

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.329$  mho/m;  $\epsilon_r = 41.014$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.259 mW/g

**Left Touch 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

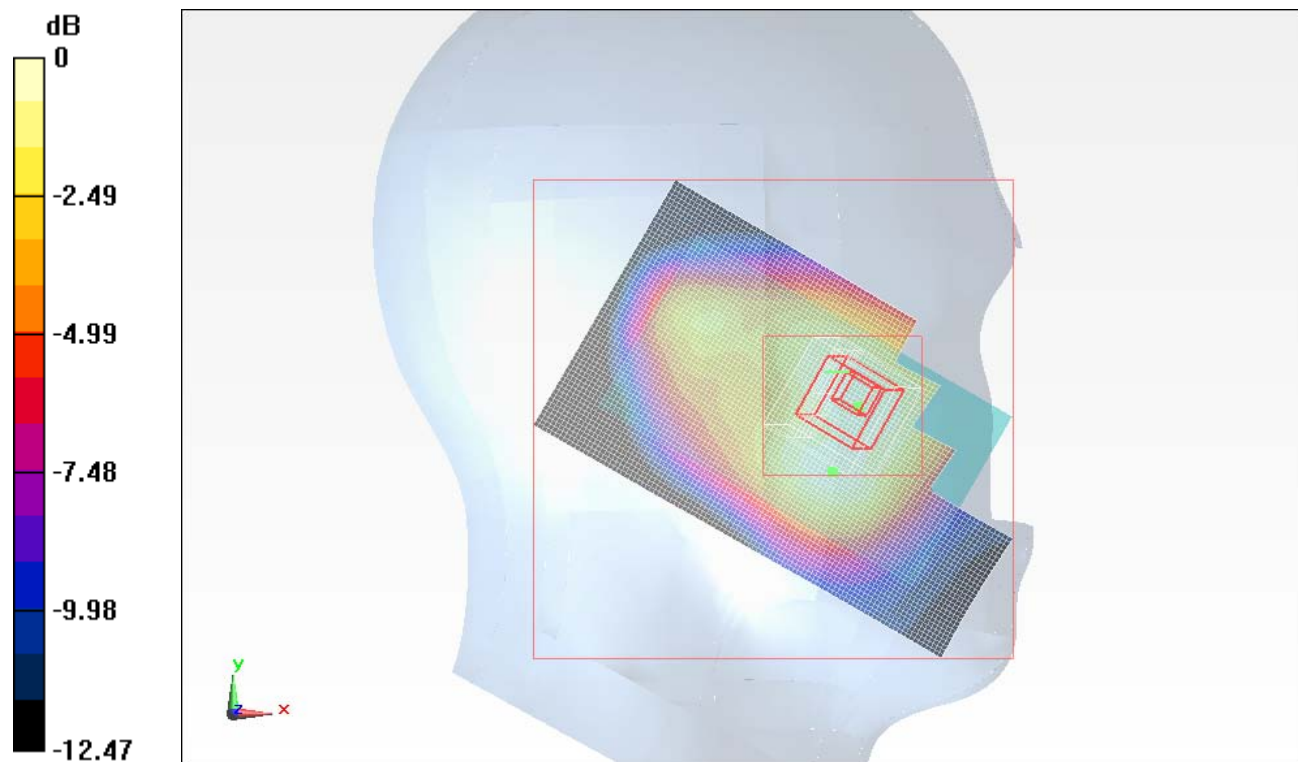
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.890 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.147 mW/g**

Maximum value of SAR (measured) = 0.260 mW/g



0 dB = 0.260mW/g

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## LTE Band 2\_1.4M\_LHS

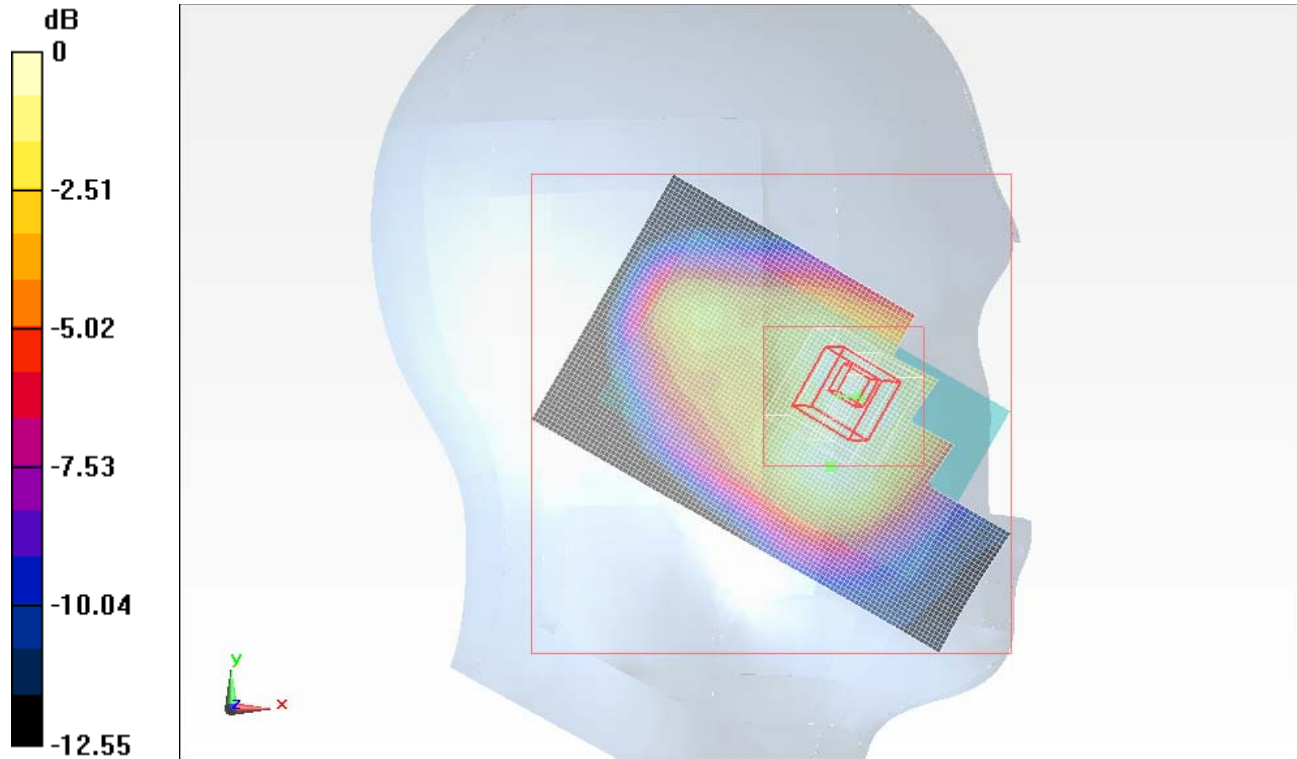
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.329$  mho/m;  $\epsilon_r = 41.014$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C  
 DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.267 mW/g

**Left Touch 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 14.061 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.336 W/kg  
**SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.149 mW/g**  
 Maximum value of SAR (measured) = 0.265 mW/g



0 dB = 0.270mW/g

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## LTE Band 2\_1.4M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.329$  mho/m;  $\epsilon_r = 41.014$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.261 mW/g

**Left Touch 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

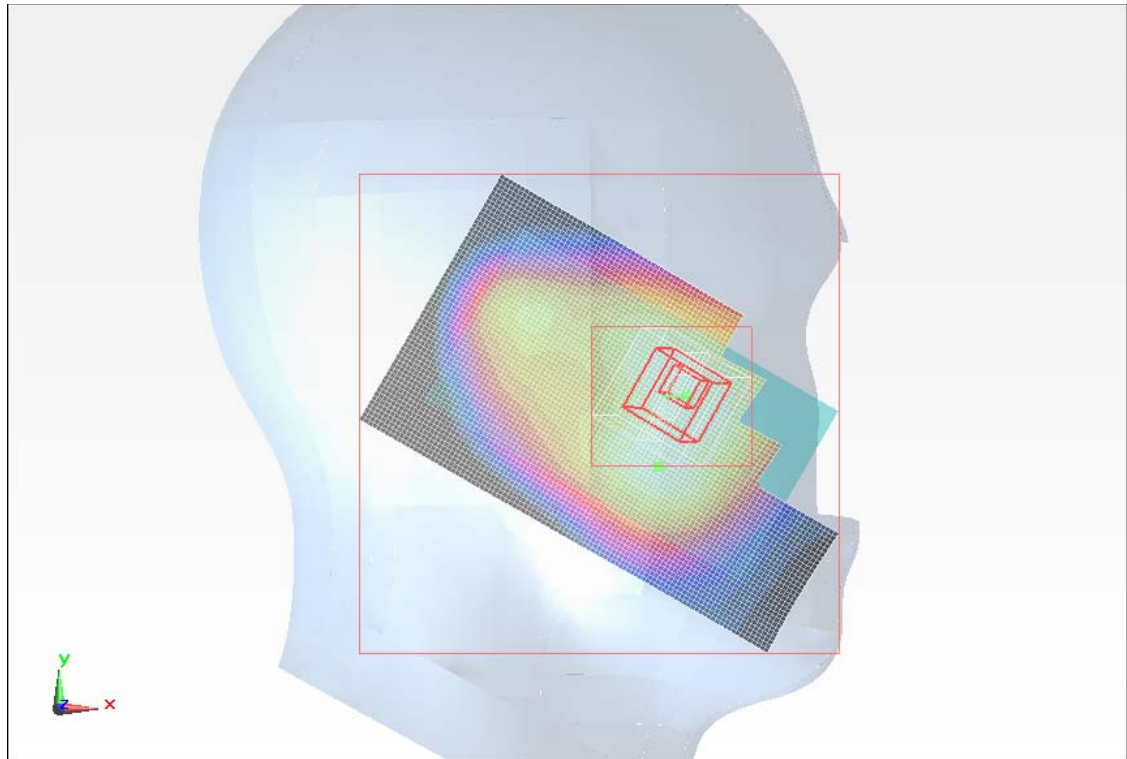
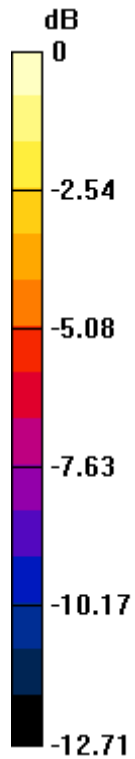
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.936 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.328 W/kg

**SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.146 mW/g**

Maximum value of SAR (measured) = 0.261 mW/g



0 dB = 0.260mW/g

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## LTE Band 2\_1.4M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.329$  mho/m;  $\epsilon_r = 41.014$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.254 mW/g

**Left Touch 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

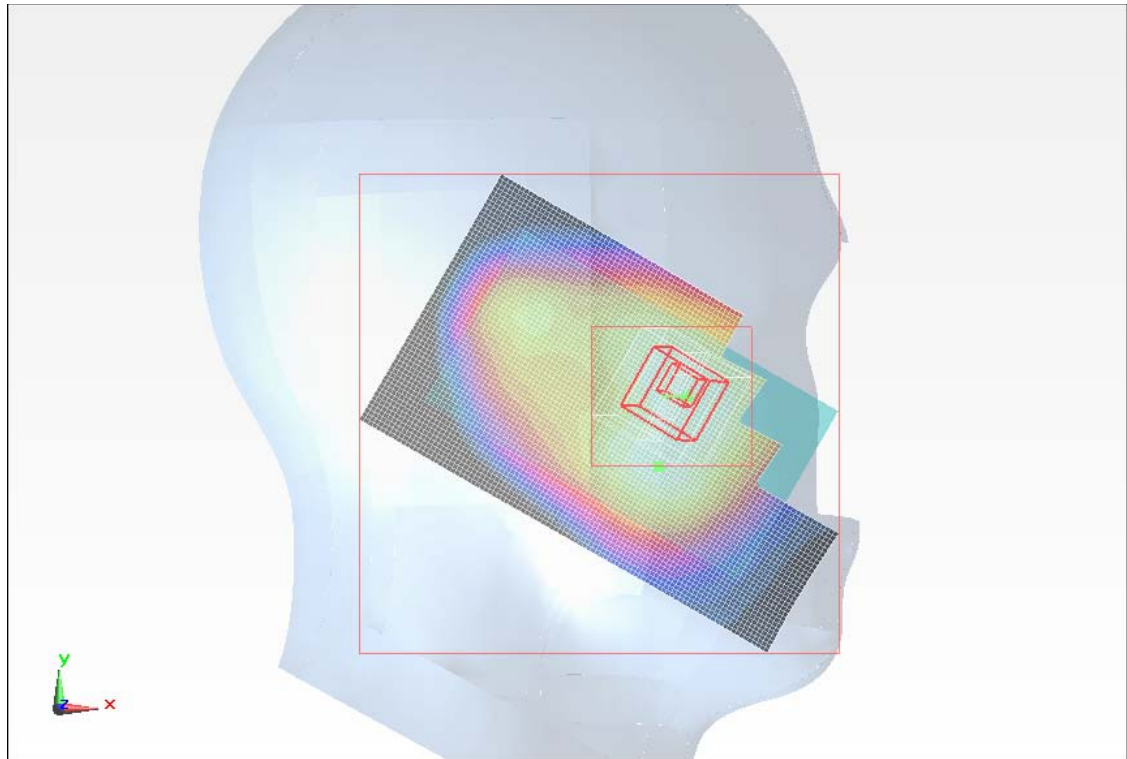
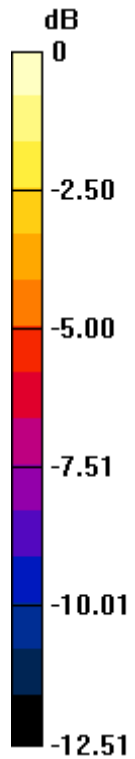
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.768 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.254 mW/g



0 dB = 0.250mW/g

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**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 mW/g

**Left Touch 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

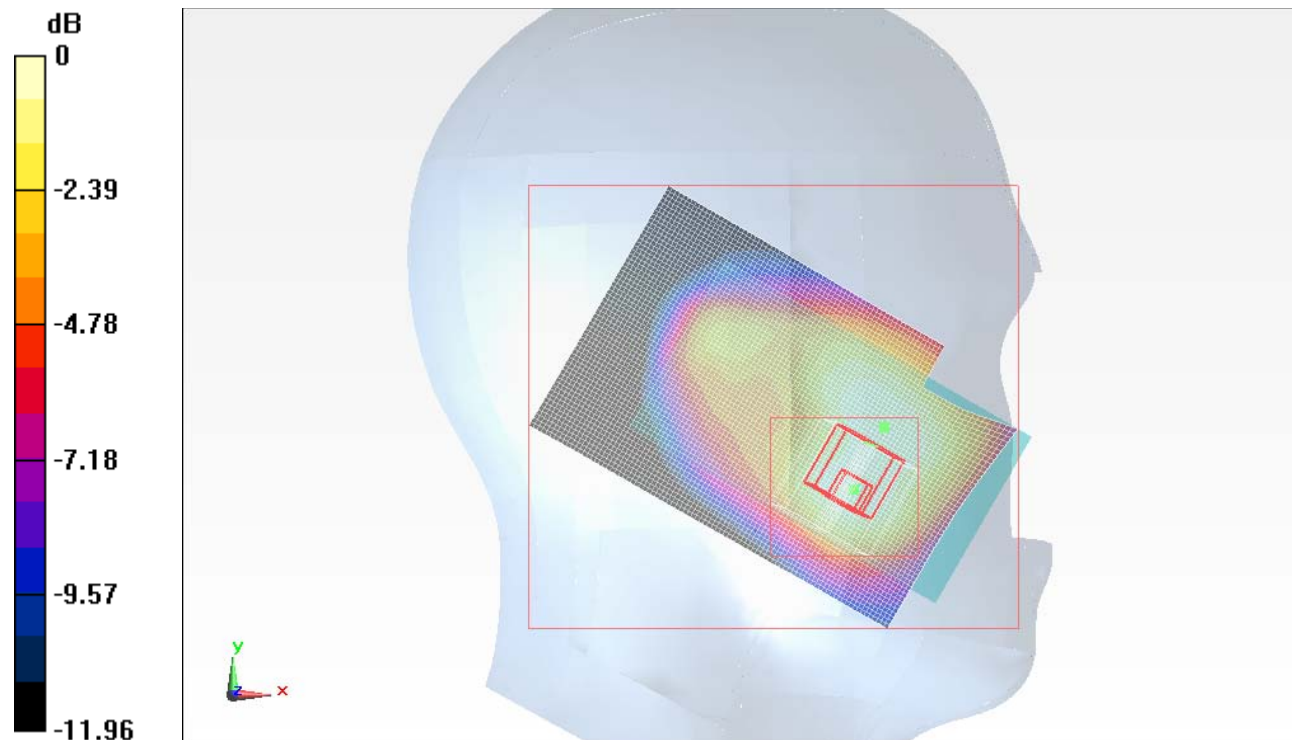
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.929 V/m; Power Drift = 0.0087 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.266 mW/g



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.299 mW/g

**Left Touch 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

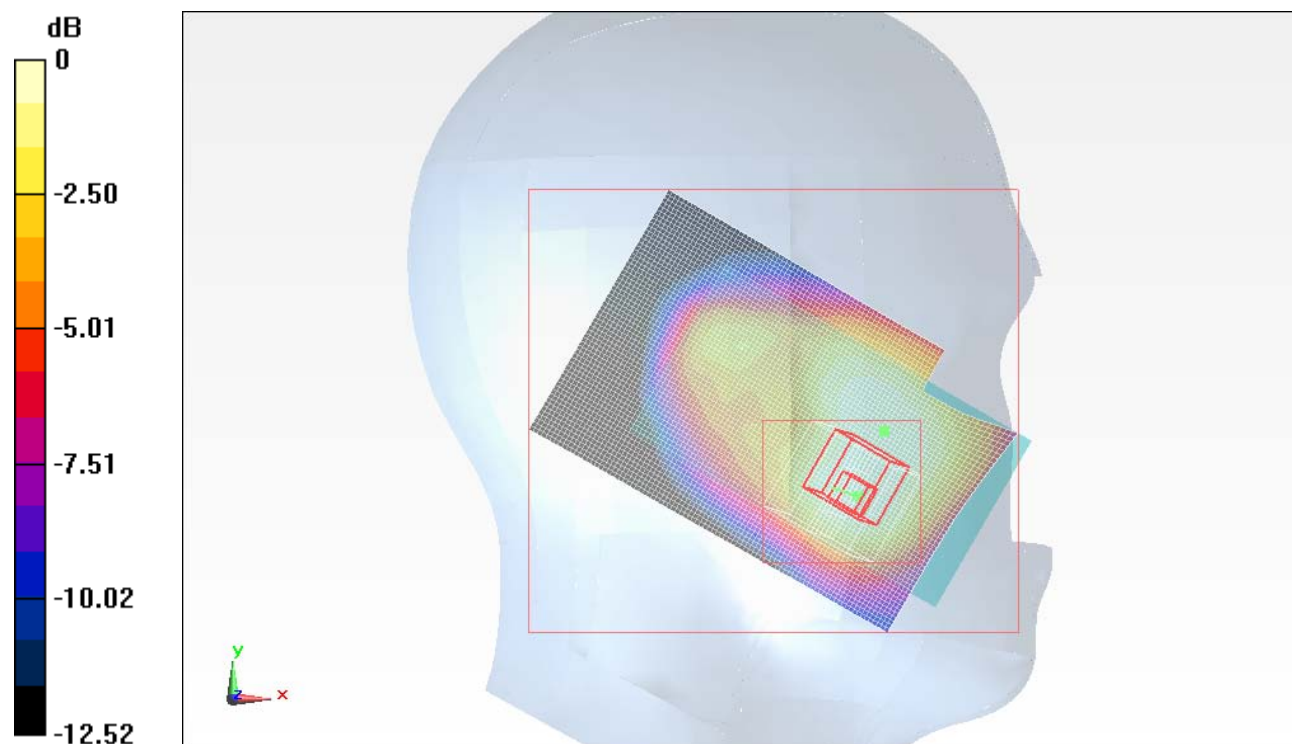
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.124 V/m; Power Drift = -0.0093 dB

Peak SAR (extrapolated) = 0.329 W/kg

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 0.269 mW/g



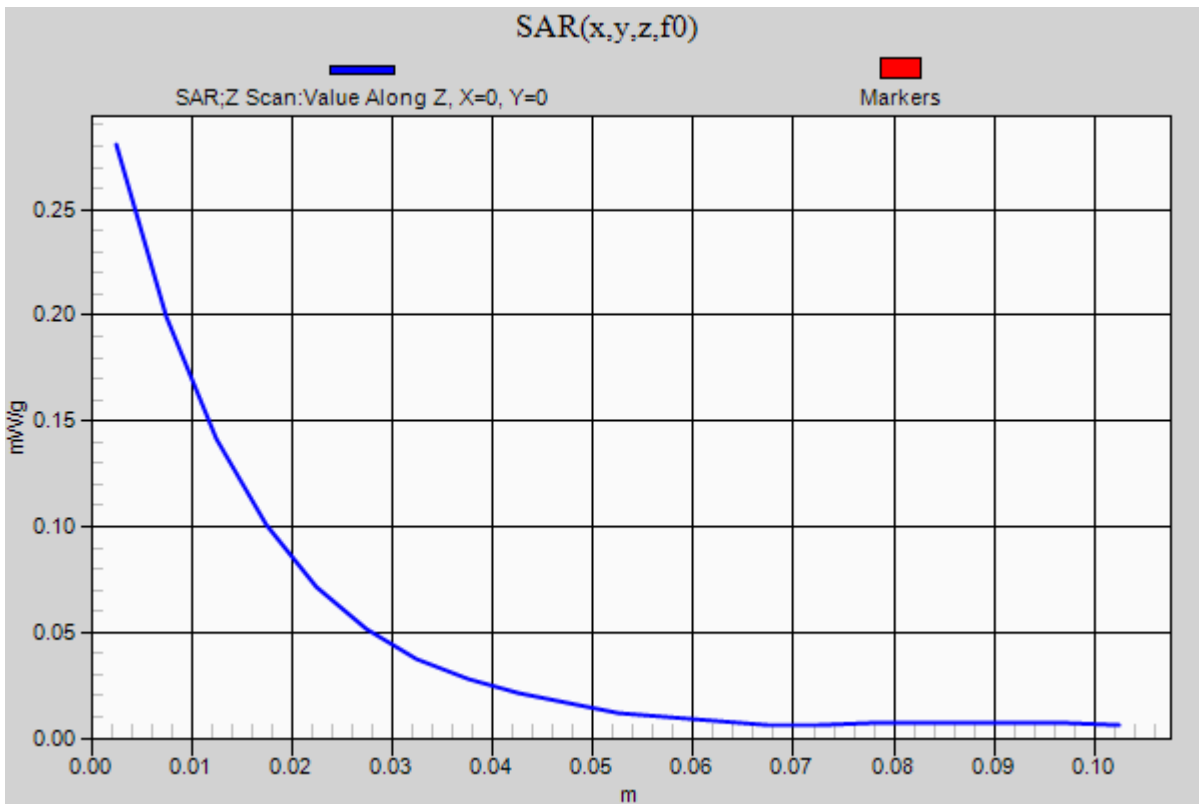
0 dB = 0.270mW/g

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### LTE Band 2\_1.4M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

**Left Touch 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.281 mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Touch 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

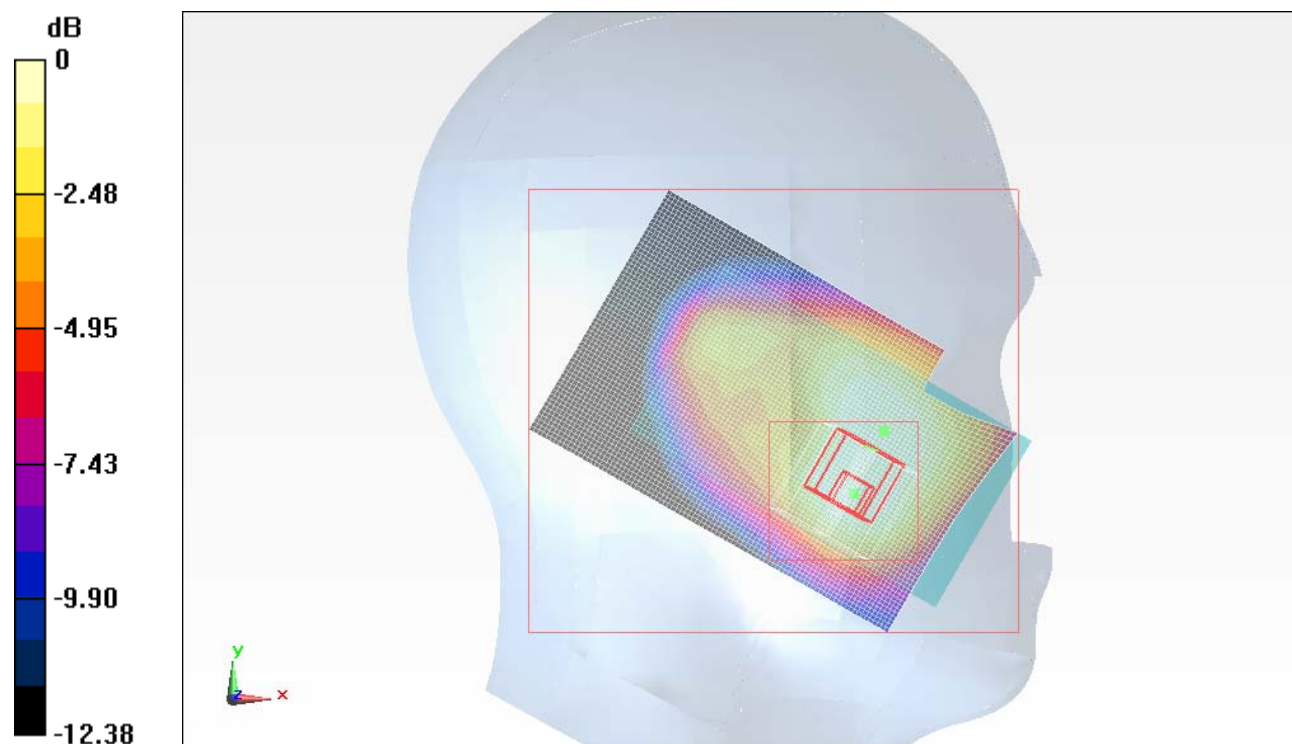
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.001 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.161 mW/g**

Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.270mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.289 mW/g

**Left Touch 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

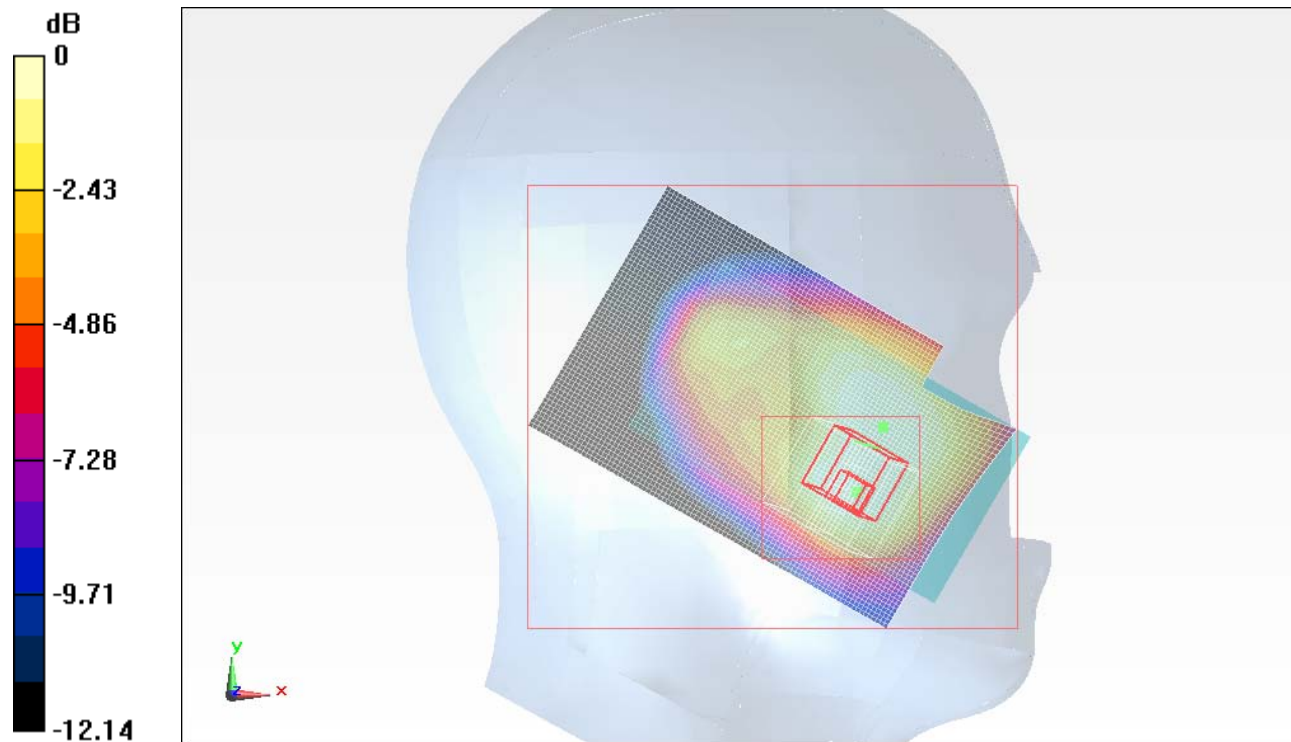
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.758 V/m; Power Drift = -0.0088 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.262 mW/g



