7.93, 7.93); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

**Rear/1xRTT\_RC3 SO32\_ch 600/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.827 W/kg

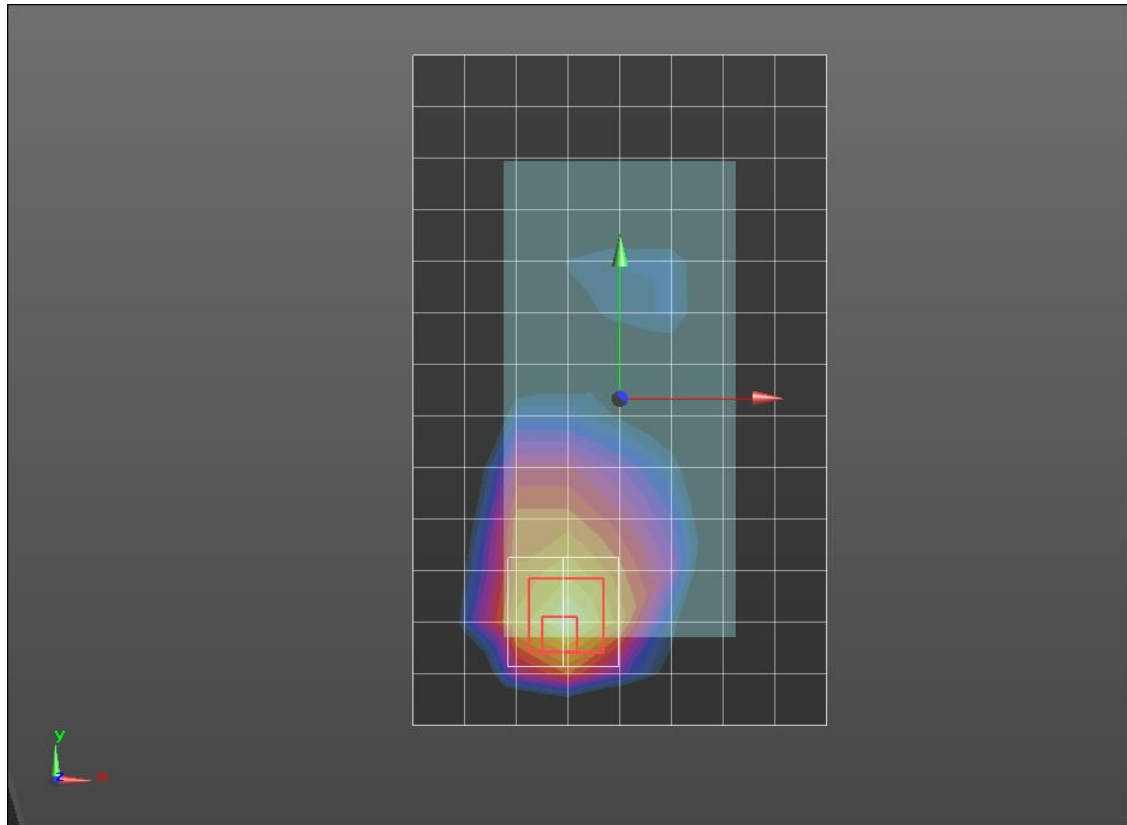
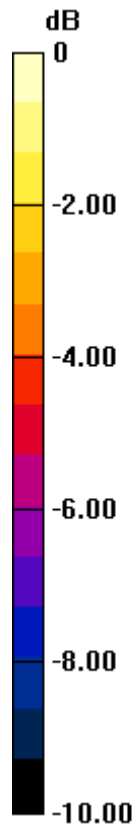
**Rear/1xRTT\_RC3 SO32\_ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.82 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.360 W/kg**

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

## CDMA\_BC1\_LAT

Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 50.846$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(7.93, 7.93, 7.93); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

**Edge 3/1xRTT\_RC3 SO32\_ch 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.27 W/kg

**Edge 3/1xRTT\_RC3 SO32\_ch 1175 /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

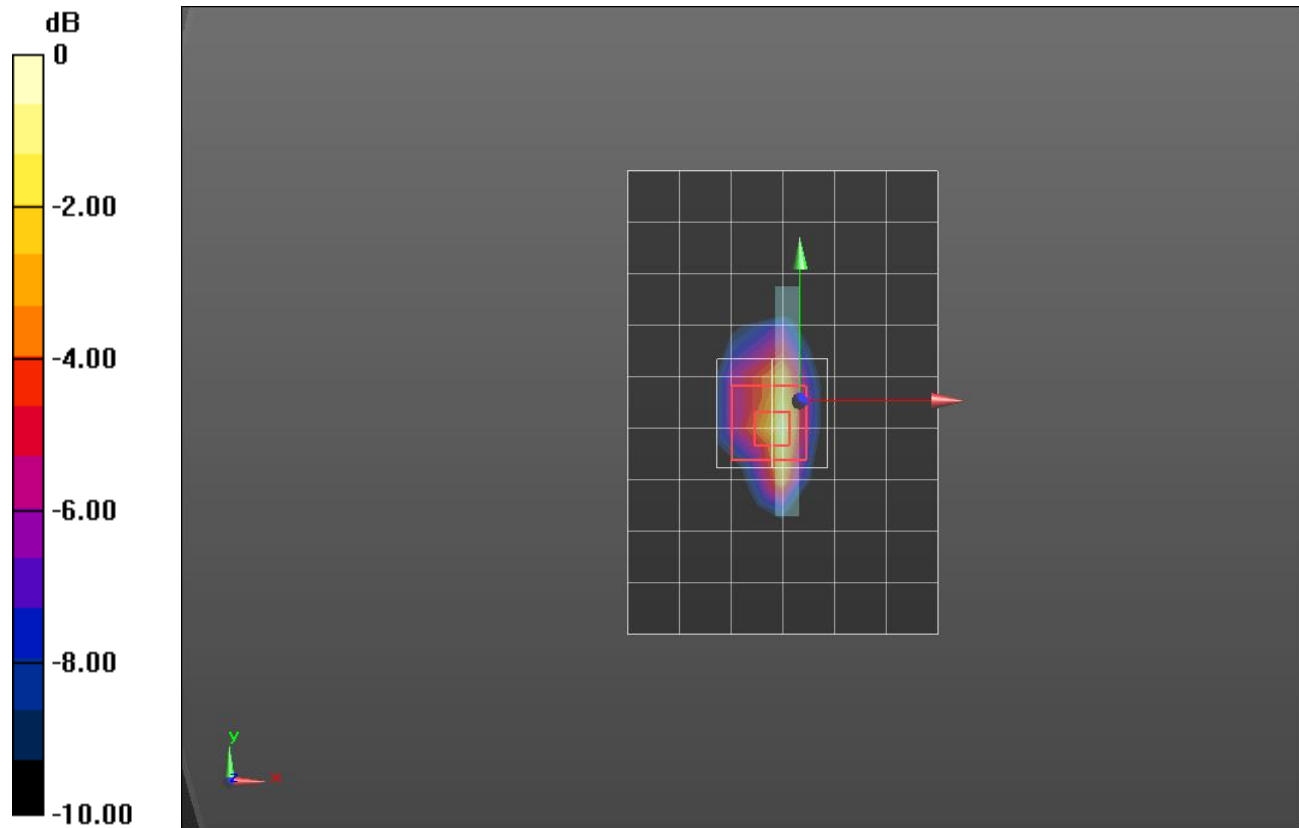
Reference Value = 28.66 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.462 W/kg**

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

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

## CDMA BC10\_UAT

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 40.407$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.53, 8.53, 8.53); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_1xRTT\_RC3 SO55\_ch 580/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.930 W/kg

**RHS/Touch\_1xRTT\_RC3 SO55\_ch 580/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

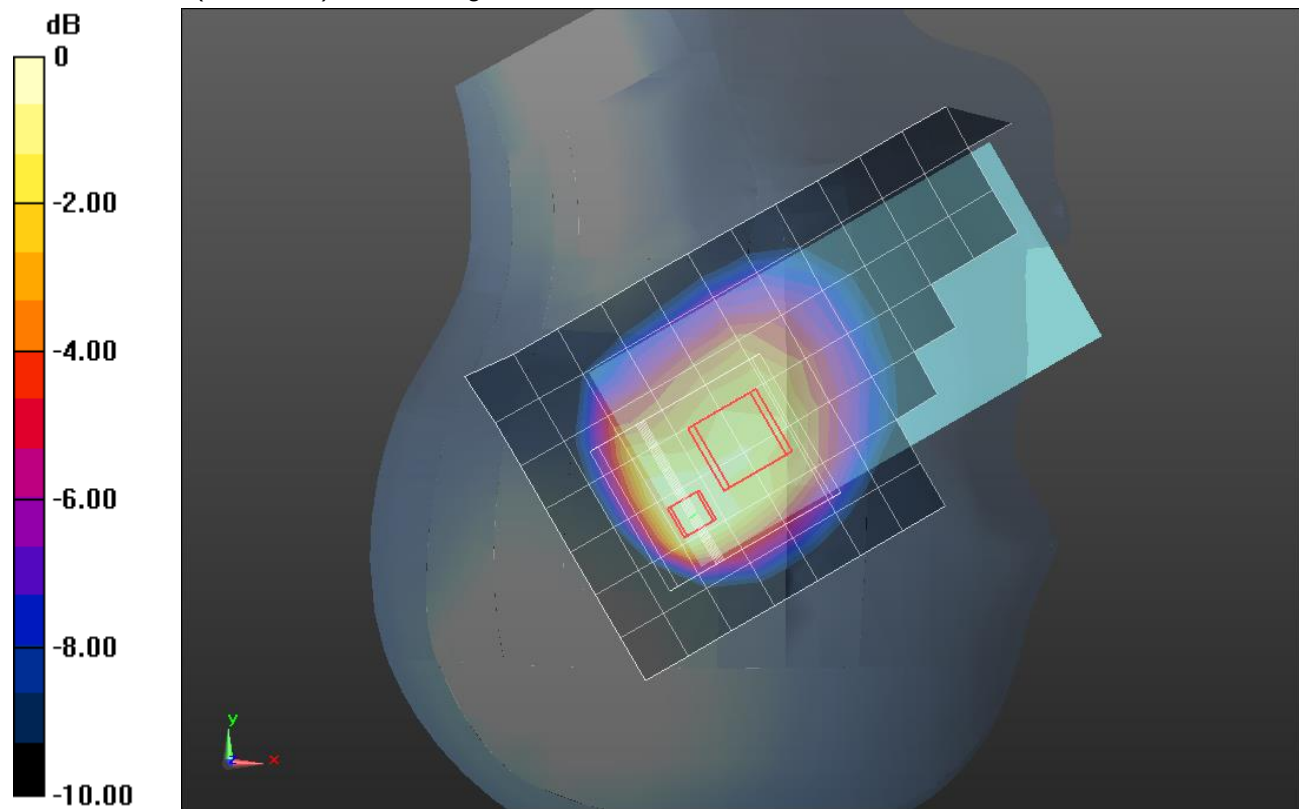
Reference Value = 33.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.548 W/kg**

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

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

## CDMA BC10\_LAT

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Front/1xRTT\_RC3 SO32\_ch 580/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.415 W/kg

**Front/1xRTT\_RC3 SO32\_ch 580/Zoom Scan (8x10x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

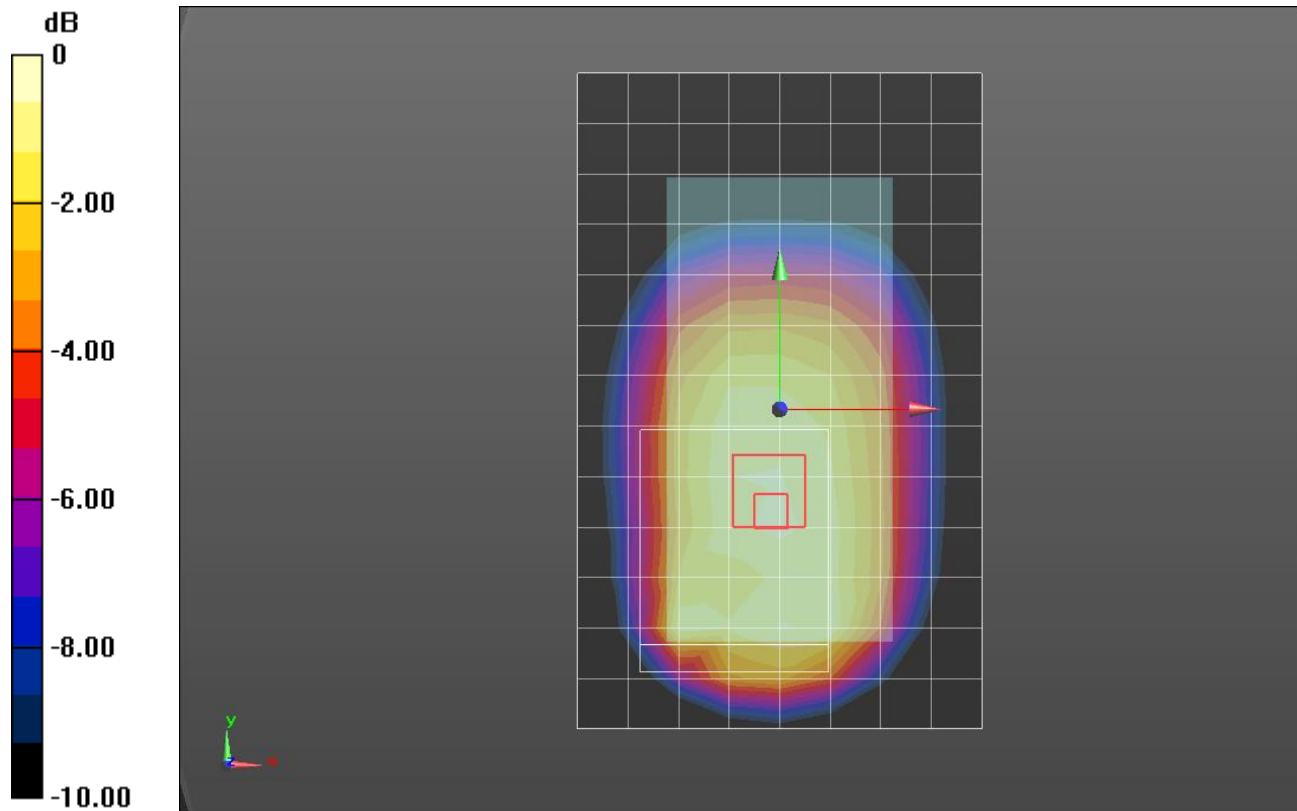
Reference Value = 20.37 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.623 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.286 W/kg**

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

Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.463 W/kg = -3.34 dBW/kg

## CDMA BC10\_LAT

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/14/2016
- Probe: EX3DV4 - SN3773; ConvF(8.59, 8.59, 8.59); Calibrated: 4/19/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Edge 4/1xRTT\_RC3 SO32\_ch 580/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.694 W/kg

**Edge 4/1xRTT\_RC3 SO32\_ch 580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

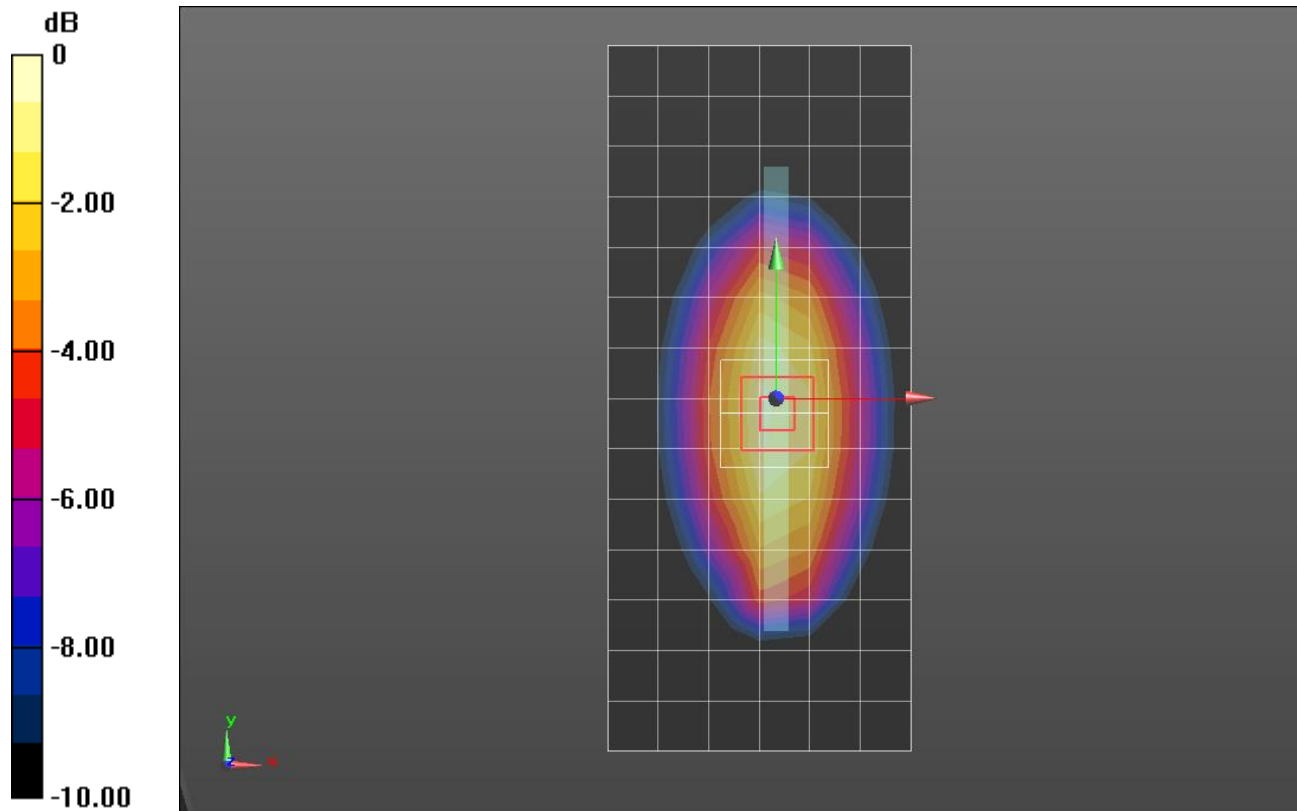
Reference Value = 26.60 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.951 W/kg

**SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.412 W/kg**

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

Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg

## LTE Band 4\_UAT

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.333$  S/m;  $\epsilon_r = 38.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.59, 7.59, 7.59); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CD; Serial: 1602

**RHS/Touch\_QPSK\_RB 1/49\_ch 20300/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.13 W/kg

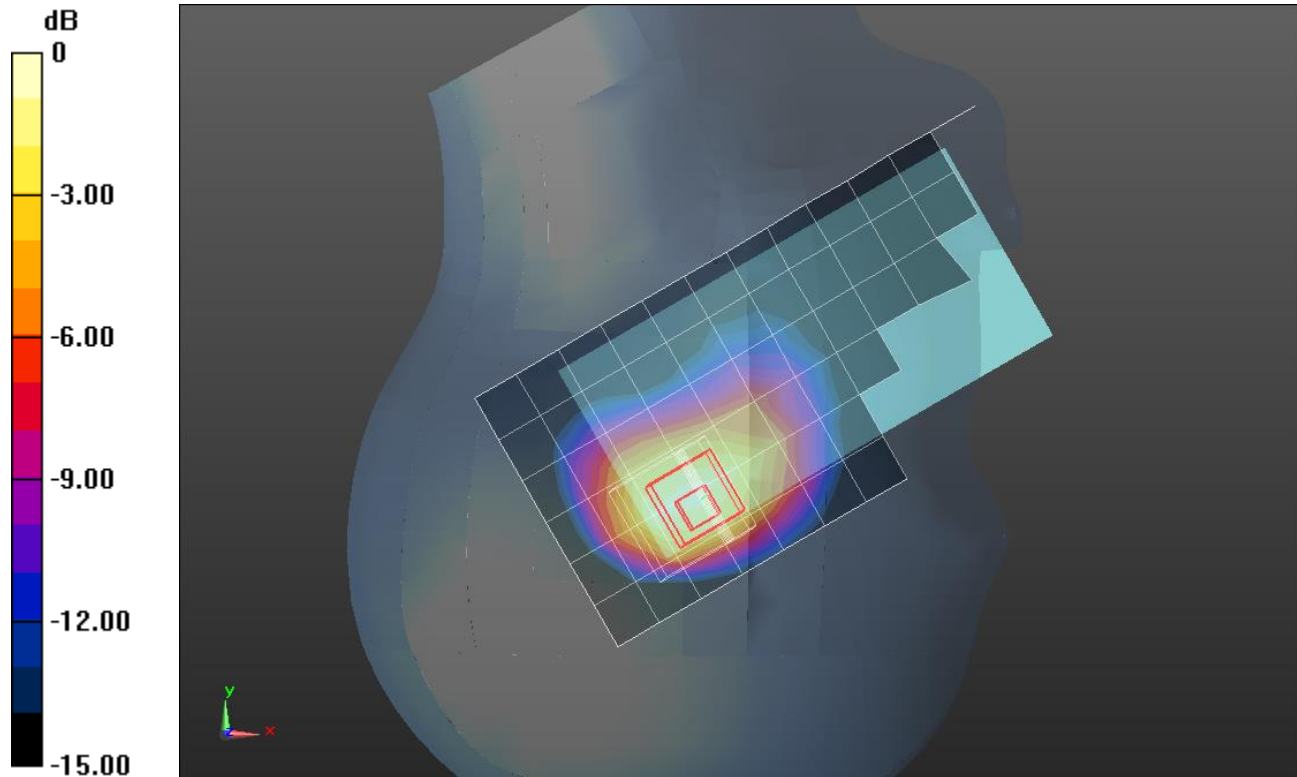
**RHS/Touch\_QPSK\_RB 1/49\_ch 20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.03 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.536 W/kg**

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

## LTE Band 4\_LAT

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.468$  S/m;  $\epsilon_r = 51.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.29, 7.29, 7.29); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB 1/49\_ch 20300/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.09 W/kg

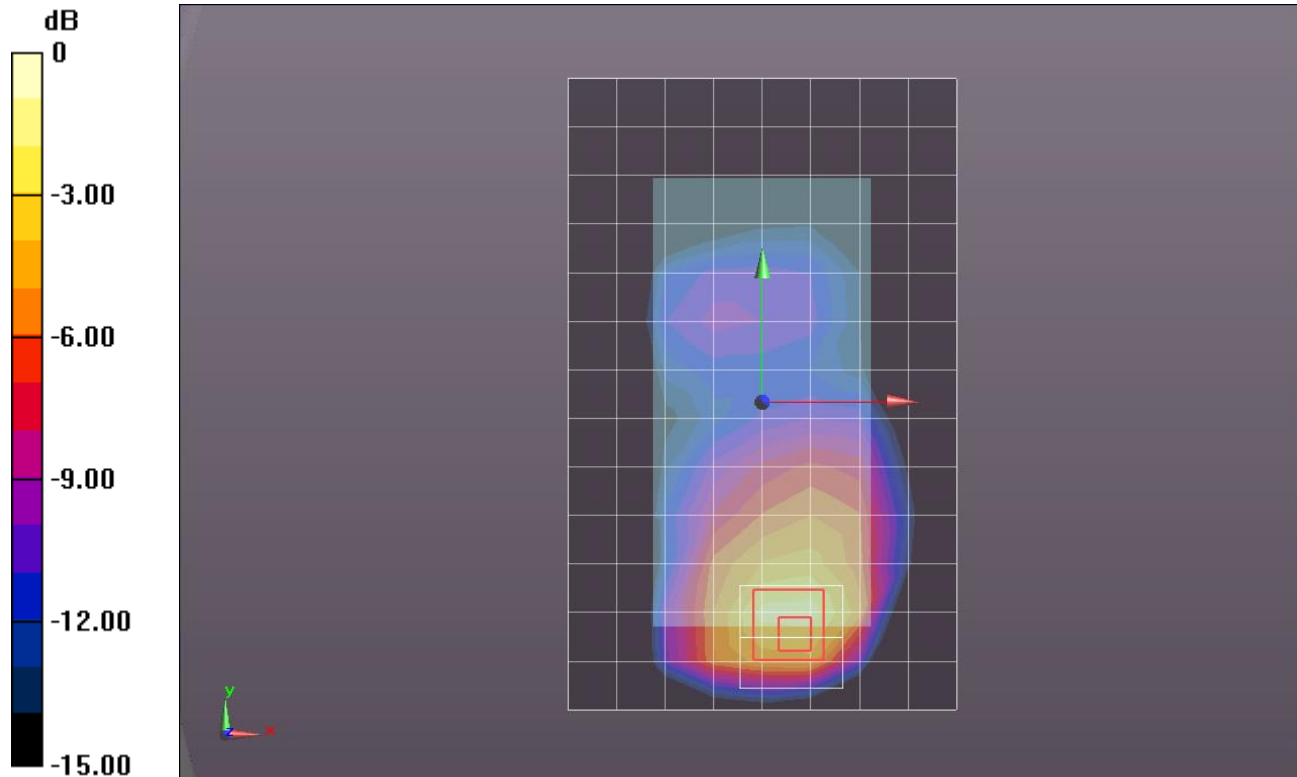
**Front/QPSK\_RB 1/49\_ch 20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.56 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.20 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.560 W/kg**

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

## LTE Band 7\_UAT

Frequency: 2510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.918$  S/m;  $\epsilon_r = 38.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/17/2016
- Probe: EX3DV4 - SN3885; ConvF(6.83, 6.83, 6.83); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

**LHS/Touch\_QPSK RB 50,24\_ch 20850/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.06 W/kg

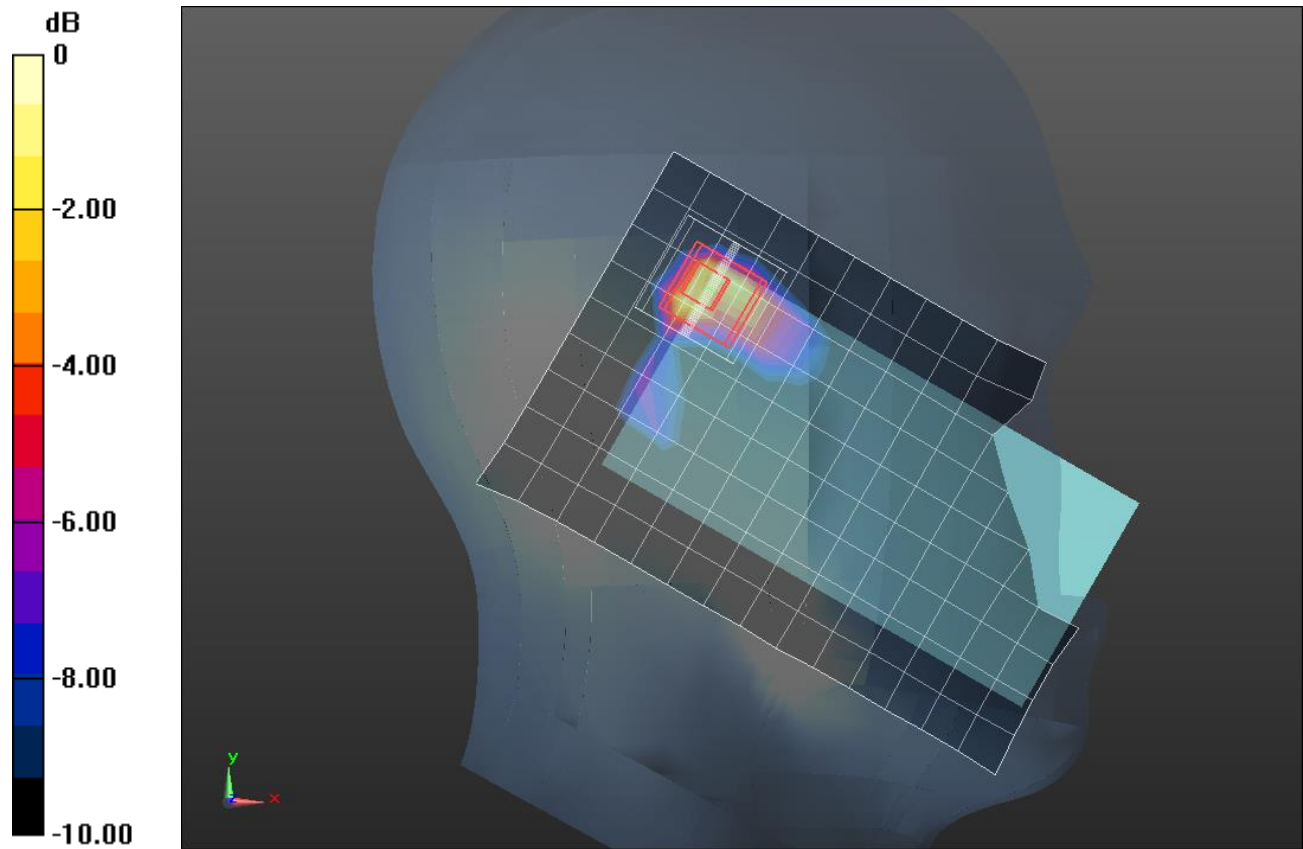
**LHS/Touch\_QPSK RB 50,24\_ch 20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.65 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.311 W/kg**

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

## LTE Band 7\_LAT

Frequency: 2510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 51.009$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/21/2016
- Probe: EX3DV4 - SN3991; ConvF(7.22, 7.22, 7.22); Calibrated: 5/12/2016;
- 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: 1120

**Front/QPSK RB 1,49\_ch 20850/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.36 W/kg

**Front/QPSK RB 1,49\_ch 20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.850 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.63 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg

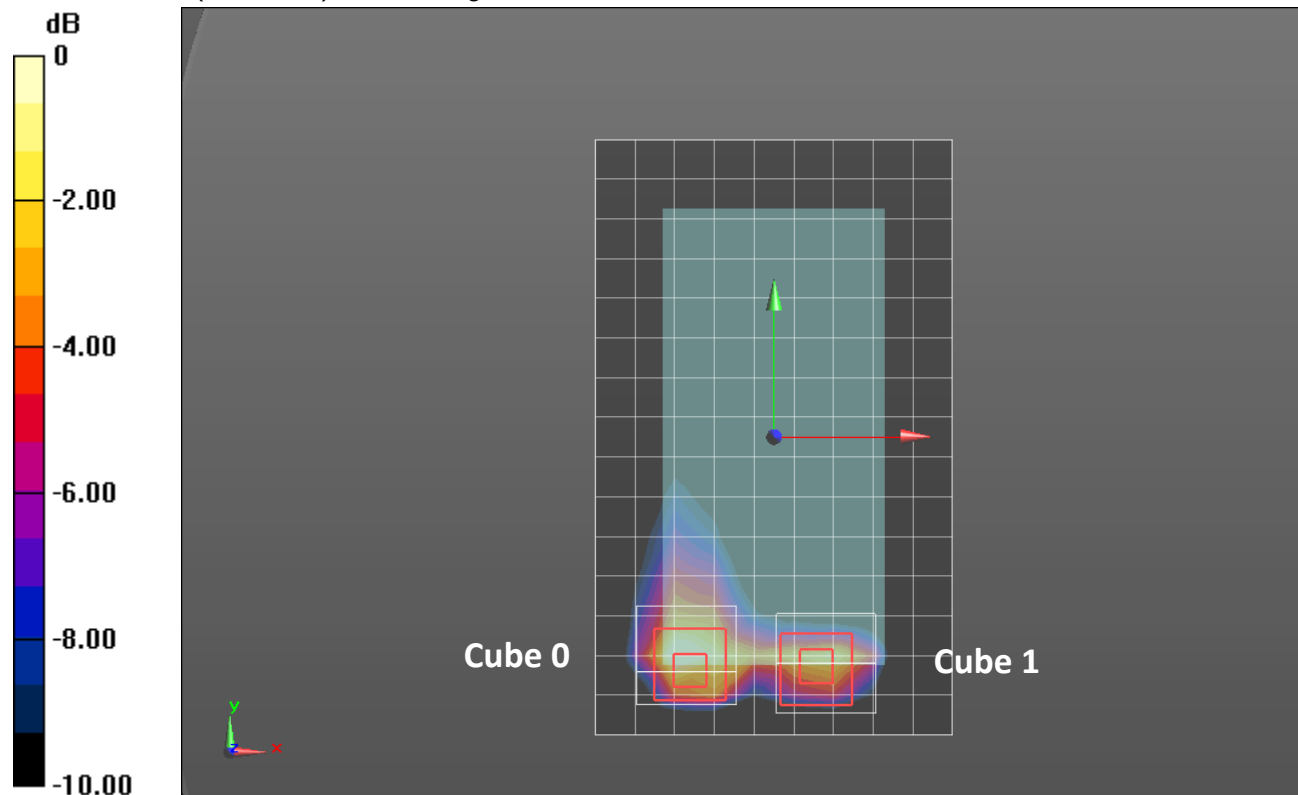
**Front/QPSK RB 1,49\_ch 20850/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.850 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

## LTE Band 12\_UAT

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 40.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(10.21, 10.21, 10.21); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_QPSK\_RB 1/24\_ch 23095/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.547 W/kg

**RHS/Touch\_QPSK\_RB 1/24\_ch 23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

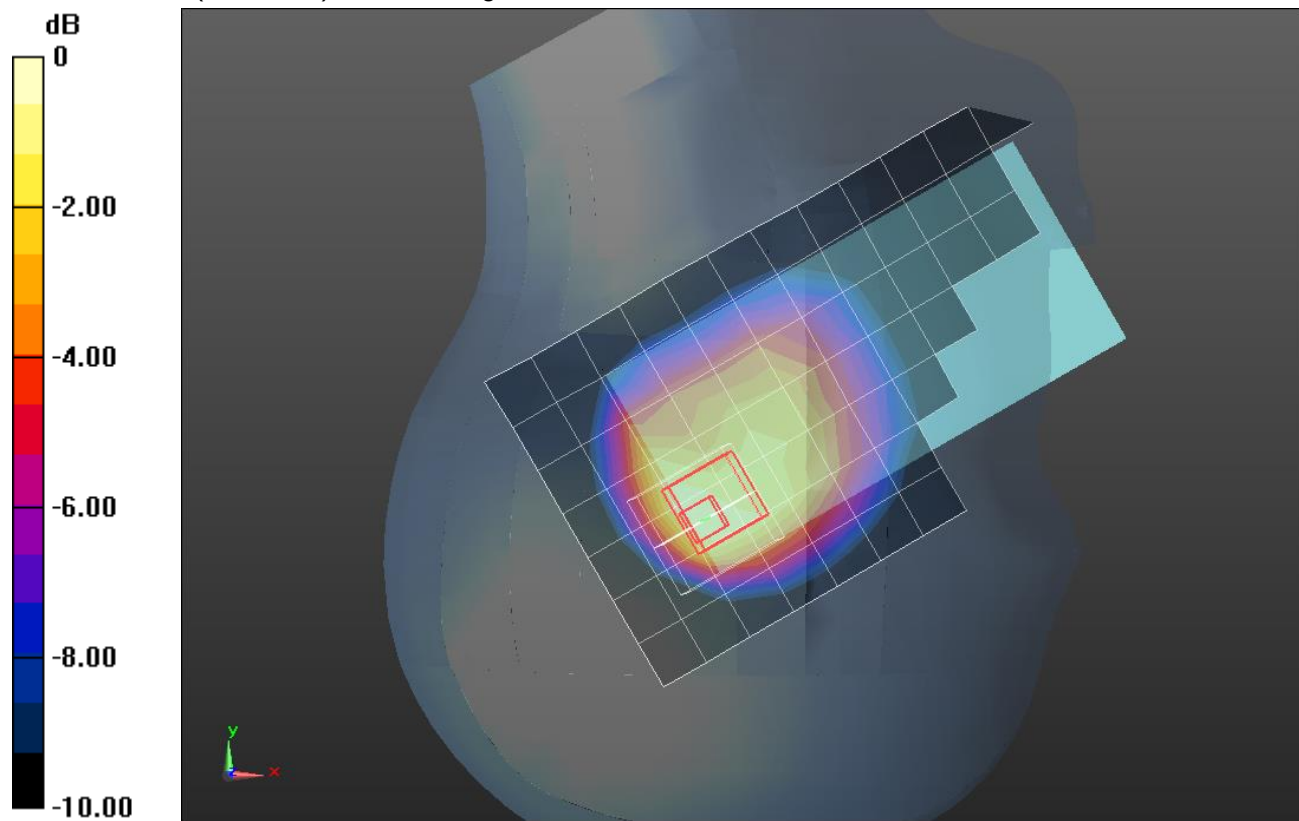
Reference Value = 25.79 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.889 W/kg

**SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.266 W/kg**

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

Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg

## LTE Band 12\_LAT

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

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 53.692$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(9.82, 9.82, 9.82); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Front/QPSK\_RB 1/24\_ch 23095/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.534 W/kg

**Front/QPSK\_RB 1/24\_ch 23095/Zoom Scan (8x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

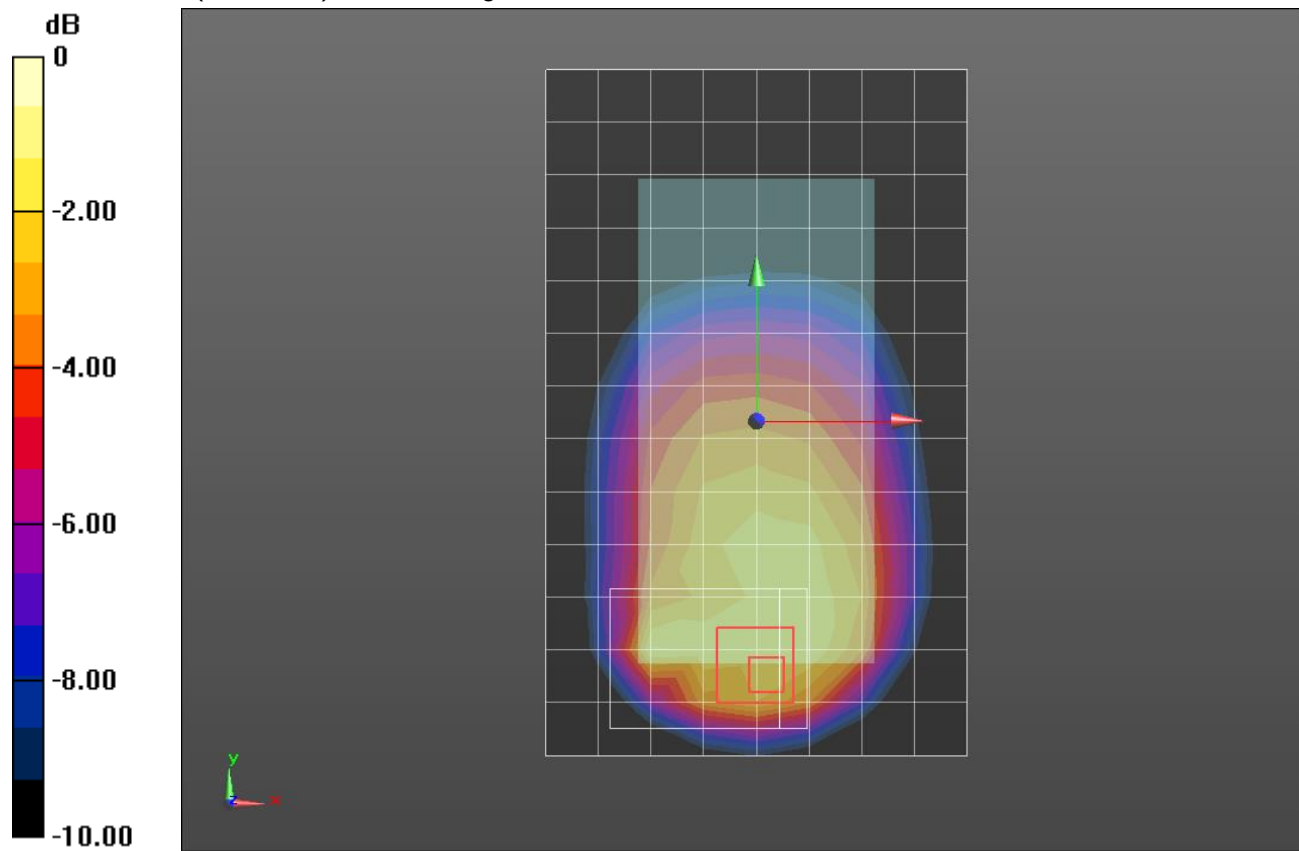
Reference Value = 24.14 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.965 W/kg

**SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.294 W/kg**

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

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

## LTE Band 12\_LAT

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

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 53.692$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(9.82, 9.82, 9.82); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Edge 4/QPSK\_RB 1/24\_ch 23095/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.643 W/kg

**Edge 4/QPSK\_RB 1/24\_ch 23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

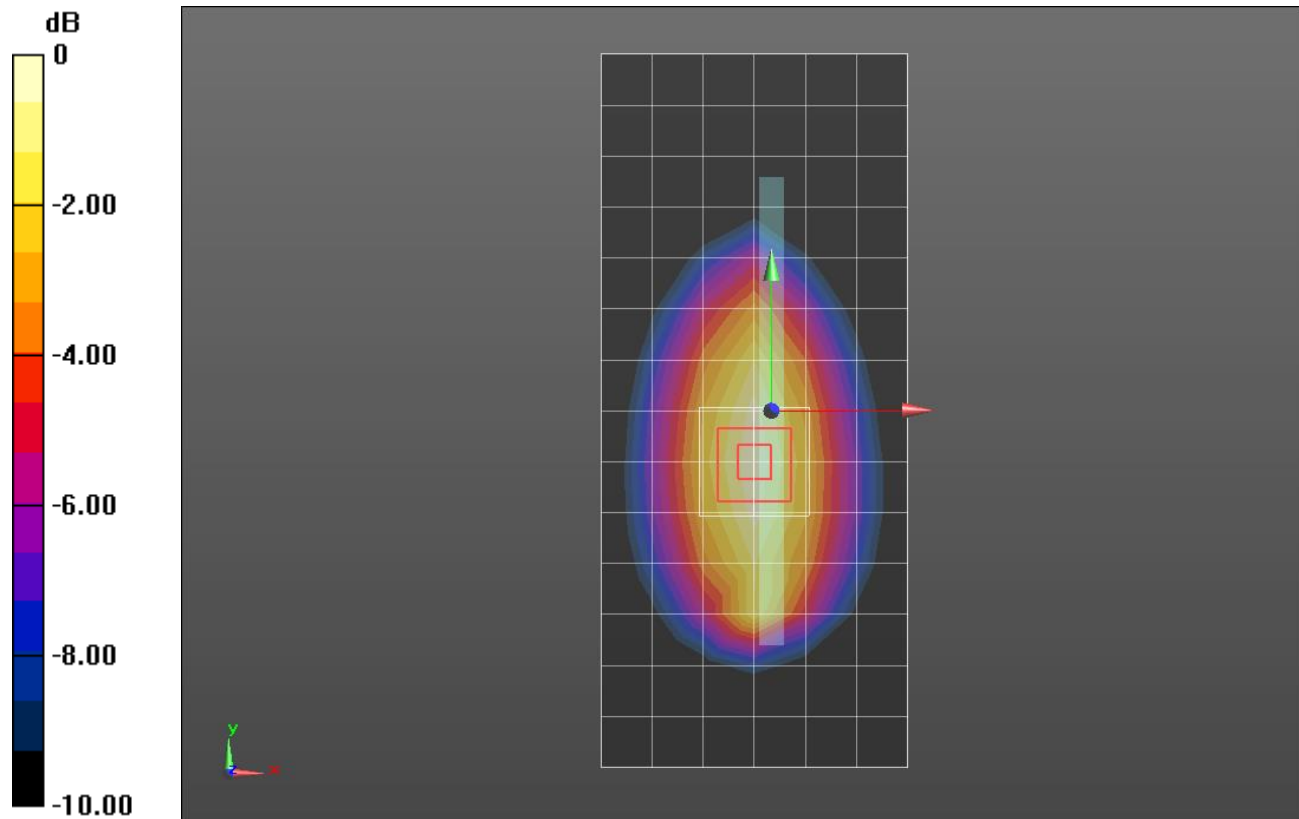
Reference Value = 26.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.783 W/kg

**SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.357 W/kg**

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

Maximum value of SAR (measured) = 0.644 W/kg



0 dB = 0.644 W/kg = -1.91 dBW/kg

## LTE Band 13\_UAT

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 39.912$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(10.21, 10.21, 10.21); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_QPSK\_RB 1/24\_ch 23230/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.316 W/kg

**RHS/Touch\_QPSK\_RB 1/24\_ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

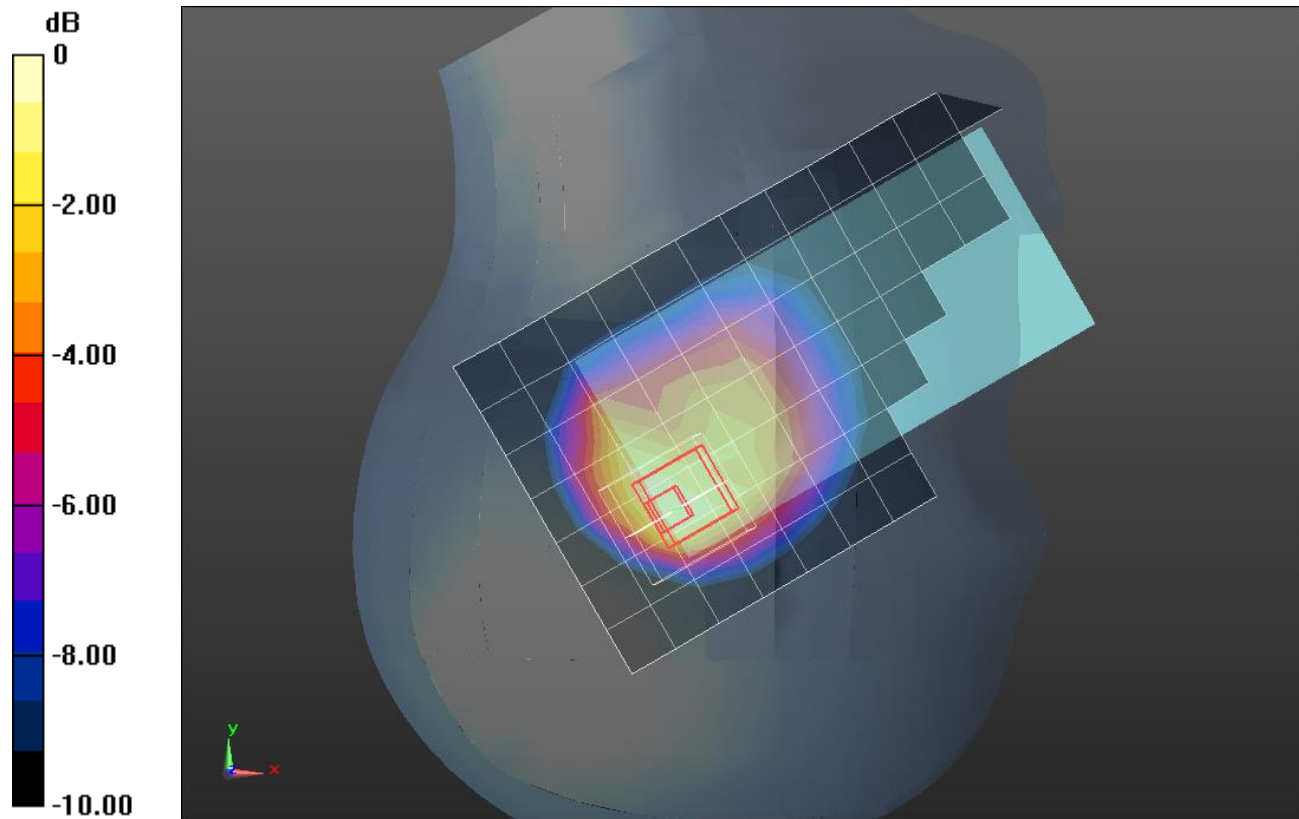
Reference Value = 18.72 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.146 W/kg**

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

Maximum value of SAR (measured) = 0.356 W/kg



## LTE Band 13\_LAT

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 53.401$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(9.82, 9.82, 9.82); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Front/QPSK\_RB 1/24\_ch 23230/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.663 W/kg

**Front/QPSK\_RB 1/24\_ch 23230/Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

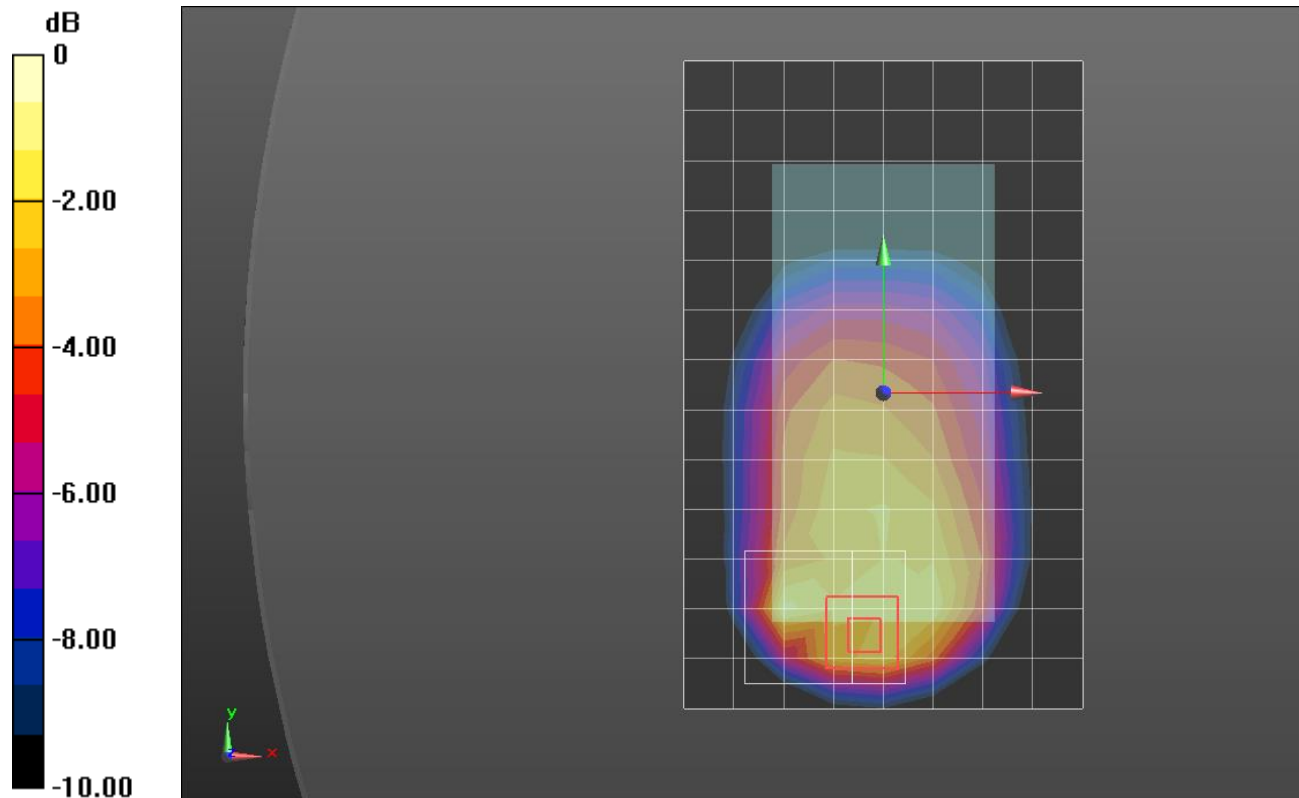
Reference Value = 26.21 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.346 W/kg**

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

Maximum value of SAR (measured) = 0.852 W/kg



0 dB = 0.852 W/kg = -0.70 dBW/kg

## LTE Band 13\_LAT

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 53.401$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(9.82, 9.82, 9.82); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

**Edge 4/QPSK\_RB 1/24\_ch 23230/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.847 W/kg

**Edge 4/QPSK\_RB 1/24\_ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

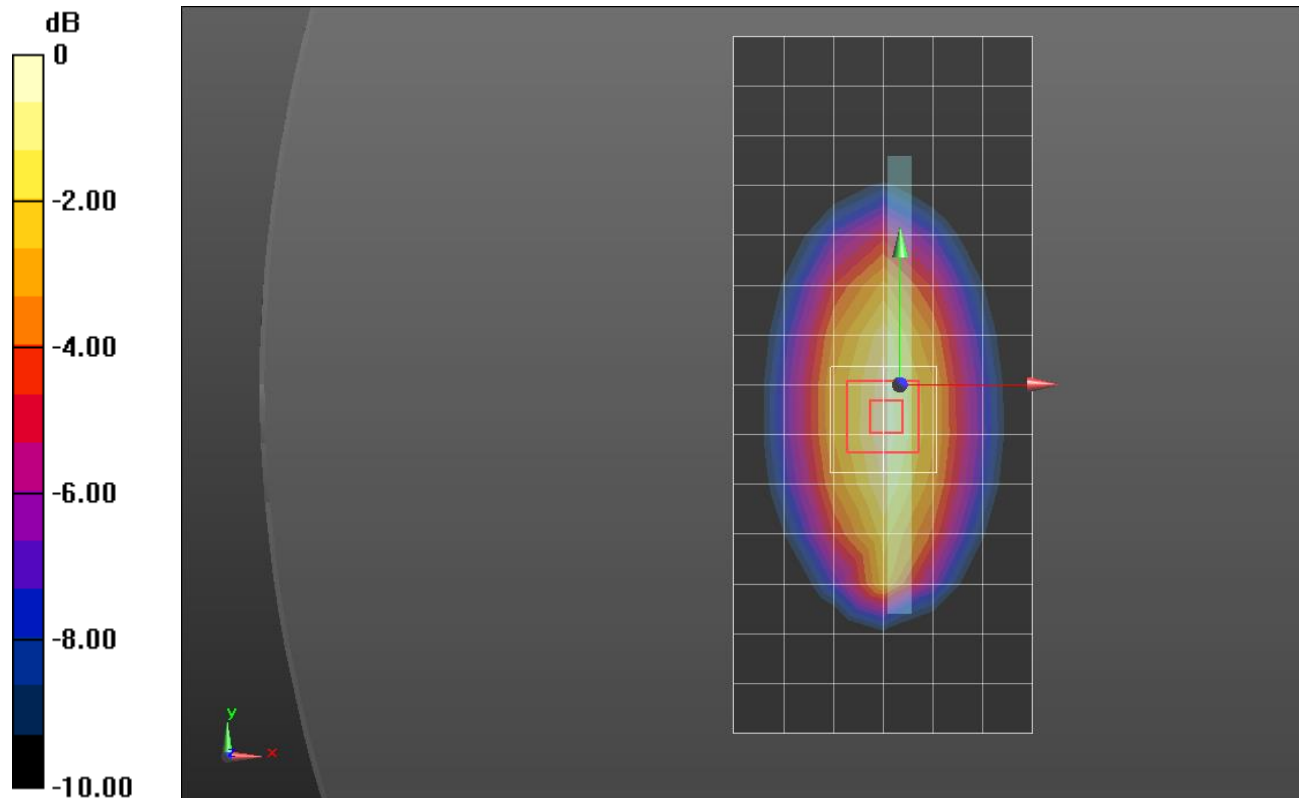
Reference Value = 29.79 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.472 W/kg**

