

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 52.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#100,0\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.927 mW/g

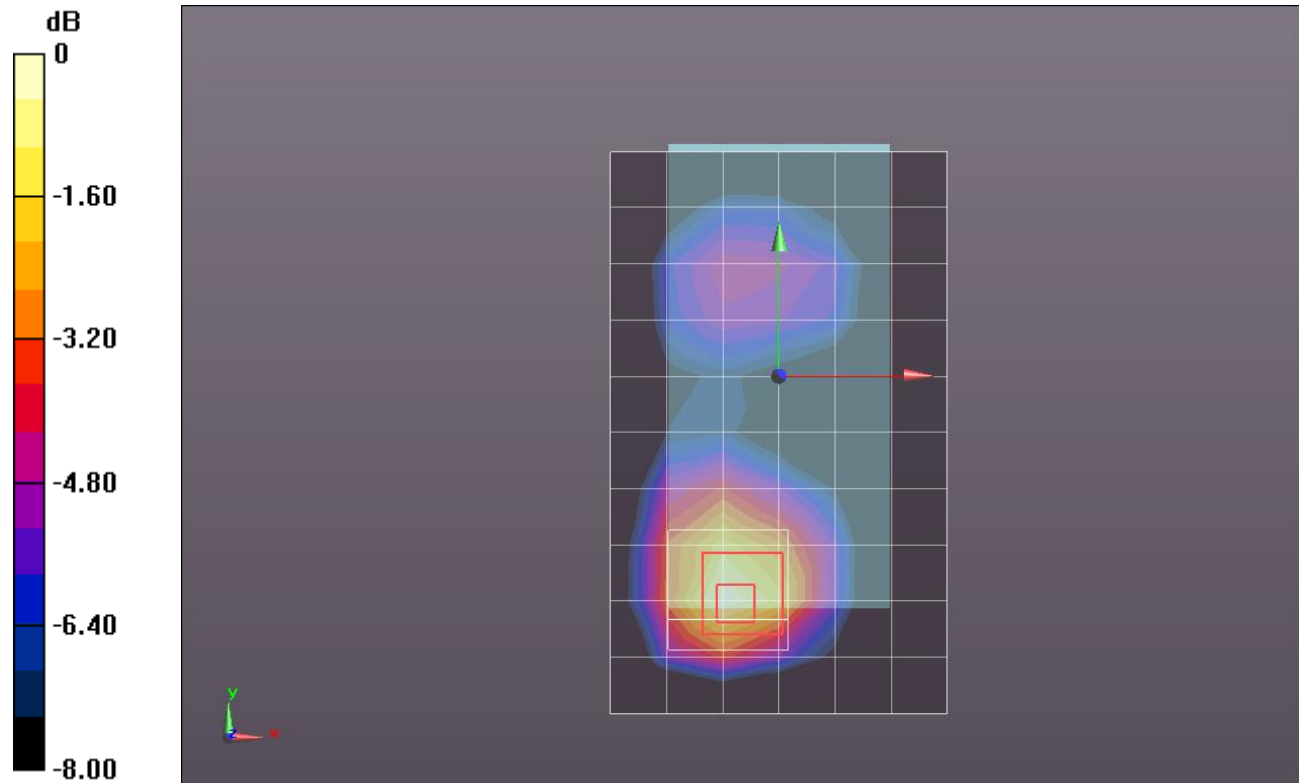
**Rear/QPSK\_RB#100,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.597 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.3210

**SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.401 mW/g**

Maximum value of SAR (measured) = 0.925 mW/g



0 dB = 0.930mW/g = -0.63 dB mW/g

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DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,0\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.469 mW/g

