

## LTE Band 2

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 38.715$ ;  $\rho = 1000$  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: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.52, 7.52, 7.52); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: 1830

**LHS/Touch\_QPSK\_1/49 RB\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.807 W/kg

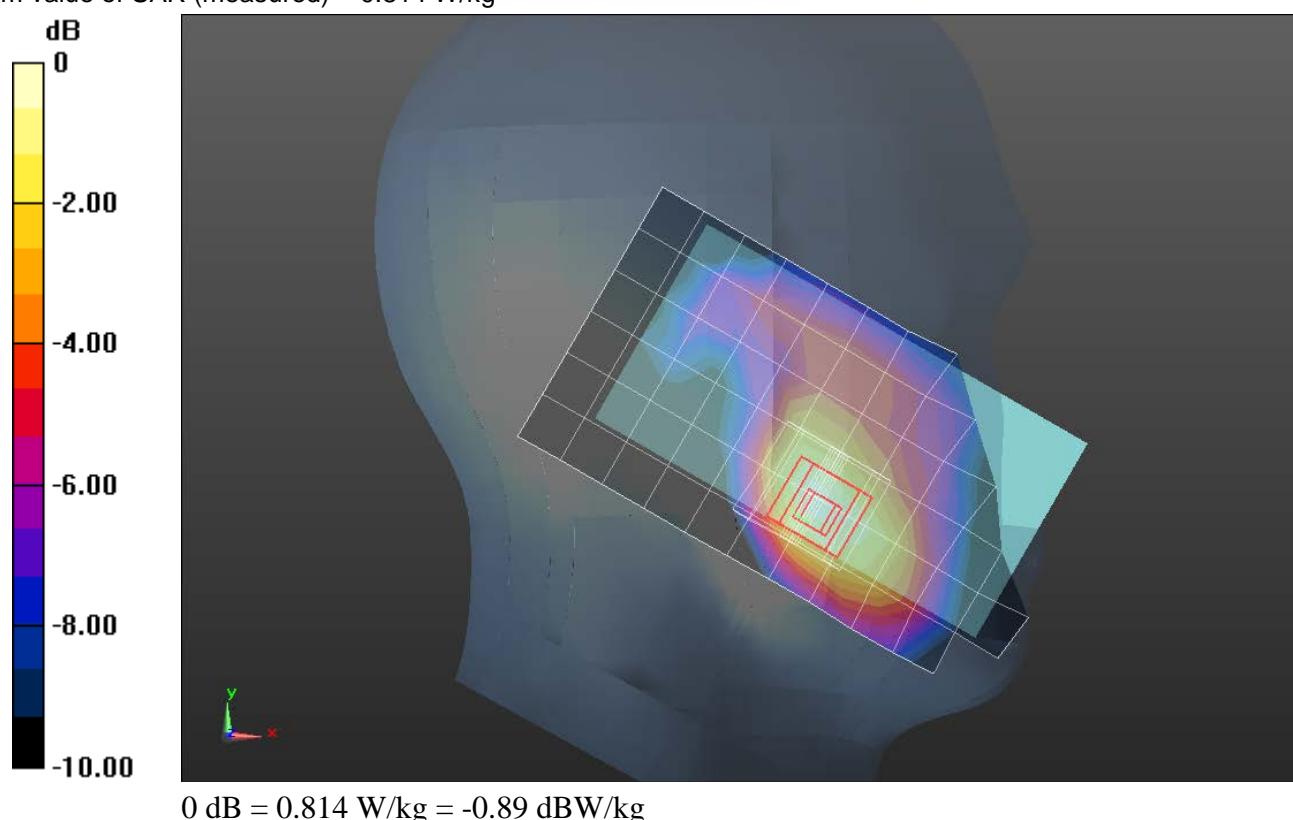
**LHS/Touch\_QPSK\_1/49 RB\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.405 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.424 W/kg**

Maximum value of SAR (measured) = 0.814 W/kg



## LTE Band 2

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.492$  S/m;  $\epsilon_r = 51.269$ ;  $\rho = 1000$  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: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.09, 7.09, 7.09); Calibrated: 3/18/2014;
- 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: SM 000 T01 DA; Serial: TP:1247

**Rear/QPSK\_1/49 RB\_Ch 18700/10mm/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.07 W/kg

**Rear/QPSK\_1/49 RB\_Ch 18700/10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.113 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.611 W/kg**