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

Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.871 W/kg = -0.60 dBW/kg

## LTE Band 25\_UAT

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.378$  S/m;  $\epsilon_r = 39.928$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3902; ConvF(8.1, 8.1, 8.1); Calibrated: 5/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

**RHS/Touch\_QPSK\_RB 1/49\_ch 26365/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.30 W/kg

**RHS/Touch\_QPSK\_RB 1/49\_ch 26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

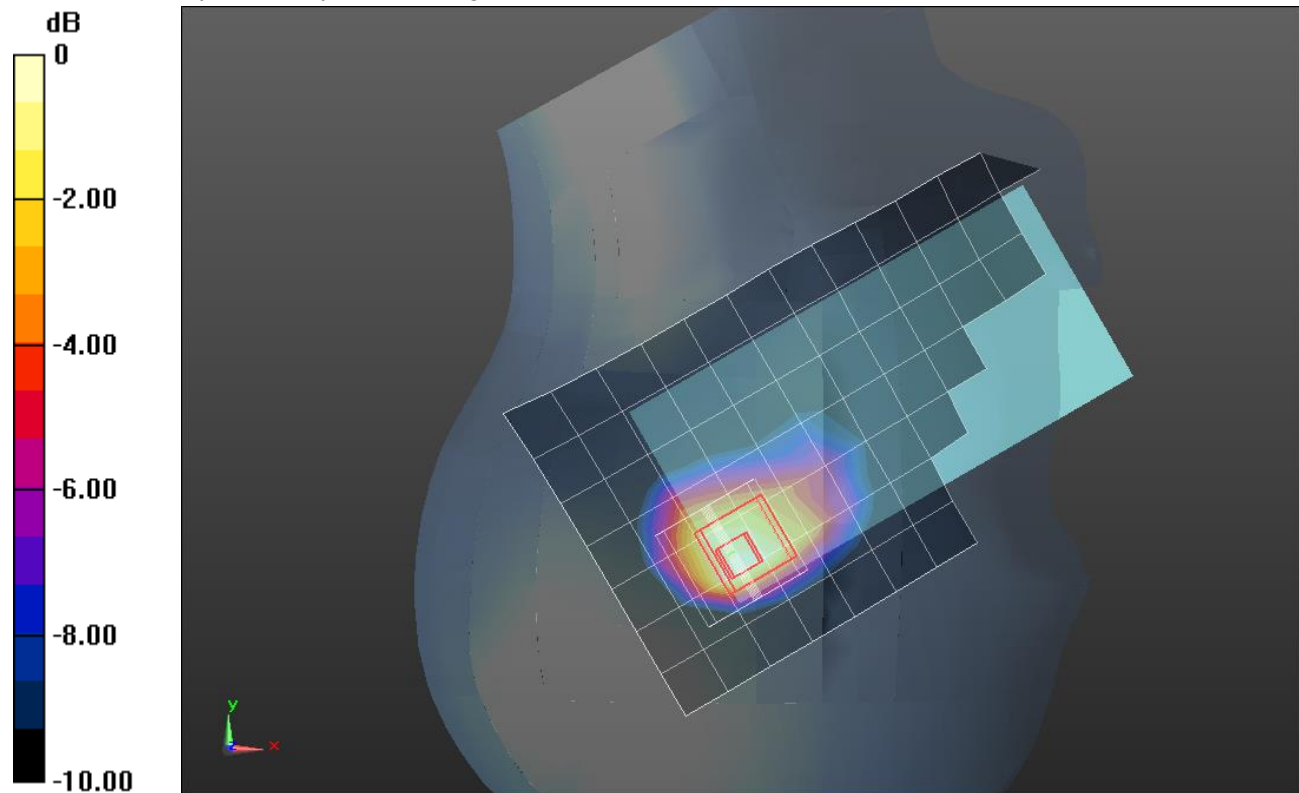
Reference Value = 31.153 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.33 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.539 W/kg**

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

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

## LTE Band 25\_LAT

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.534$  S/m;  $\epsilon_r = 50.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(7.93, 7.93, 7.93); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

**Front/QPSK\_RB 100/0\_ch 26365/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.956 W/kg

**Front/QPSK\_RB 100/0\_ch 26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

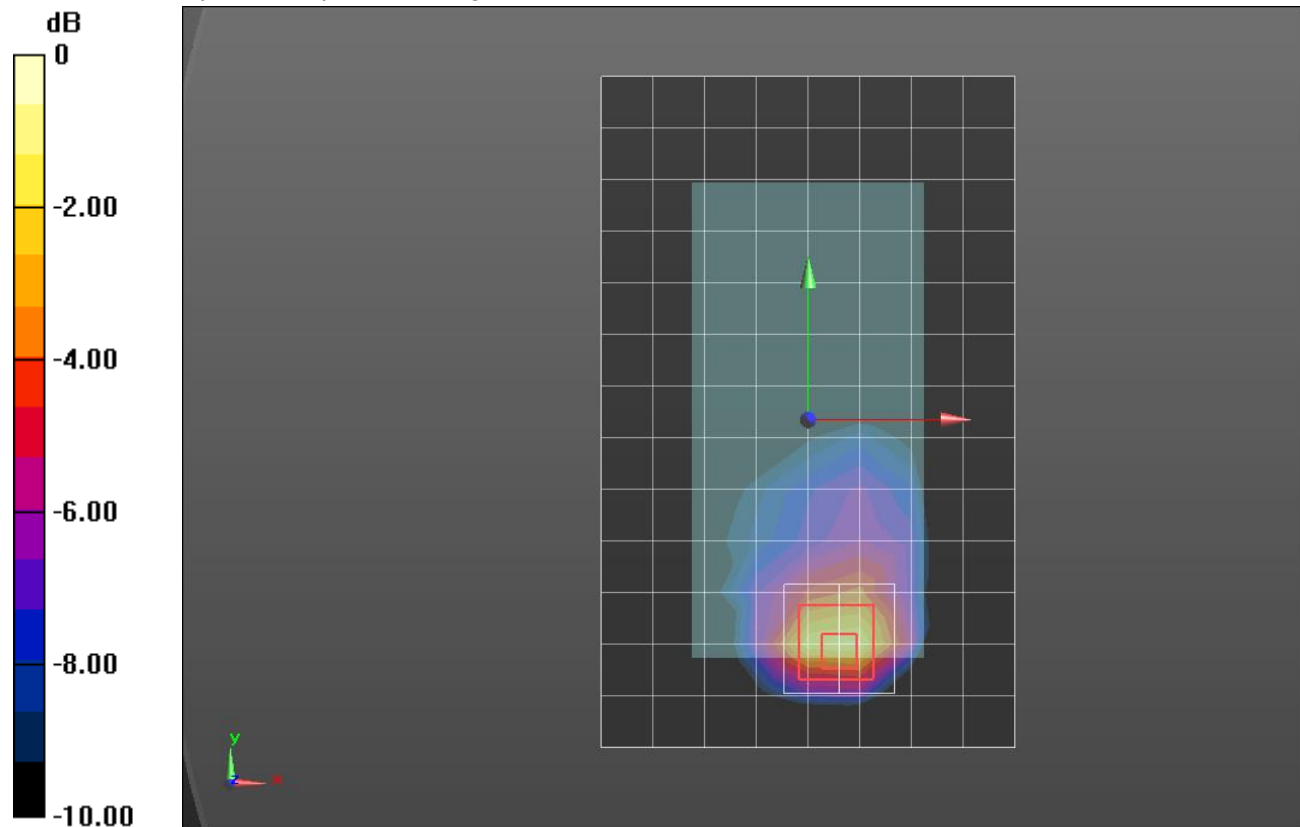
Reference Value = 28.46 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.496 W/kg**

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

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

## LTE Band 25\_LAT

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 50.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/16/2016
- Probe: EX3DV4 - SN3901; ConvF(7.93, 7.93, 7.93); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

**Edge 3/QPSK\_RB 50/24\_ch 26590/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.40 W/kg

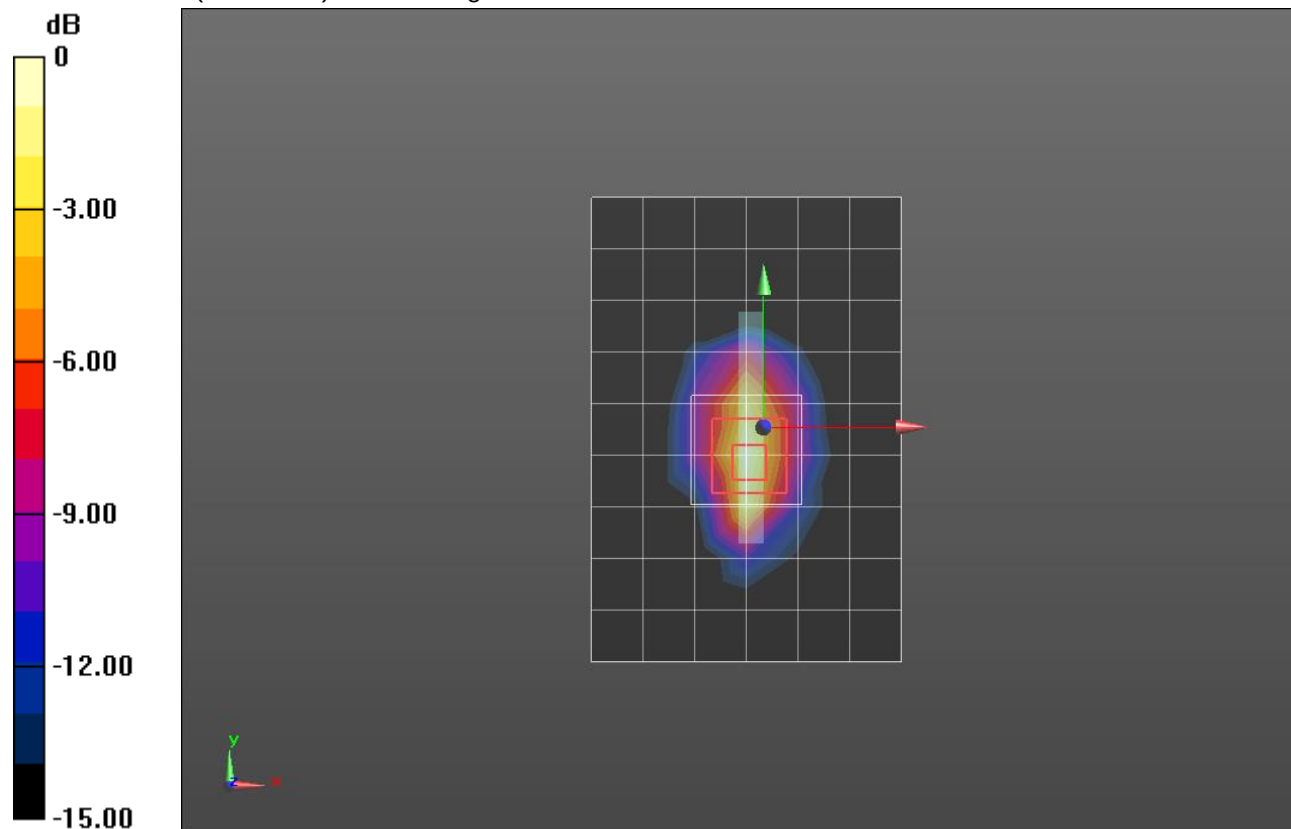
**Edge 3/QPSK\_RB 50/24\_ch 26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.33 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.446 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

**LTE Band 26\_UAT**

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 42.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/10/2016
- Probe: EX3DV4 - SN3871; ConvF(9.4, 9.4, 9.4); Calibrated: 8/14/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

**RHS/Touch\_QPSK RB 1/24 ch\_26865/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.487 W/kg

**RHS/Touch\_QPSK RB 1/24 ch\_26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

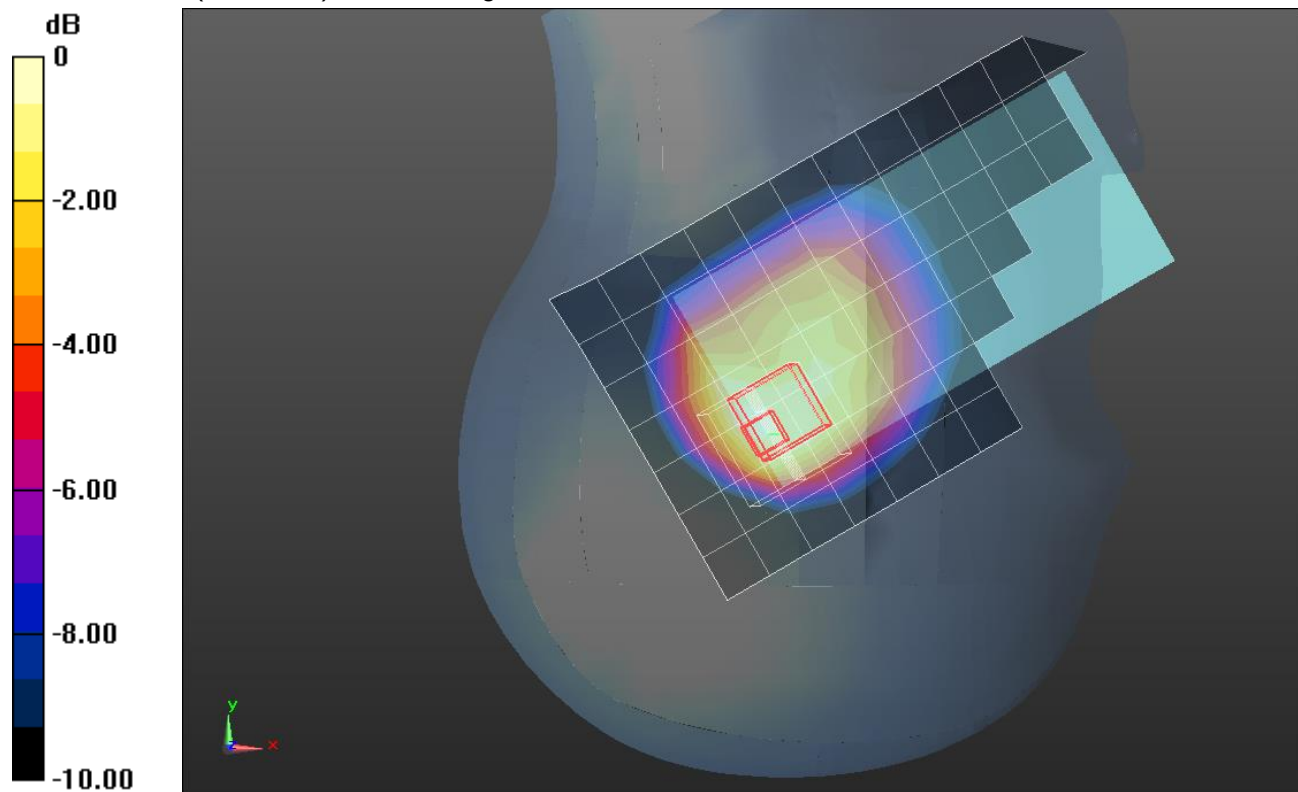
Reference Value = 24.096 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.764 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.252 W/kg**

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

Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

## LTE Band 26\_LAT

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 53.926$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/10/2016
- Probe: EX3DV4 - SN3871; ConvF(9.62, 9.62, 9.62); Calibrated: 8/14/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: TP:xxxx

**Rear/QPSK\_RB 1/24\_ch 26865/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.693 W/kg

**Rear/QPSK\_RB 1/24\_ch 26865/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

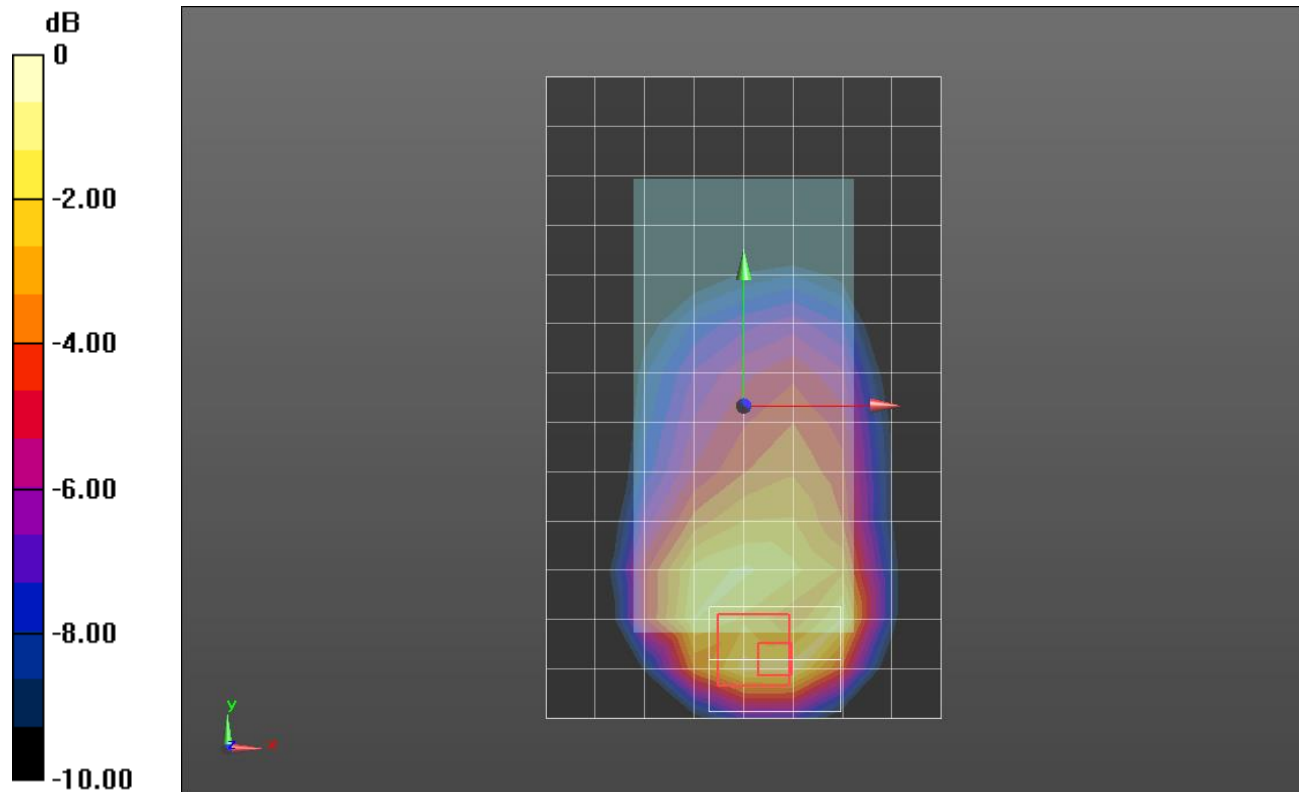
Reference Value = 30.115 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.346 W/kg**