0 dB = 0.260mW/g

Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_1.4M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 mW/g

**Left Tilt 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

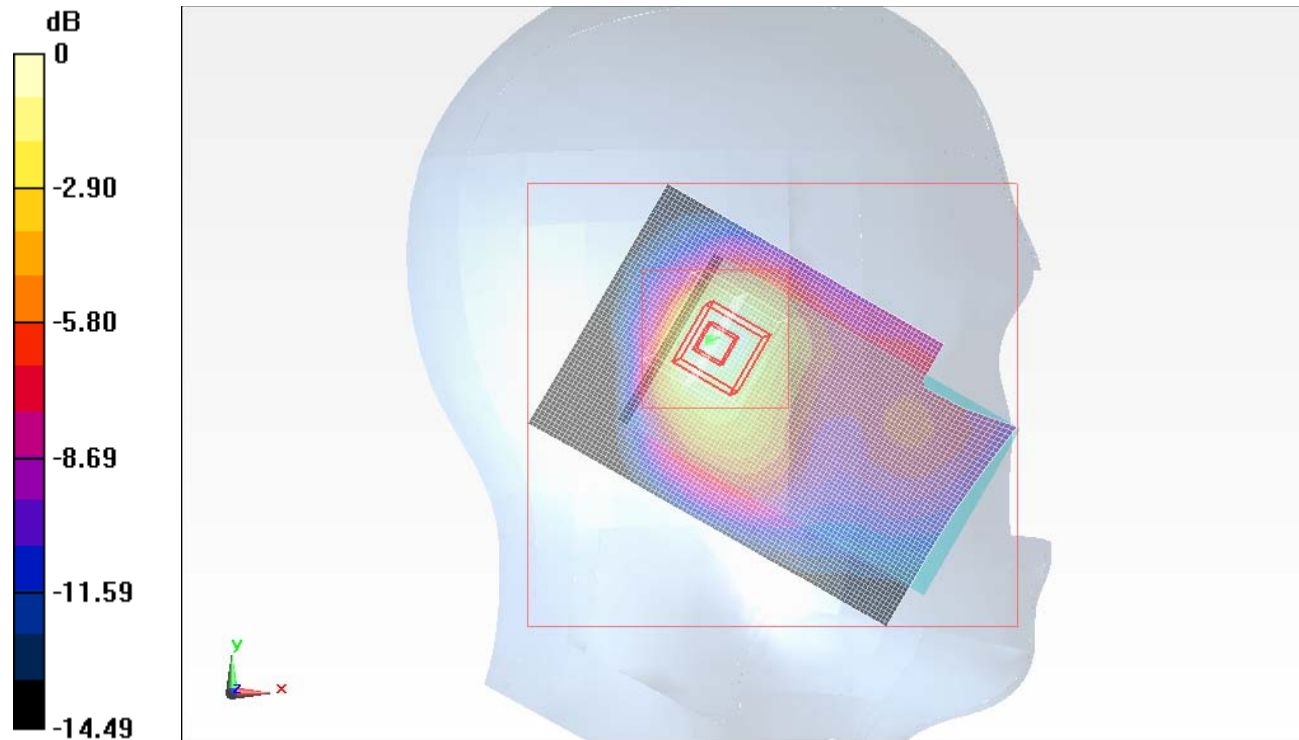
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.906 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.277 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_1.4M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.307 mW/g

**Left Tilt 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

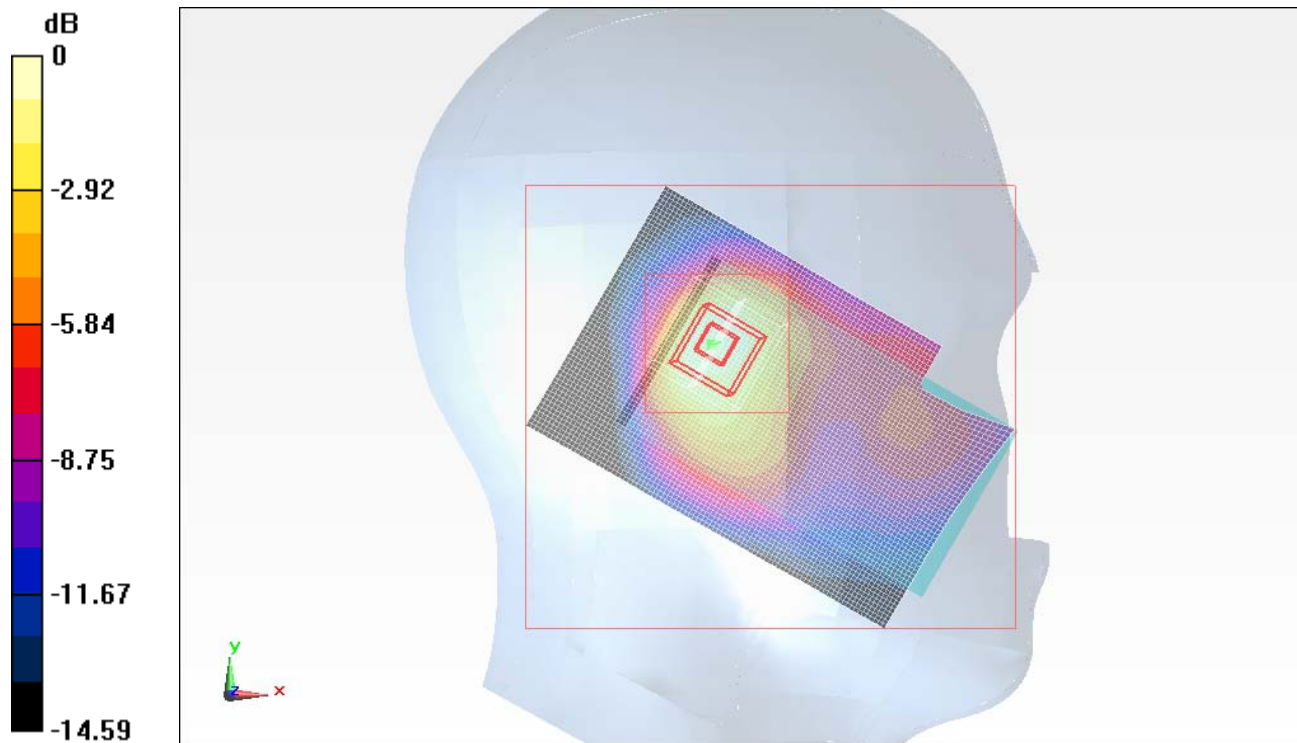
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.039 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.302 mW/g

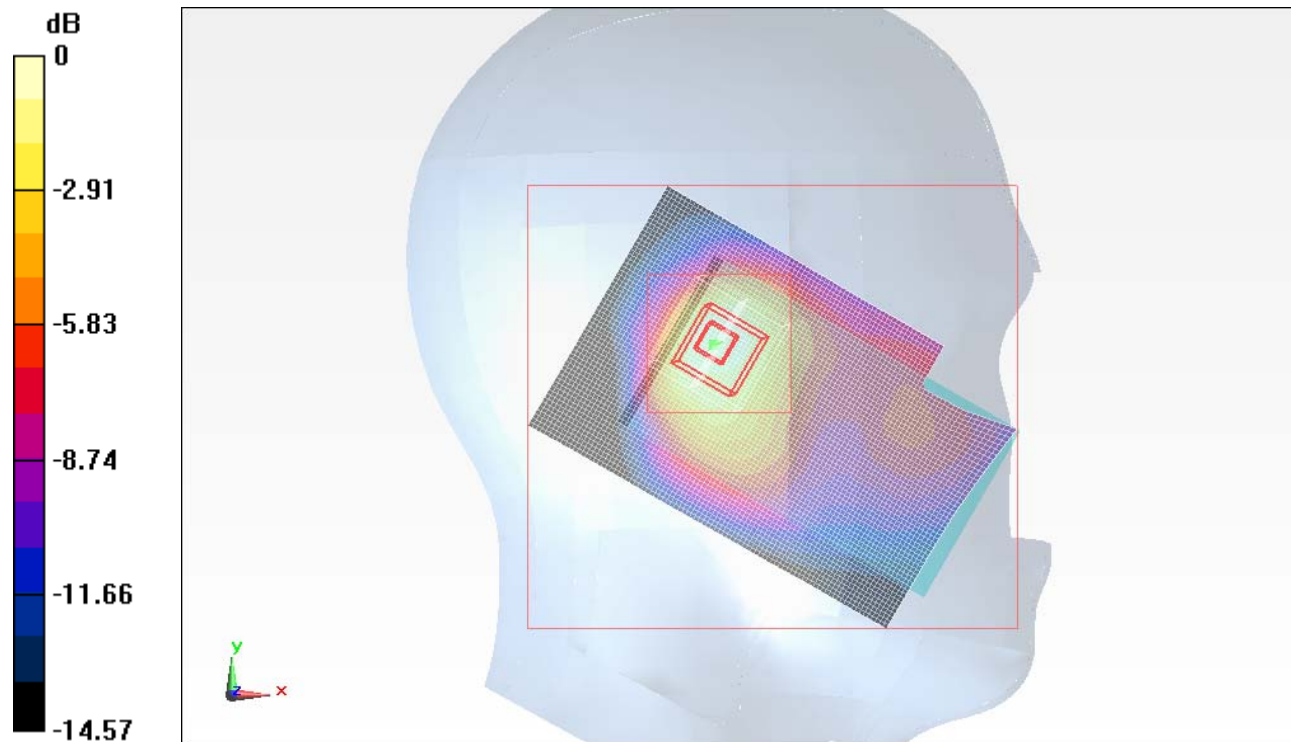
**Left Tilt 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.941 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.356 W/kg

**SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.277 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.292 mW/g

**Left Tilt 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

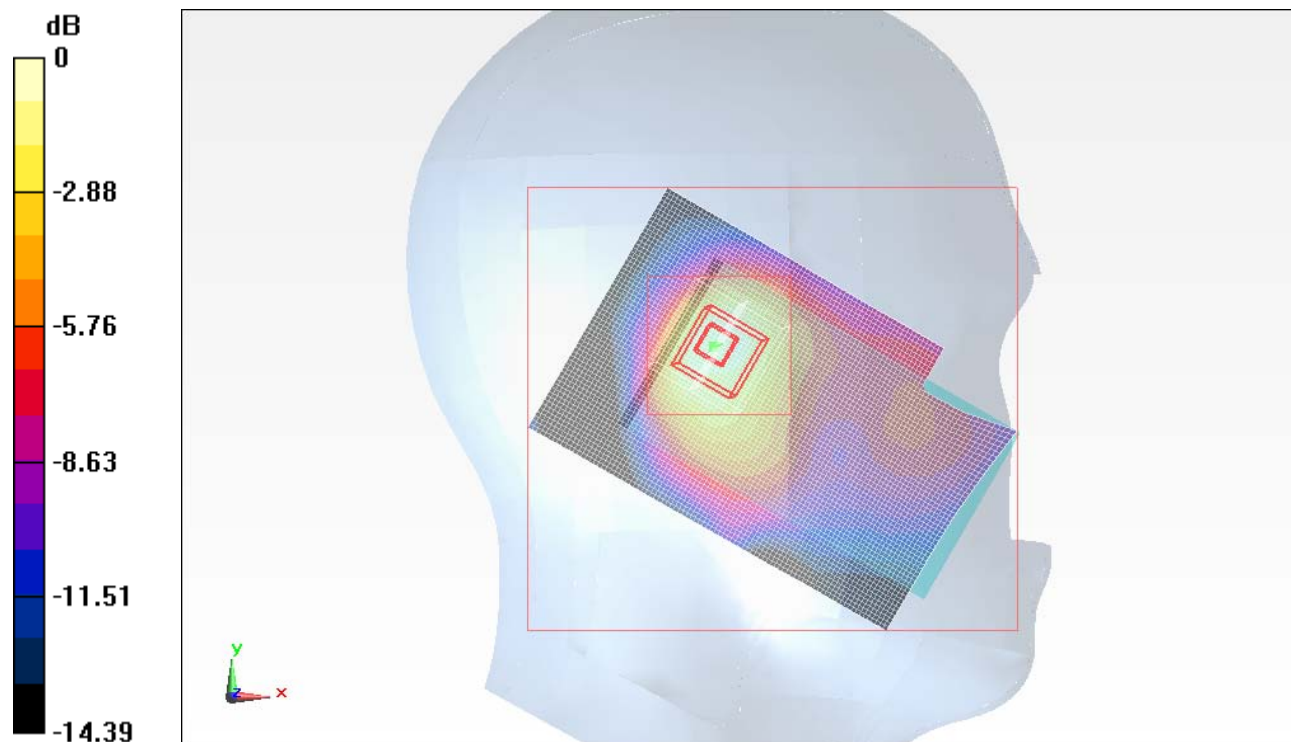
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.750 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.342 W/kg

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.129 mW/g**

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



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.292 mW/g

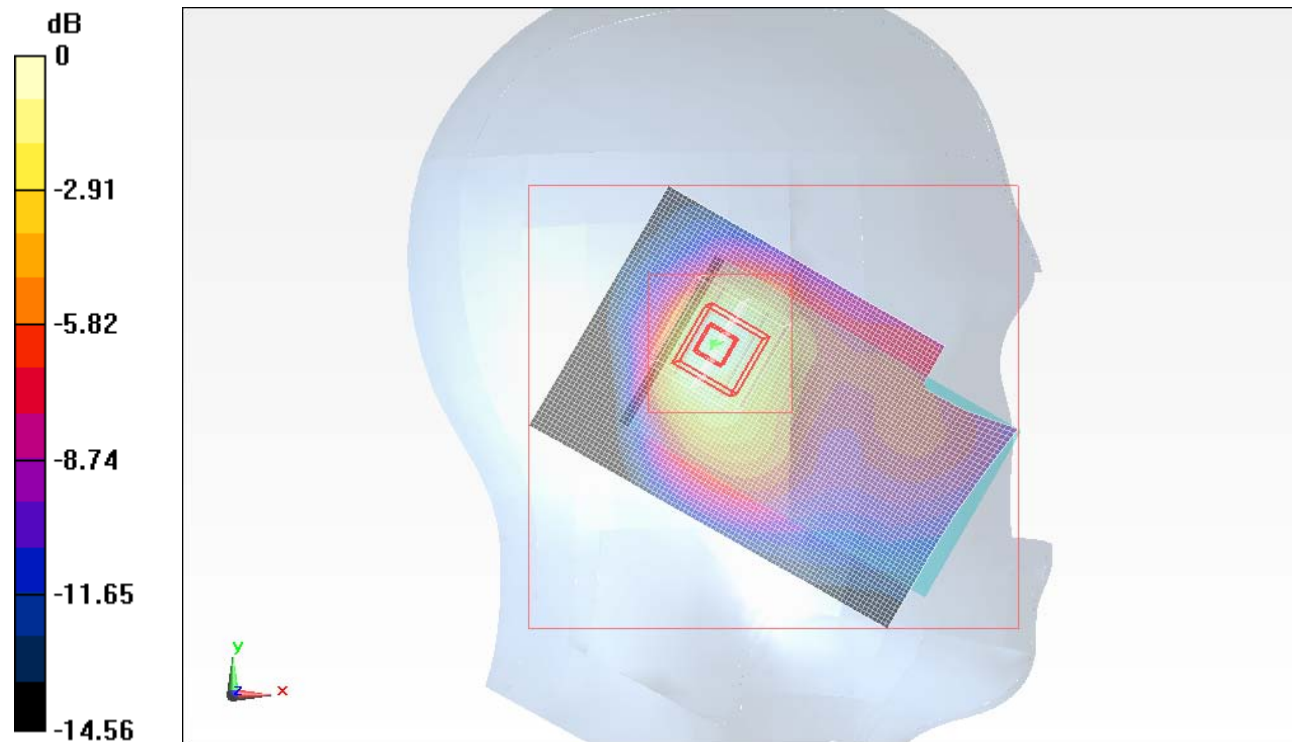
**Left Tilt 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.617 V/m; Power Drift = -0.0082 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.129 mW/g**

Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Tilt 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

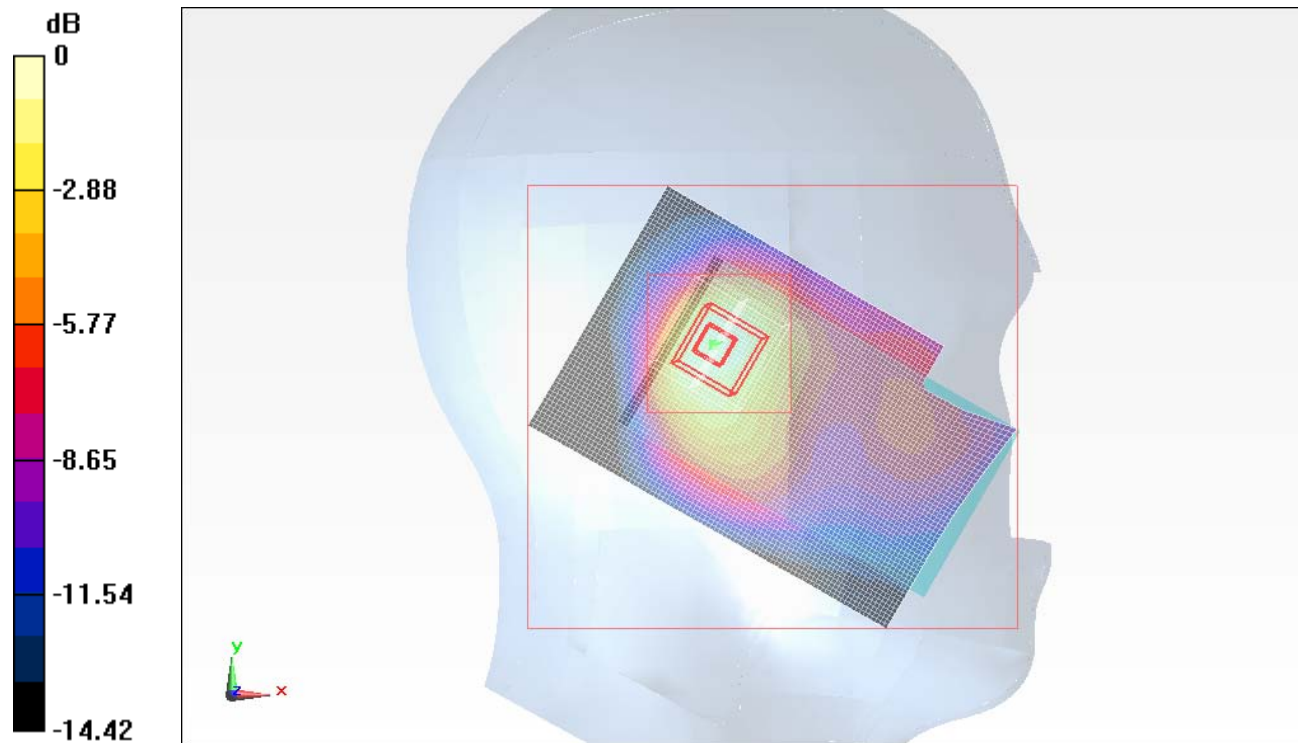
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.675 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.129 mW/g**

Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Touch 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

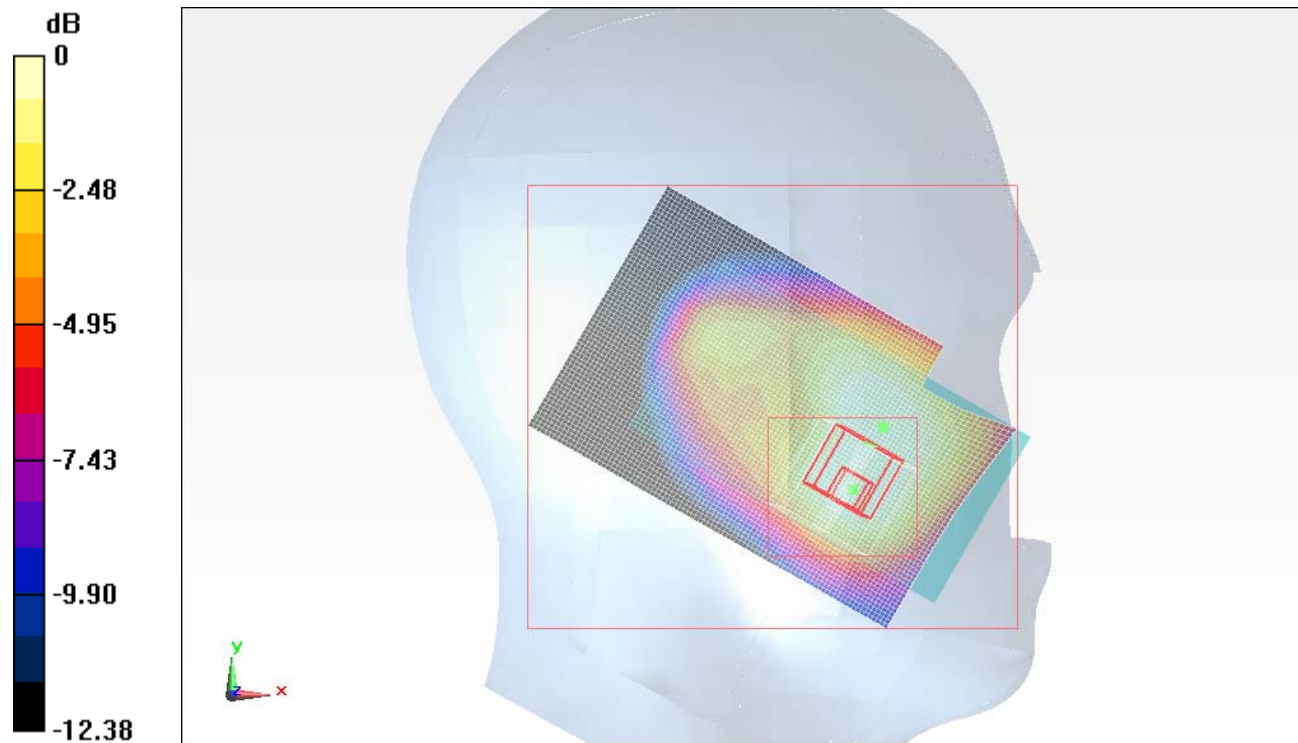
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.001 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.161 mW/g**

Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.270mW/g



Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_1.4M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.292 mW/g

**Left Tilt 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

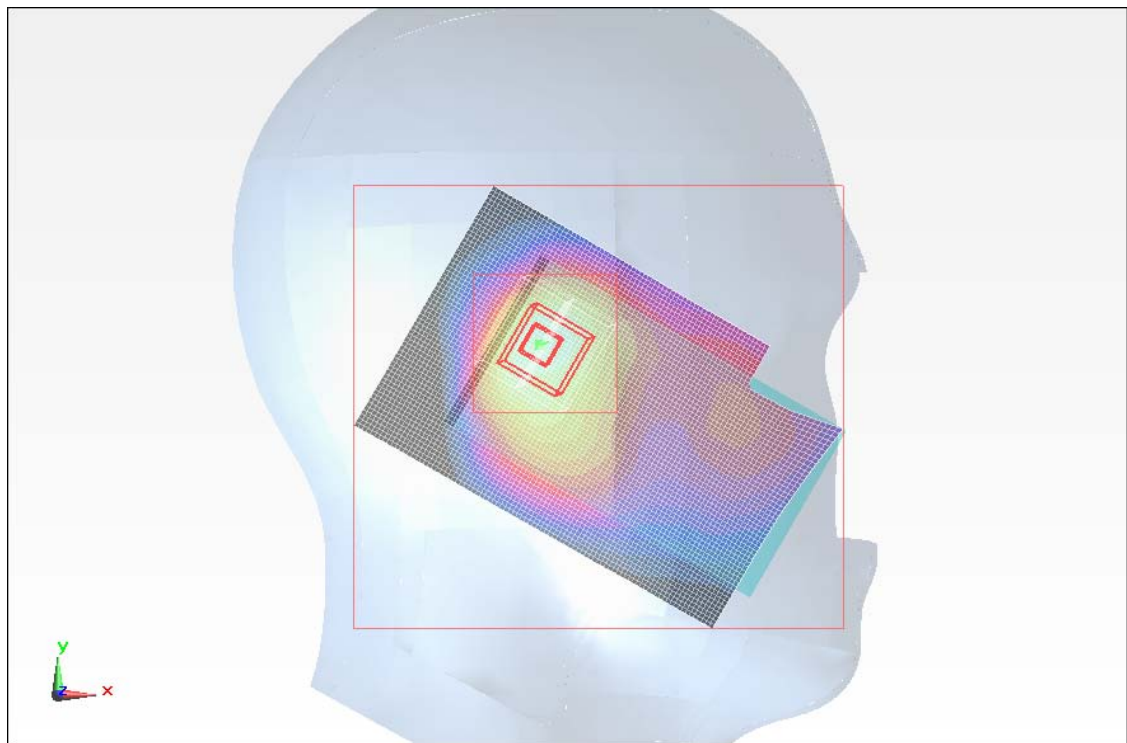
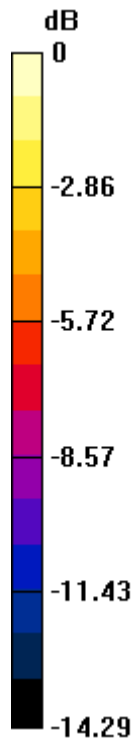
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.588 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.128 mW/g**