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



## LTE Band 4

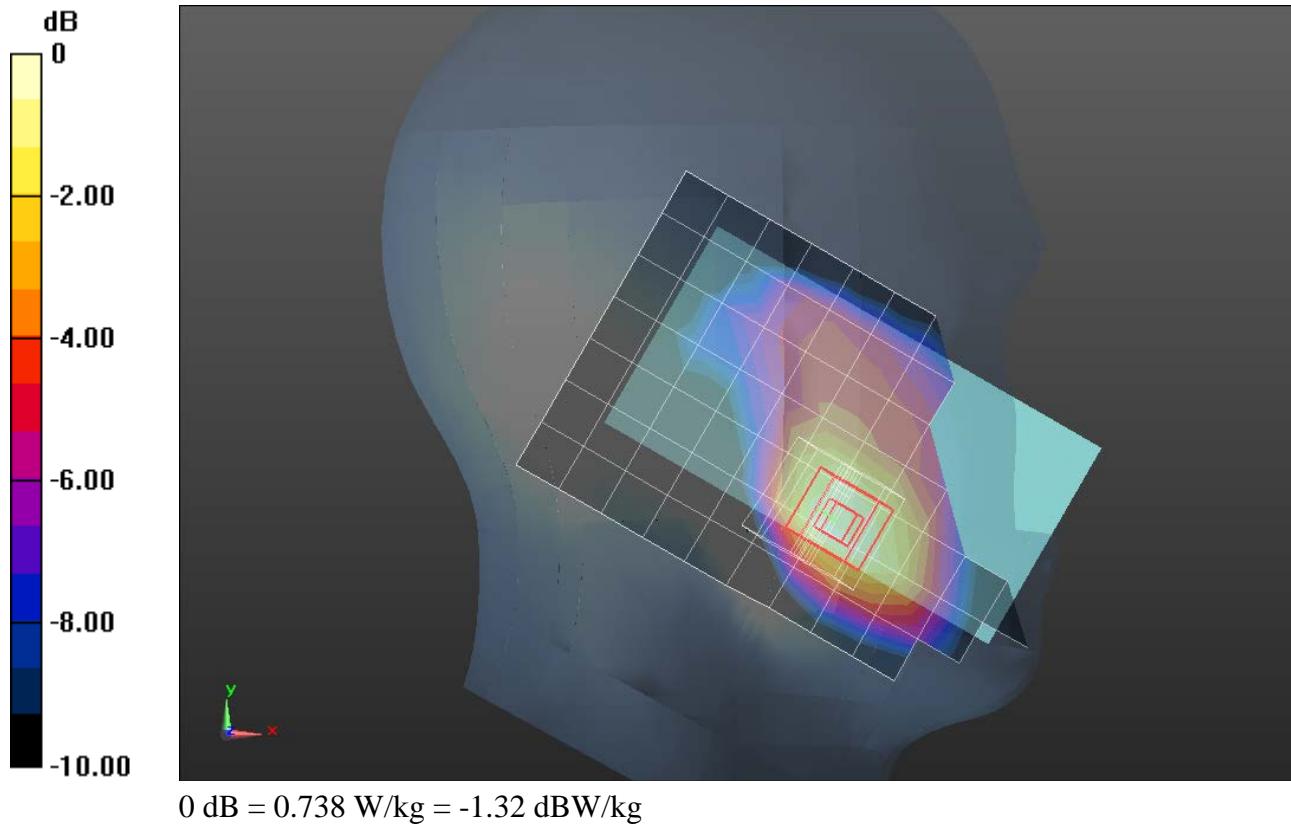
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 39.116$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### 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: 4/15/2014
- Probe: EX3DV4 - SN3936; ConvF(7.84, 7.84, 7.84); Calibrated: 7/24/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CA; Serial: 1185

**LHS/Touch\_QPSK\_1/99 RB\_Ch 20175/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.648 W/kg

**LHS/Touch\_QPSK\_1/99 RB\_Ch 20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 18.355 V/m; Power Drift = 0.02  
 Peak SAR (extrapolated) = 0.920 W/kg  
**SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.372 W/kg**  
 Maximum value of SAR (measured) = 0.738 W/kg



## LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.479$  S/m;  $\epsilon_r = 51.947$ ;  $\rho = 1000$  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: 4/15/2014
- Probe: EX3DV4 - SN3936; ConvF(7.53, 7.53, 7.53); Calibrated: 7/24/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Rear/QPSK\_1/99 RB\_Ch.20175/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.853 W/kg

**Rear/QPSK\_1/99 RB\_Ch.20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.471 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.476 W/kg**

Maximum value of SAR (measured) = 0.944 W/kg