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

Maximum value of SAR (measured) = 0.849 W/kg



0 dB = 0.849 W/kg = -0.71 dBW/kg

## LTE Band 26\_LAT

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 53.926$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/10/2016
- Probe: EX3DV4 - SN3871; ConvF(9.62, 9.62, 9.62); Calibrated: 8/14/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: TP:xxxx

**Edge 4/QPSK\_RB 1/24\_ch 26865/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.776 W/kg

**Edge 4/QPSK\_RB 1/24\_ch 26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

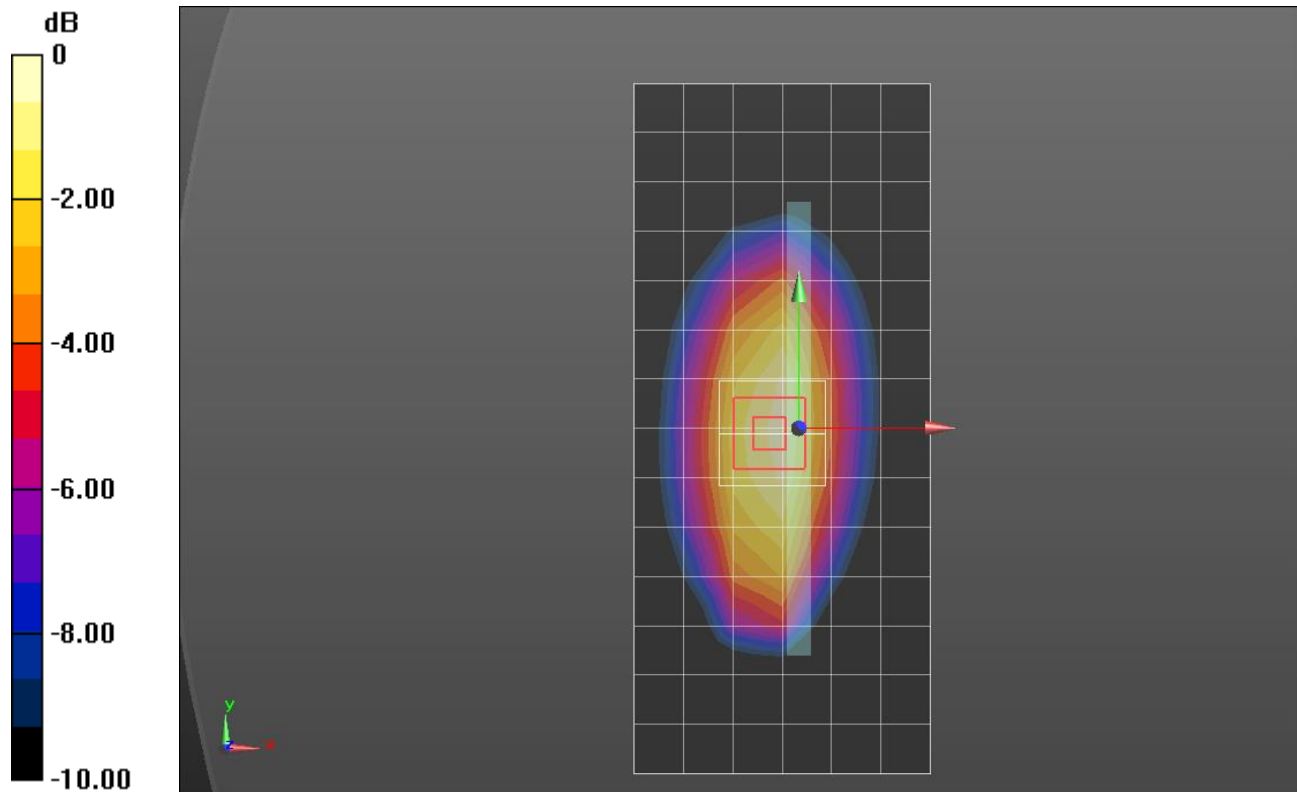
Reference Value = 28.803 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.440 W/kg**

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

Maximum value of SAR (measured) = 0.819 W/kg



0 dB = 0.819 W/kg = -0.87 dBW/kg

## LTE Band 30\_UAT

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

Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.703$  S/m;  $\epsilon_r = 38.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.04, 7.04, 7.04); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

**RHS/Touch\_QPSK\_RB 25/12\_ch 27710/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.30 W/kg

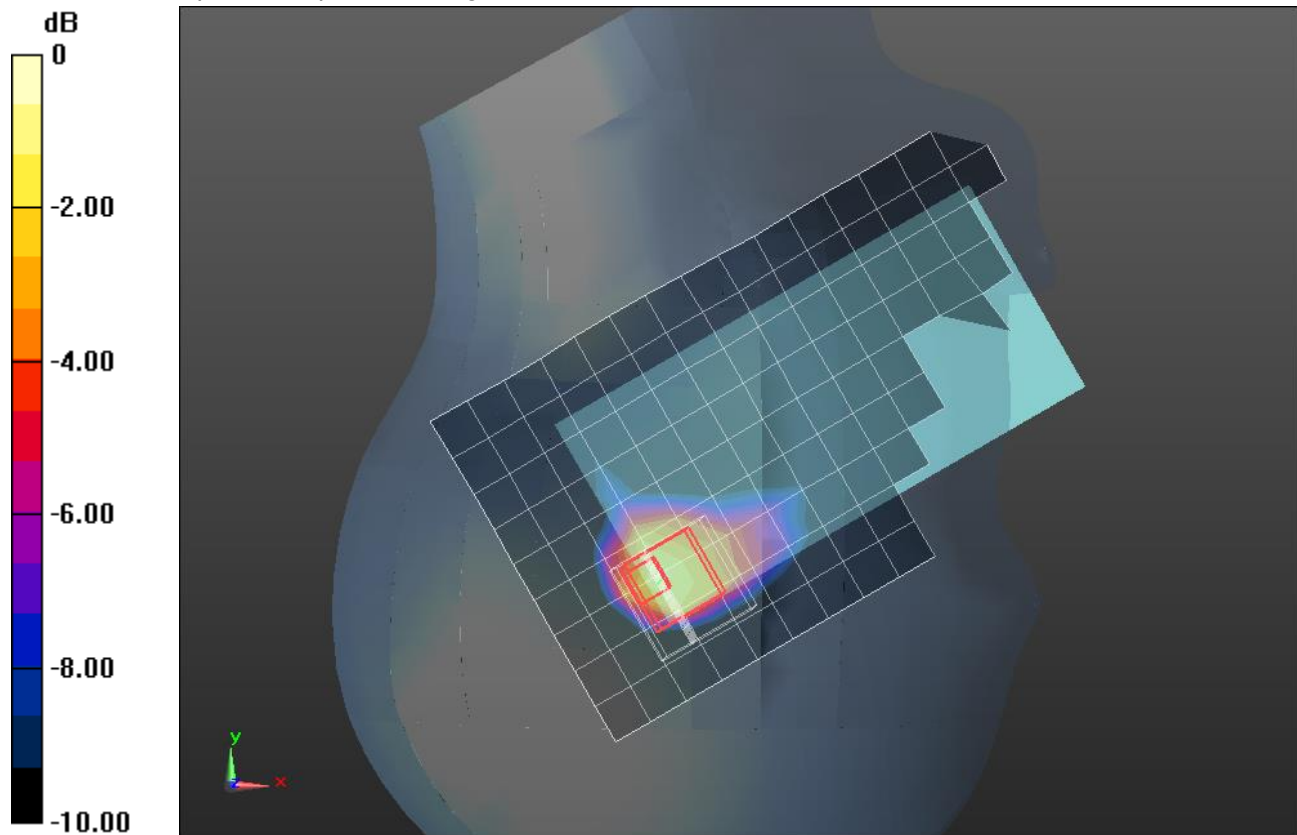
**RHS/Touch\_QPSK\_RB 25/12\_ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.08 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.93 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.460 W/kg**

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

## LTE Band 30\_UAT

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

Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.866$  S/m;  $\epsilon_r = 52.114$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.01, 7.01, 7.01); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1099

**Front/QPSK\_RB 25/12\_ch 27710/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.52 W/kg

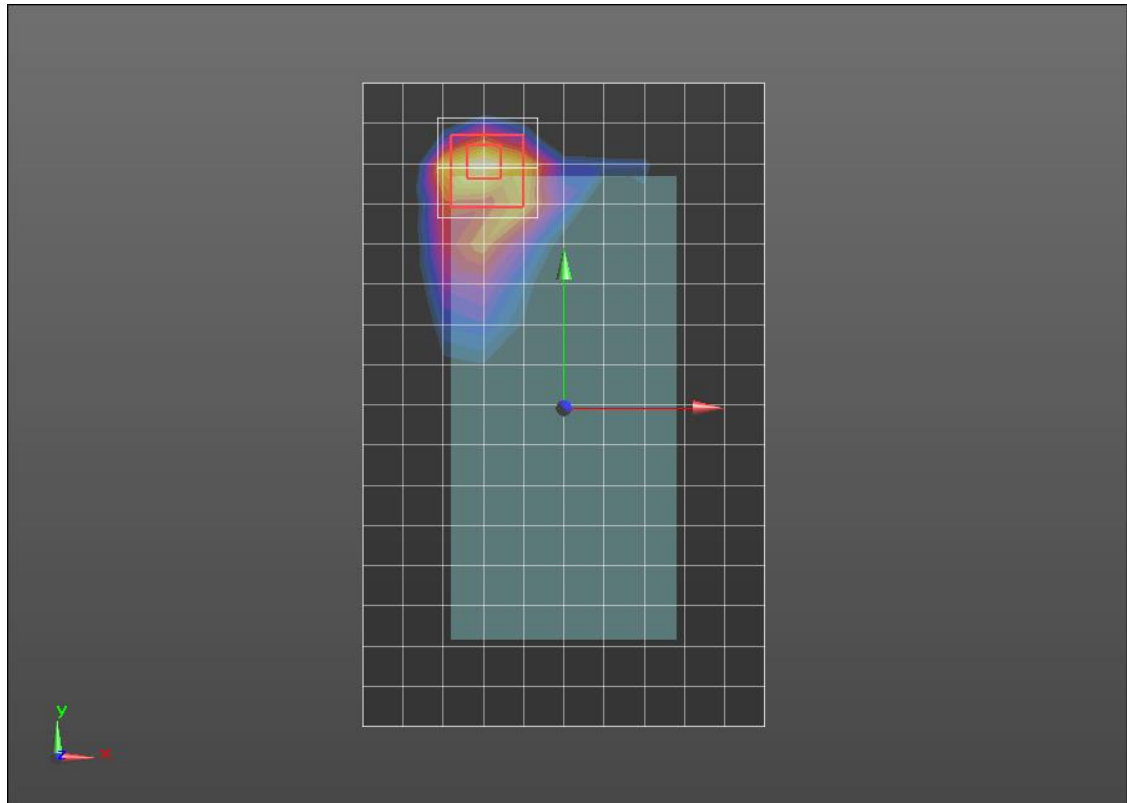
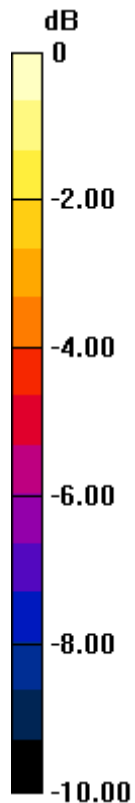
**Front/QPSK\_RB 25/12\_ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.89 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.42 W/kg

**SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.429 W/kg**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

## LTE Band 30\_LAT

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

Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.857$  S/m;  $\epsilon_r = 52.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(7.01, 7.01, 7.01); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1099

**Edge 3/QPSK\_RB 1/49\_ch 27710 2/Area Scan (7x11x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.56 W/kg

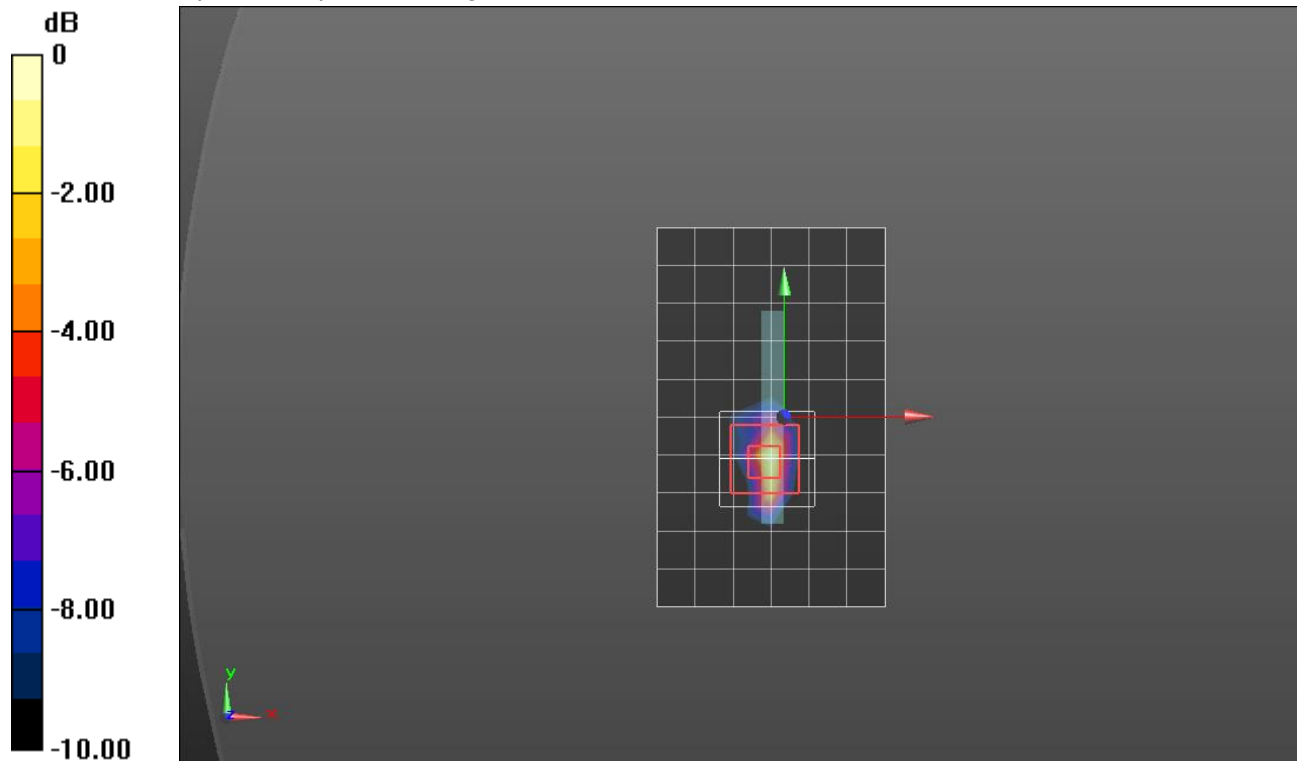
**Edge 3/QPSK\_RB 1/49\_ch 27710 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.62 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.76 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

## LTE Band 41\_UAT

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.983$  S/m;  $\epsilon_r = 39.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/17/2016
- Probe: EX3DV4 - SN3885; ConvF(6.83, 6.83, 6.83); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

**LHS/Touch\_QPSK RB 50,24\_ch 40620/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.796 W/kg

**LHS/Touch\_QPSK RB 50,24\_ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

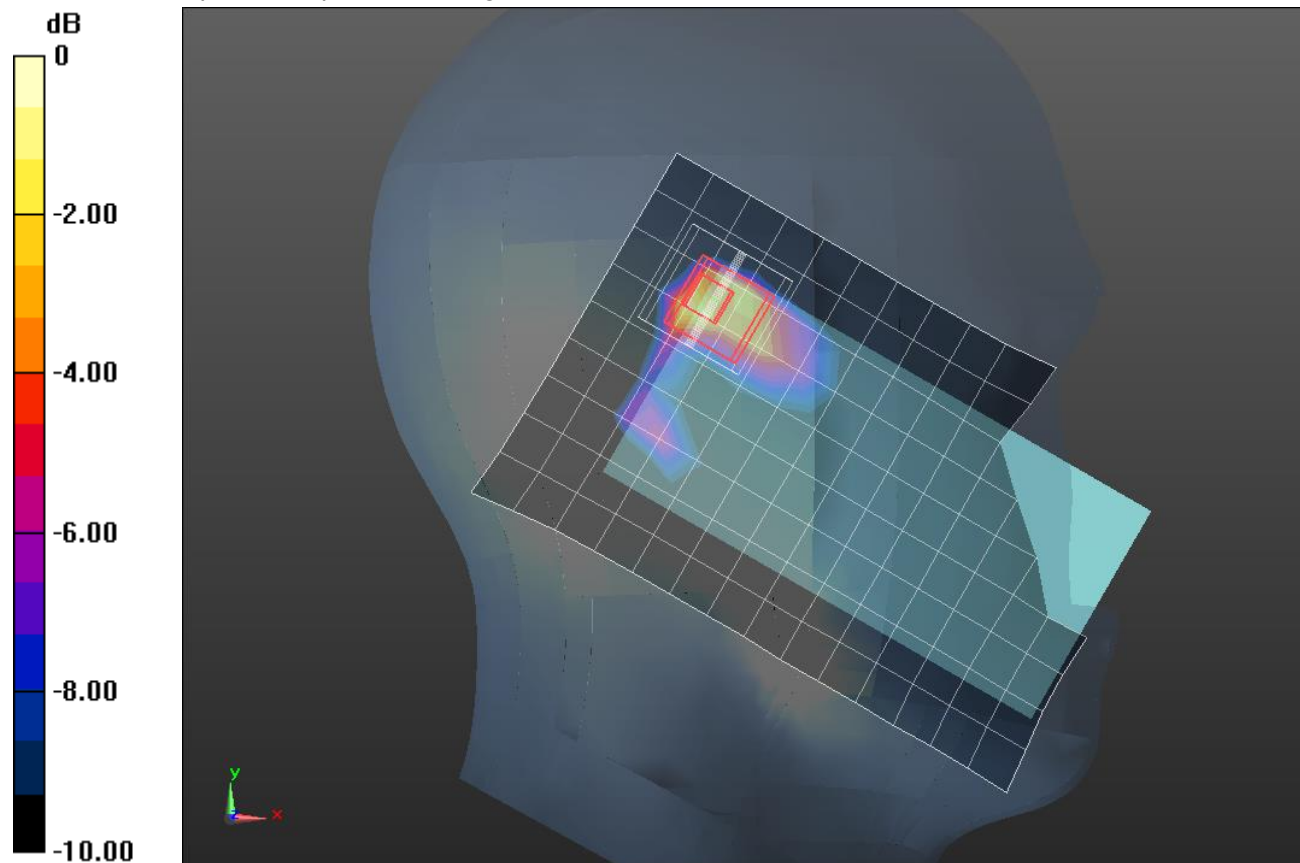
Reference Value = 21.93 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.220 W/kg**