Maximum value of SAR (measured) = 0.269 mW/g



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.280 mW/g

**Left Touch 3MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

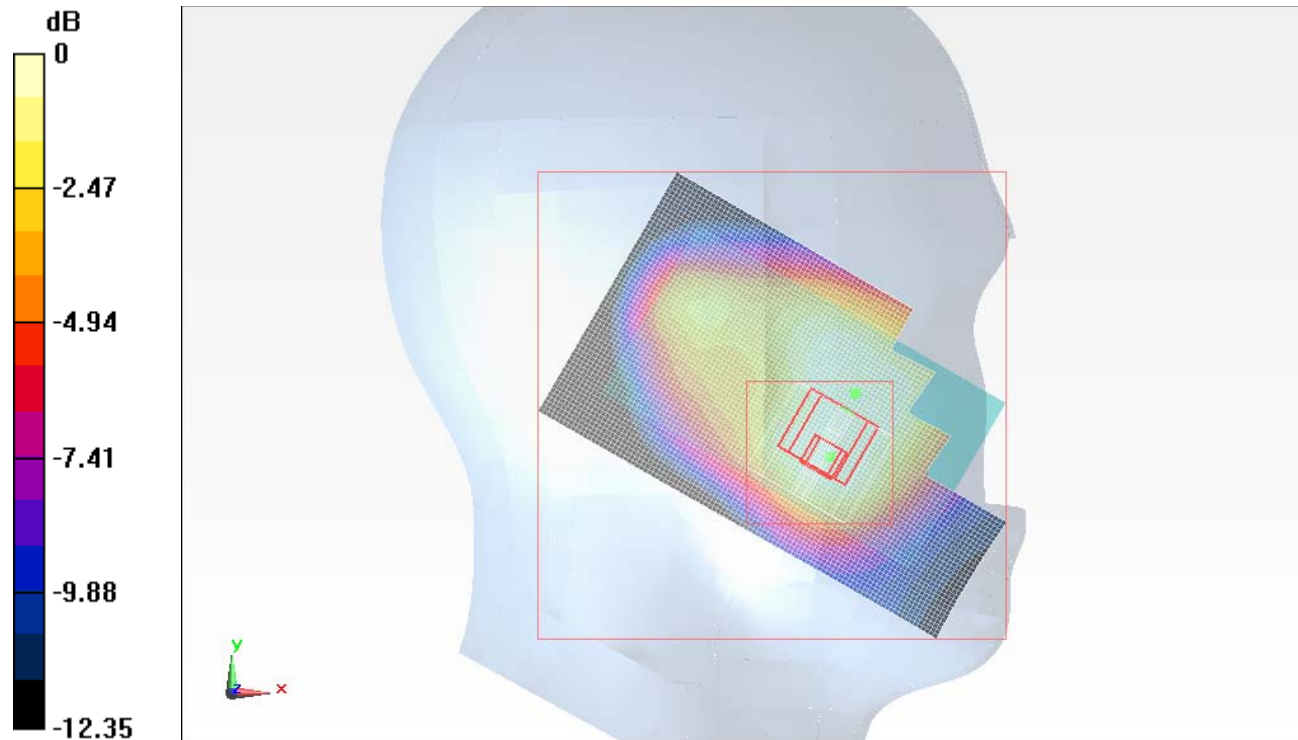
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.802 V/m; Power Drift = 0.0097 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.150 mW/g**

Maximum value of SAR (measured) = 0.254 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/QPSK\_#RB1\_RB14\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm,  
 dy=15mm

Maximum value of SAR (interpolated) = 0.280 mW/g

**Left Touch 3MHz/QPSK\_#RB1\_RB14\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

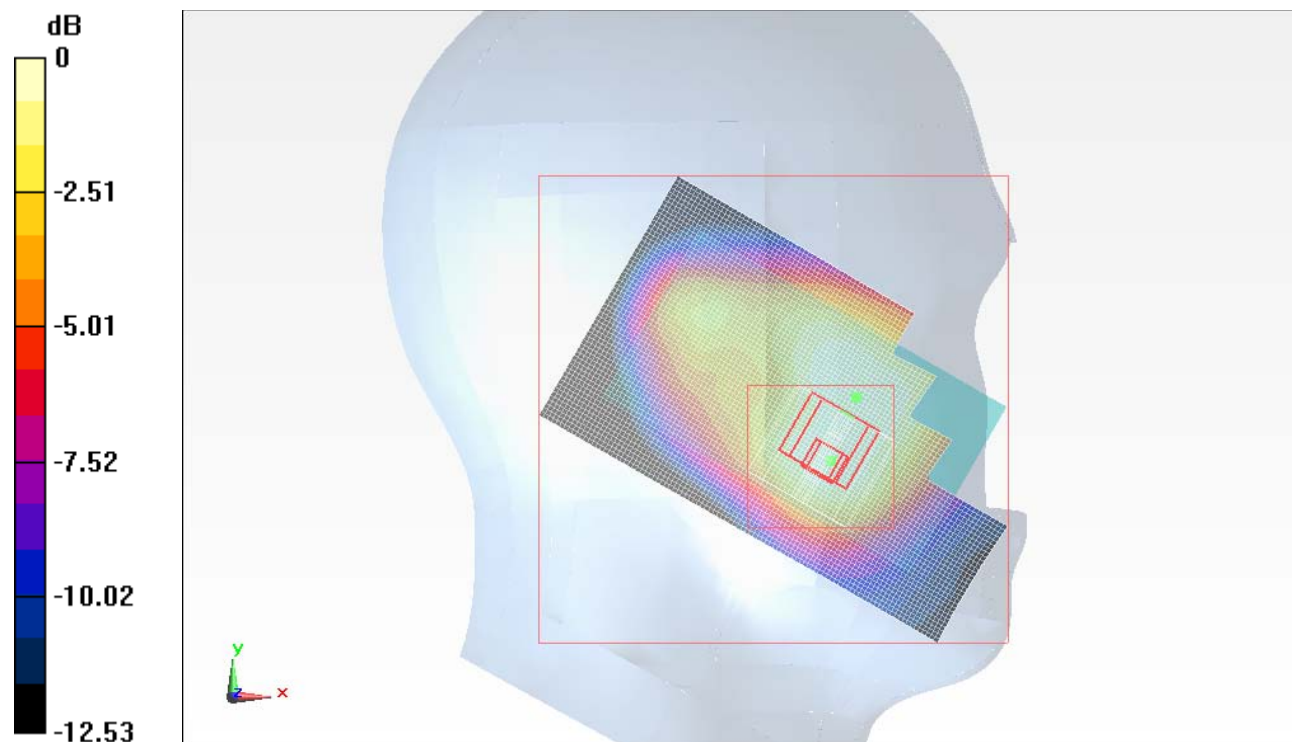
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.949 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.150 mW/g**

Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.260mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/QPSK\_#RB8\_RB4\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.271 mW/g

**Left Touch 3MHz/QPSK\_#RB8\_RB4\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

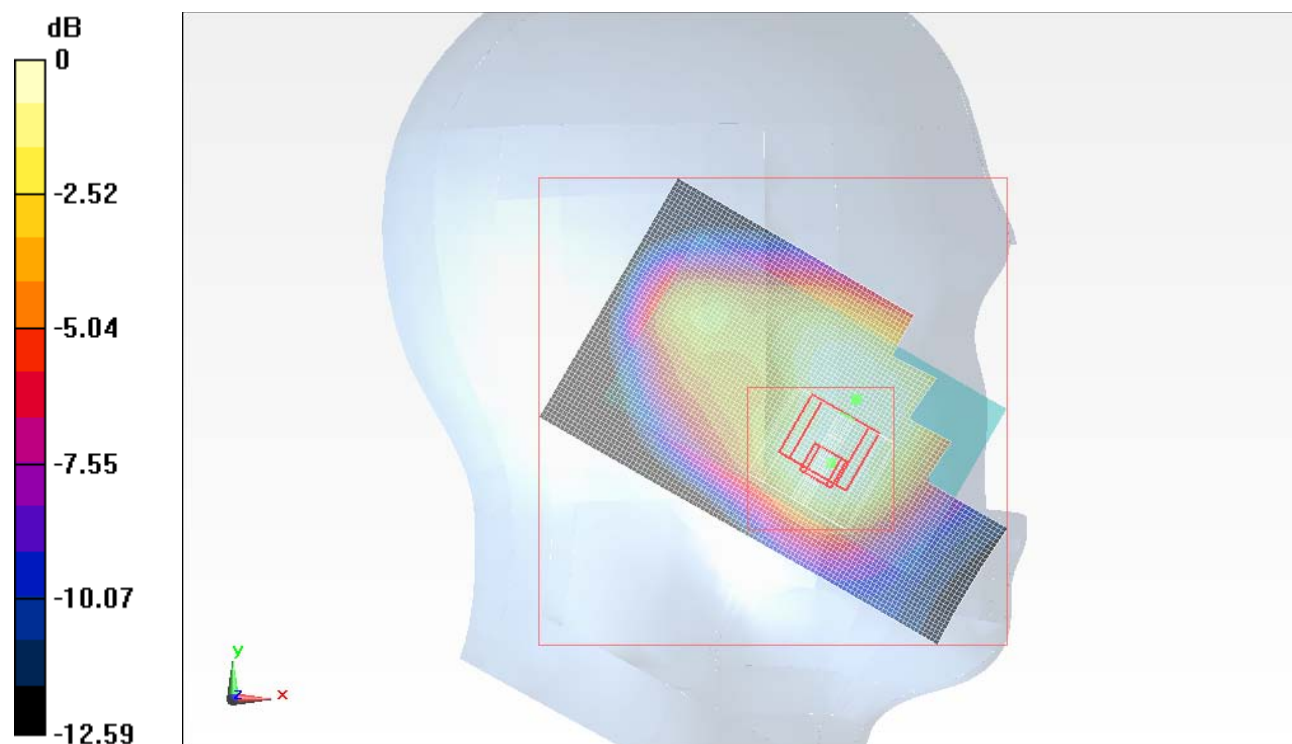
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.635 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.145 mW/g**

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_3M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/QPSK\_#RB15\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Touch 3MHz/QPSK\_#RB15\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

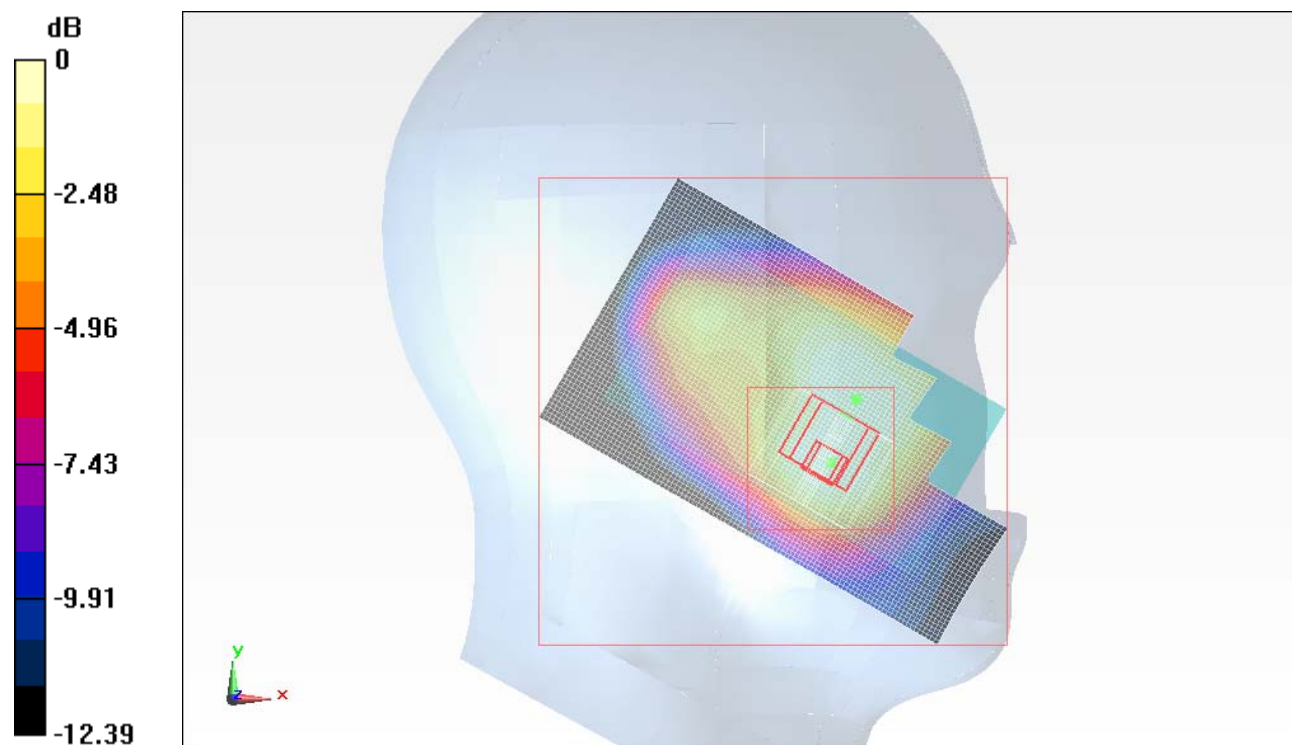
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.666 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.145 mW/g**

Maximum value of SAR (measured) = 0.249 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

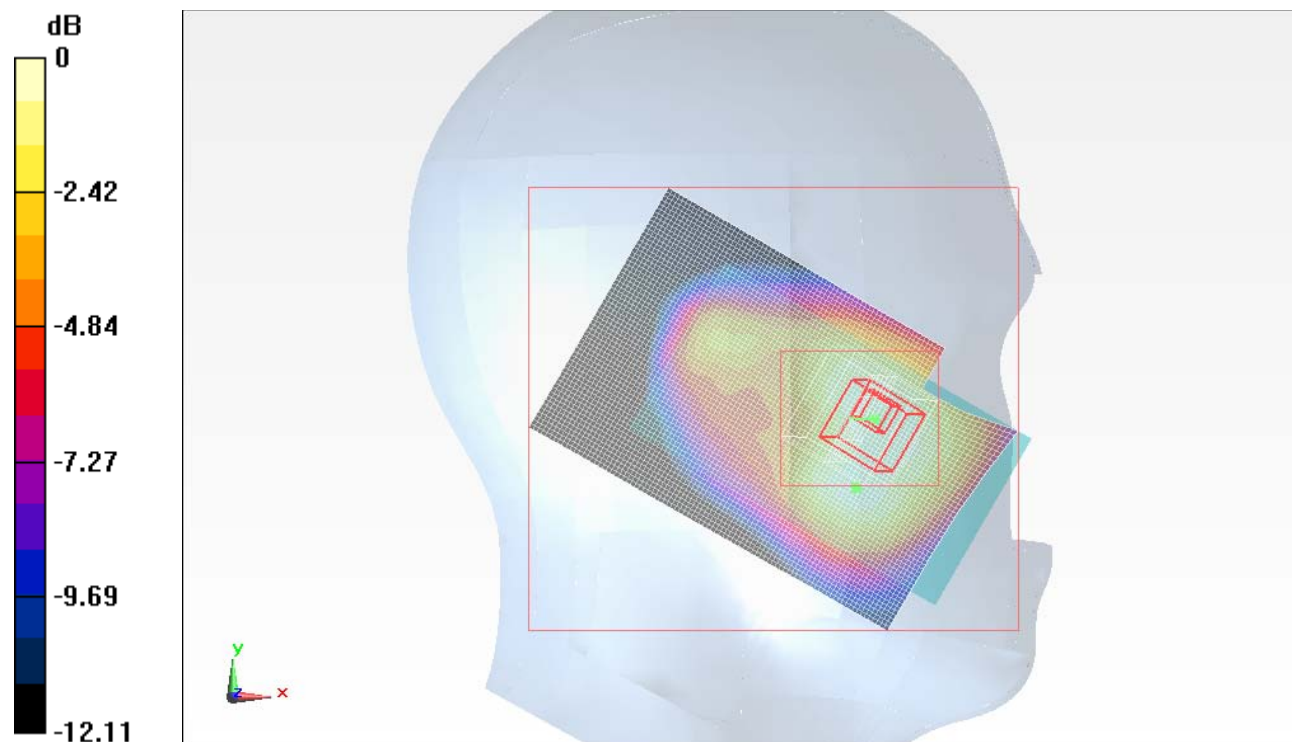
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.310 mW/g

**Left Touch 3MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  
 dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 14.773 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 0.384 W/kg  
**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.175 mW/g**  
 Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.310mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/16QAM\_#RB1\_RB14\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.314 mW/g

**Left Touch 3MHz/16QAM\_#RB1\_RB14\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

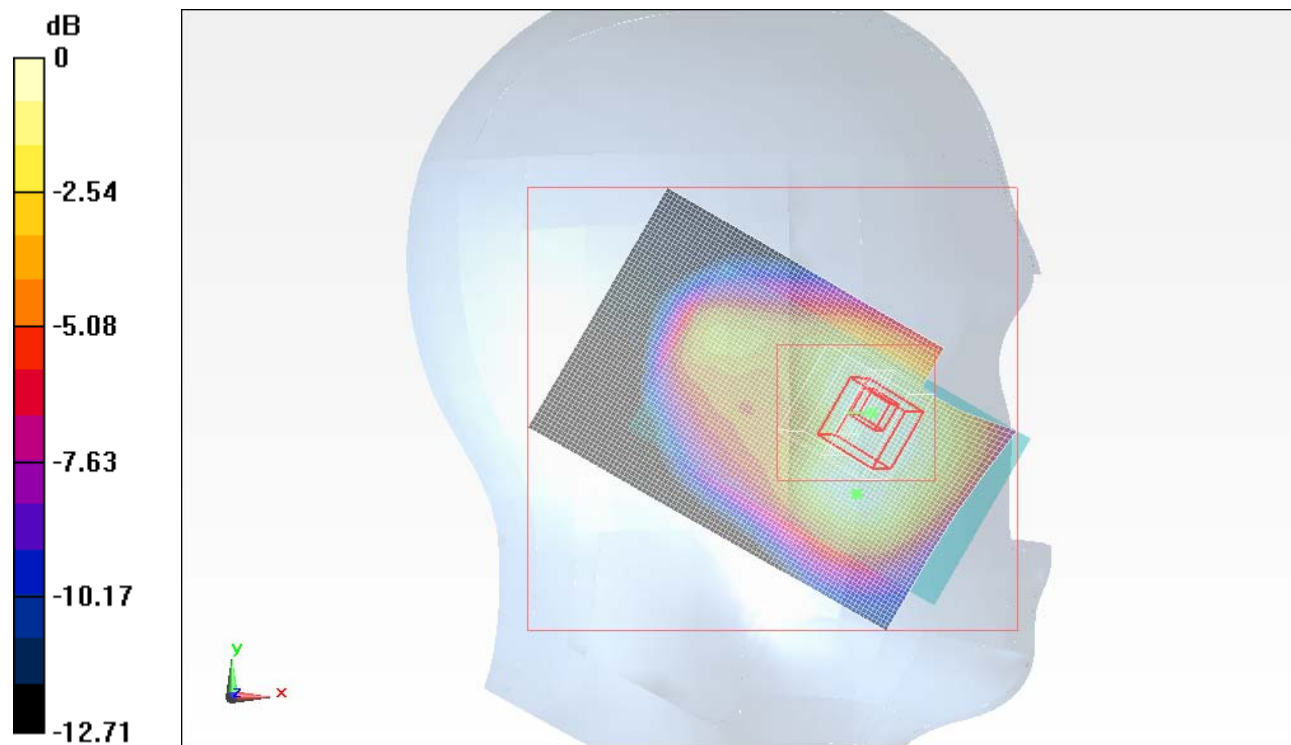
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.755 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.387 W/kg

**SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.176 mW/g**

Maximum value of SAR (measured) = 0.312 mW/g



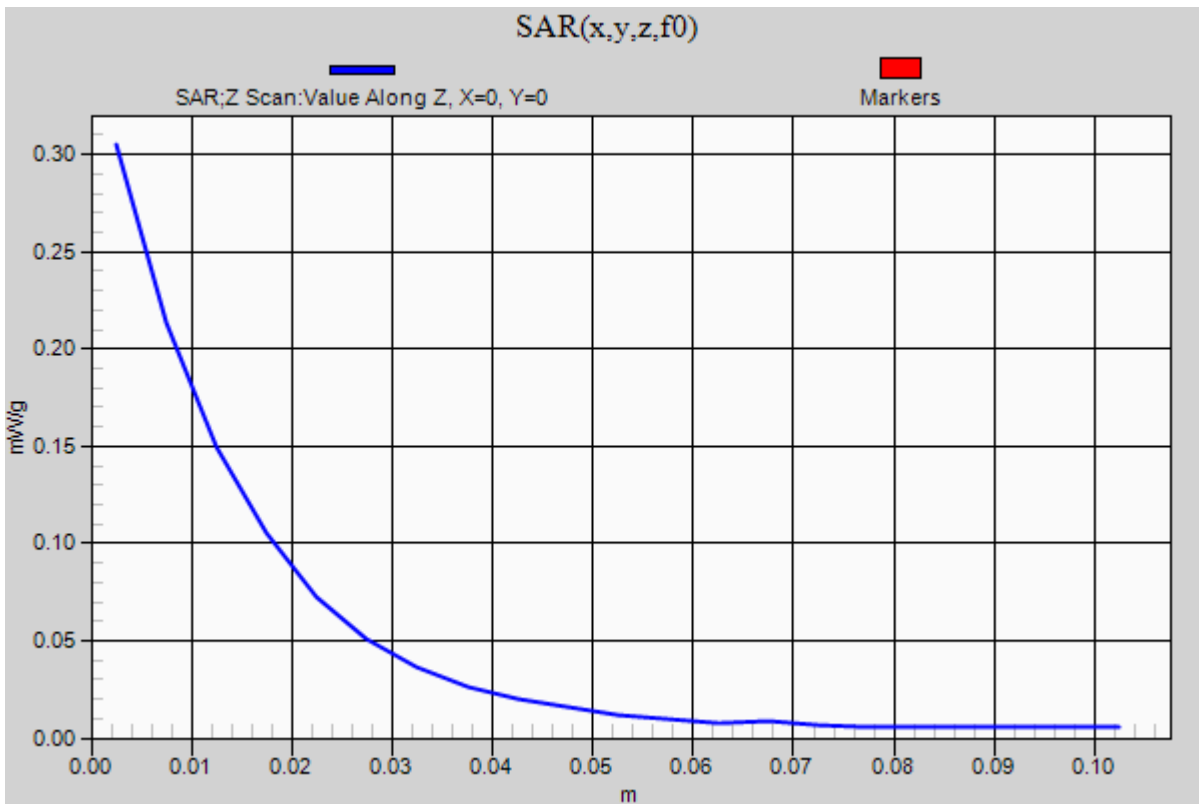
0 dB = 0.310mW/g

Test Laboratory: UL CCS SAR Lab A

### LTE Band 2\_3M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

**Left Touch 3MHz/16QAM\_#RB1\_RB14\_M-ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.305 mW/g





Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_3M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/16QAM\_#RB8\_RB4\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.306 mW/g

**Left Touch 3MHz/16QAM\_#RB8\_RB4\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

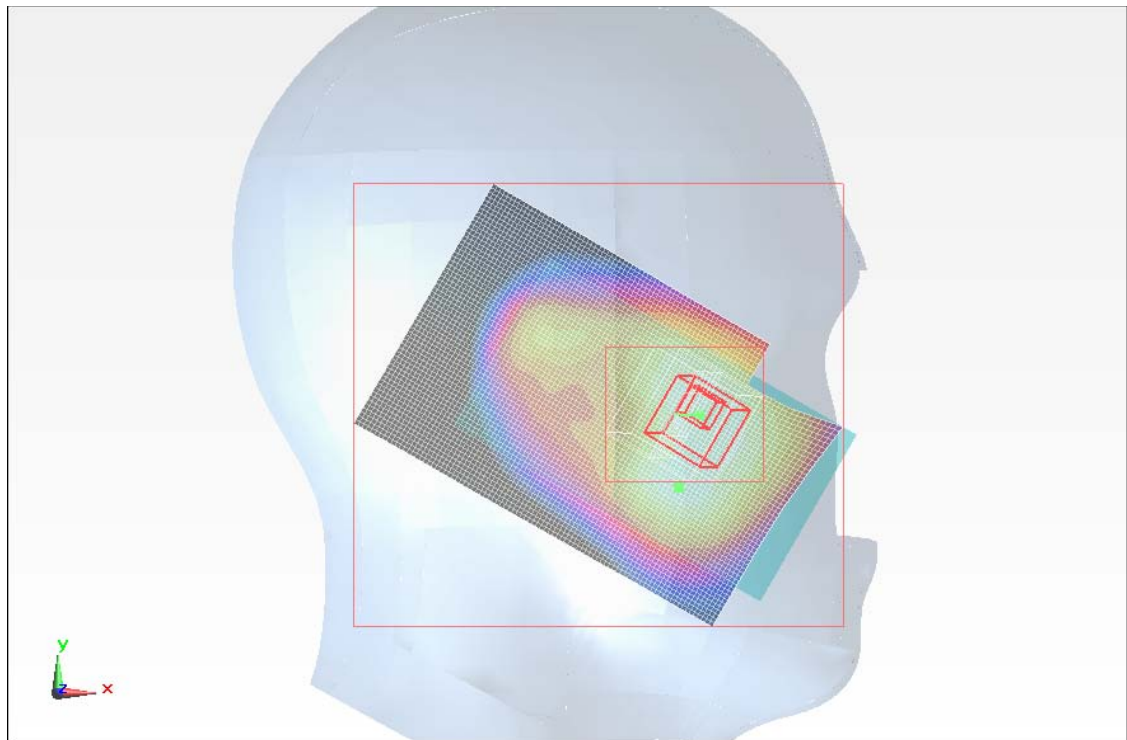
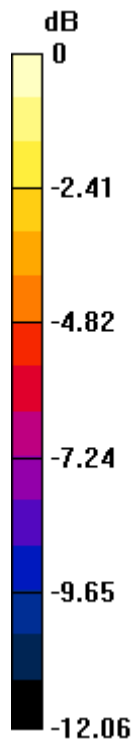
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.497 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.378 W/kg

**SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.303 mW/g



0 dB = 0.300mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 3MHz/16QAM\_#RB15\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.291 mW/g

**Left Touch 3MHz/16QAM\_#RB15\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

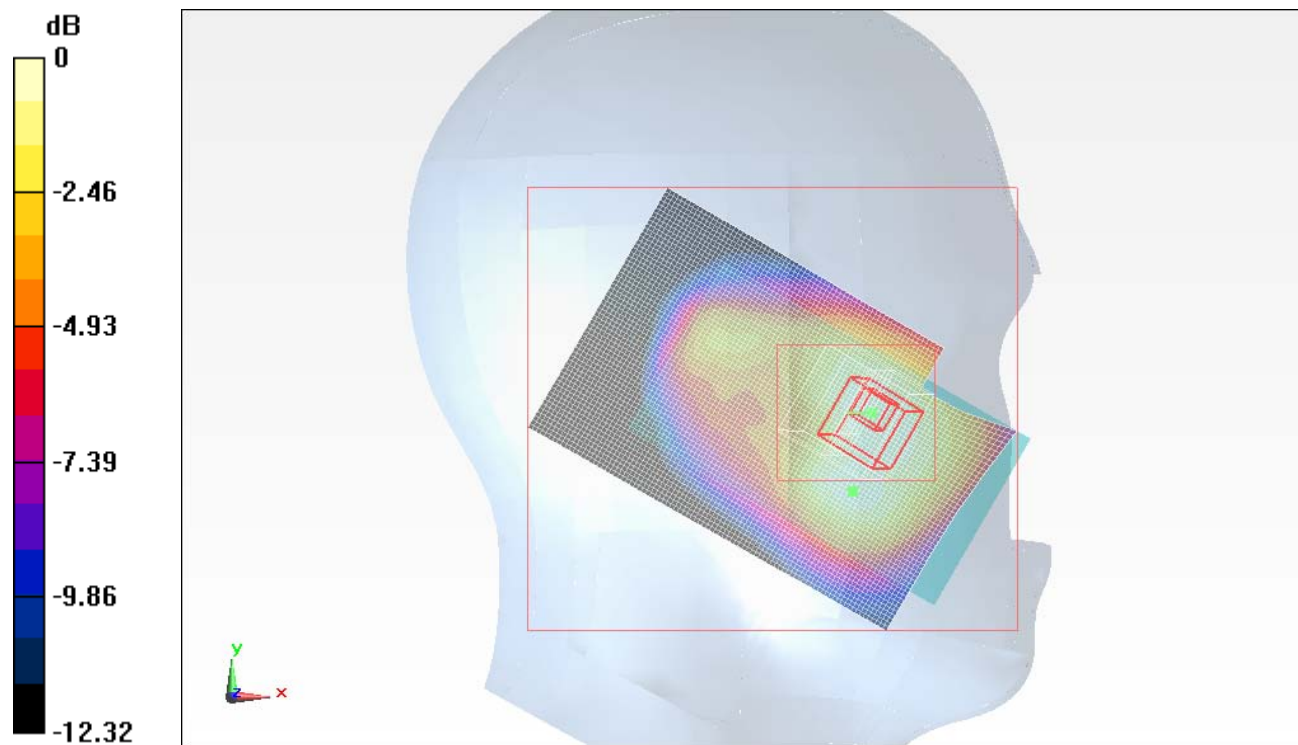
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.112 V/m; Power Drift = 0.0071 dB

Peak SAR (extrapolated) = 0.356 W/kg

**SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.165 mW/g**

Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.290mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