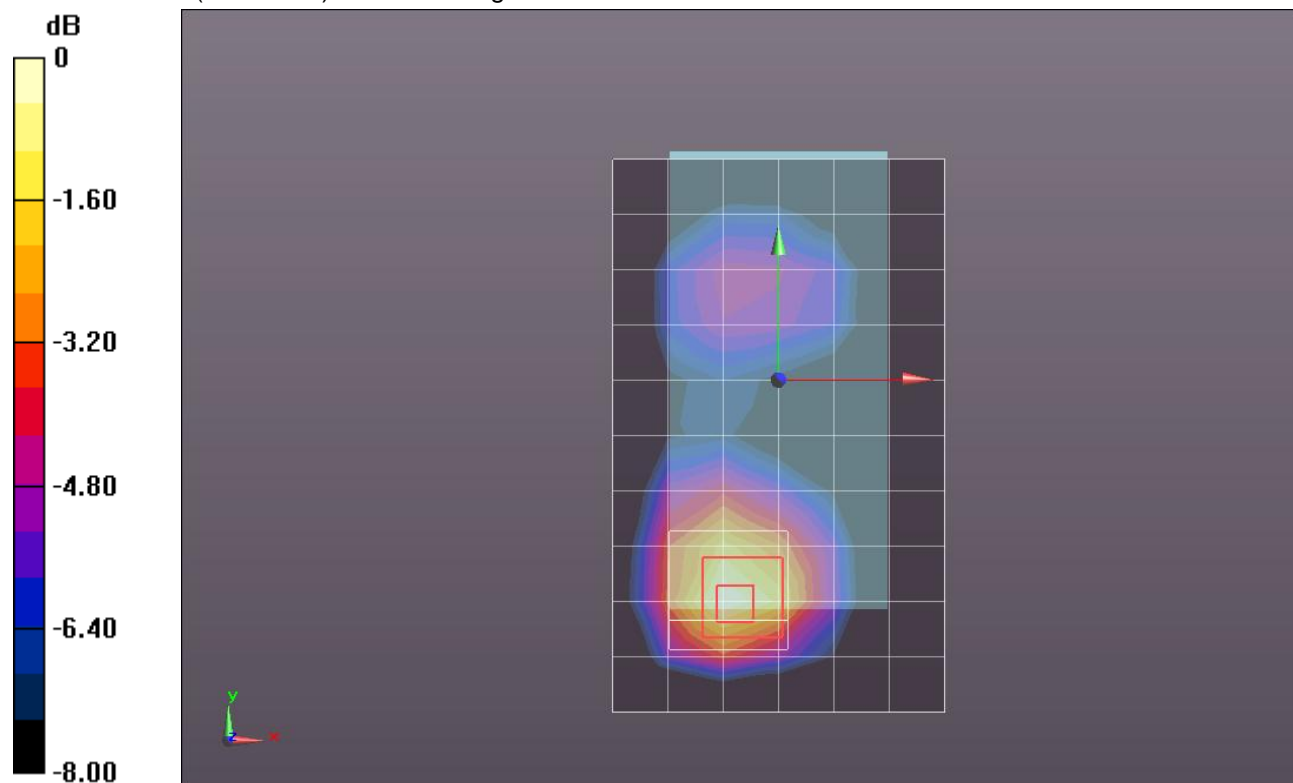
**Rear/QPSK\_RB#1,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.021 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.0490

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.624 mW/g**

Maximum value of SAR (measured) = 1.448 mW/g



0 dB = 1.450mW/g = 3.23 dB mW/g

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DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,49\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.110 mW/g