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

Maximum value of SAR (measured) = 0.908 W/kg



0 dB = 0.908 W/kg = -0.42 dBW/kg

## LTE Band 41\_LAT

Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.252$  S/m;  $\epsilon_r = 52.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/21/2016
- Probe: EX3DV4 - SN3991; ConvF(7.22, 7.22, 7.22); Calibrated: 5/12/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK RB 50/24\_ch 41055/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.16 W/kg

**Front/QPSK RB 50/24\_ch 41055/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

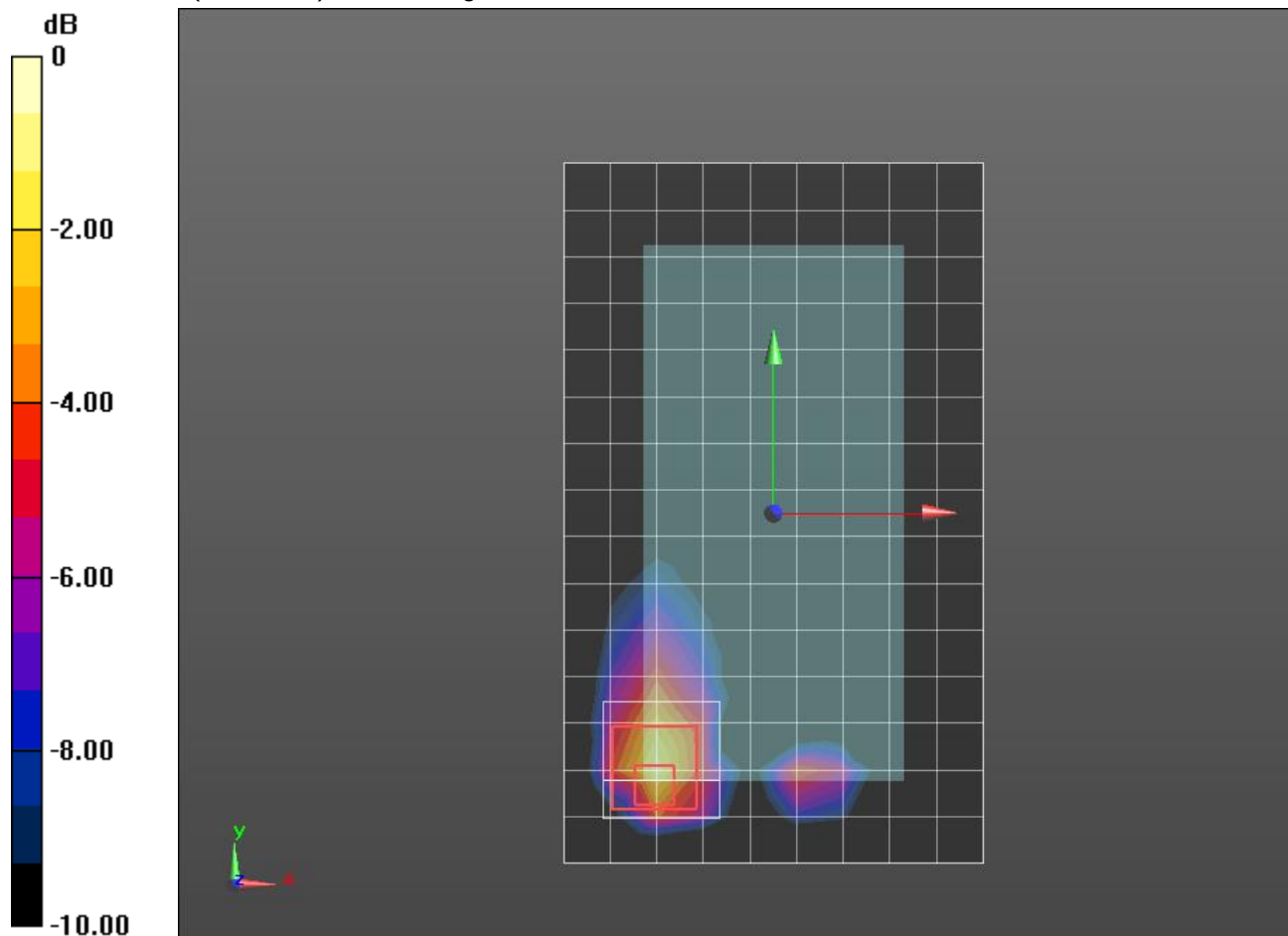
Reference Value = 22.724 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.33 W/kg

**SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.368 W/kg**

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

Maximum value of SAR (measured) = 1.42 W/kg



## LTE-2CA Band 7\_LAT

Frequency: 2510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.111$  S/m;  $\epsilon_r = 52.666$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2015
- Probe: EX3DV4 - SN3751; ConvF(6.52, 6.52, 6.52); Calibrated: 11/18/2015;
- 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: 1120

**Front/QPSK\_RB 1/49\_ch 20850/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.839 W/kg

**Front/QPSK\_RB 1/49\_ch 20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.22 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.344 W/kg**

Maximum value of SAR (measured) = 1.35 W/kg

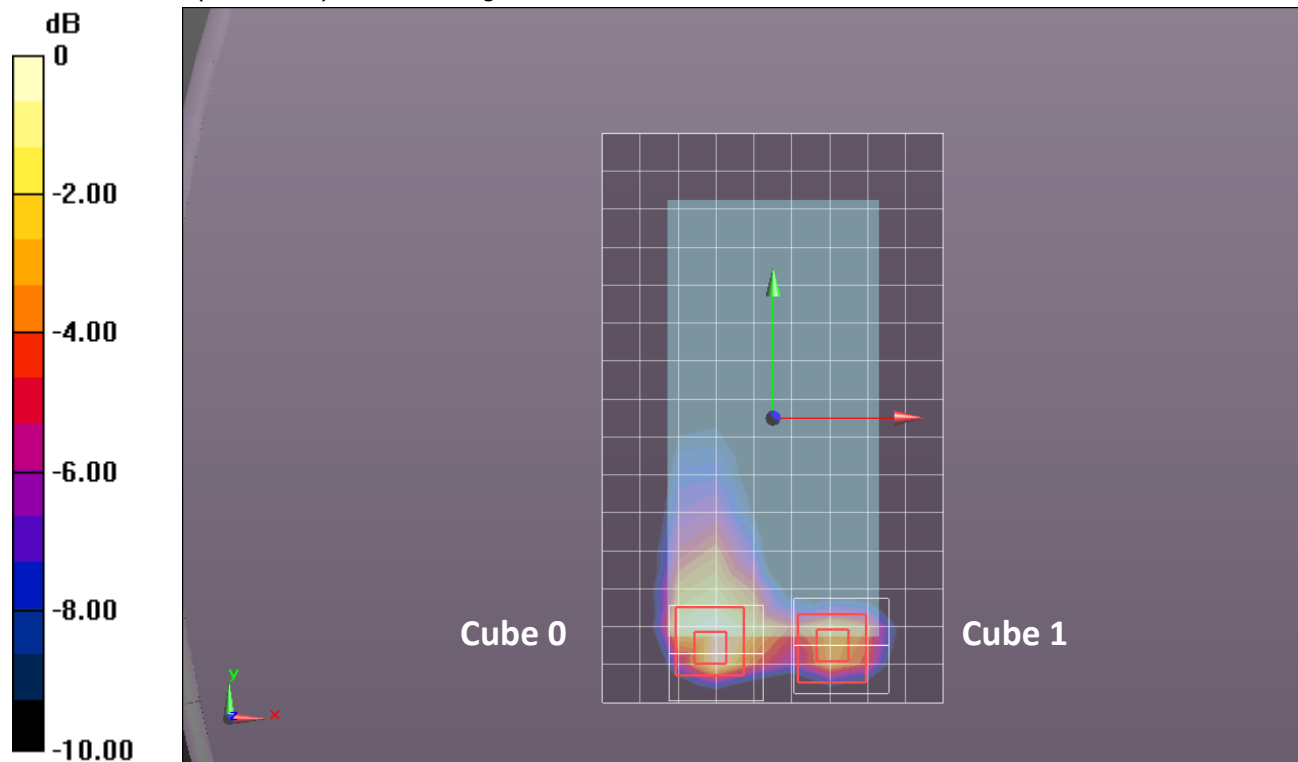
**Front/QPSK\_RB 1/49\_ch 20850/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.22 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.210 W/kg**

Maximum value of SAR (measured) = 0.854 W/kg



0 dB = 0.854 W/kg = -0.69 dBW/kg

## LTE-2CA Band 41\_LAT

Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.21$  S/m;  $\epsilon_r = 51.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/21/2016
- Probe: EX3DV4 - SN3991; ConvF(7.22, 7.22, 7.22); Calibrated: 5/12/2016;
- 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: 1117

**Front/QPSK RB 50,24\_ch 41055/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.46 W/kg

**Front/QPSK RB 50,24\_ch 41055/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

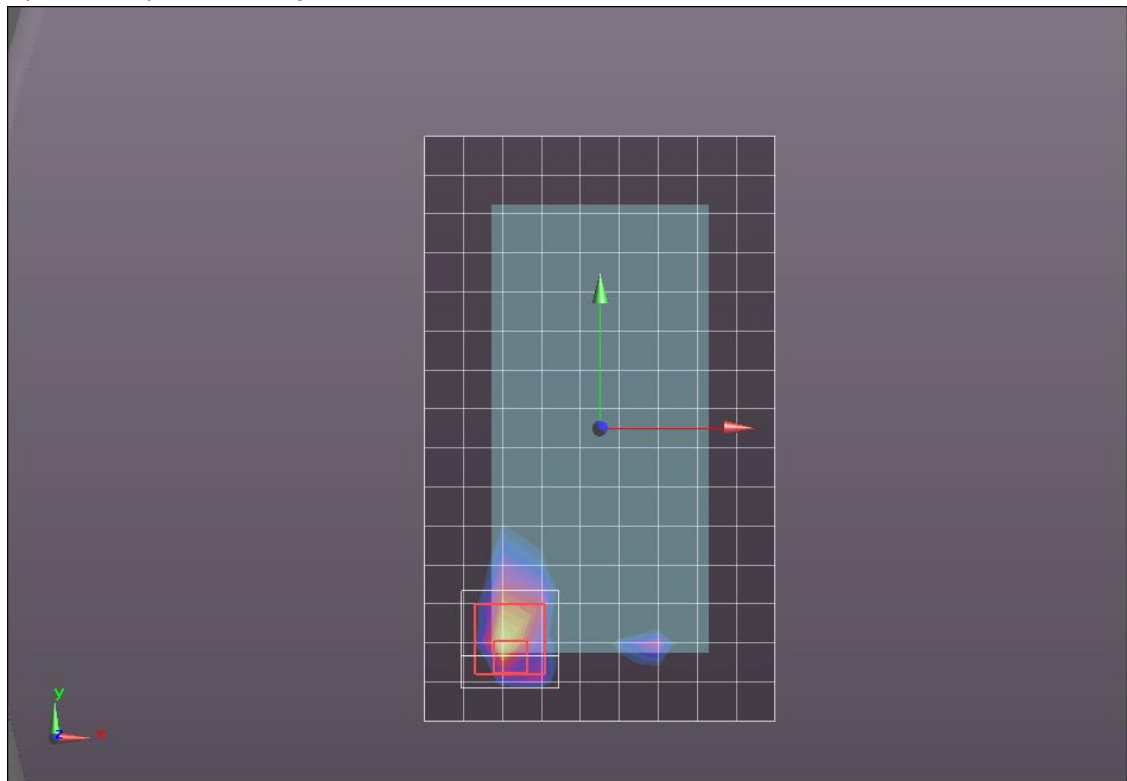
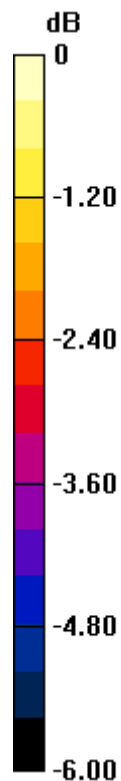
Reference Value = 26.178 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.58 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.449 W/kg**

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

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

## Wi-Fi 2.4GHz\_UAT Cell OFF

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.811$  S/m;  $\epsilon_r = 40.574$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.89, 6.89, 6.89); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Tilt\_802.11b\_ch 11/Area Scan (9x15x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.48 W/kg

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

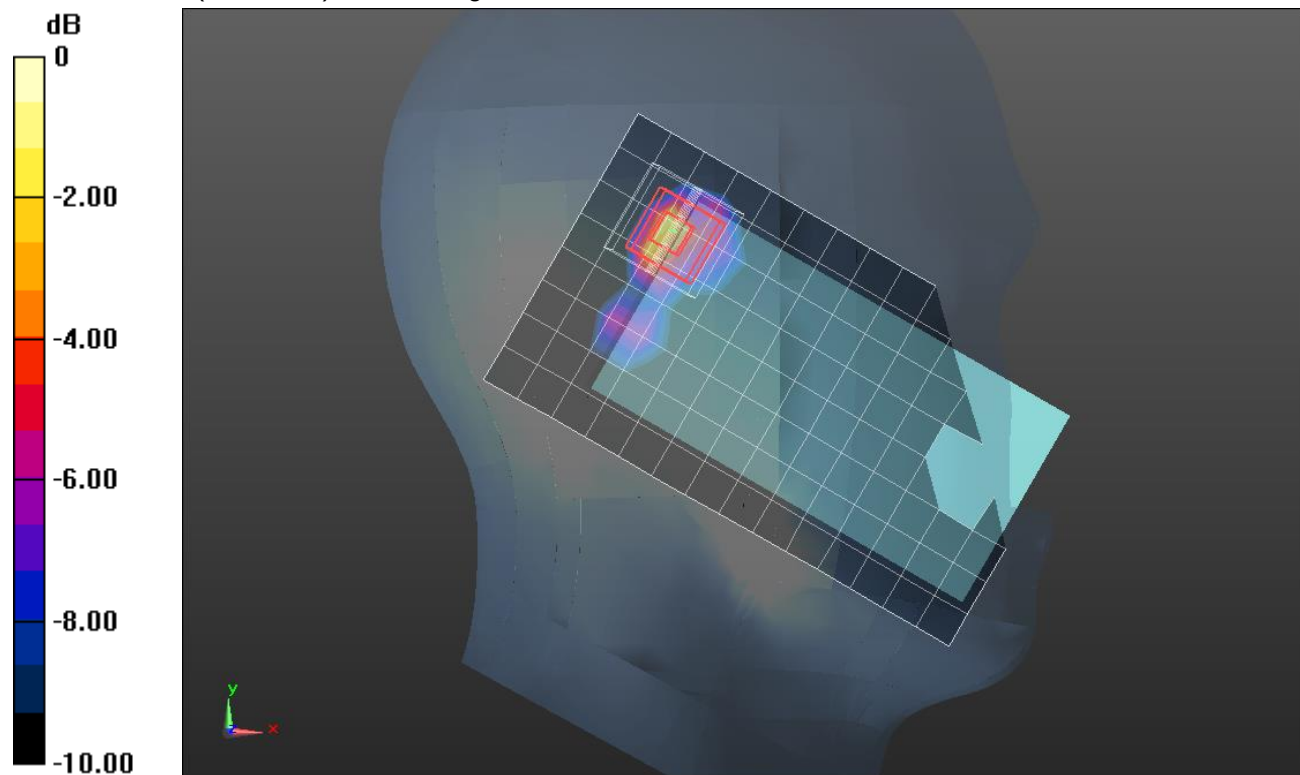
Reference Value = 22.267 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 3.65 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.426 W/kg**

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

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

## Wi-Fi 2.4GHz\_Cell OFF\_MIMO

Frequency: 2452 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2452$  MHz;  $\sigma = 2.021$  S/m;  $\epsilon_r = 50.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.88, 6.88, 6.88); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Front/802.11g\_ch 9/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.965 W/kg

**Front/802.11g\_ch 9/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.116 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.02 W/kg