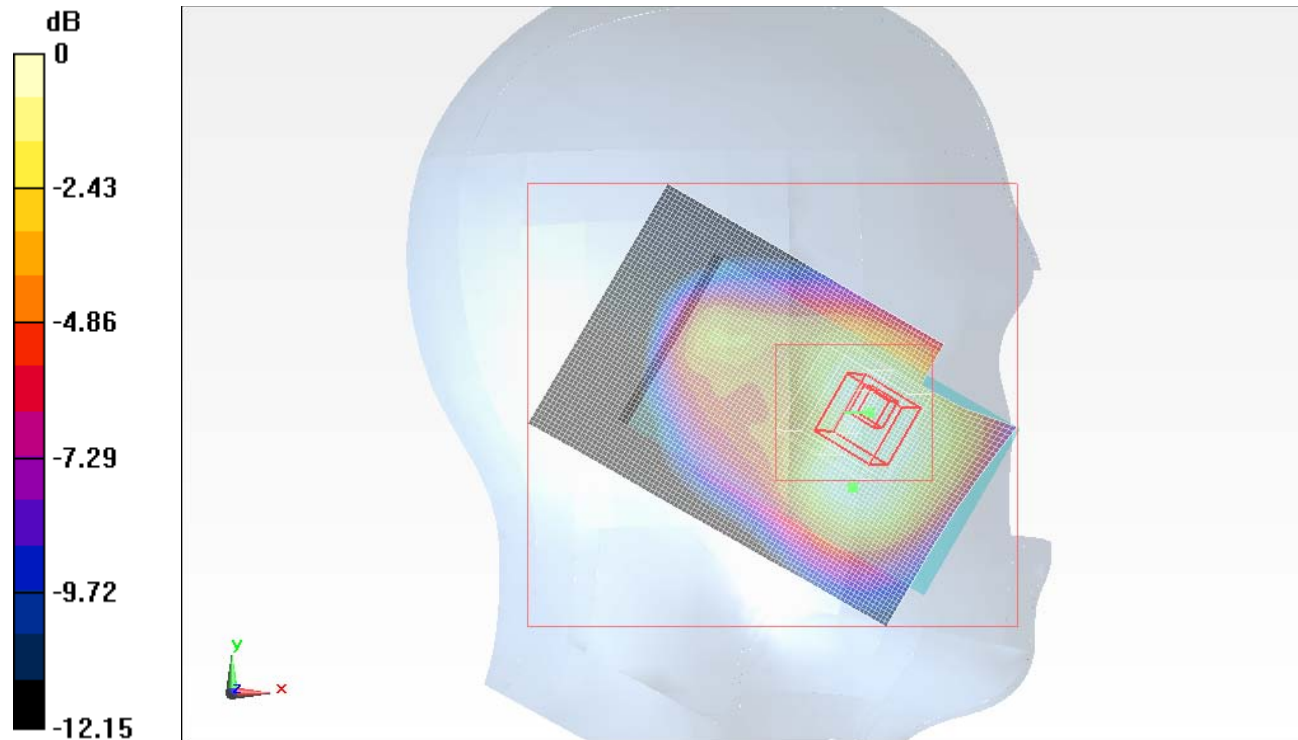
**Left Tilt 3MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.395 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.368 W/kg

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.169 mW/g**

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



0 dB = 0.290mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/QPSK\_#RB1\_RB14\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.300 mW/g

**Left Tilt 3MHz/QPSK\_#RB1\_RB14\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

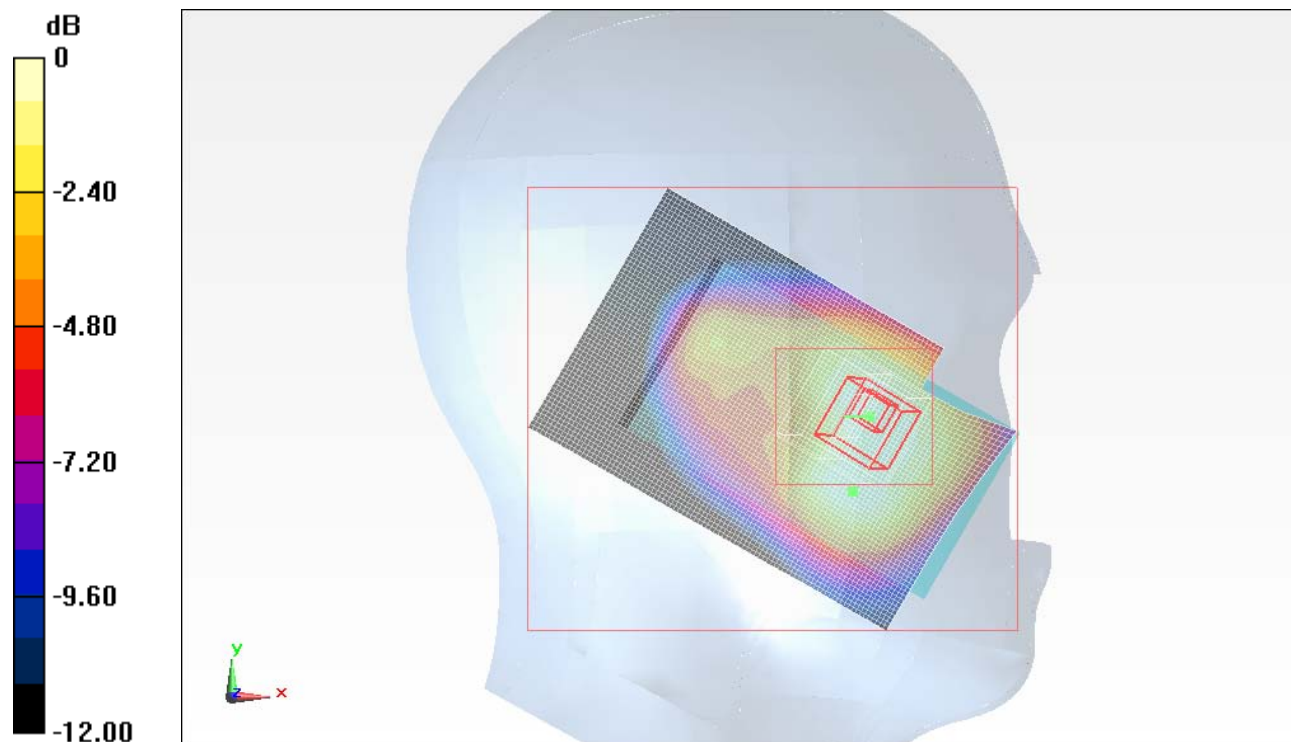
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.398 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.370 W/kg

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.295 mW/g



0 dB = 0.290mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/QPSK\_#RB8\_RB4\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.287 mW/g

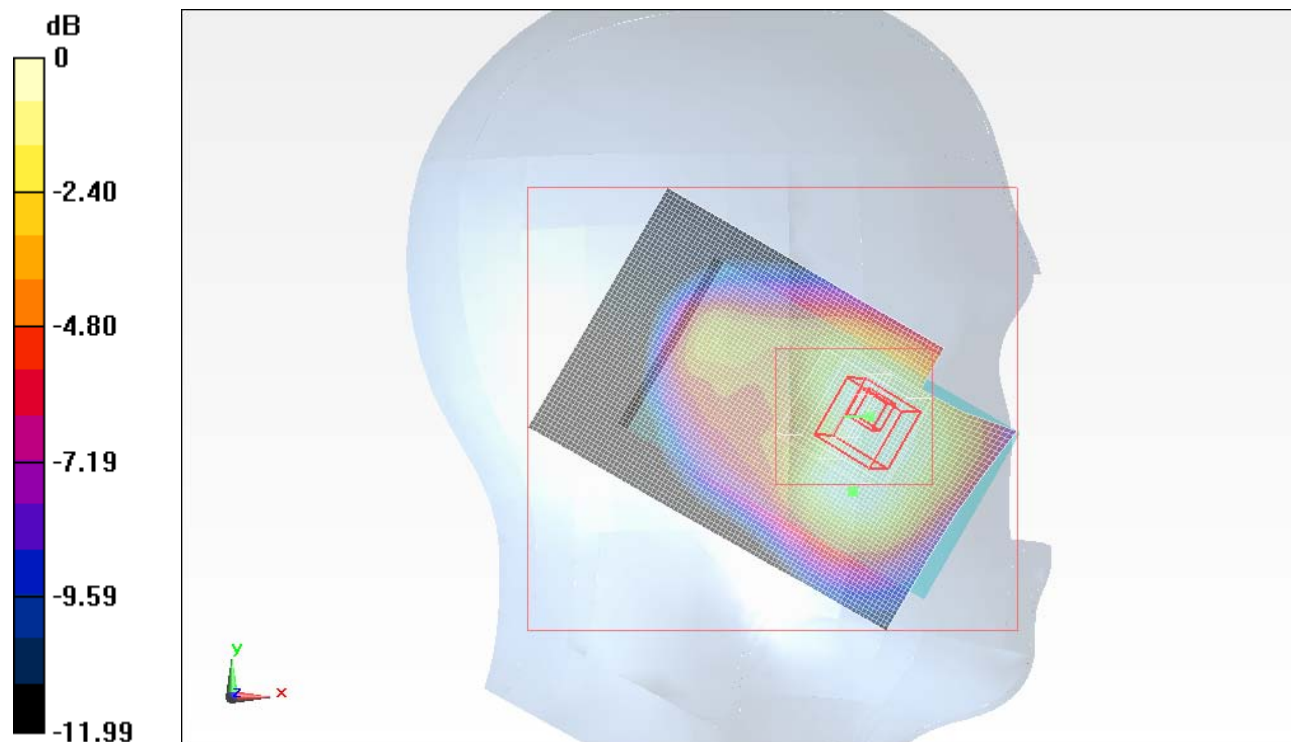
**Left Tilt 3MHz/QPSK\_#RB8\_RB4\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.105 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.352 W/kg

**SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/QPSK\_#RB15\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.289 mW/g

**Left Tilt 3MHz/QPSK\_#RB15\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

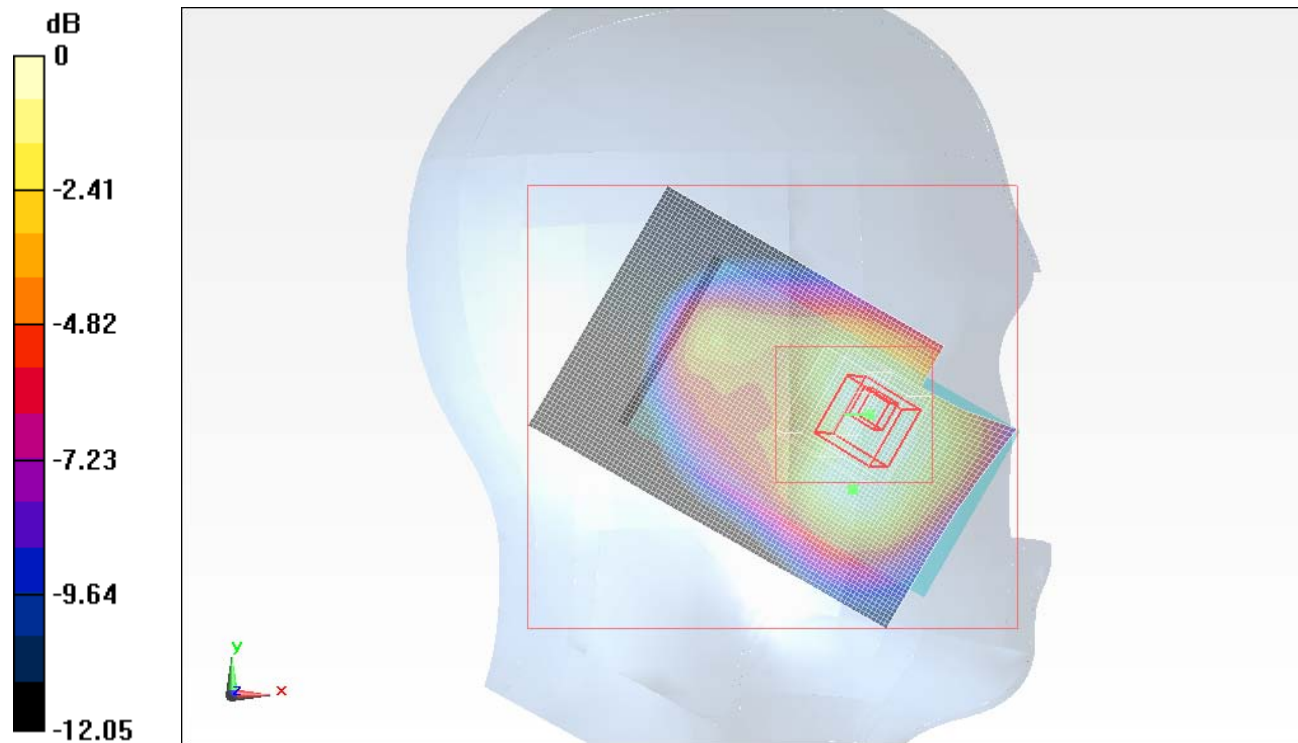
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.124 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.353 W/kg

**SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.321 mW/g

**Left Tilt 3MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

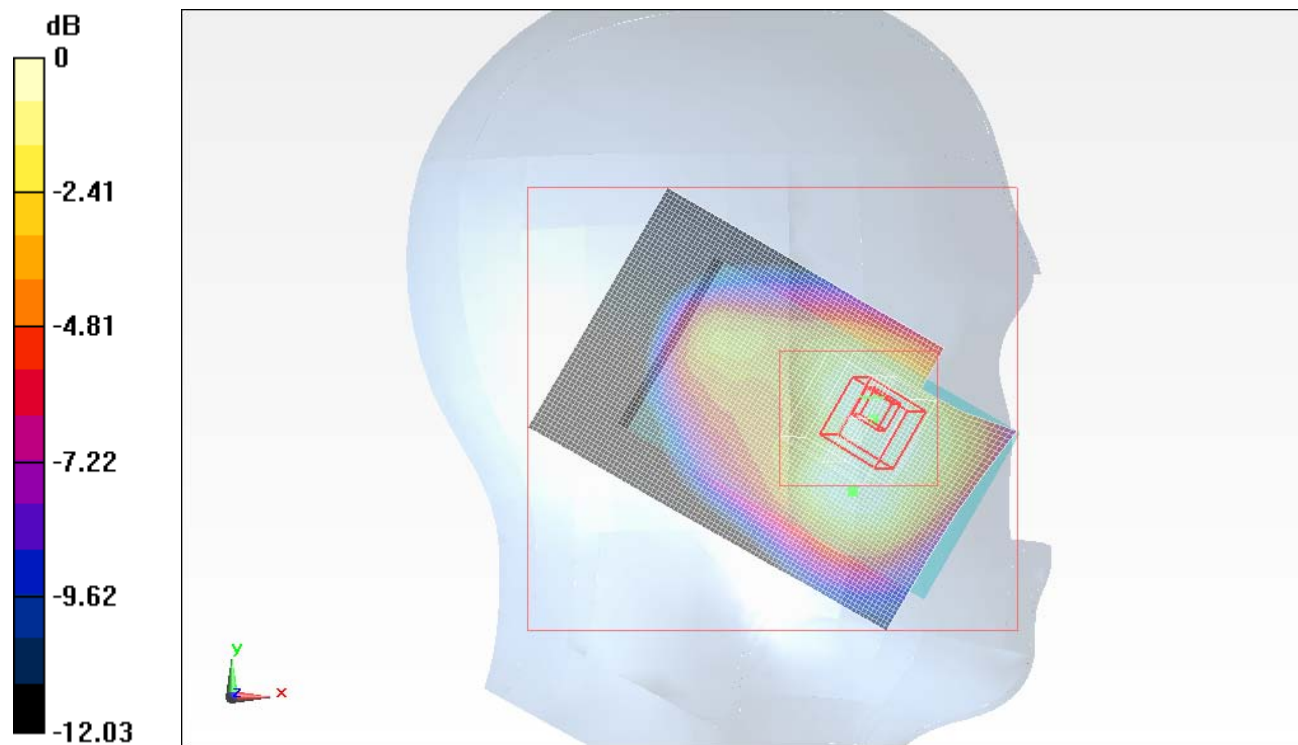
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.714 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.310mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/16QAM\_#RB1\_RB14\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.303 mW/g

**Left Tilt 3MHz/16QAM\_#RB1\_RB14\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

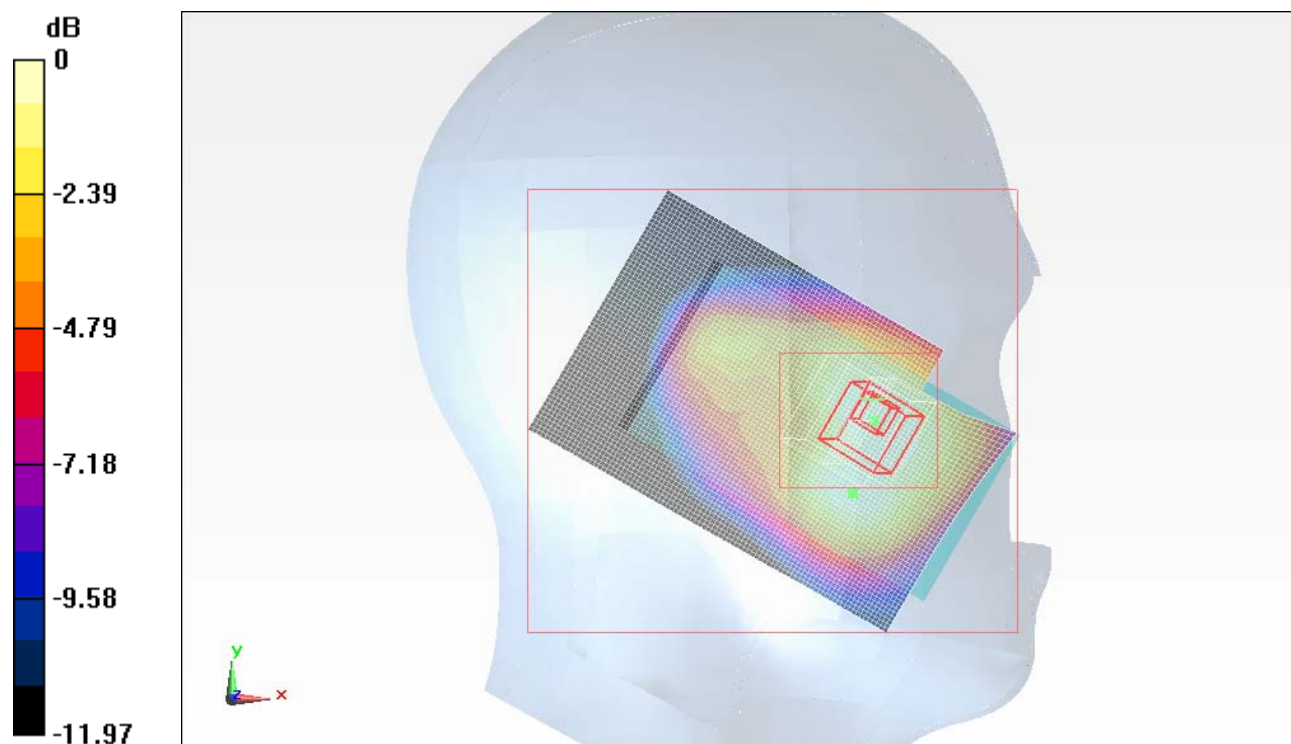
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.443 V/m; Power Drift = -0.0095 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.300mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/16QAM\_#RB8\_RB4\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Tilt 3MHz/16QAM\_#RB8\_RB4\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

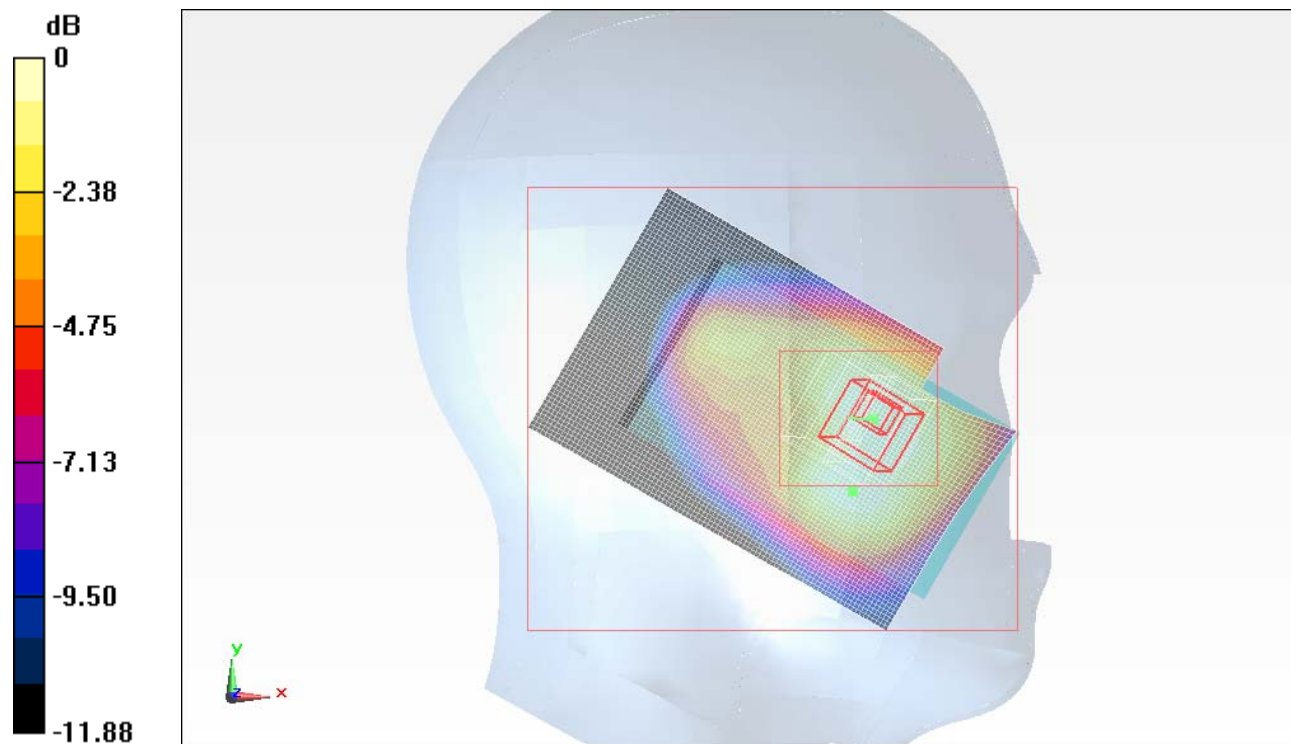
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.252 V/m; Power Drift = 0.0064 dB

Peak SAR (extrapolated) = 0.363 W/kg

**SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.167 mW/g**

Maximum value of SAR (measured) = 0.292 mW/g



0 dB = 0.290mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_3M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 41.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 3MHz/16QAM\_#RB15\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 mW/g

**Left Tilt 3MHz/16QAM\_#RB15\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

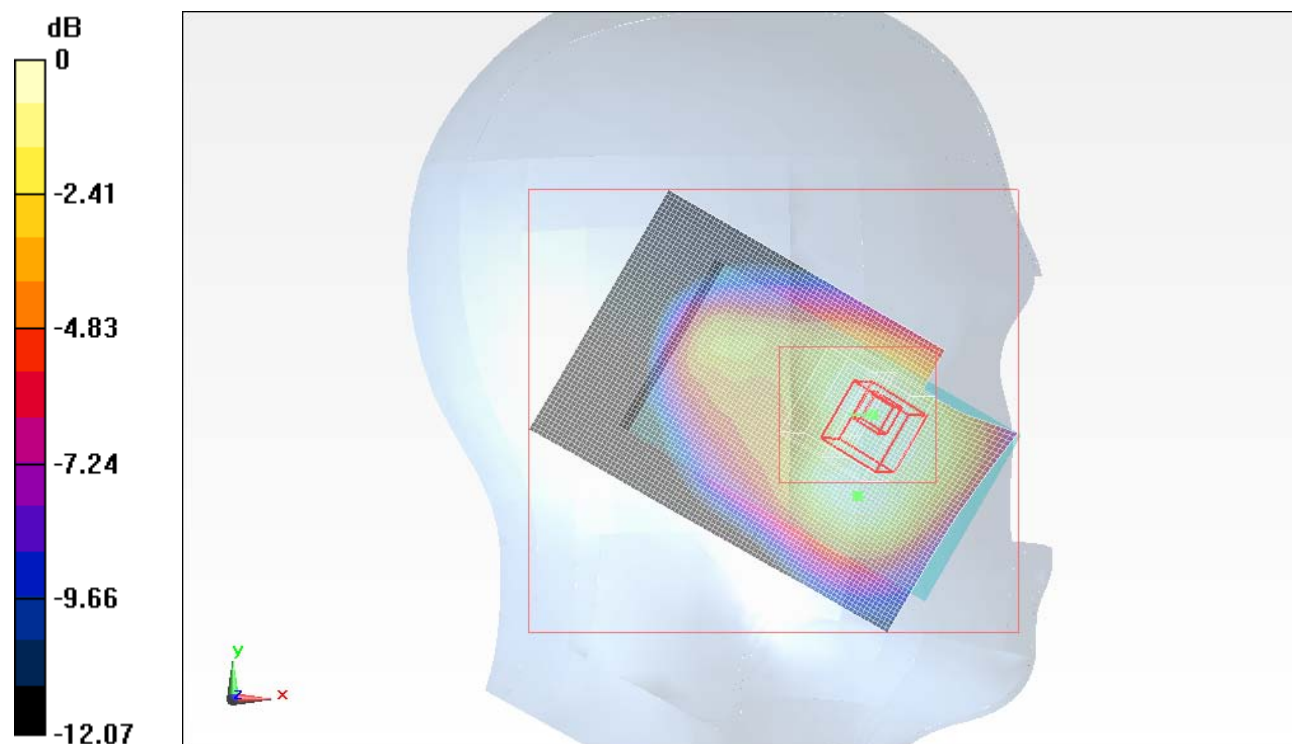
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.817 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.345 W/kg

**SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm,  
 dy=15mm

Maximum value of SAR (interpolated) = 0.296 mW/g

**Left Touch 5MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

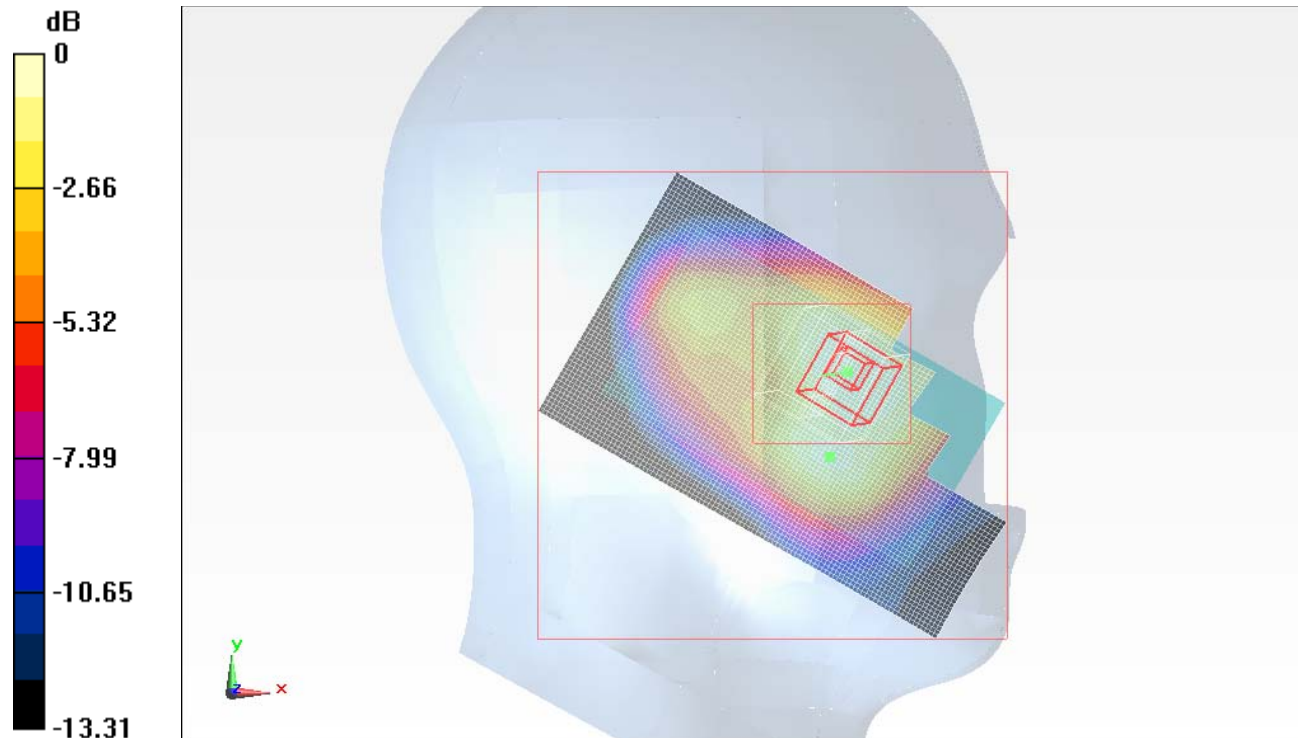
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.824 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.166 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g