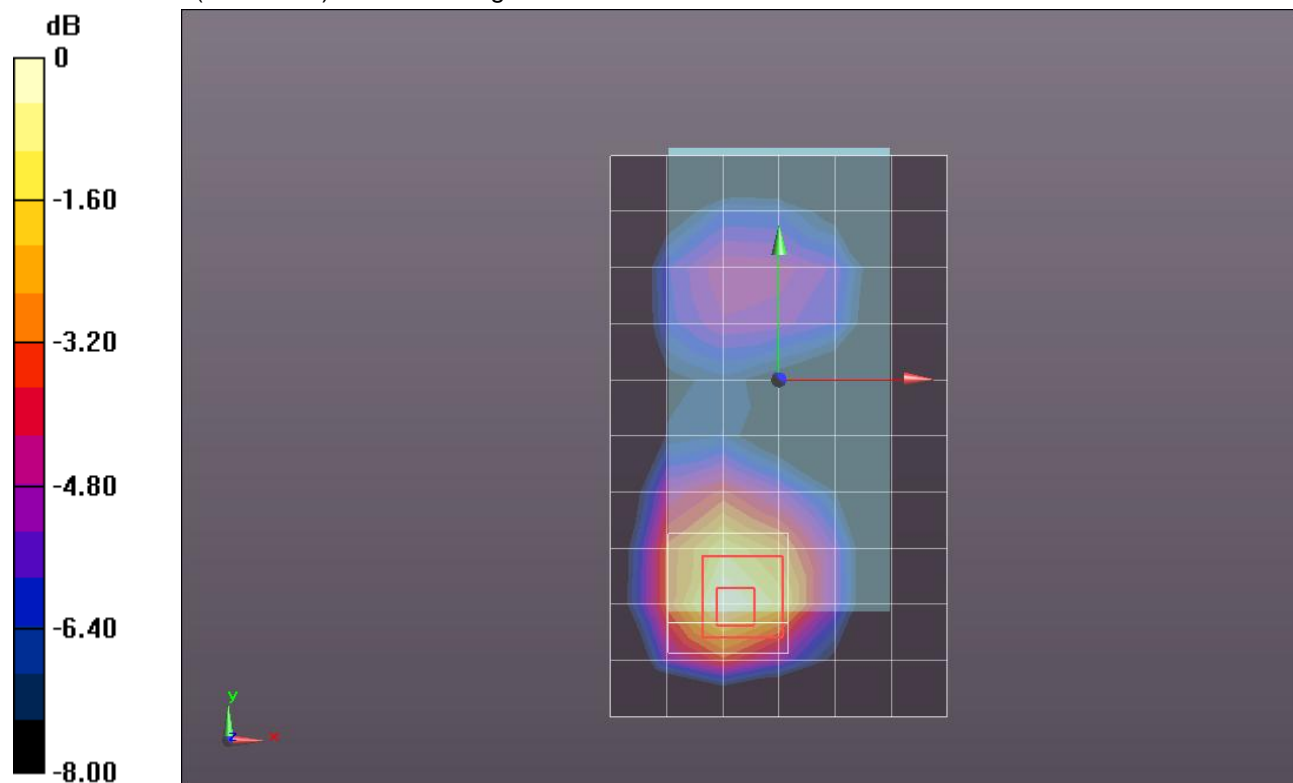
**Rear/QPSK\_RB#1,49\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.646 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.5430

**SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.470 mW/g**

Maximum value of SAR (measured) = 1.084 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 52.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,99\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.071 mW/g

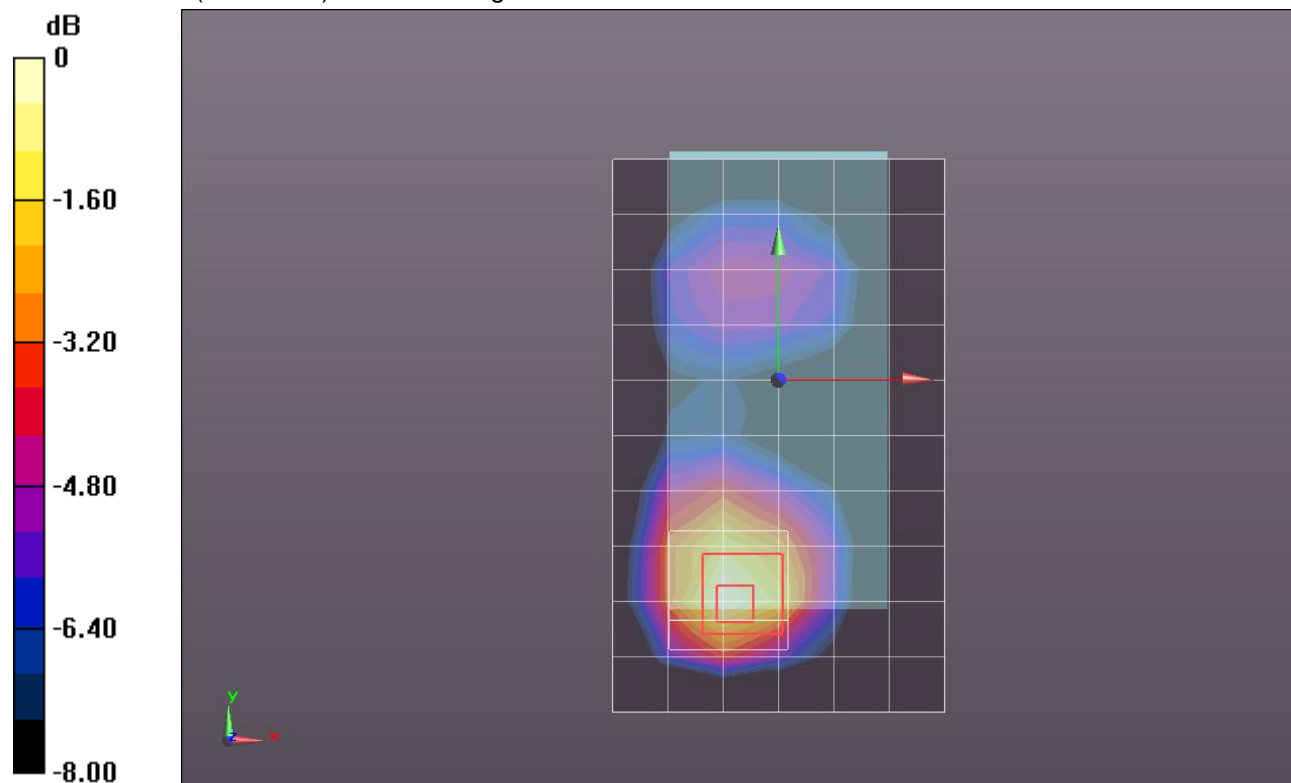
**Rear/QPSK\_RB#1,99\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.305 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.4980

**SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.455 mW/g**

Maximum value of SAR (measured) = 1.049 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.20 mW/g

**Rear/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,

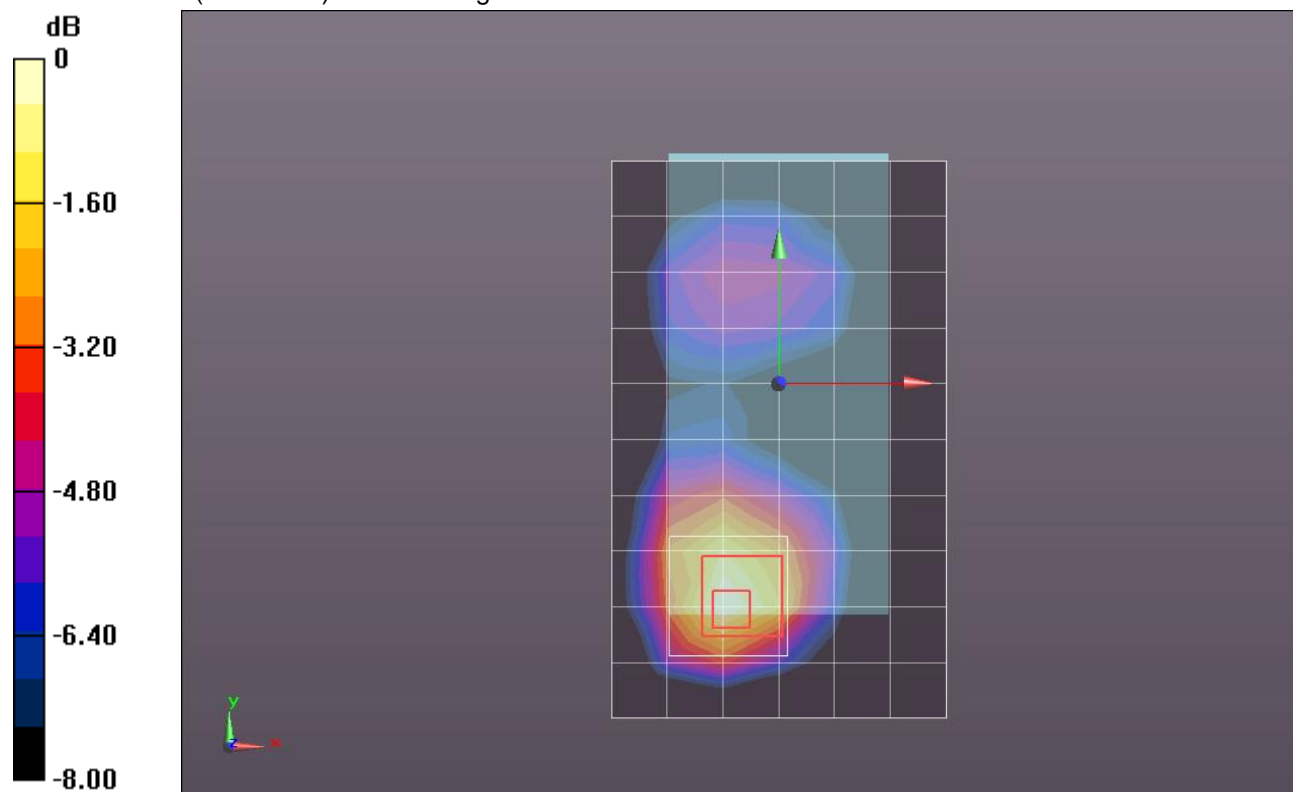
dz=5mm

Reference Value = 28.464 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.669 mW/g

**SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.506 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17 