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.442 W/kg**

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

Maximum value of SAR (measured) = 1.83 W/kg

**Front/802.11g\_ch 9/Zoom Scan 2 (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

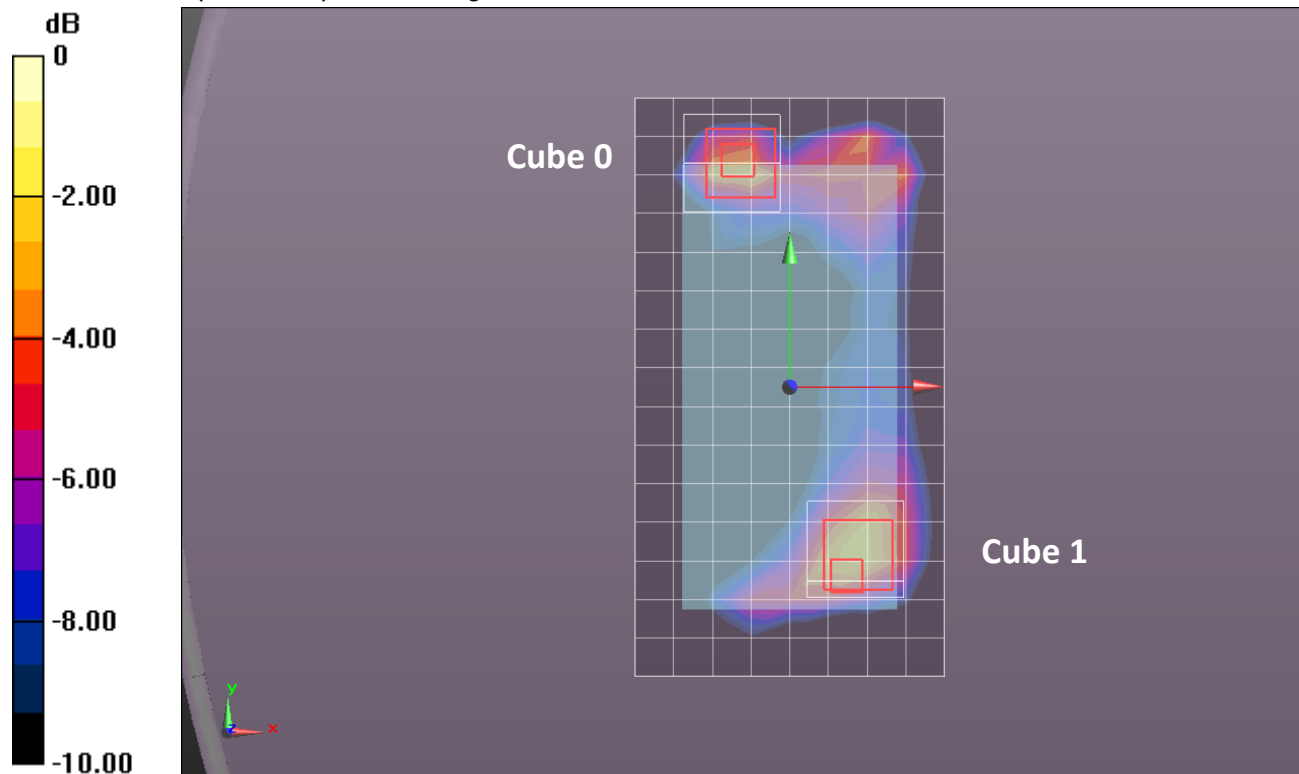
Reference Value = 26.116 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.82 W/kg

**SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.425 W/kg**

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

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

## Wi-Fi 5GHz\_Cell OFF MIMO

Frequency: 5190 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.561$  S/m;  $\epsilon_r = 34.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(5.38, 5.38, 5.38); Calibrated: 2/23/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_802.11n HT40\_Ch 38 Q58/Area Scan (11x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.66 W/kg

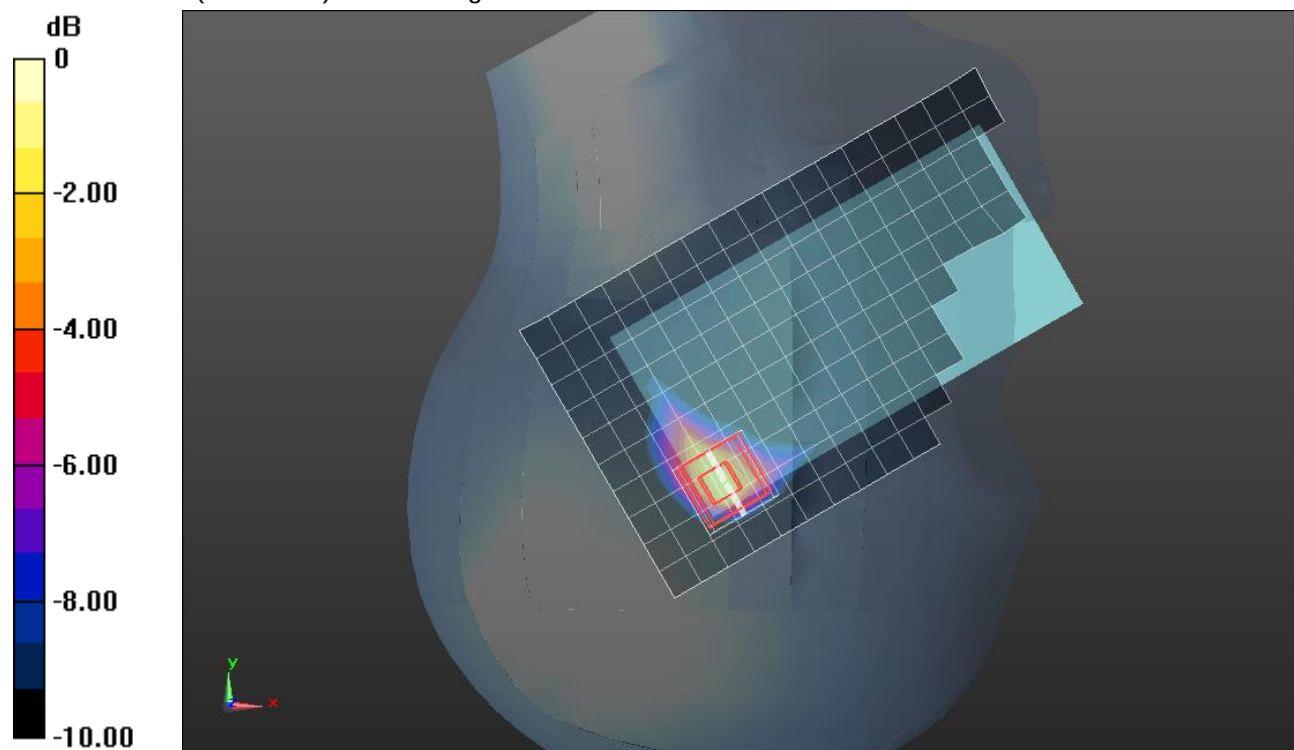
**RHS/Touch\_802.11n HT40\_Ch 38 Q58/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.453 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 5.01 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.360 W/kg**

Maximum value of SAR (measured) = 2.42 W/kg



0 dB = 2.42 W/kg = 3.84 dBW/kg

## Wi-Fi 5GHz\_LAT Cell OFF

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

Medium parameters used:  $f = 5270$  MHz;  $\sigma = 5.571$  S/m;  $\epsilon_r = 47.331$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(4.56, 4.56, 4.56); Calibrated: 2/23/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/802.11n HT40\_Ch 54/Area Scan (10x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.72 W/kg

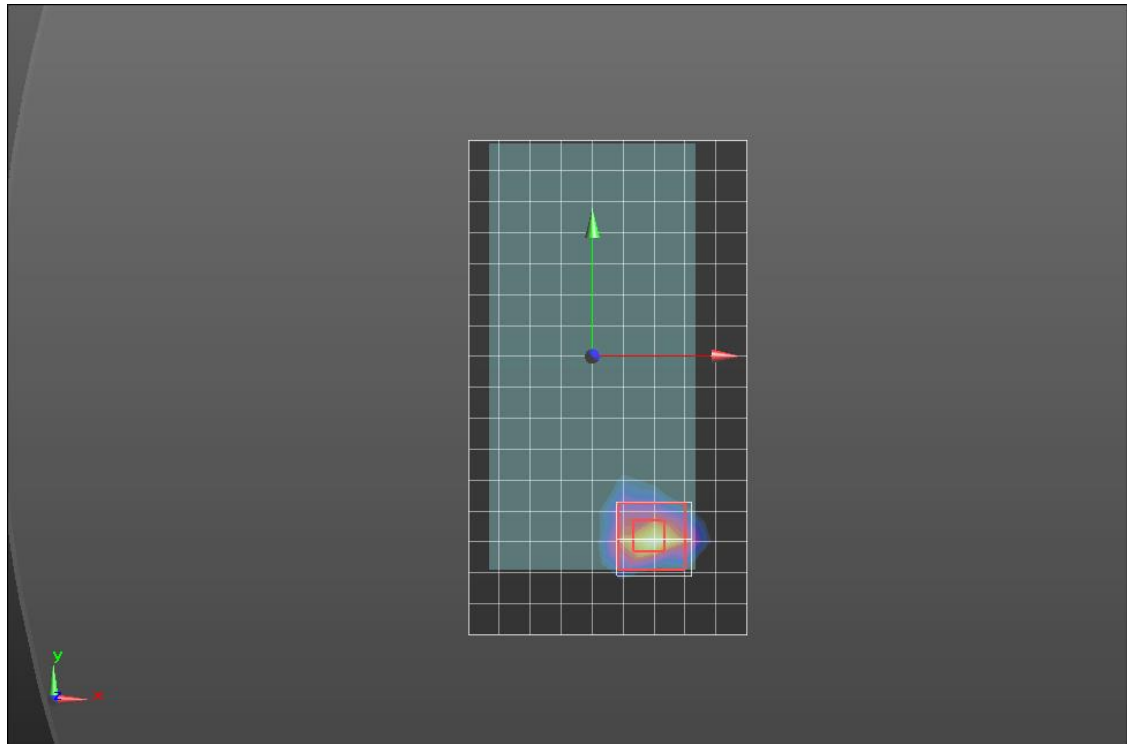
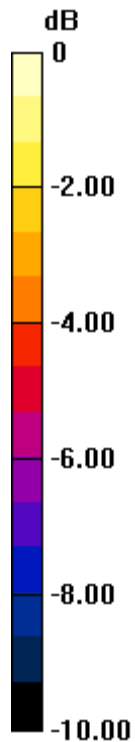
**Front/802.11n HT40\_Ch 54/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.766 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.62 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.59 W/kg = 4.13 dBW/kg

**Wi-Fi 5.6GHz\_UAT Cell OFF**

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.017$  S/m;  $\epsilon_r = 34.969$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3990; ConvF(4.57, 4.57, 4.57); Calibrated: 3/22/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

**RHS/Tilt\_802.11ac\_VHT80\_Ch 122/Area Scan (10x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 2.55 W/kg

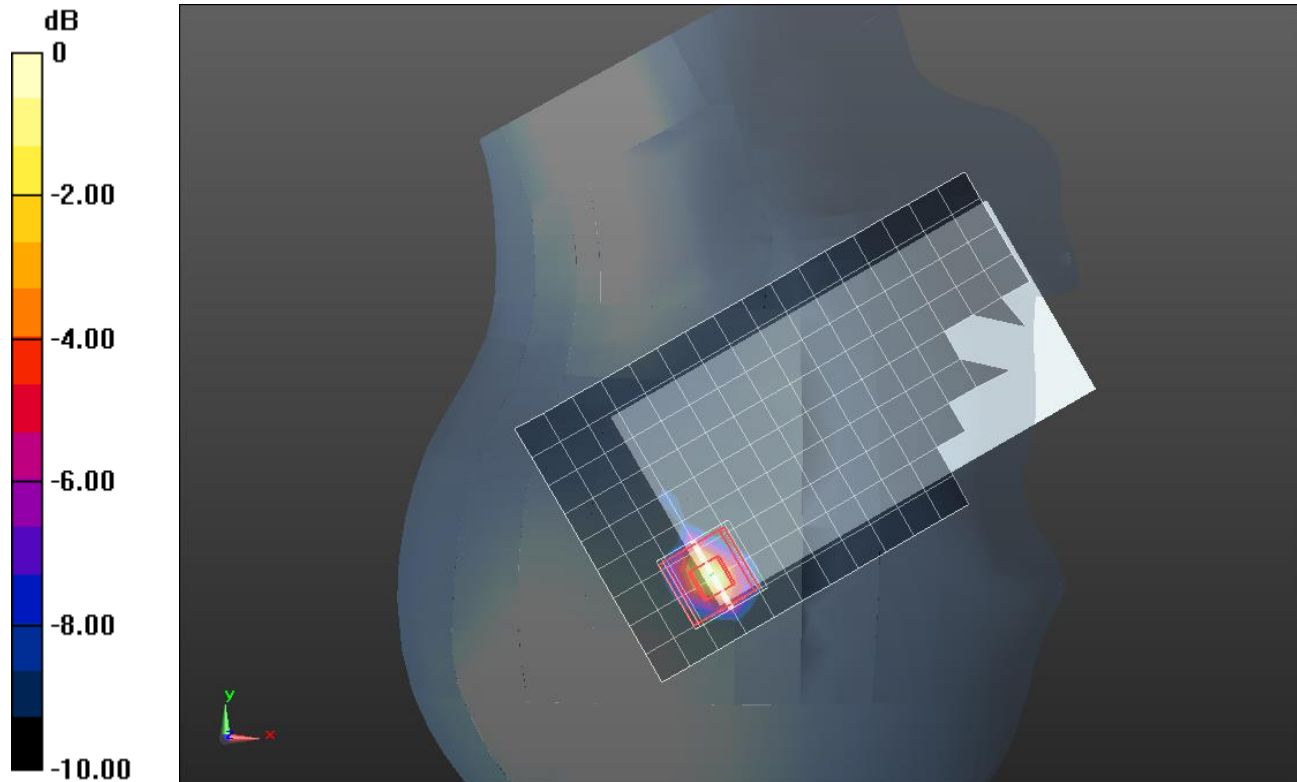
**RHS/Tilt\_802.11ac\_VHT80\_Ch 122/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.462 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 5.09 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.314 W/kg**

Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

## Wi-Fi 5GHz\_Cell OFF MIMO

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.641$  S/m;  $\epsilon_r = 47.407$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3990; ConvF(3.89, 3.89, 3.89); Calibrated: 3/22/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/802.11ac VHT80\_Ch 138/Area Scan (10x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.31 W/kg

**Front/802.11ac VHT80\_Ch 138/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.036 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 5.51 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.321 W/kg**

Maximum value of SAR (measured) = 2.59 W/kg

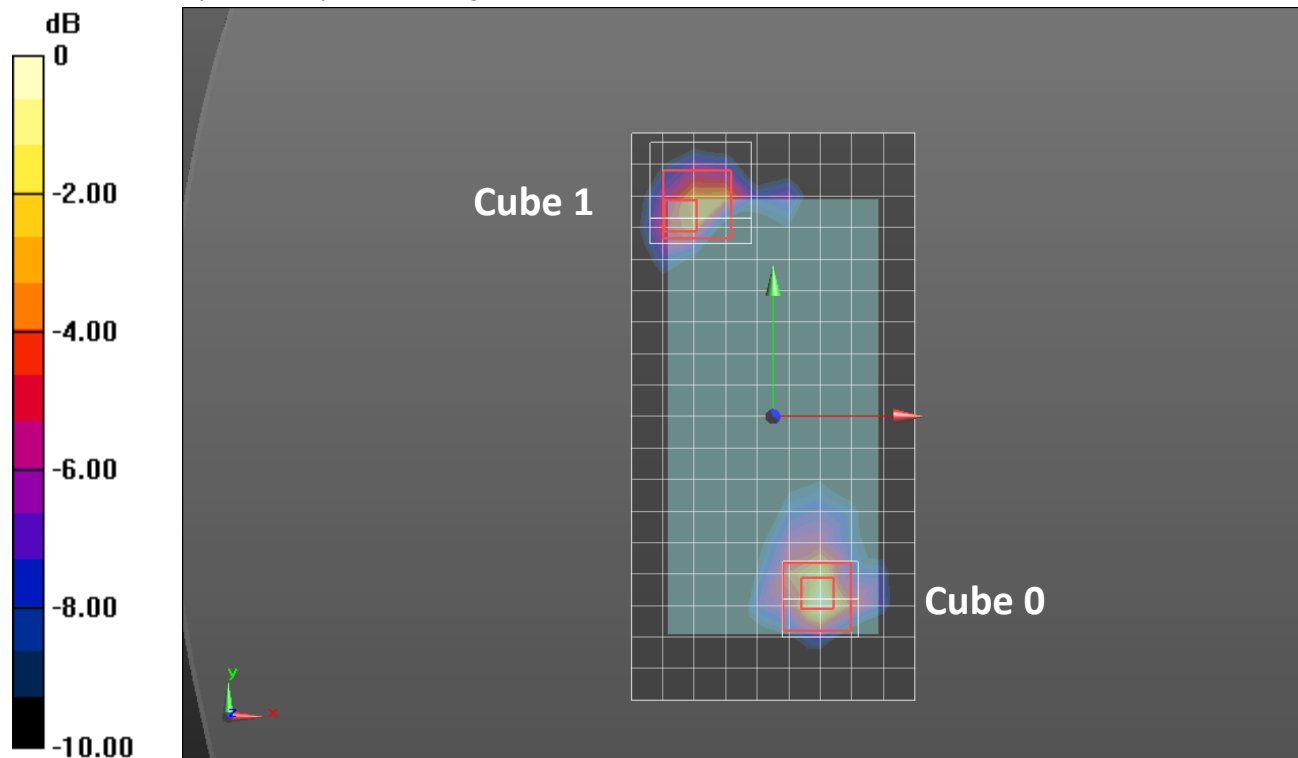
**Front/802.11ac VHT80\_Ch 138/Zoom Scan (9x9x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.036 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 10.2 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.341 W/kg**

Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 2.15 W/kg = 3.32 dBW/kg

## Wi-Fi 5GHz\_Cell OFF MIMO

Frequency: 5795 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5795$  MHz;  $\sigma = 5.454$  S/m;  $\epsilon_r = 36.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/24/2016
- Probe: EX3DV4 - SN7335; ConvF(4.75, 4.75, 4.75); Calibrated: 3/22/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_802.11n HT40\_Ch 159/Area Scan (11x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.92 W/kg

**RHS/Touch\_802.11n HT40\_Ch 159/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.318 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 5.29 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.325 W/kg**