0 dB = 0.300mW/g

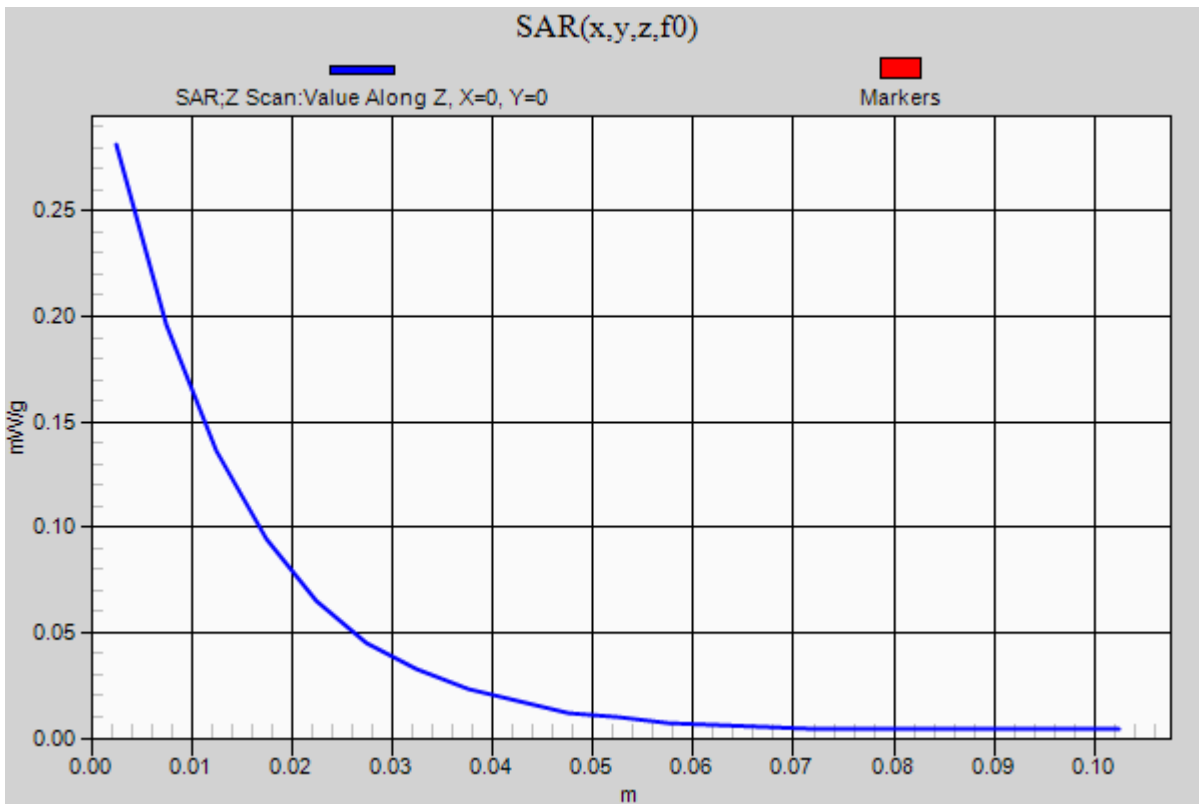
Test Laboratory: UL CCS SAR Lab A

### LTE Band 2\_5M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

**Left Touch 5MHz/QPSK\_#RB1\_RB0\_M-ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.281 mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/QPSK\_#RB1\_RB24\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm,  
 dy=15mm

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

**Left Touch 5MHz/QPSK\_#RB1\_RB24\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

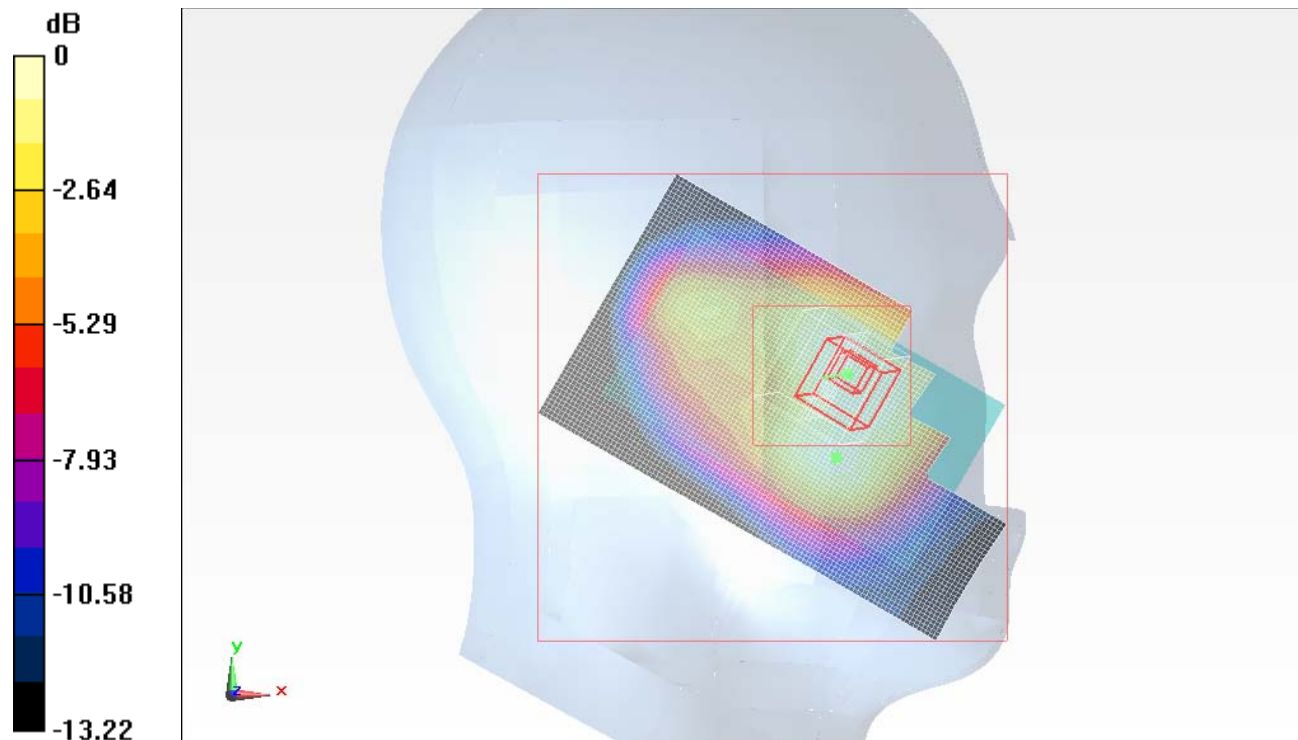
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.684 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.370 W/kg

**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.162 mW/g**

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



0 dB = 0.290mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

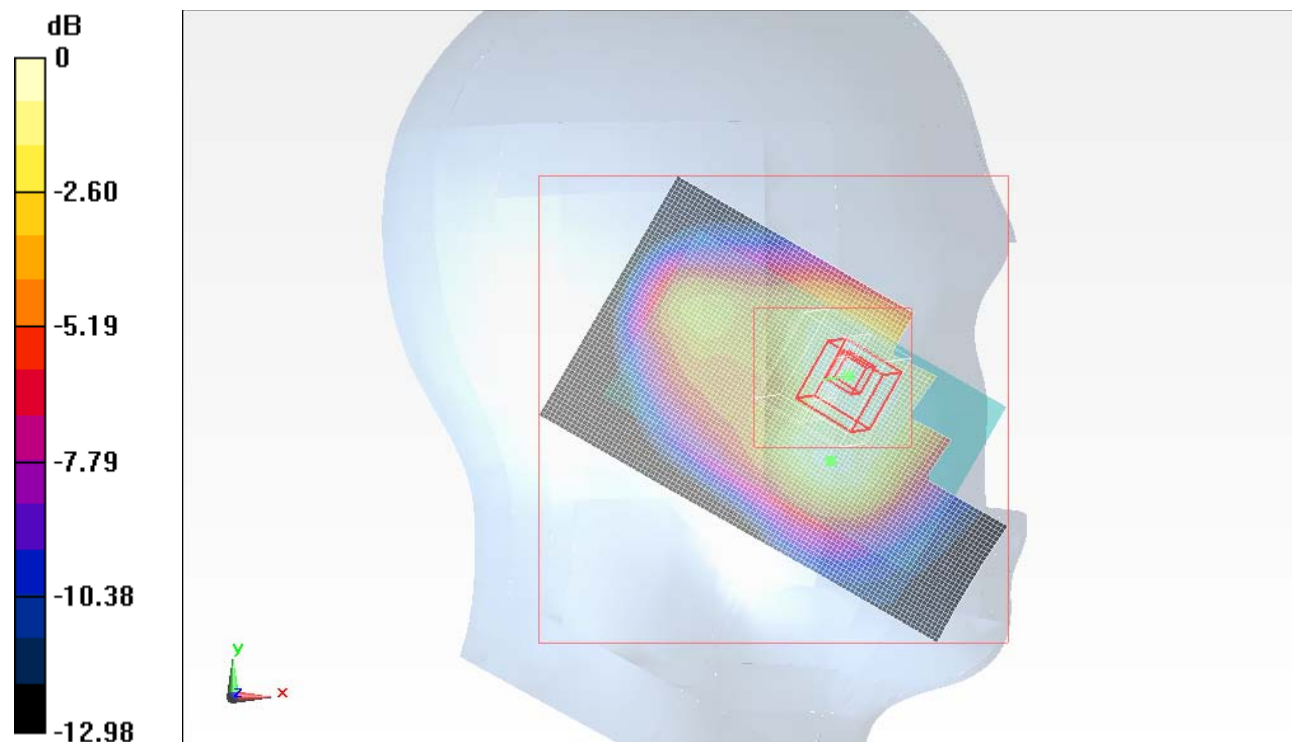
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/QPSK\_#RB12\_RB6\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.275 mW/g

**Left Touch 5MHz/QPSK\_#RB12\_RB6\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 14.261 V/m; Power Drift = -0.01 dB  
 Peak SAR (extrapolated) = 0.352 W/kg  
**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.154 mW/g**  
 Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/QPSK\_#RB25\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.274 mW/g

**Left Touch 5MHz/QPSK\_#RB25\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

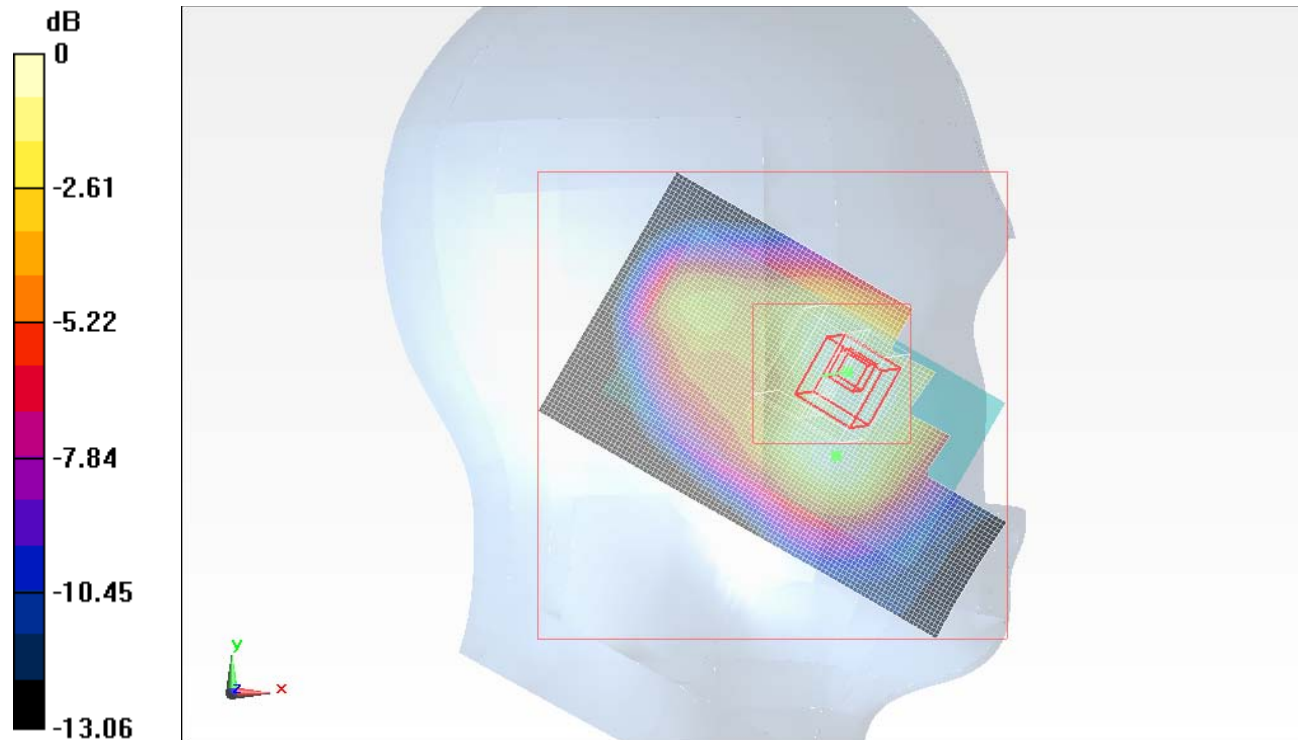
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.359 V/m; Power Drift = 0.0061 dB

Peak SAR (extrapolated) = 0.352 W/kg

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.280mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.280 mW/g

**Left Touch 5MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

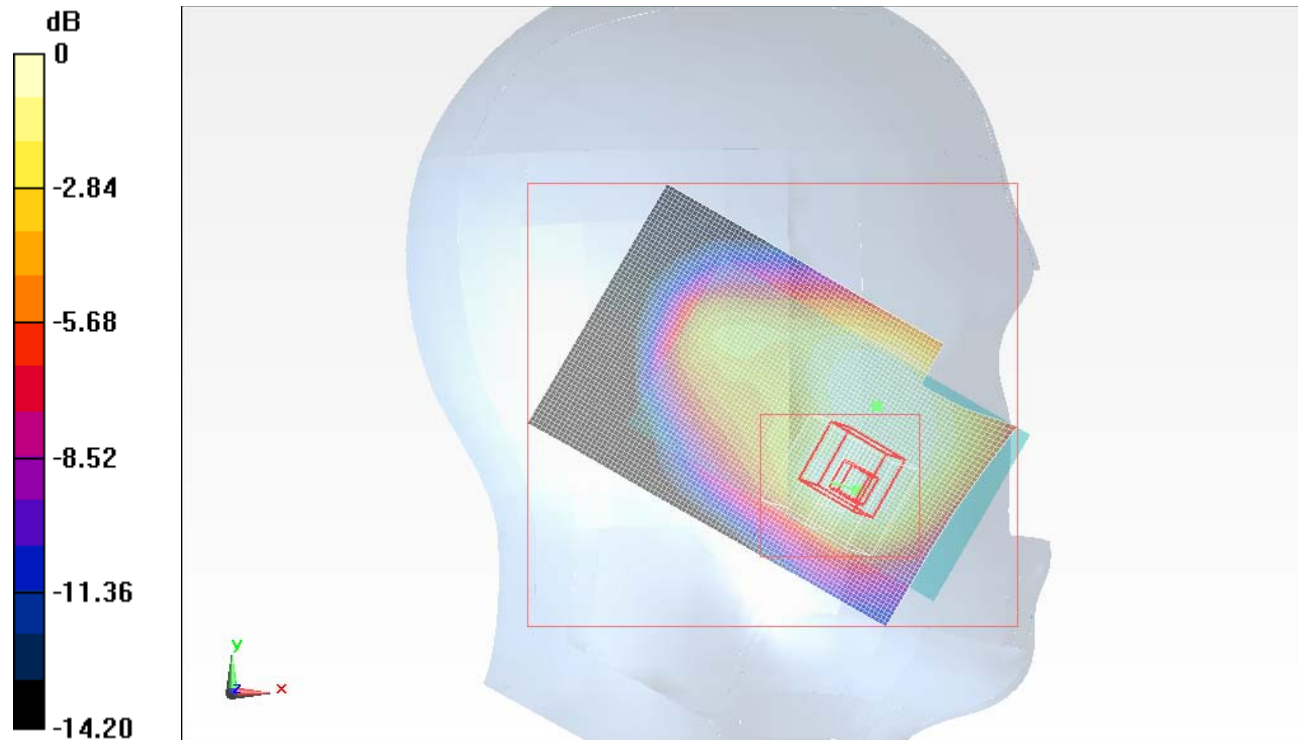
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.990 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.141 mW/g**

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.250mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/16QAM\_#RB1\_RB24\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Touch 5MHz/16QAM\_#RB1\_RB24\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

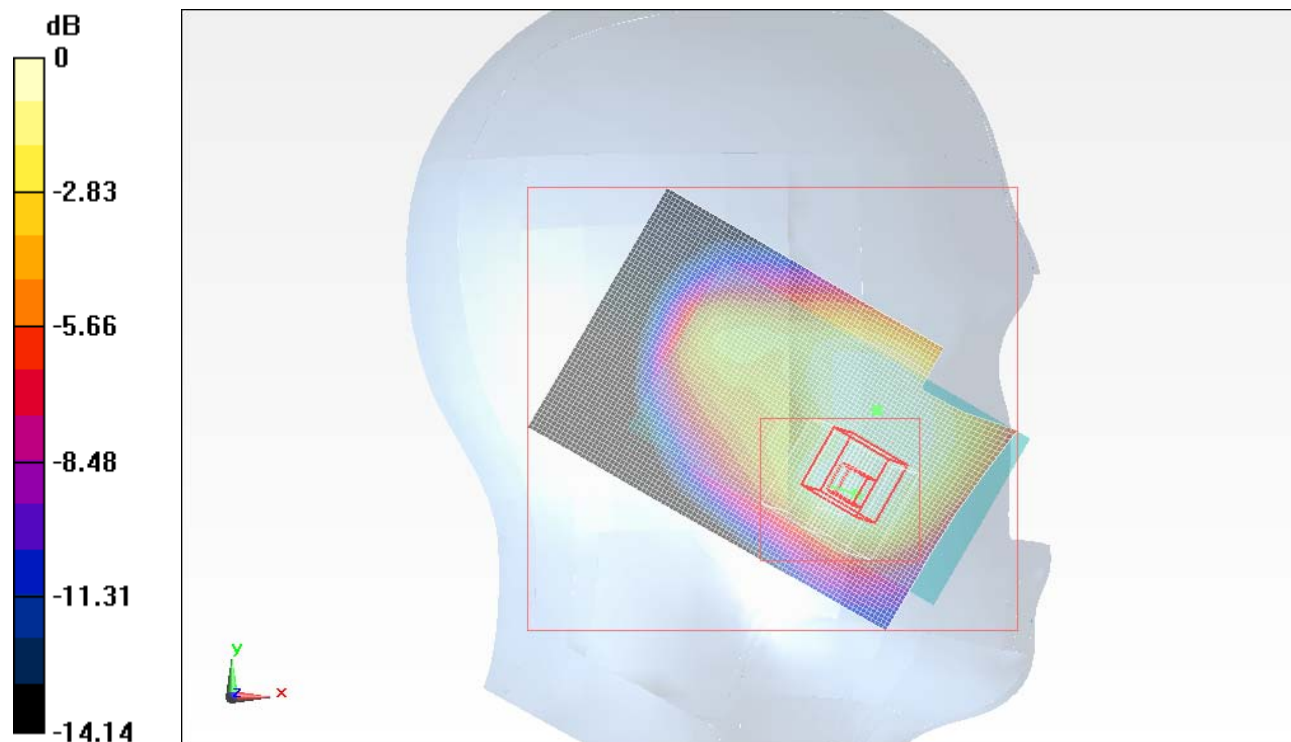
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.087 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/16QAM\_#RB12\_RB6\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.262 mW/g

**Left Touch 5MHz/16QAM\_#RB12\_RB6\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

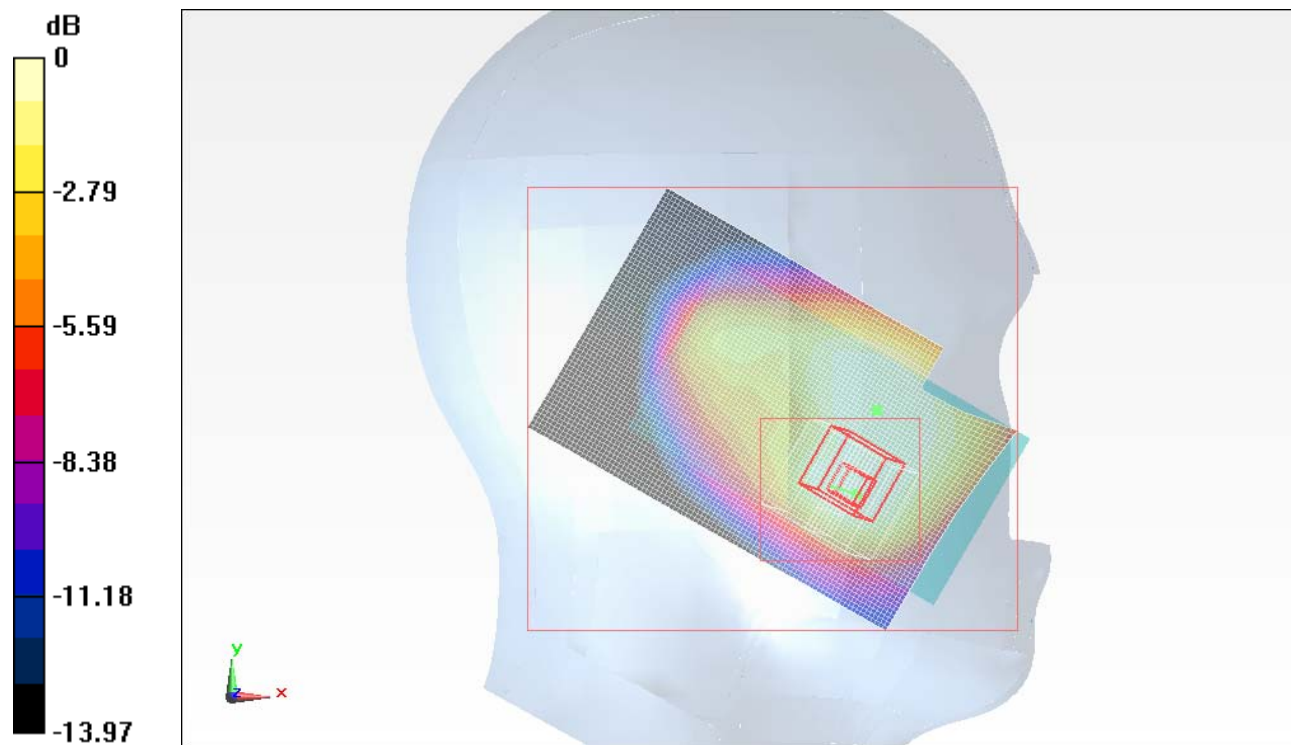
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.625 V/m; Power Drift = 0.0015 dB

Peak SAR (extrapolated) = 0.293 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Touch 5MHz/16QAM\_#RB25\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.292 mW/g

**Left Touch 5MHz/16QAM\_#RB25\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

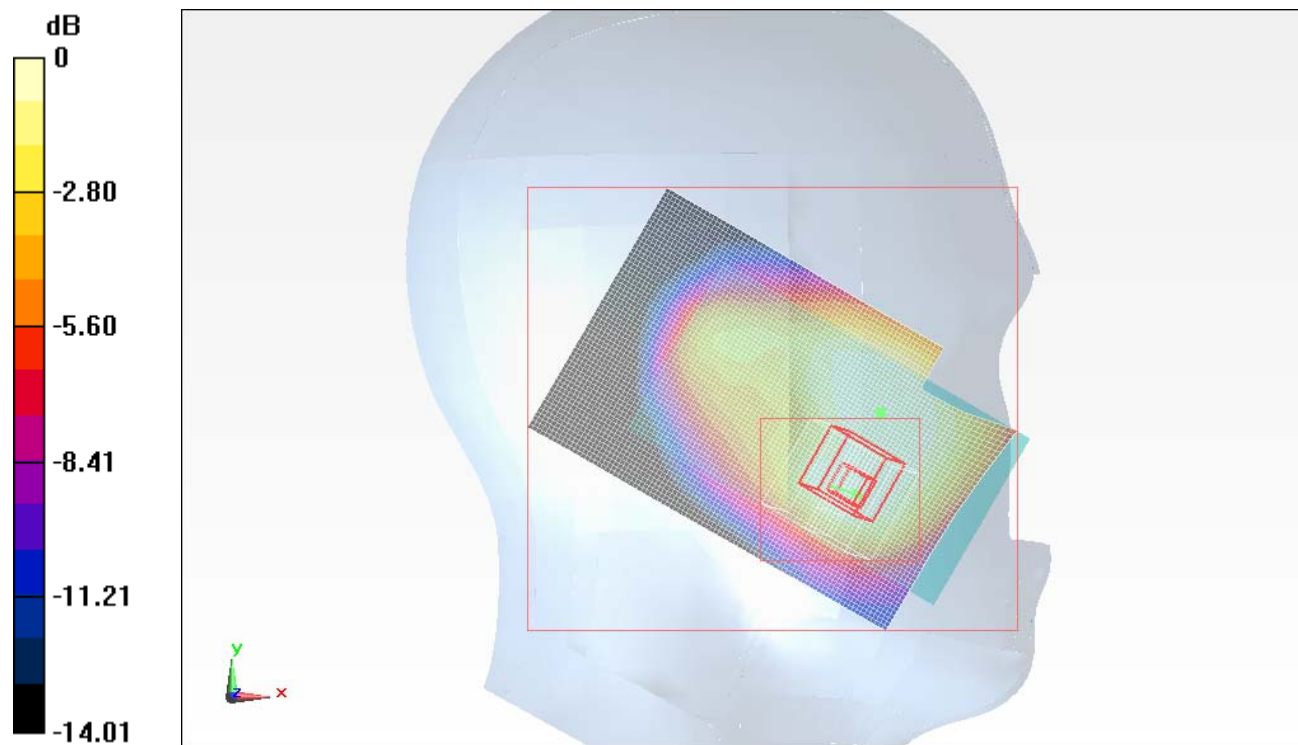
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.398 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.261 mW/g



0 dB = 0.260mW/g

Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_5M\_LHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

