

## LTE Band 4

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

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.325$  S/m;  $\epsilon_r = 40.624$ ;  $\rho = 1000$  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: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(7.92, 7.92, 7.92); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

**LHS/Touch\_QPSK\_RB 1/99\_ch 20175/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

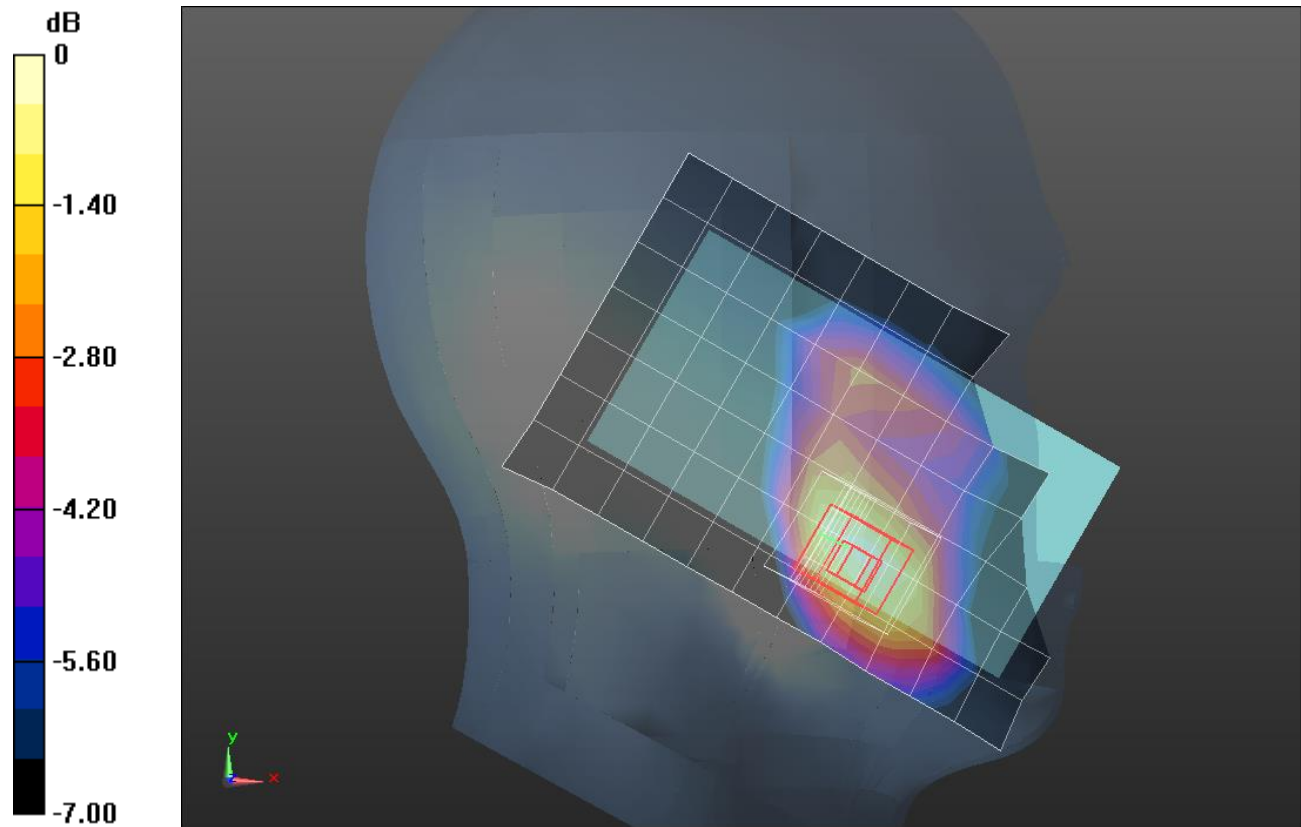
Maximum value of SAR (measured) = 0.408 W/kg

**LHS/Touch\_QPSK\_RB 1/99\_ch 20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.748 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.537 W/kg

**SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.220 W/kg**



0 dB = 0.408 W/kg = -3.89 dBW/kg

## LTE Band 4

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

Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.433 \text{ S/m}$ ;  $\epsilon_r = 52.205$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(7.67, 7.67, 7.67); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

**Rear/QPSK\_RB 1/99\_Ch 20300/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.17 W/kg

**Rear/QPSK\_RB 1/99\_Ch 20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.898 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.509 W/kg**

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

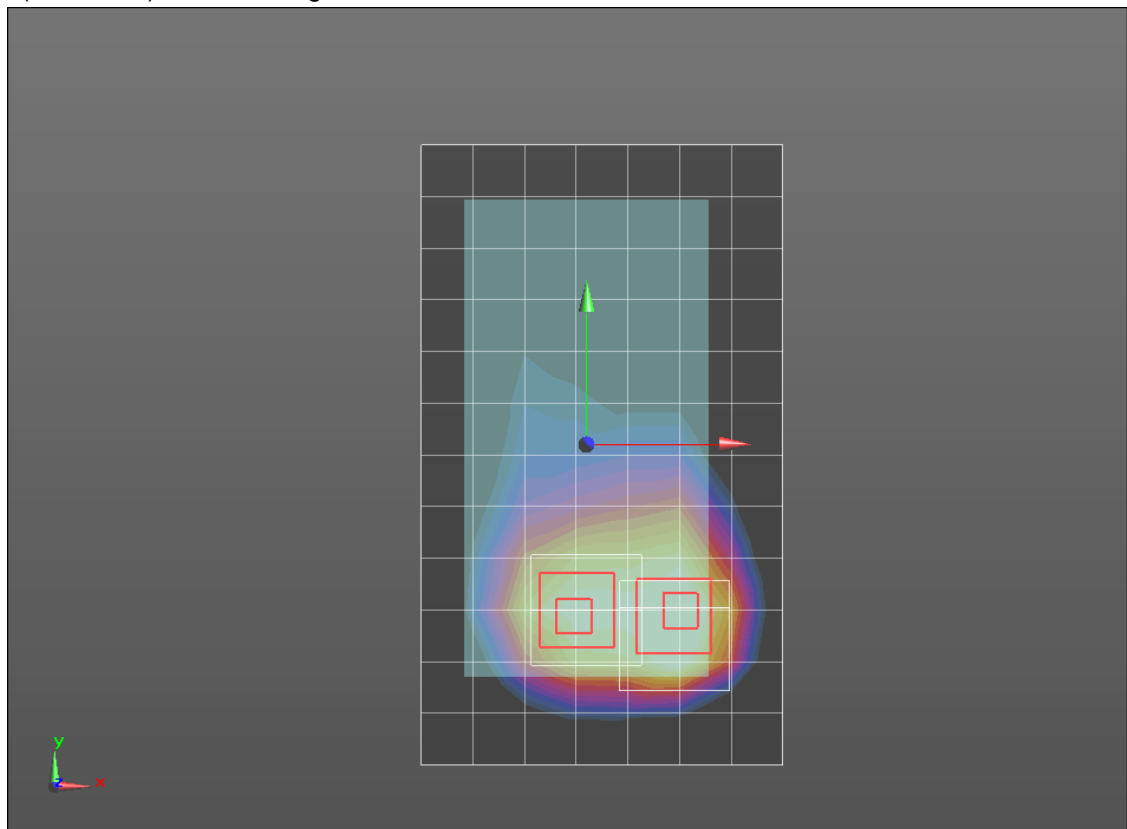
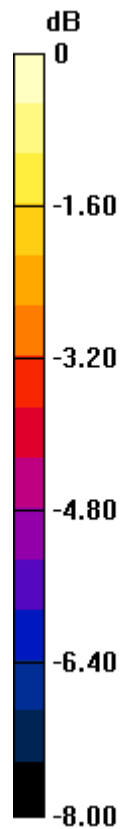
**Rear/QPSK\_RB 1/99\_Ch 20300/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.898 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.460 W/kg**