Maximum value of SAR (measured) = 2.37 W/kg

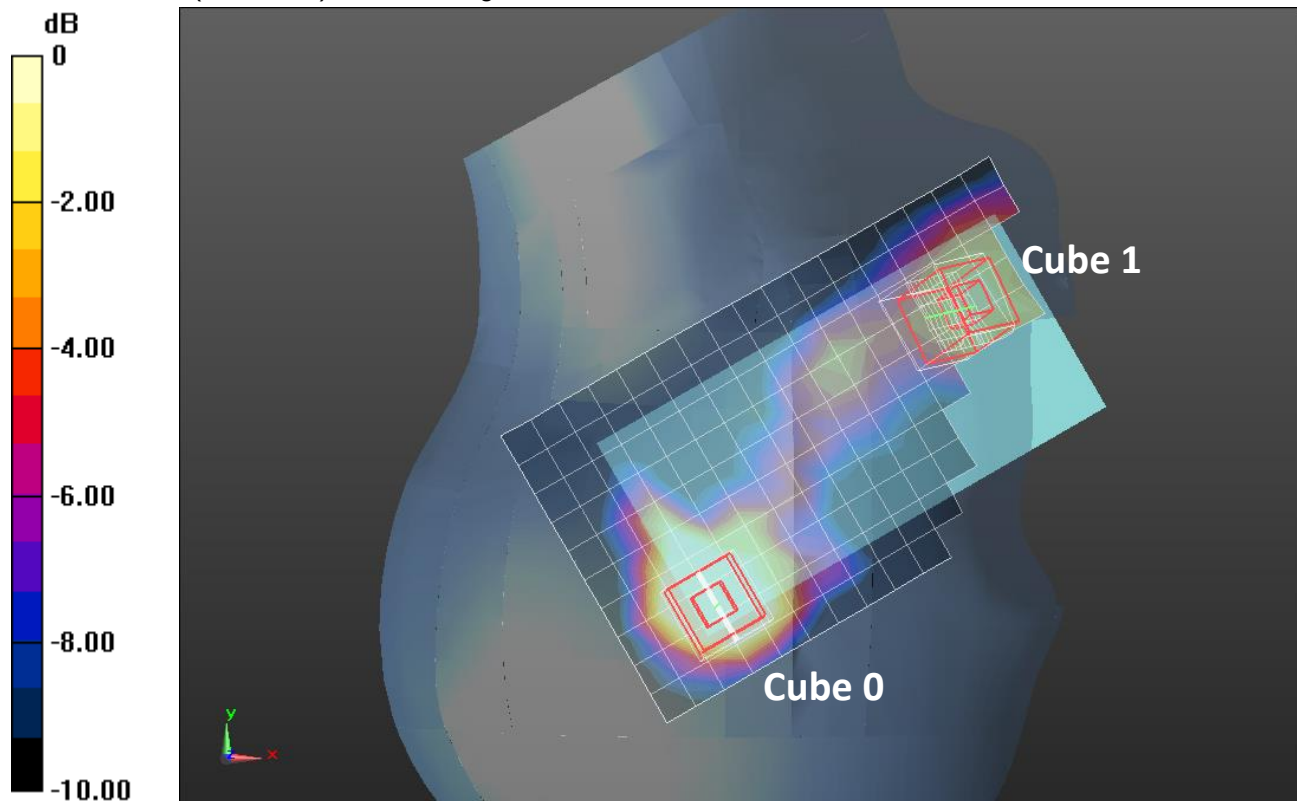
**RHS/Touch\_802.11n HT40\_Ch 159/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.318 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.977 W/kg

**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.106 W/kg**

Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456 W/kg = -3.41 dBW/kg

## Wi-Fi 5.8GHz\_LAT Cell OFF

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.933$  S/m;  $\epsilon_r = 46.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/24/2016
- Probe: EX3DV4 - SN7335; ConvF(3.93, 3.93, 3.93); Calibrated: 3/22/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Front/802.11ac VHT80\_Ch 155/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.71 W/kg

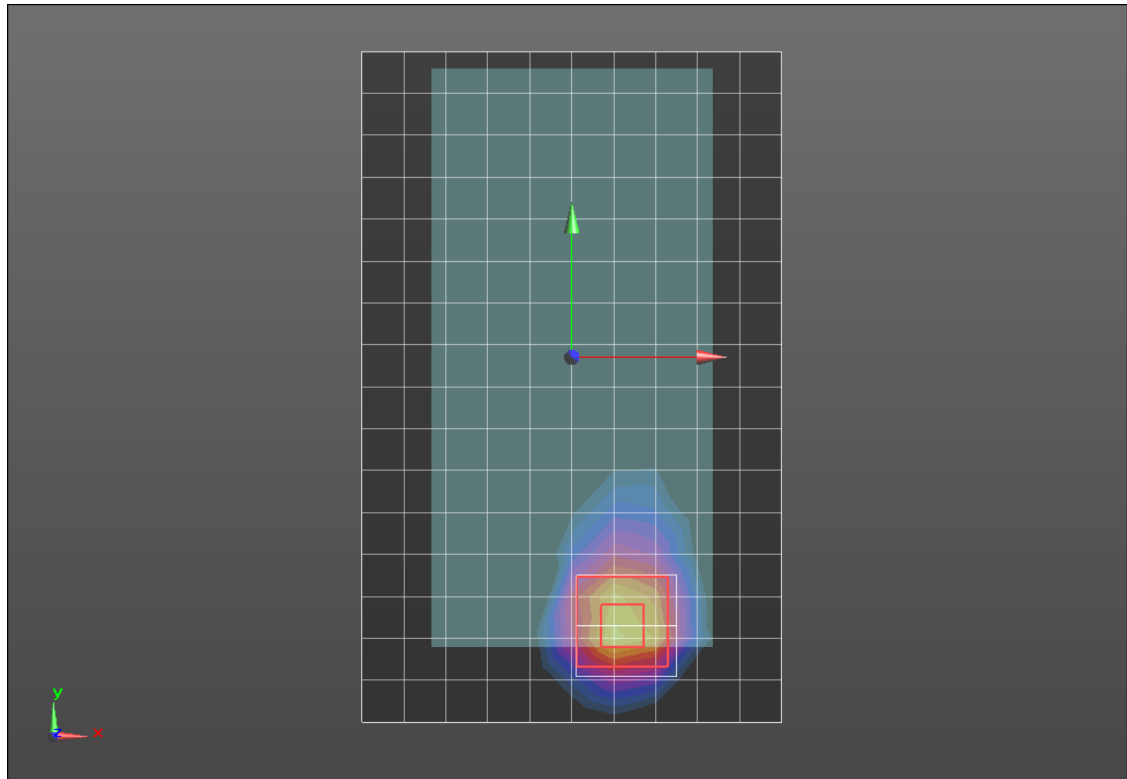
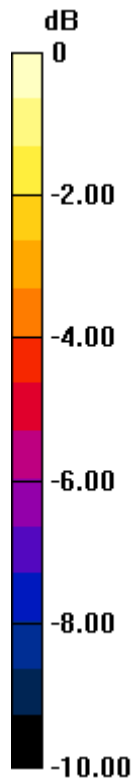
**Front/802.11ac VHT80\_Ch 155/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.058 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.38 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.385 W/kg**

Maximum value of SAR (measured) = 2.54 W/kg



0 dB = 2.54 W/kg = 4.05 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.876$  S/m;  $\epsilon_r = 38.926$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(6.89, 6.89, 6.89); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_GFSK\_ch 39 /Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.219 W/kg

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

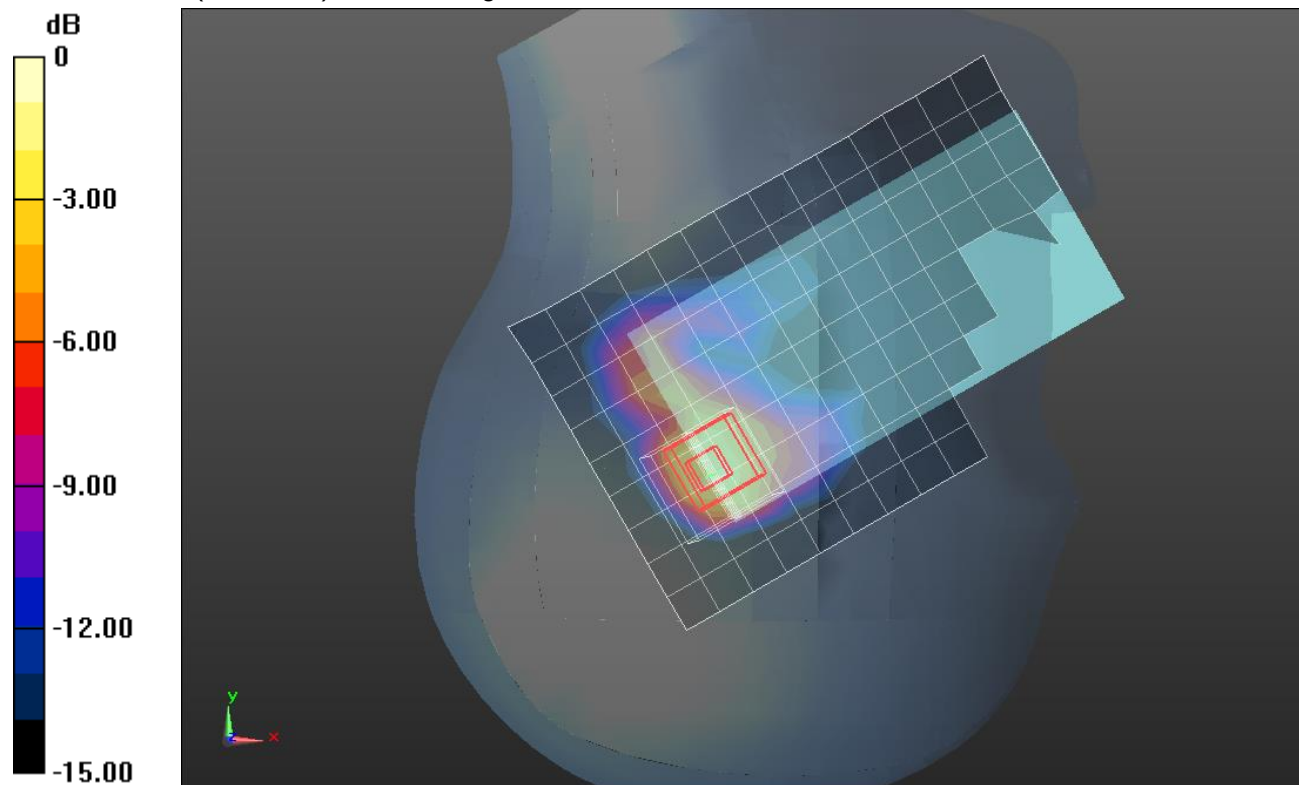
Reference Value = 9.684 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.090 W/kg**

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

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 2.022$  S/m;  $\epsilon_r = 51.785$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/17/2016
- Probe: EX3DV4 - SN3885; ConvF(7.06, 7.06, 7.06); Calibrated: 9/18/2015;
- 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: QDOVA002AA; Serial: 1256

**Front/GFSK\_ch. 39/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**Front/GFSK\_ch. 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.88 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.564 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.084 W/kg**

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

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

**Front/GFSK\_ch. 39/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

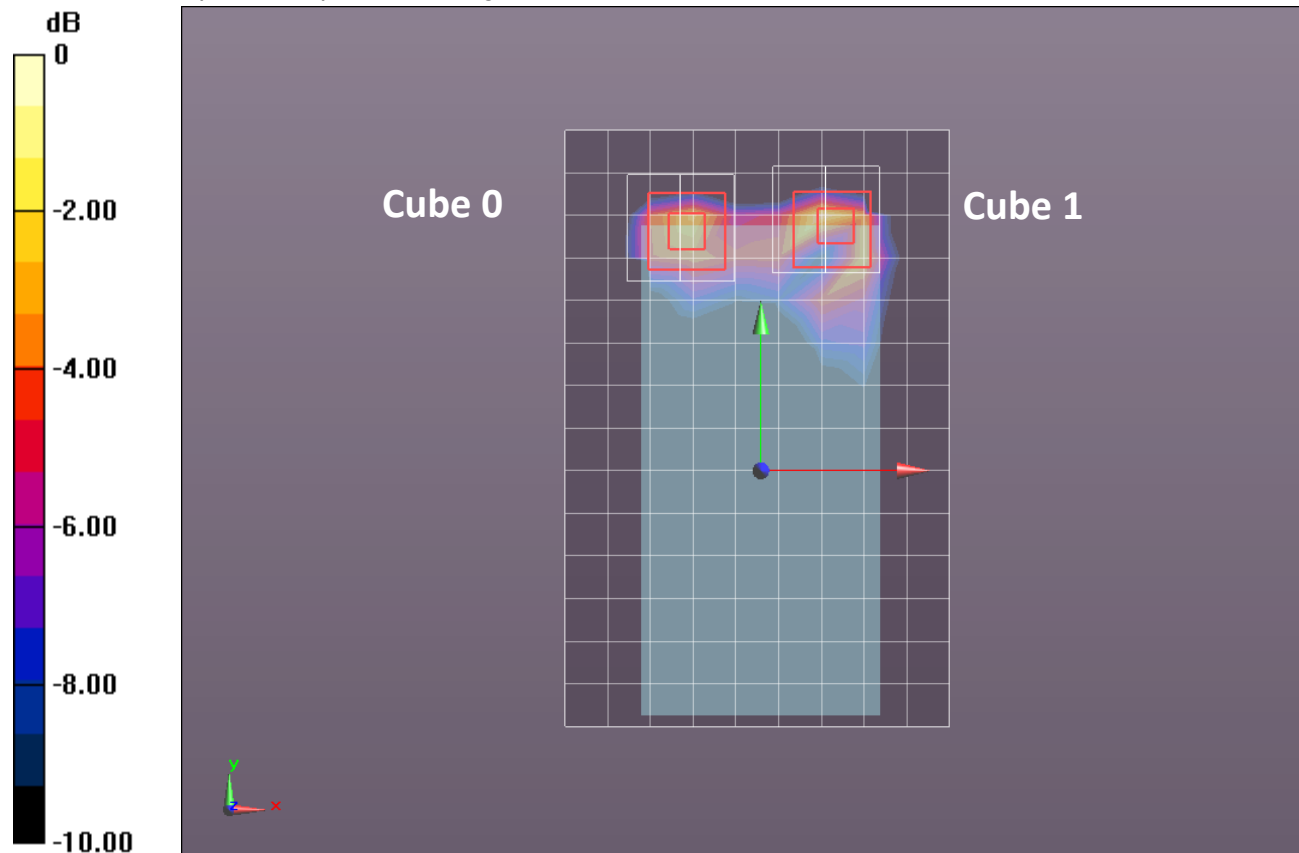
Reference Value = 12.88 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.091 W/kg**

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

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



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

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.841$  S/m;  $\epsilon_r = 39.063$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(7.66, 7.66, 7.66); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Tilt\_GFSK\_ch 39/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.818 W/kg

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

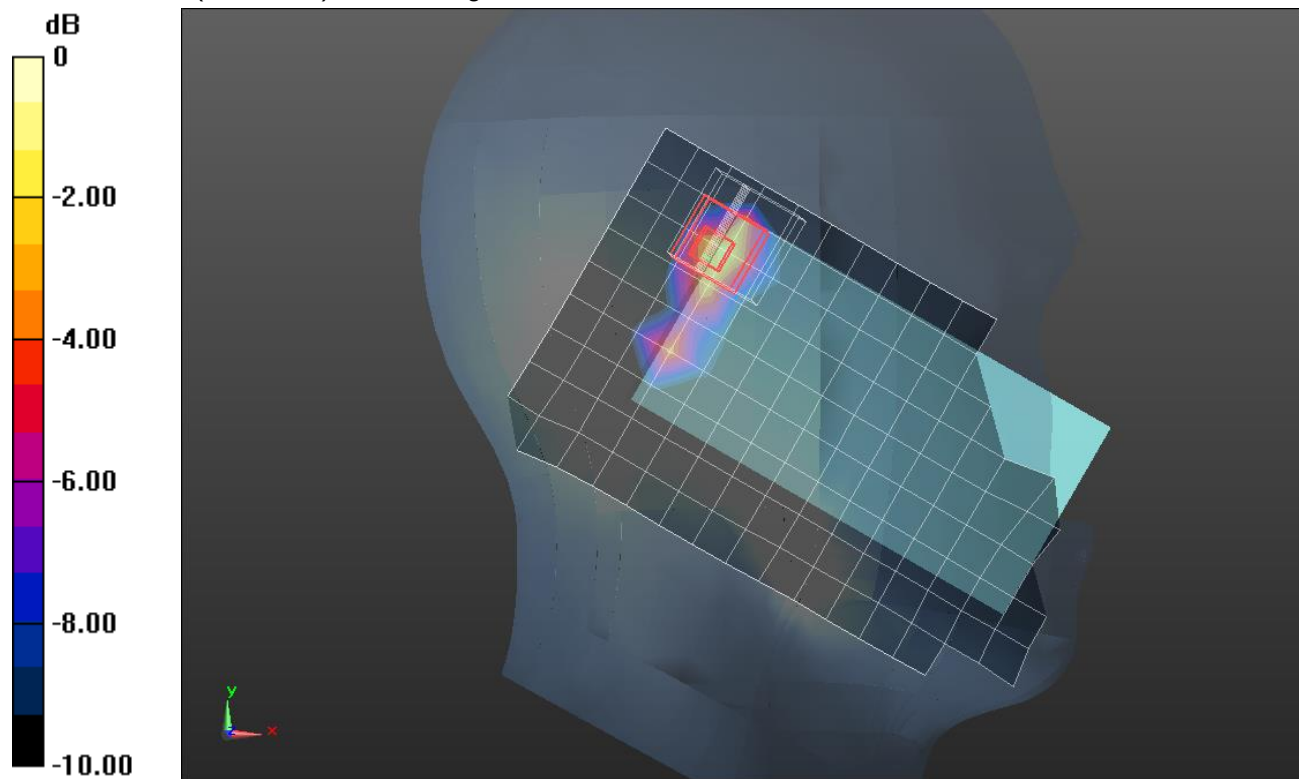
Reference Value = 14.665 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.230 W/kg**

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

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.878$  S/m;  $\epsilon_r = 51.329$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(7.65, 7.65, 7.65); Calibrated: 2/23/2016;
- 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: SM 000 T01 DA; Serial: TP:1247

**Front/GFSK\_ch 39/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.372 W/kg

**Front/GFSK\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.299 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.793 W/kg

**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.121 W/kg**

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

Maximum value of SAR (measured) = 0.498 W/kg