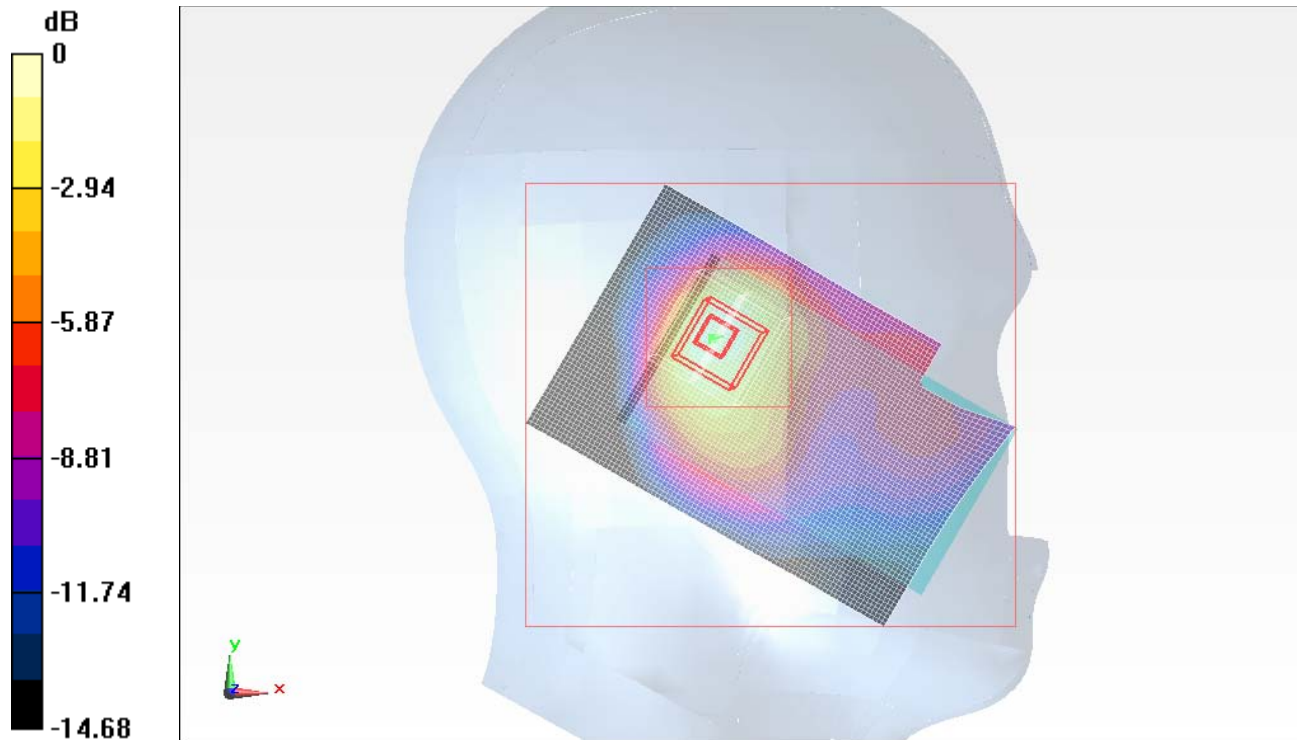
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.255 mW/g

**Left Tilt 5MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.758 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.321 W/kg  
**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.113 mW/g**  
Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/QPSK\_#RB1\_RB24\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.267 mW/g

**Left Tilt 5MHz/QPSK\_#RB1\_RB24\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

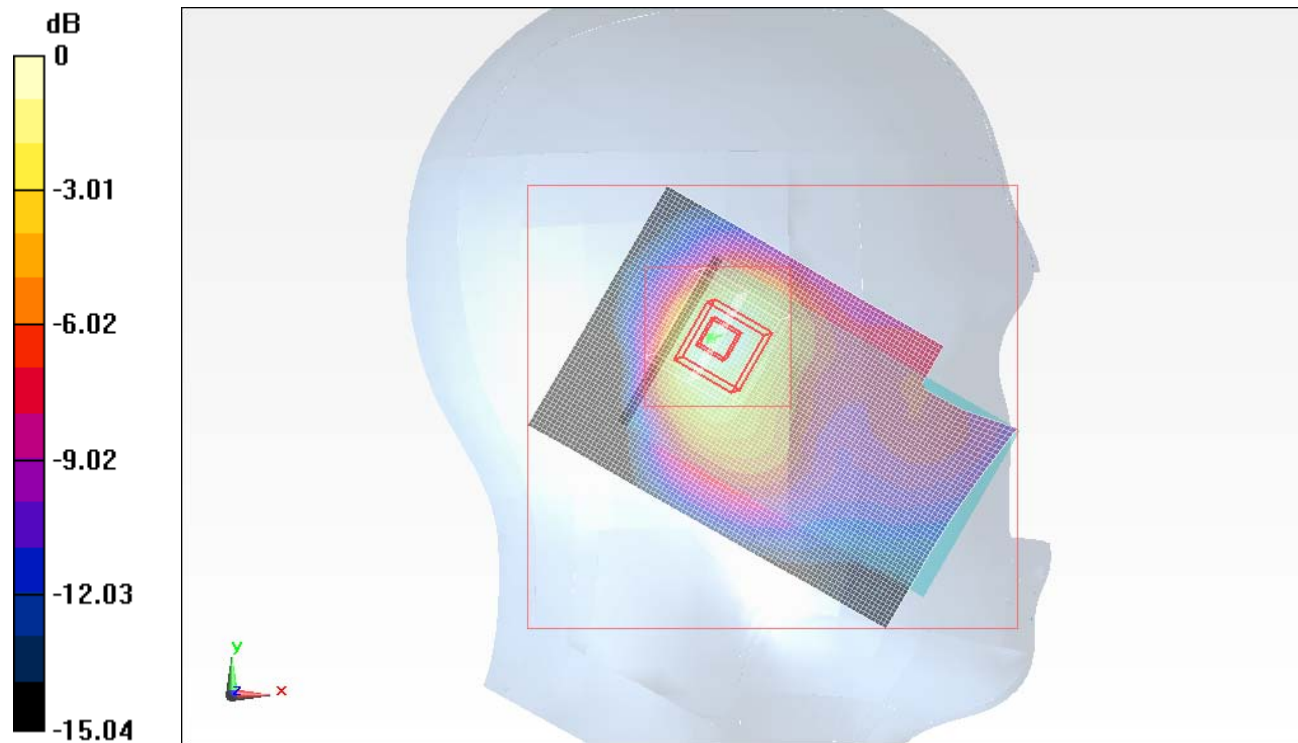
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.822 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/QPSK\_#RB12\_RB6\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.256 mW/g

**Left Tilt 5MHz/QPSK\_#RB12\_RB6\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

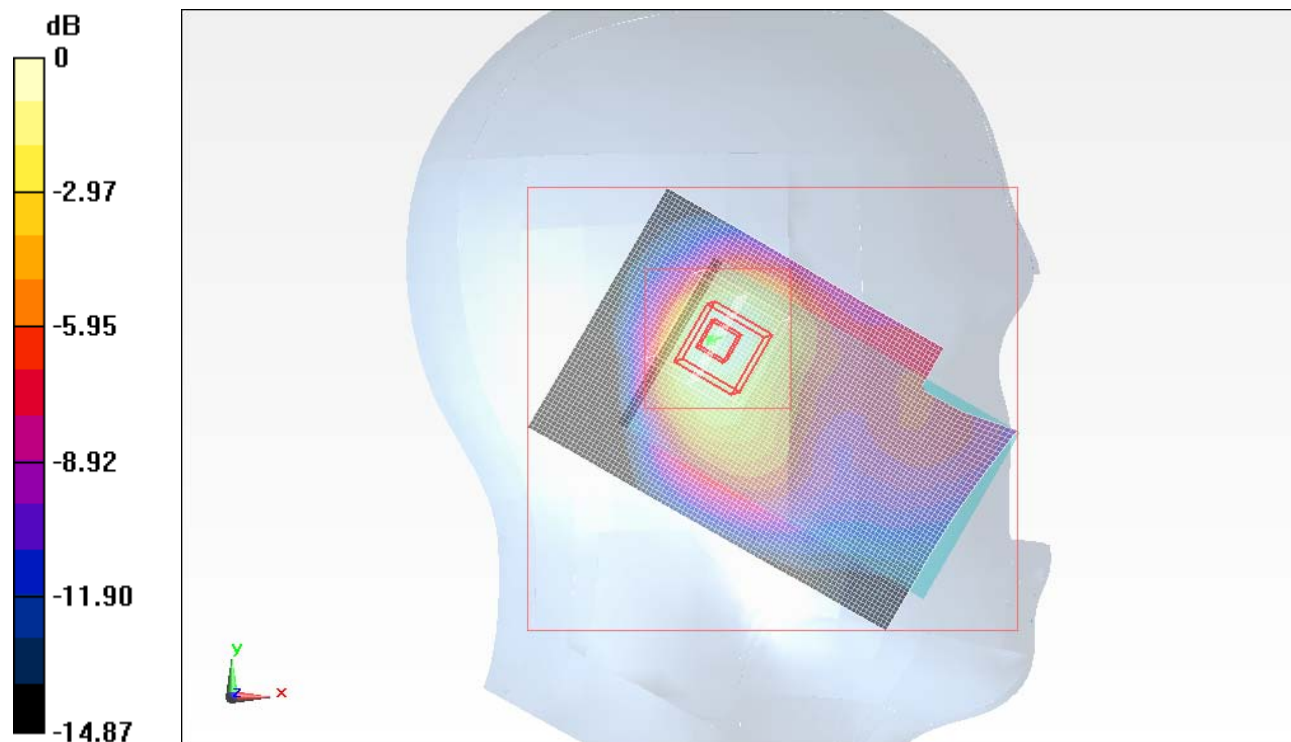
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.522 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.109 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/QPSK\_#RB25\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.254 mW/g

**Left Tilt 5MHz/QPSK\_#RB25\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

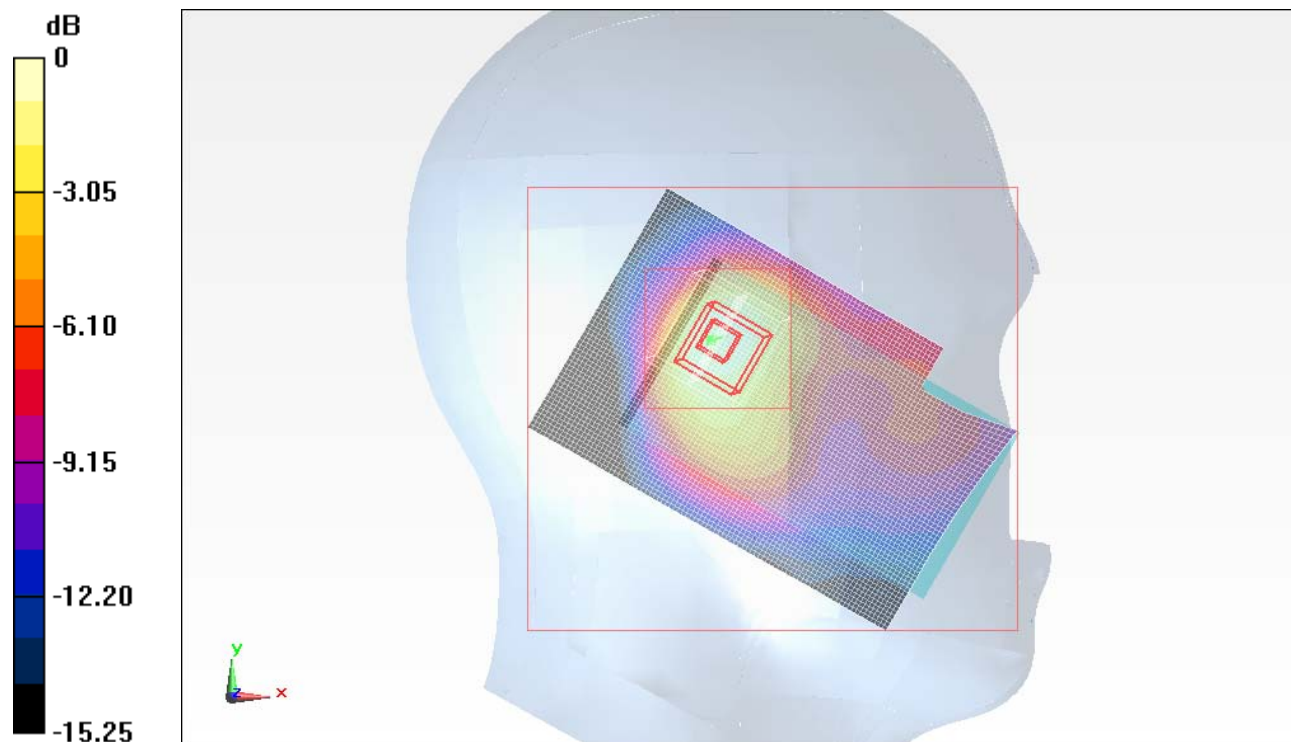
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.575 V/m; Power Drift = -0.0067 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.109 mW/g**

Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.247 mW/g

**Left Tilt 5MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

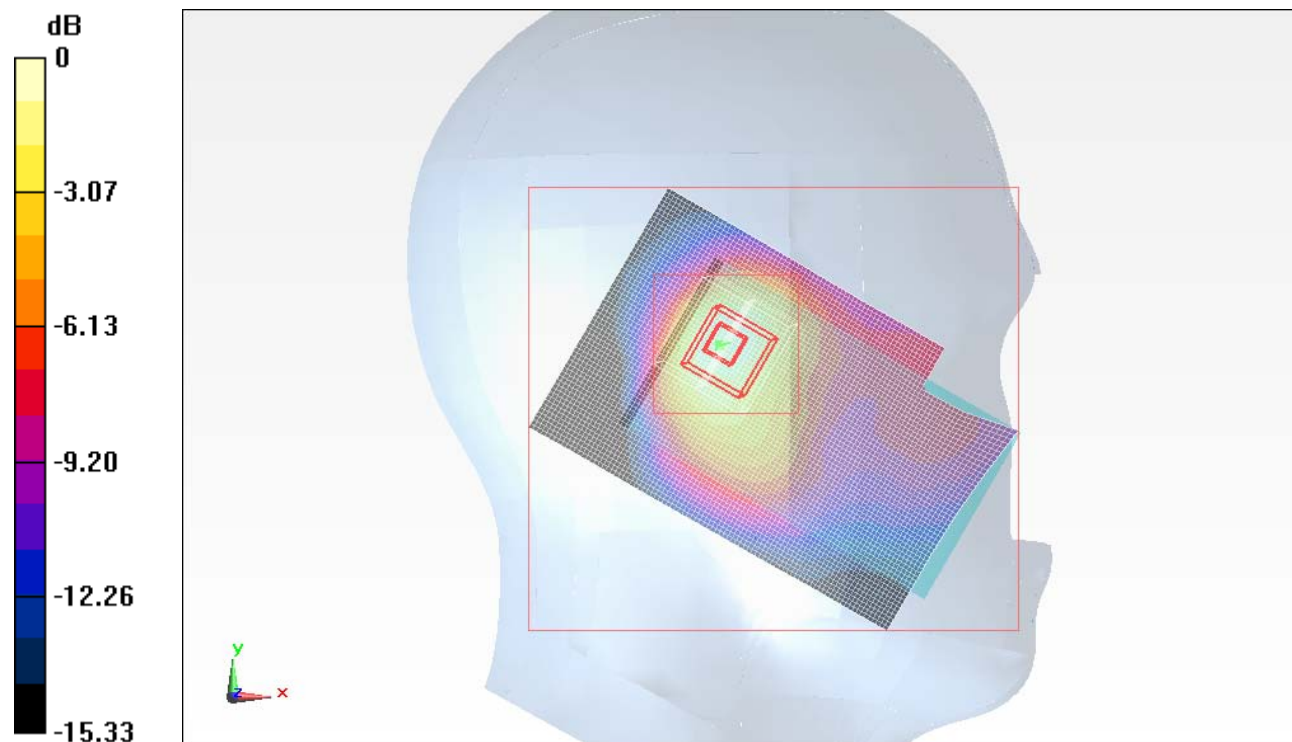
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.877 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.112 mW/g**

Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.240mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/16QAM\_#RB1\_RB24\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.254 mW/g

**Left Tilt 5MHz/16QAM\_#RB1\_RB24\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

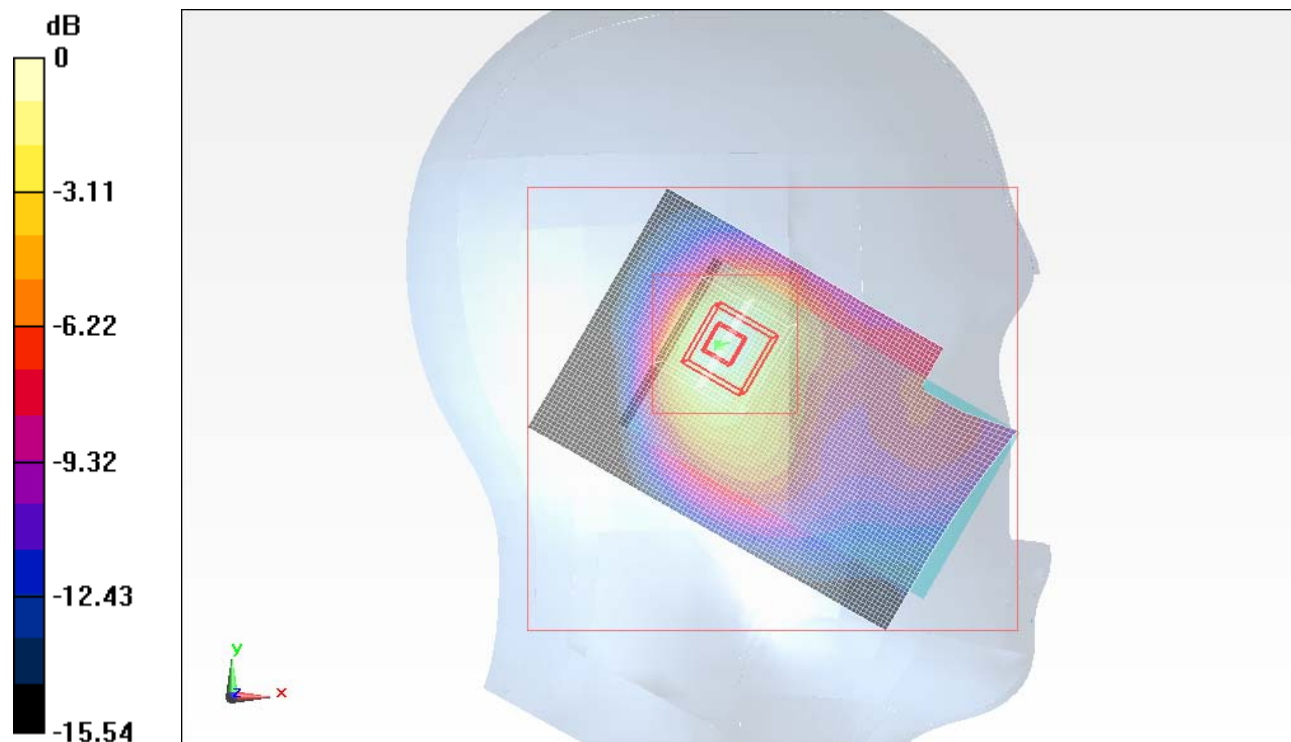
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.071 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.113 mW/g**

Maximum value of SAR (measured) = 0.245 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/16QAM\_#RB12\_RB6\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.234 mW/g

**Left Tilt 5MHz/16QAM\_#RB12\_RB6\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

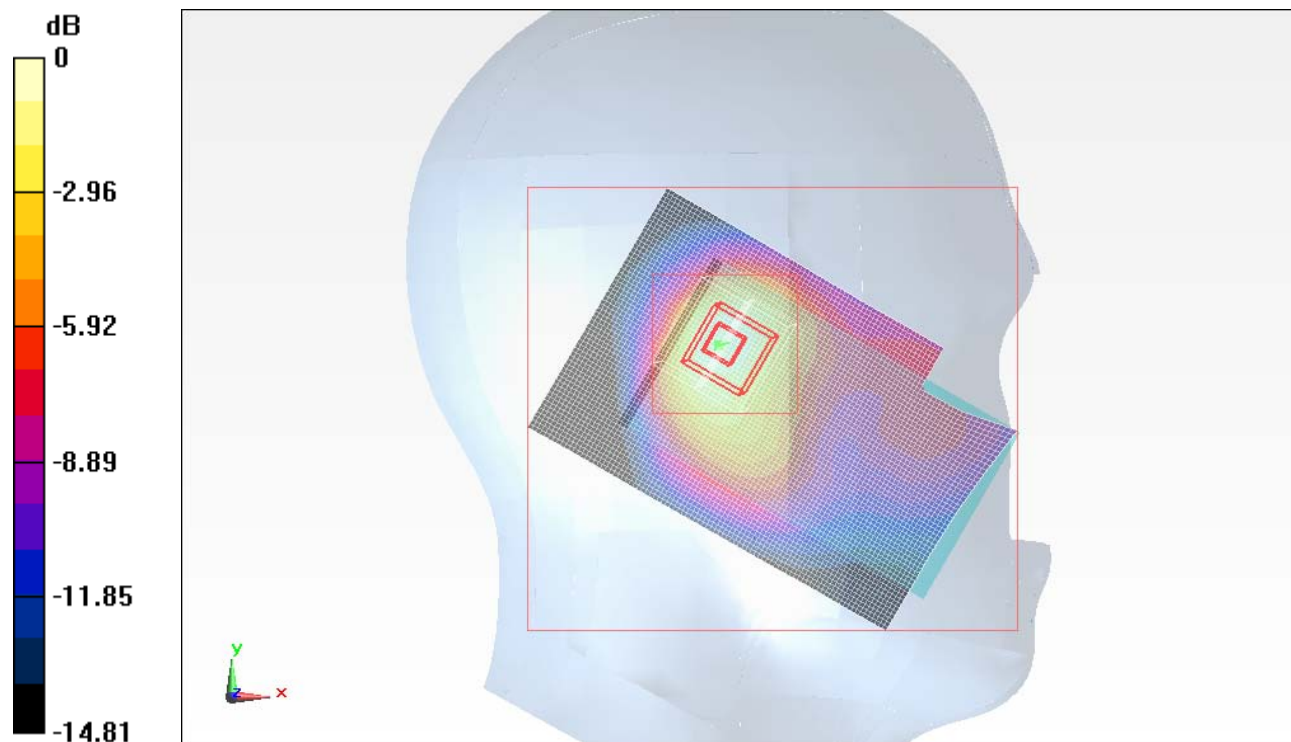
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.482 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_5M\_LHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Left Tilt 5MHz/16QAM\_#RB25\_RB0\_M-ch/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.267 mW/g

**Left Tilt 5MHz/16QAM\_#RB25\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

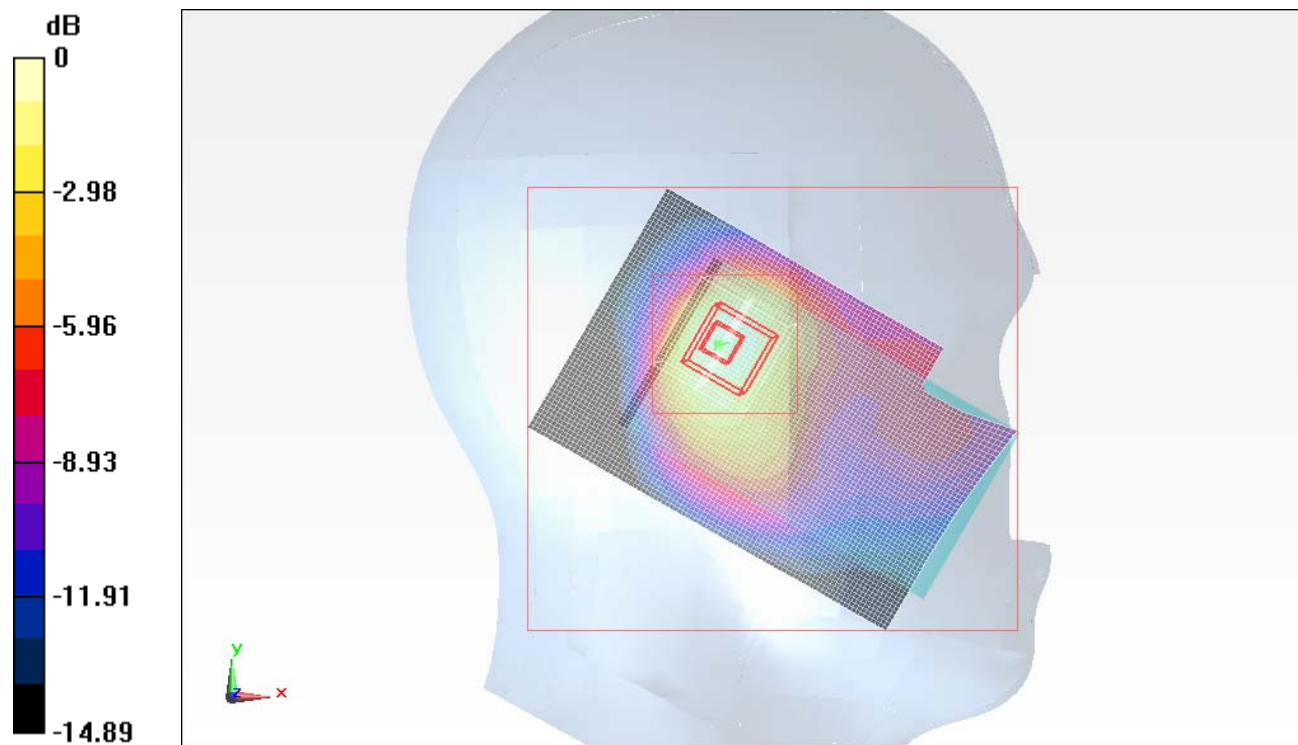
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.267 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.116 mW/g**

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



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Touch 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.474 mW/g

**Right Touch 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

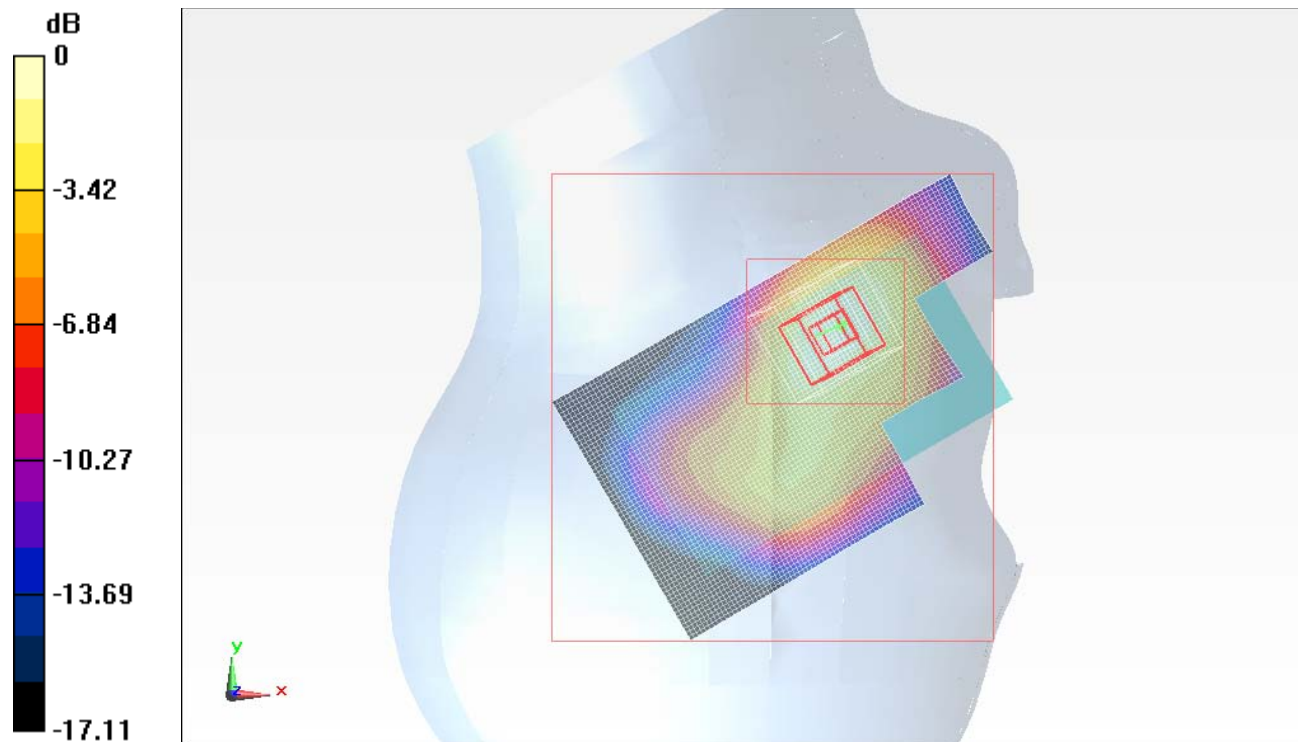
dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.757 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.623 W/kg

**SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 0.497 mW/g



0 dB = 0.500mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Touch 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Area Scan (61x101x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.474 mW/g