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



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

## LTE Band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 39.914$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3686; ConvF(9.47, 9.47, 9.47); Calibrated: 3/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK\_RB 1/0\_ch 23230/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.602 W/kg

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

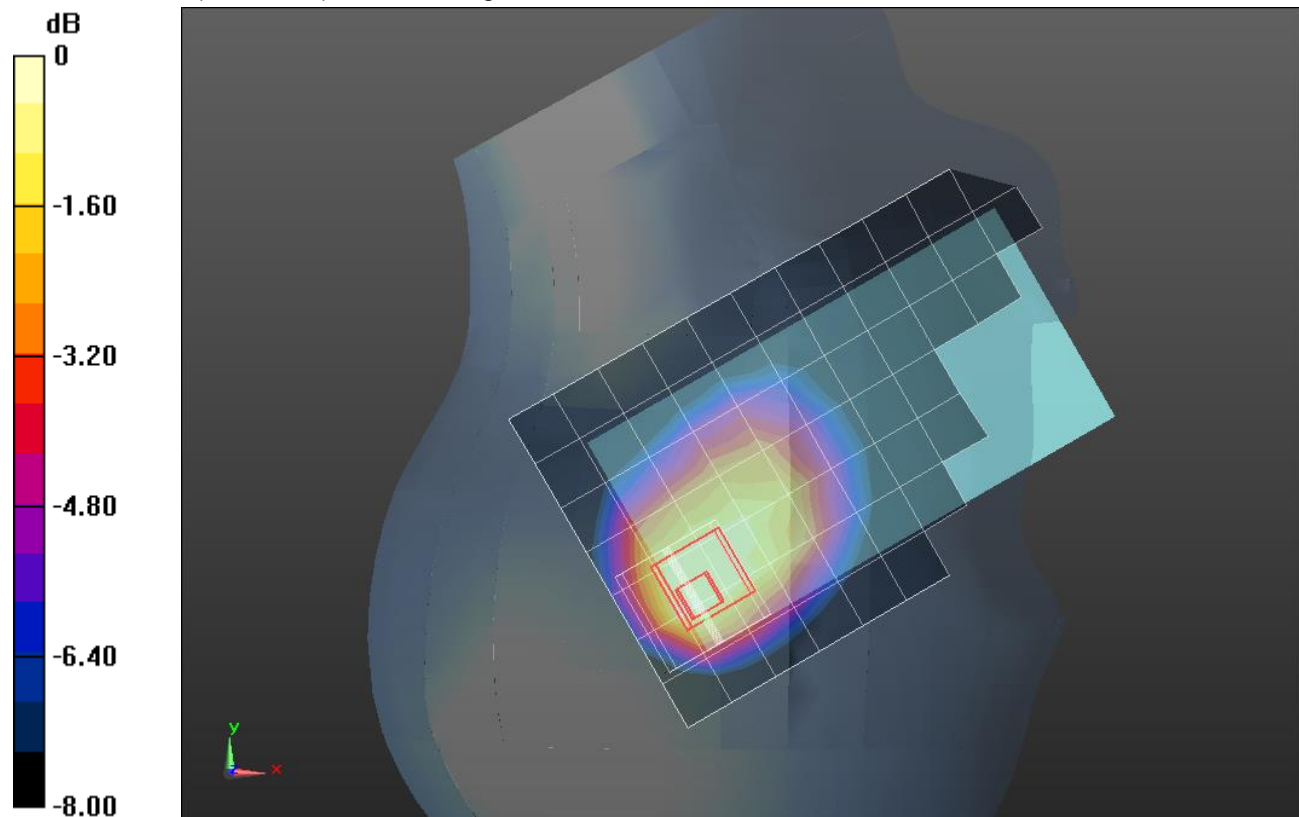
Reference Value = 26.118 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.887 W/kg

**SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.339 W/kg**

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

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



0 dB = 0.643 W/kg = -1.92 dBW/kg

## LTE Band 13

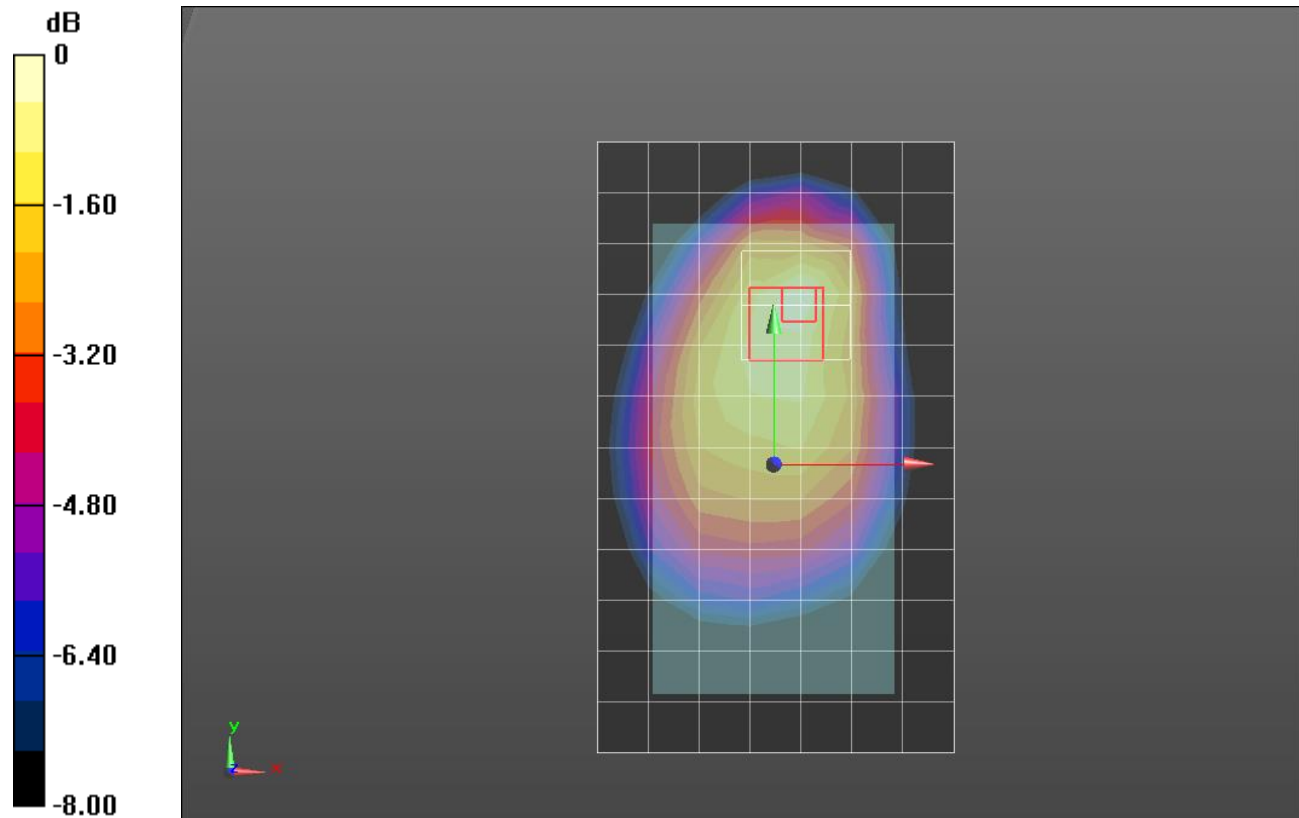
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 1.012 \text{ S/m}$ ;  $\epsilon_r = 54.473$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3686; ConvF(9.2, 9.2, 9.2); Calibrated: 3/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Rear/QPSK\_RB 1/0 \_Ch 23230/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.607 W/kg

**Rear/QPSK\_RB 1/0 \_Ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 24.860 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.743 W/kg  
**SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.342 W/kg**



0 dB = 0.607 W/kg = -2.17 dBW/kg