**Right Touch 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

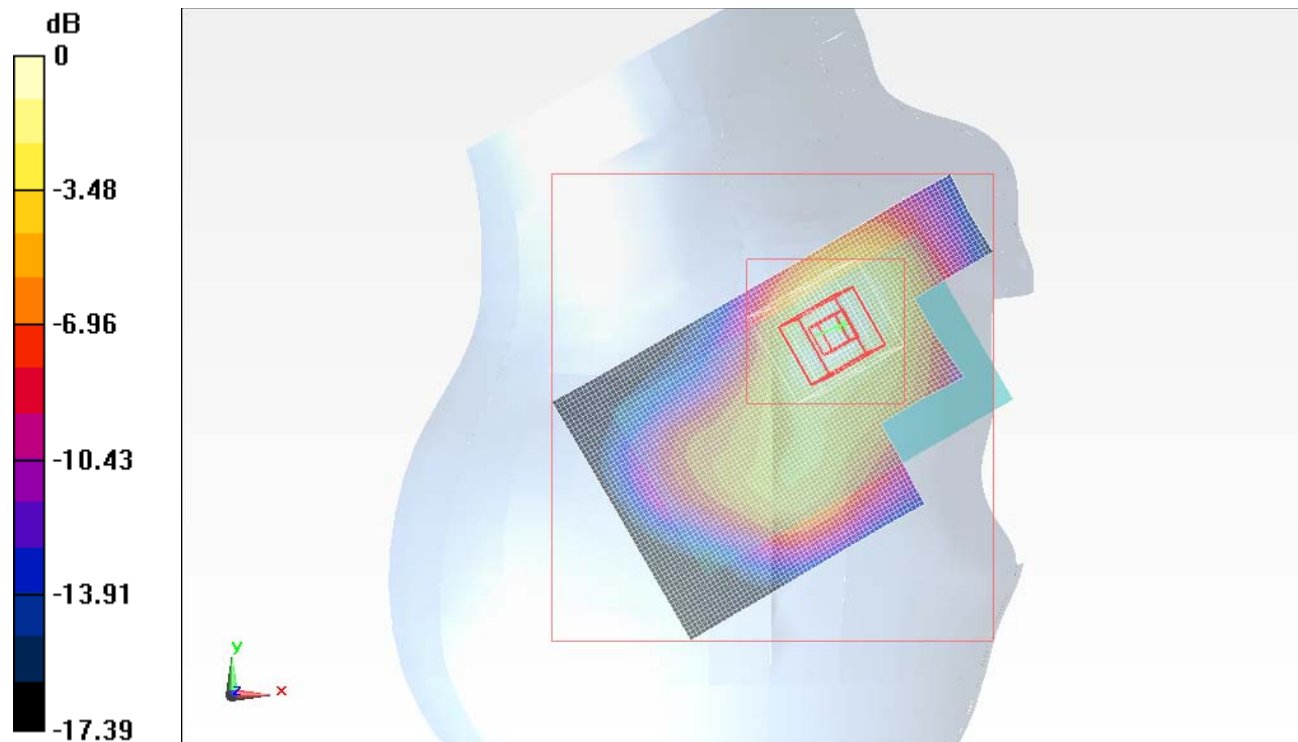
dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.784 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.636 W/kg

**SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.505 mW/g



0 dB = 0.510mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Touch 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Area Scan (61x101x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.481 mW/g

**Right Touch 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

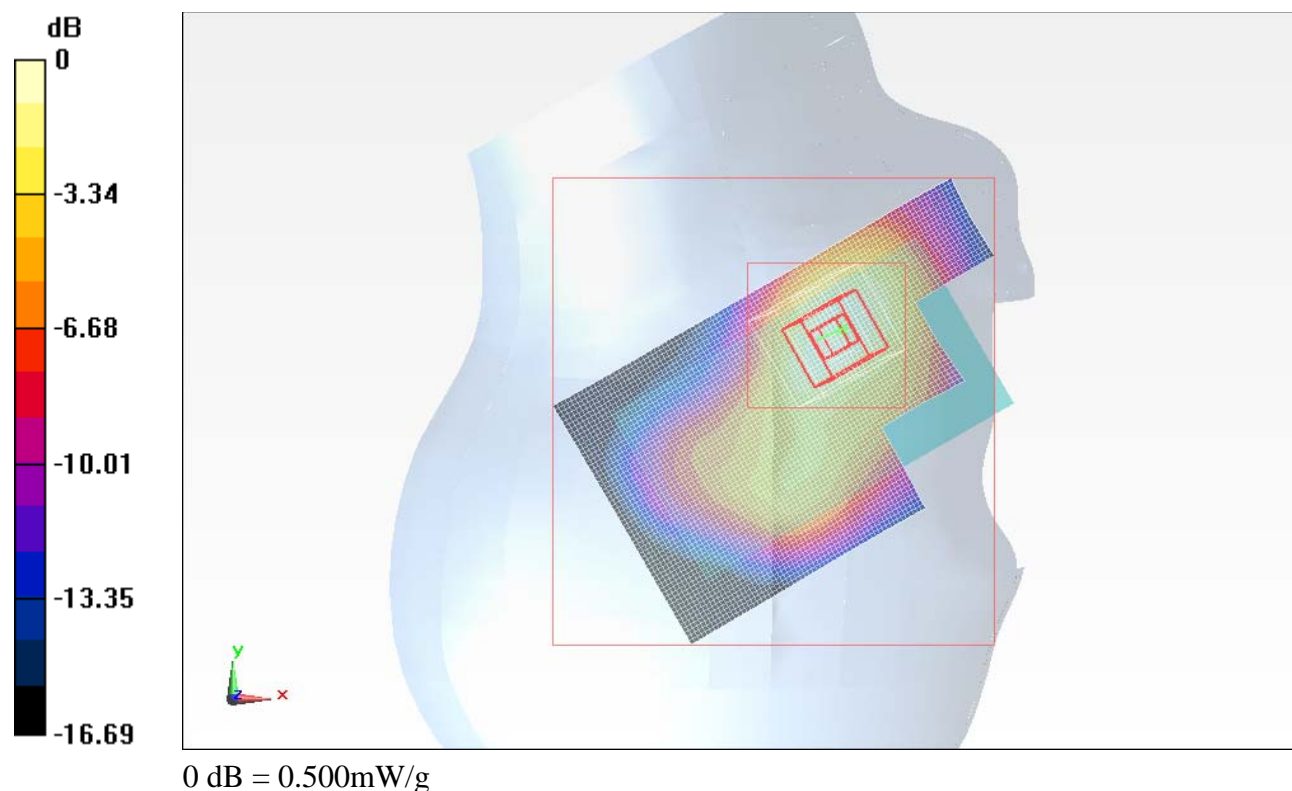
dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.861 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.246 mW/g**

Maximum value of SAR (measured) = 0.503 mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Touch 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid:

dx=15mm, dy=15mm

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

**Right Touch 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

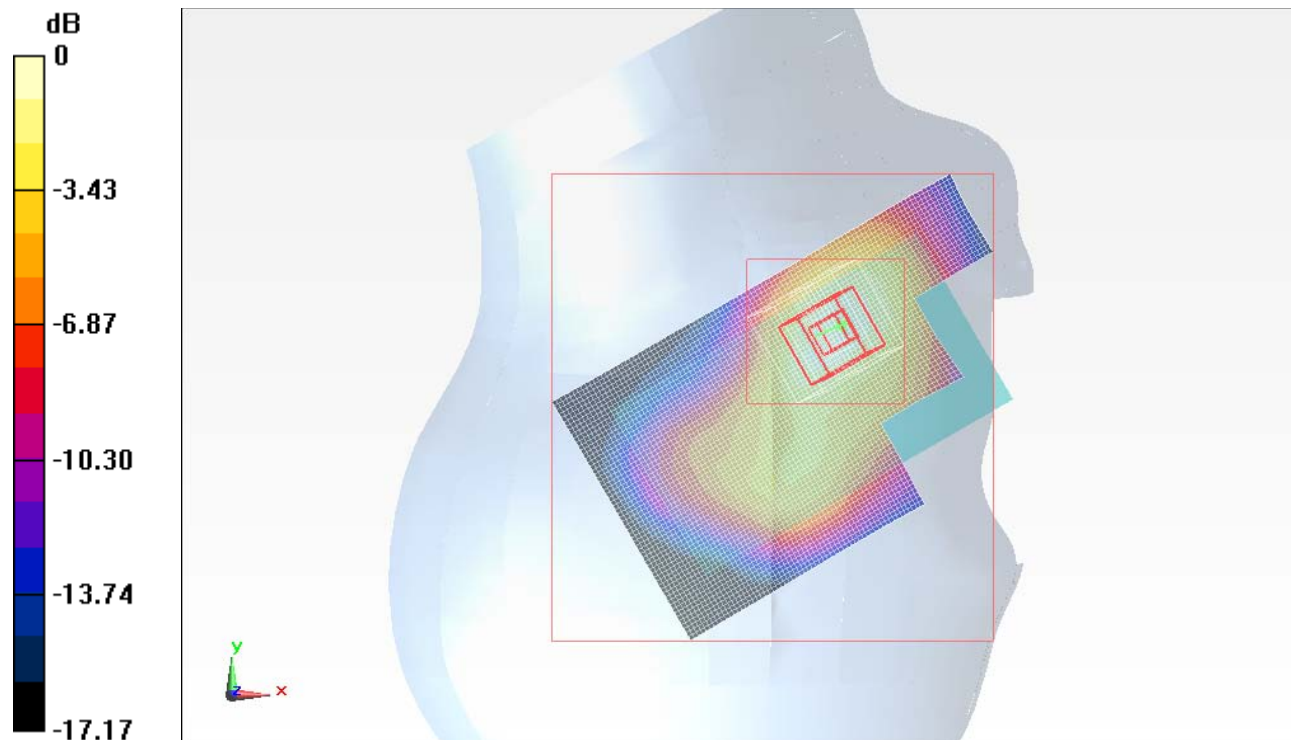
dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.691 V/m; Power Drift = -0.0069 dB

Peak SAR (extrapolated) = 0.623 W/kg

**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.497 mW/g



0 dB = 0.500mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Touch 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.542 mW/g

**Right Touch 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

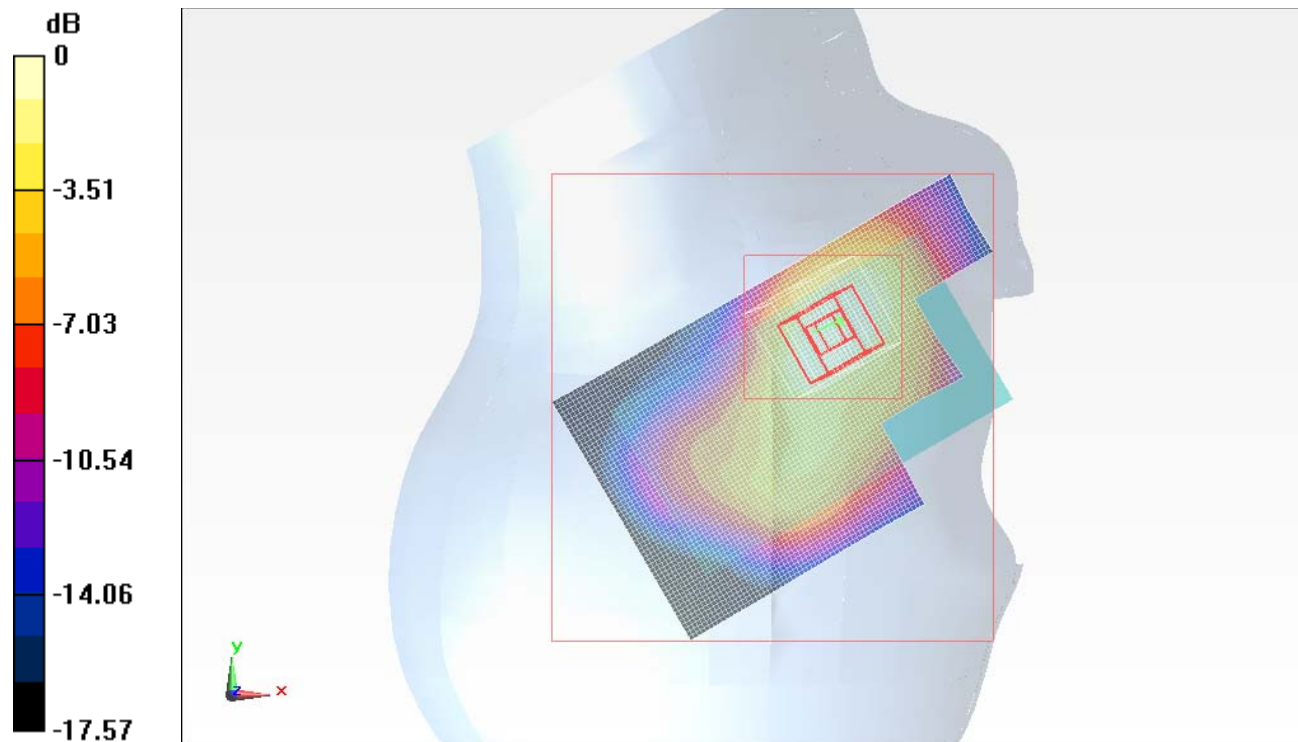
dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.676 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.686 W/kg

**SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.266 mW/g**

Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.540mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  mho/m;  $\epsilon_r = 39.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Touch 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Area Scan (61x101x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.515 mW/g

**Right Touch 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

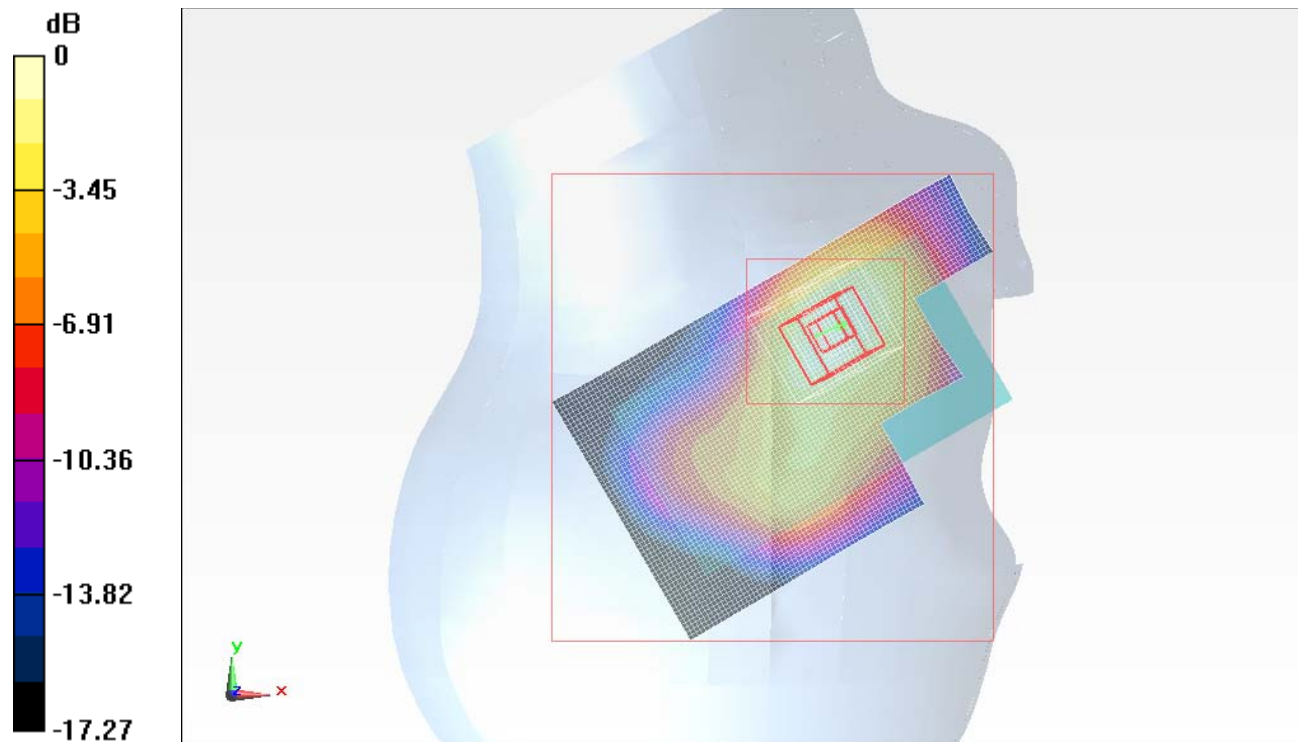
dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.554 V/m; Power Drift = 0.0037 dB

Peak SAR (extrapolated) = 0.674 W/kg

**SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.263 mW/g**

Maximum value of SAR (measured) = 0.535 mW/g



0 dB = 0.540mW/g

Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_1.4 M\_RHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

### Right Touch 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Area Scan (61x101x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.522 mW/g

### Right Touch 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

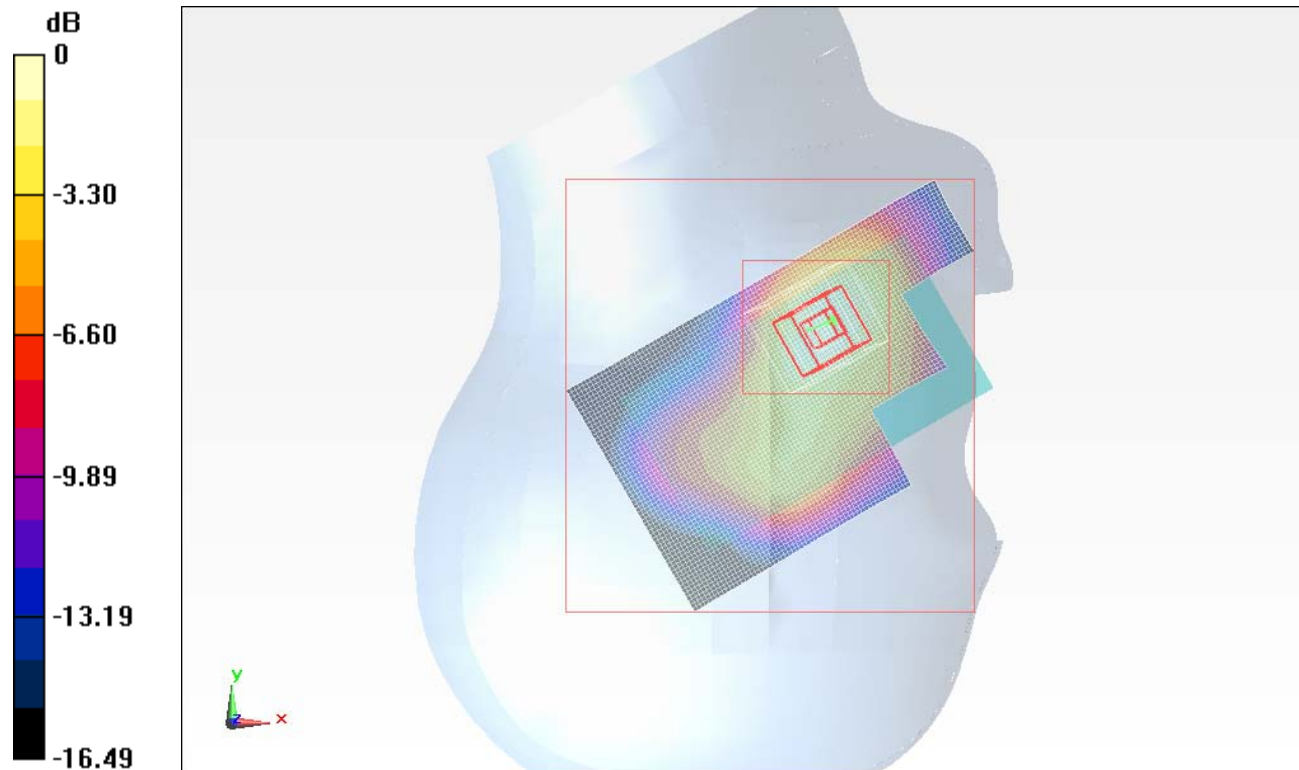
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.389 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.692 W/kg

**SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.278 mW/g**

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



0 dB = 0.560mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right Touch 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 0.559 mW/g

**Right Touch 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

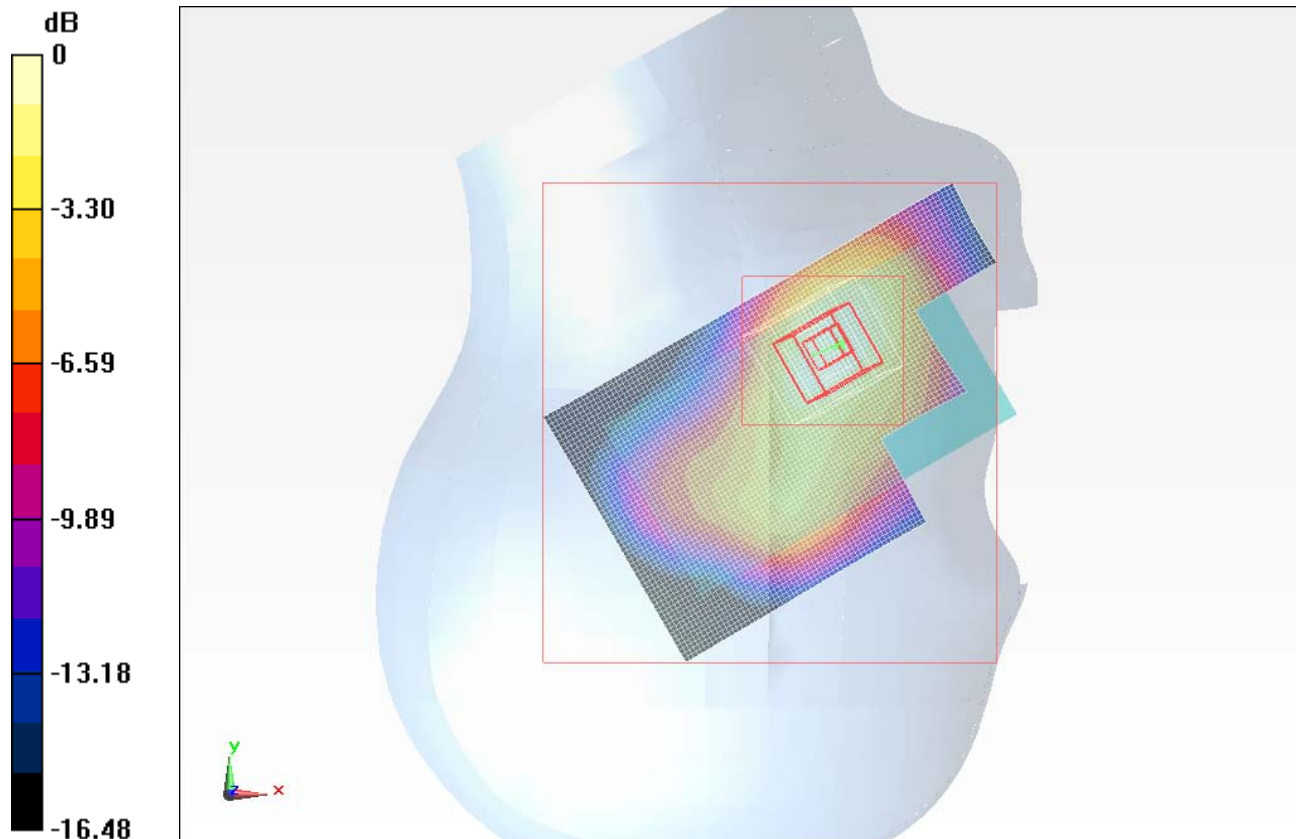
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.947 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.746 W/kg

**SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.296 mW/g**

Maximum value of SAR (measured) = 0.587 mW/g



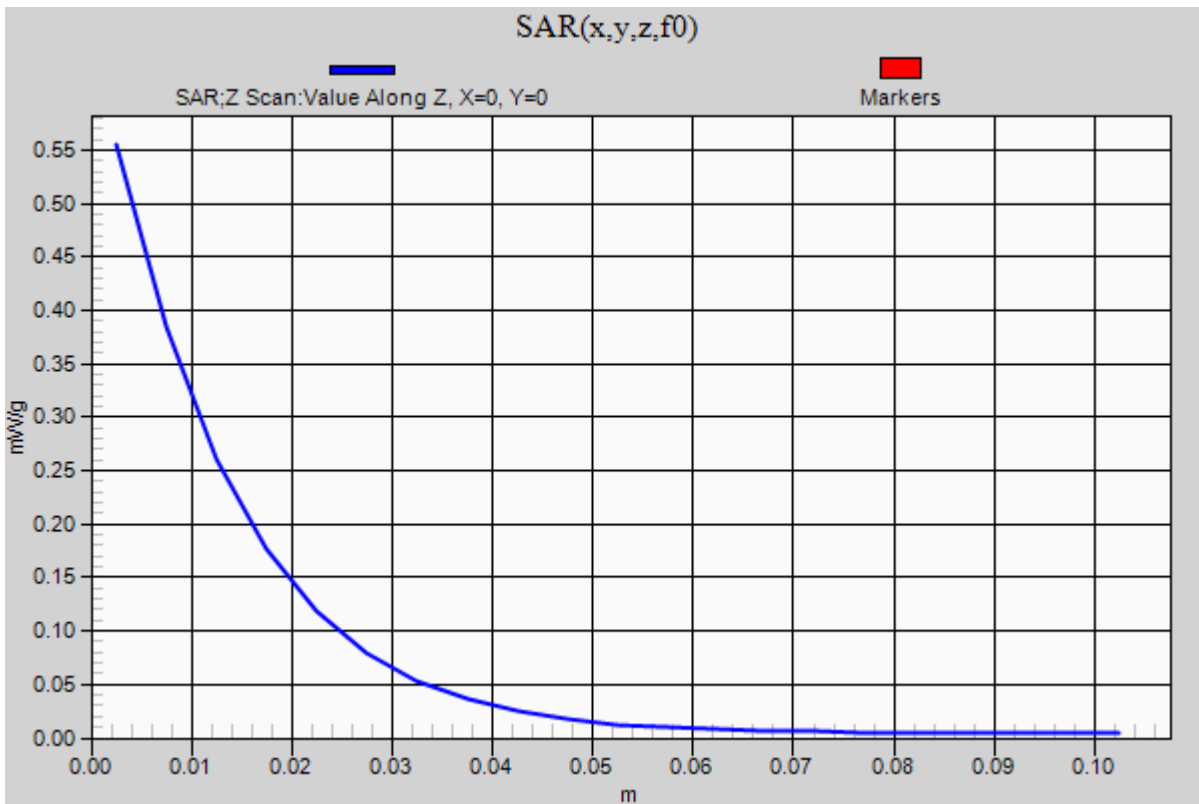
0 dB = 0.590mW/g

Test Laboratory: UL CCS SAR Lab A

### LTE Band 2\_1.4 M\_RHS 09132011

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

**Right Touch 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.555 mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

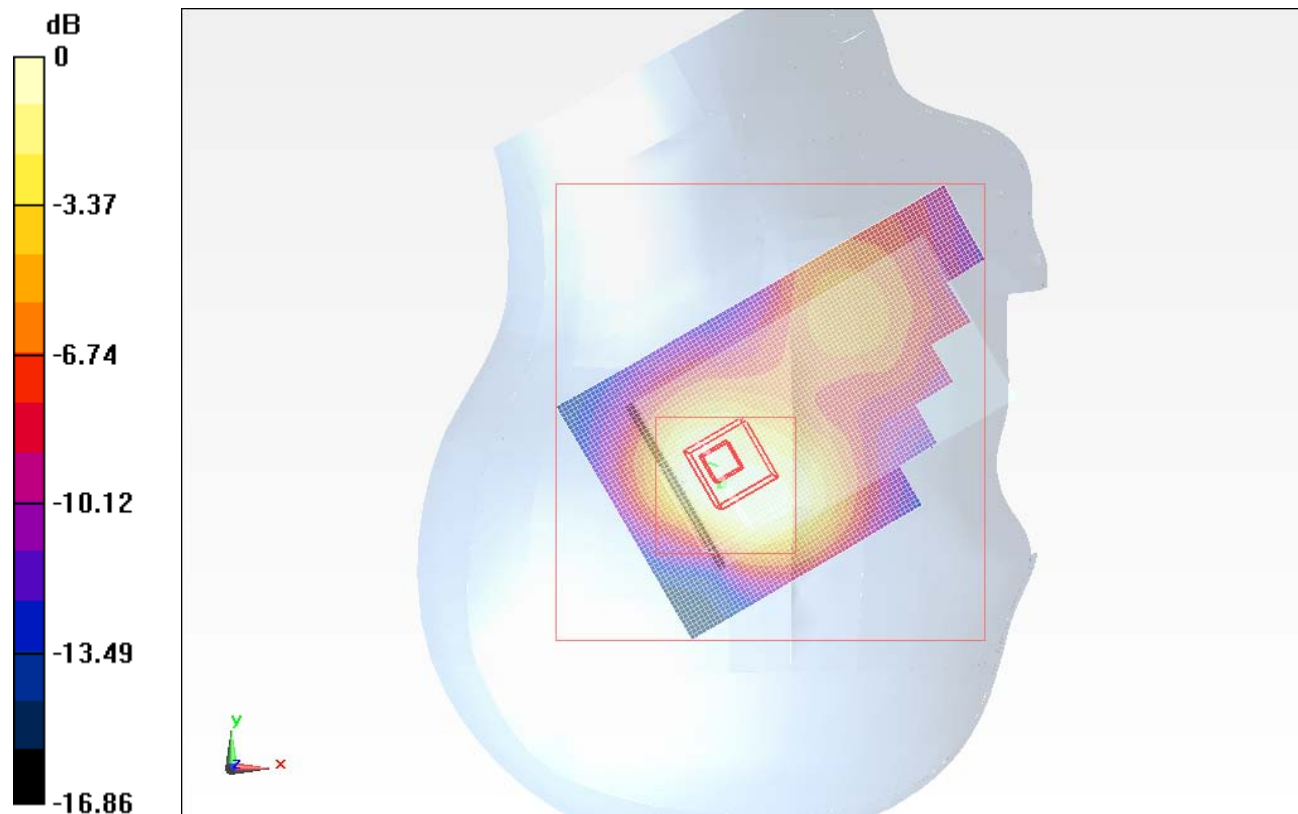
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.260 mW/g

**Right Tilt 1.4MHz/QPSK\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 12.064 V/m; Power Drift = 0.0036 dB  
 Peak SAR (extrapolated) = 0.302 W/kg  
**SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.117 mW/g**  
 Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab A

## LTE Band 2\_1.4 M\_RHS

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

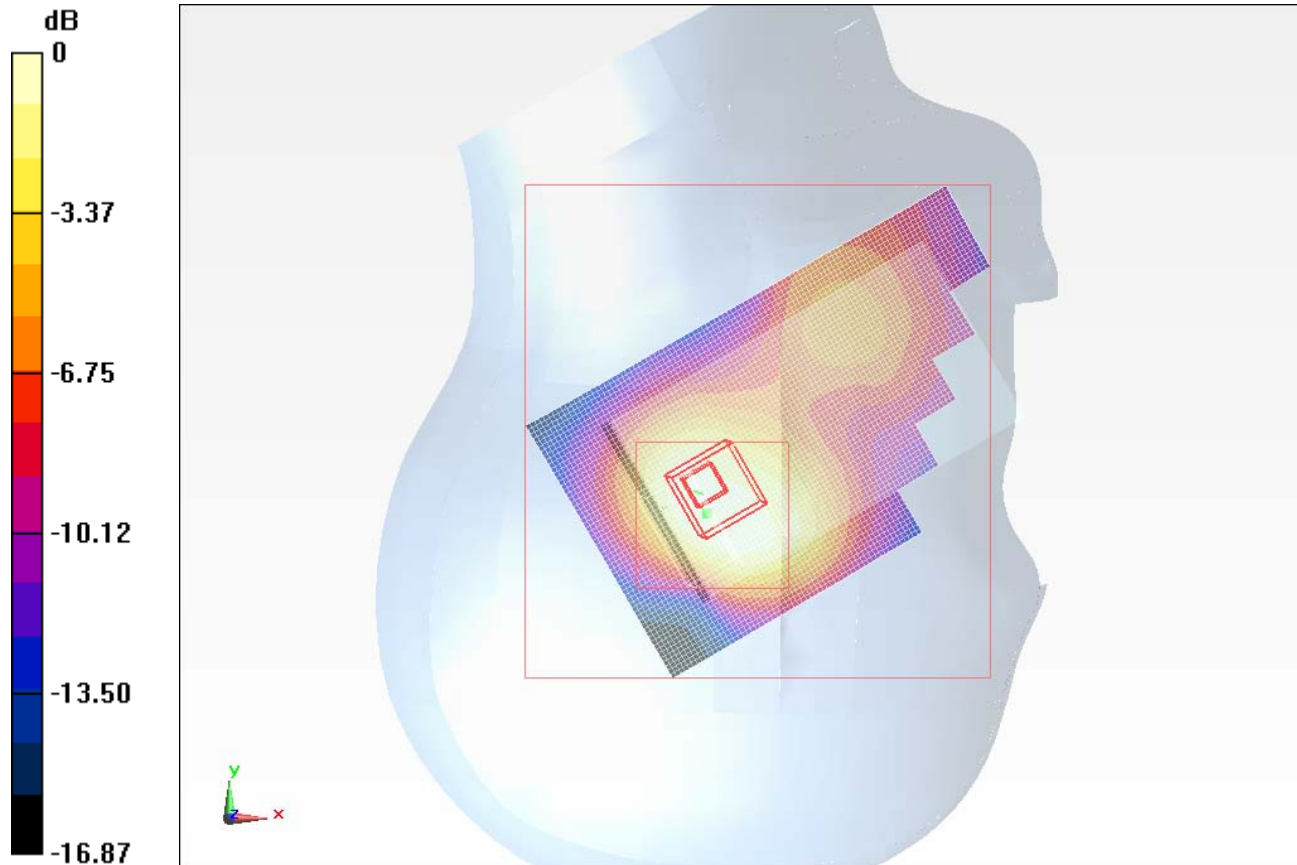
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.259 mW/g

**Right Tilt 1.4MHz/QPSK\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.104 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 0.297 W/kg  
**SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.117 mW/g**  
Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.264 mW/g

**Right Tilt 1.4MHz/QPSK\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

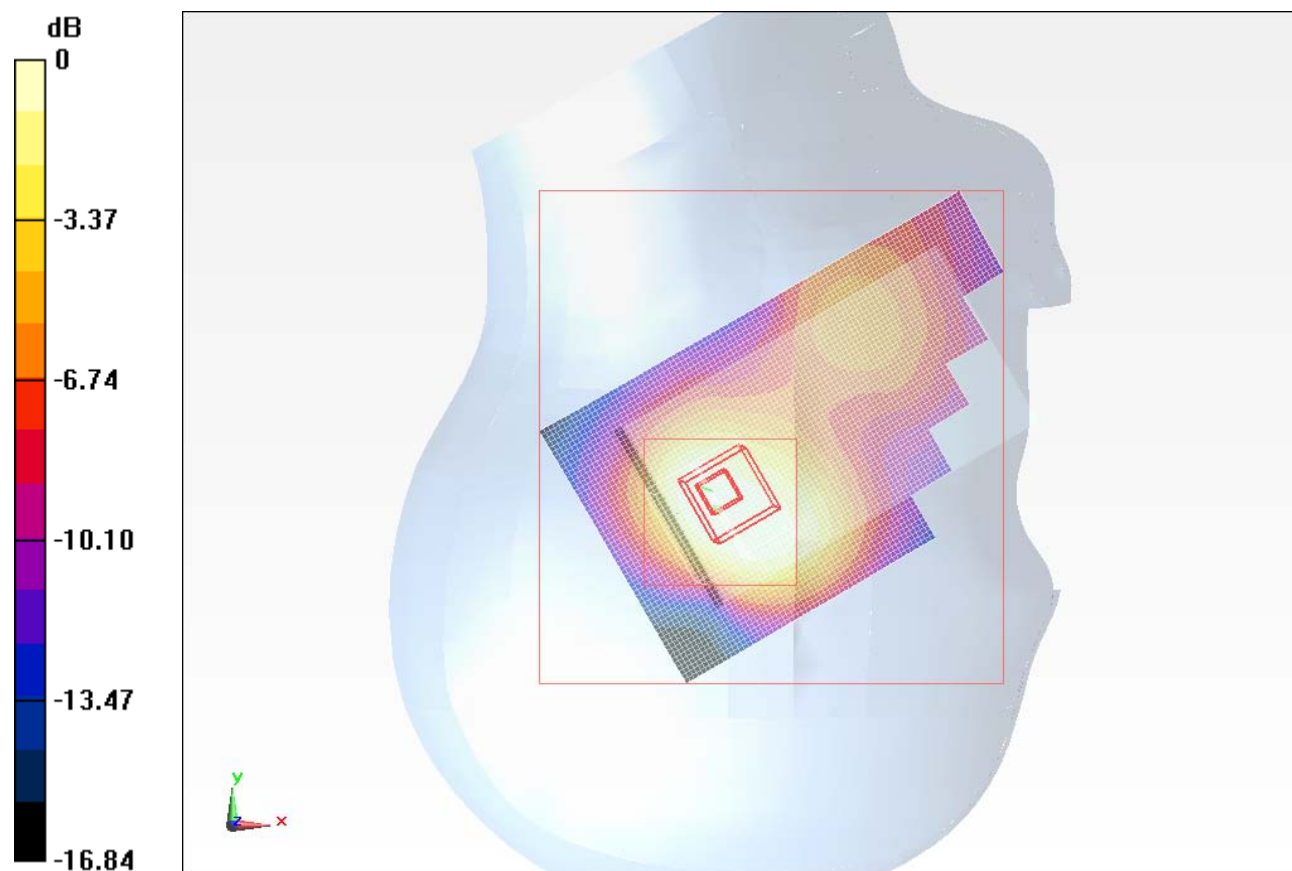
dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.911 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.293 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.220mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.242 mW/g

**Right Tilt 1.4MHz/QPSK\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

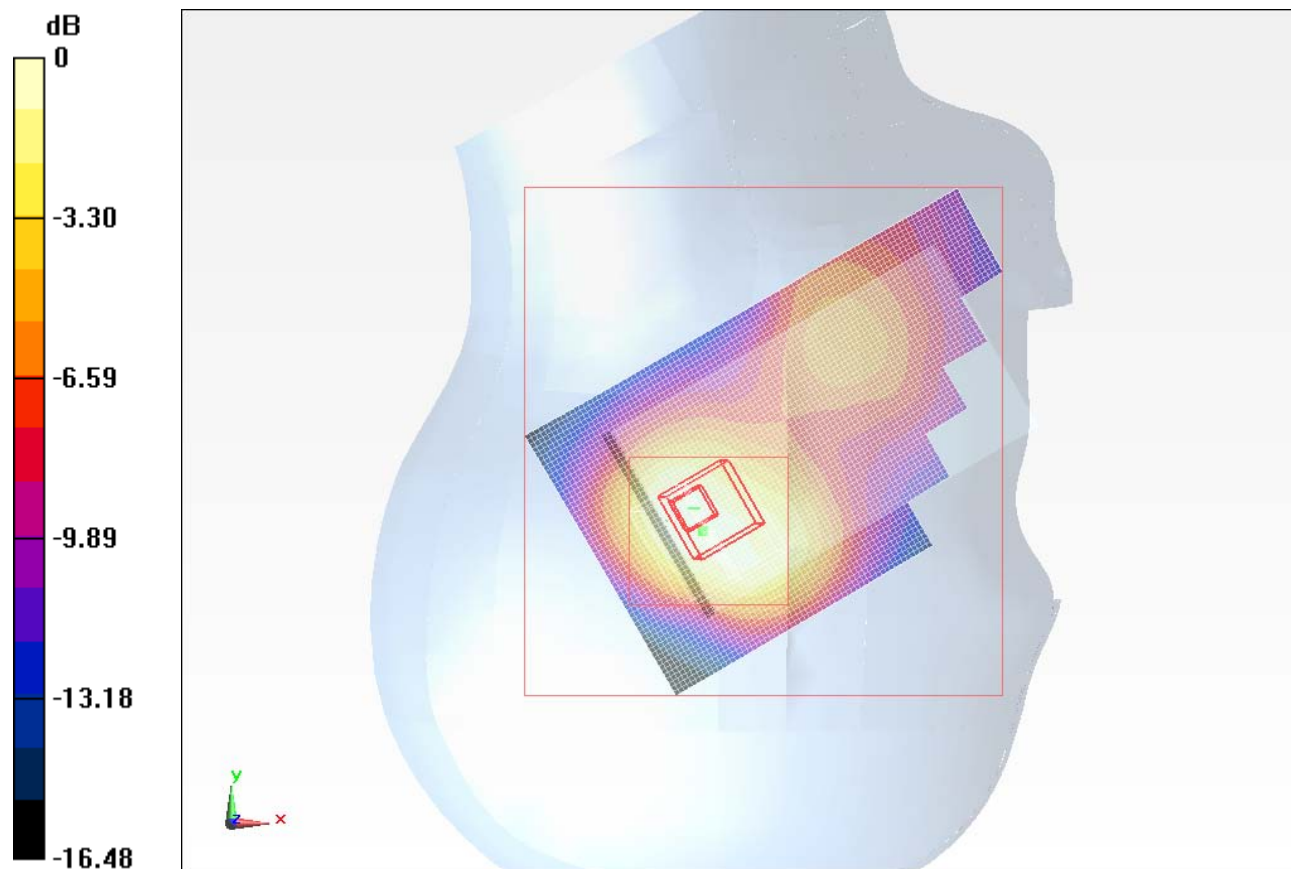
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.936 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.302 W/kg

**SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.117 mW/g**

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.240mW/g



Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

**Right Tilt 1.4MHz/16QAM\_#RB1\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

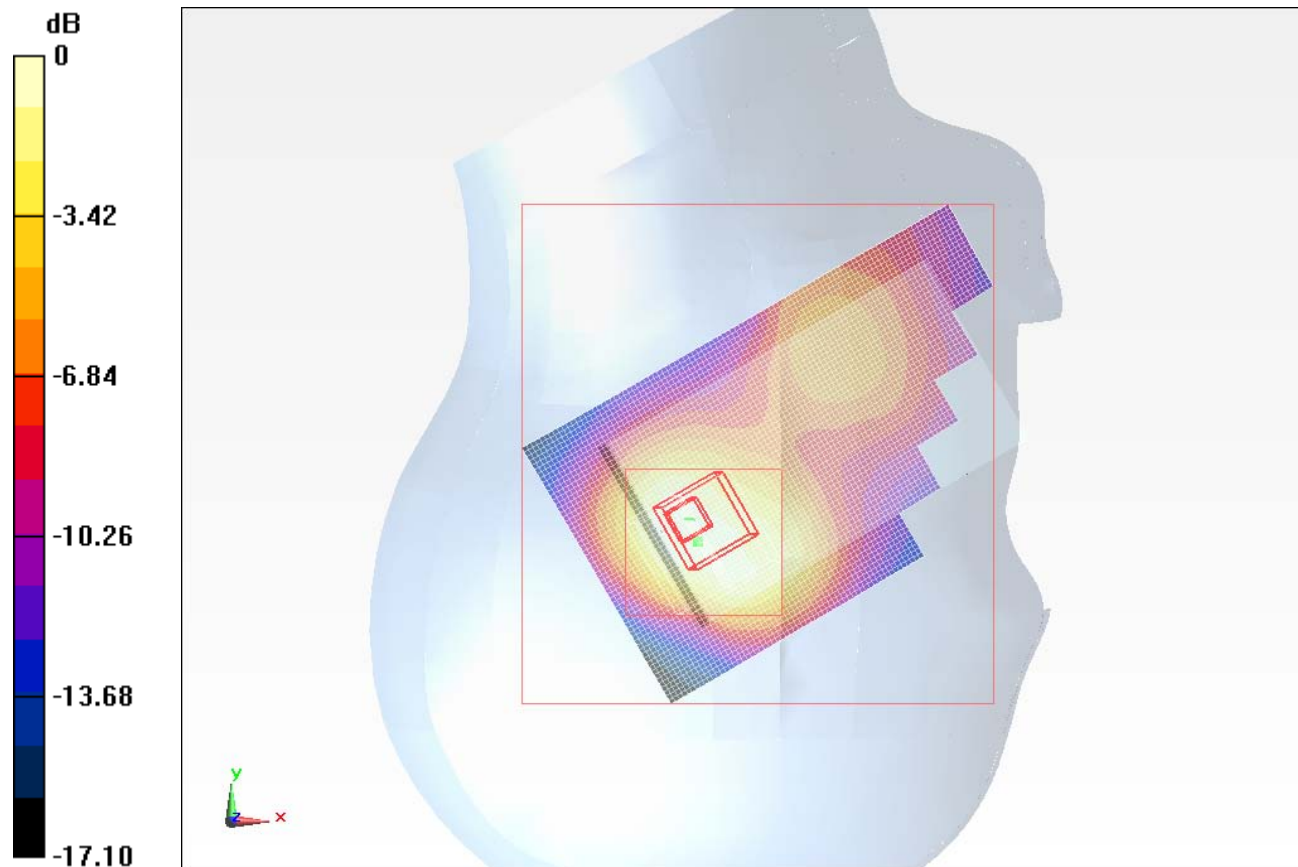
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.060 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.119 mW/g**

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.240mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 mW/g

**Right Tilt 1.4MHz/16QAM\_#RB1\_RB5\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

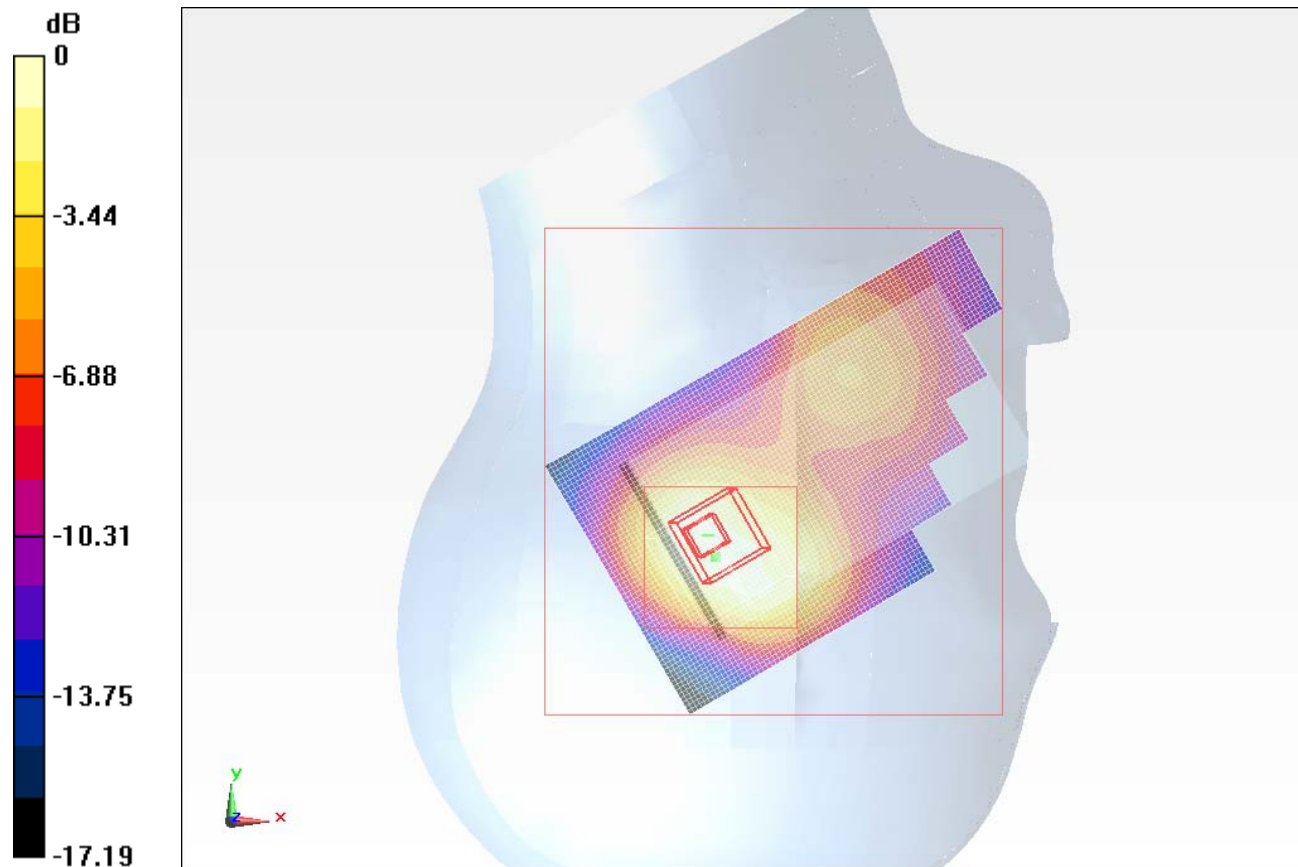
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.208 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.311 W/kg

**SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.121 mW/g**

Maximum value of SAR (measured) = 0.243 mW/g



0 dB = 0.240mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.239 mW/g

**Right Tilt 1.4MHz/16QAM\_#RB3\_RB2\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

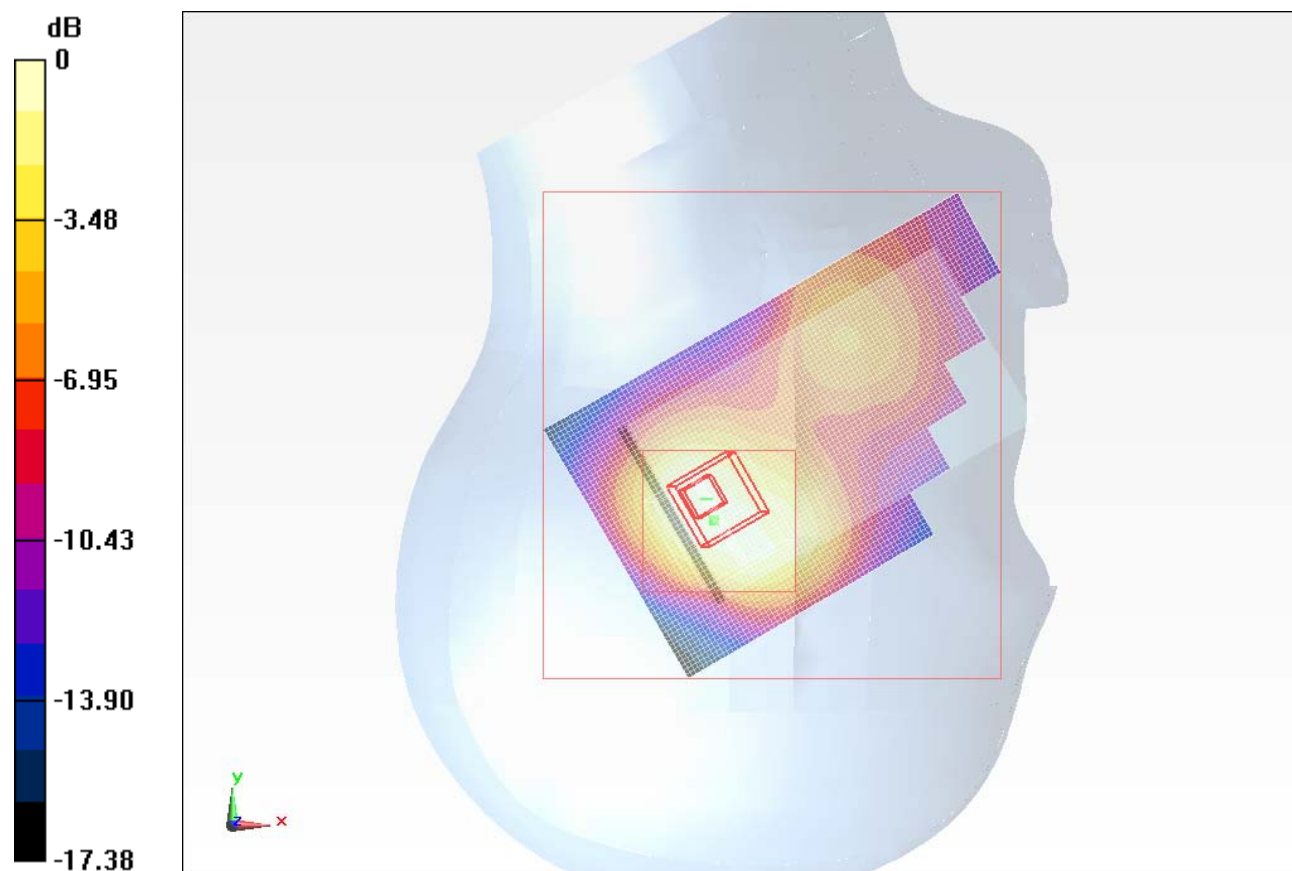
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.901 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab A

**LTE Band 2\_1.4 M\_RHS**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.42, 7.42, 7.42); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right Tilt 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.255 mW/g

**Right Tilt 1.4MHz/16QAM\_#RB6\_RB0\_M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

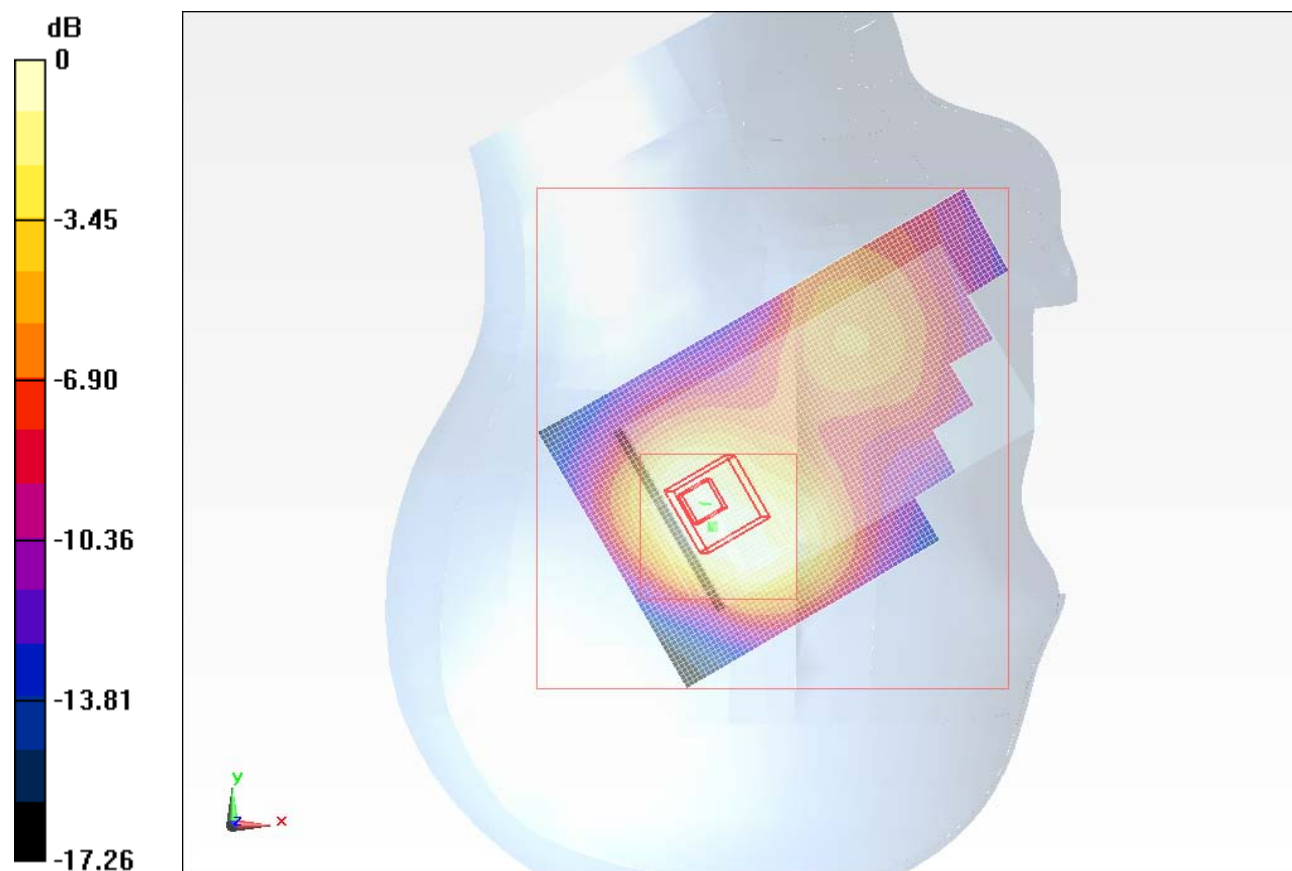
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.243 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.121 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.240mW/g