mW/g = 1.36 dB mW/g

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.151 mW/g

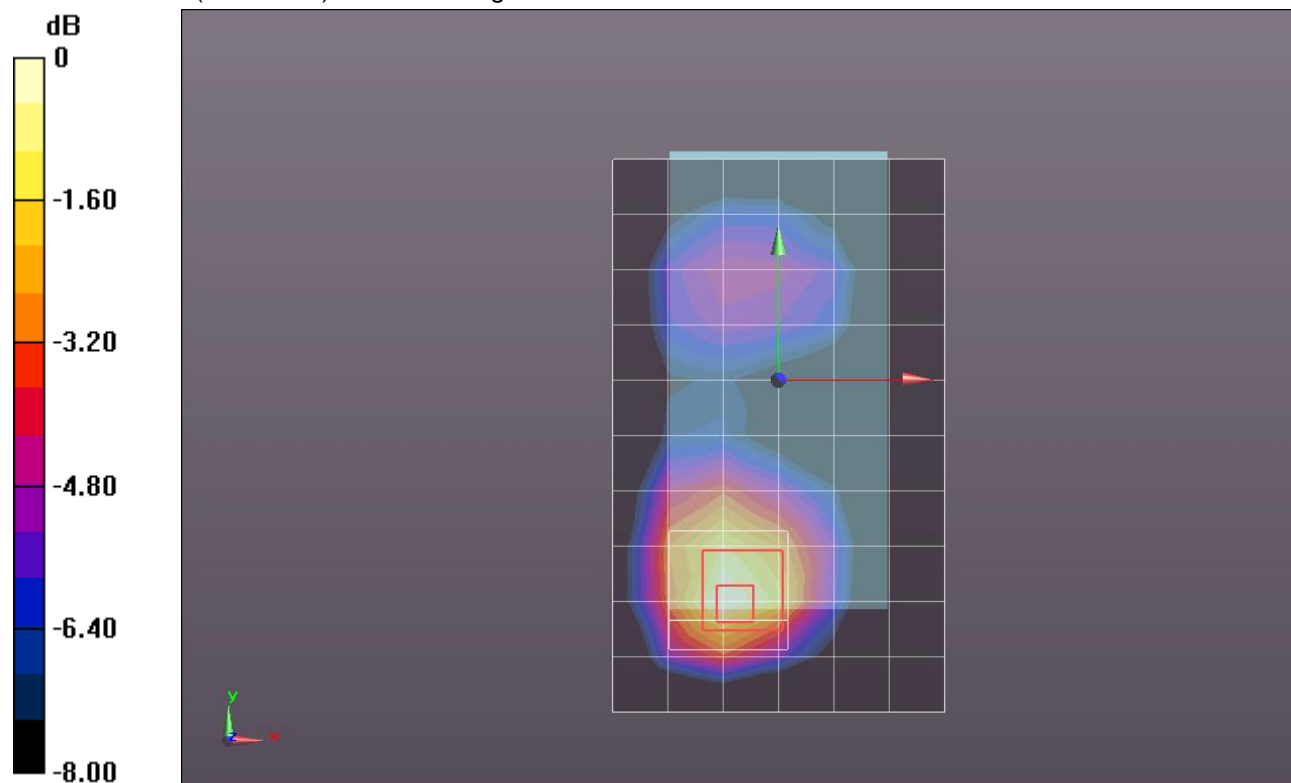
**Rear/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.852 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.5870

**SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 1.113 mW/g



0 dB = 1.110mW/g = 0.91 dB mW/g

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Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.505 mW/g

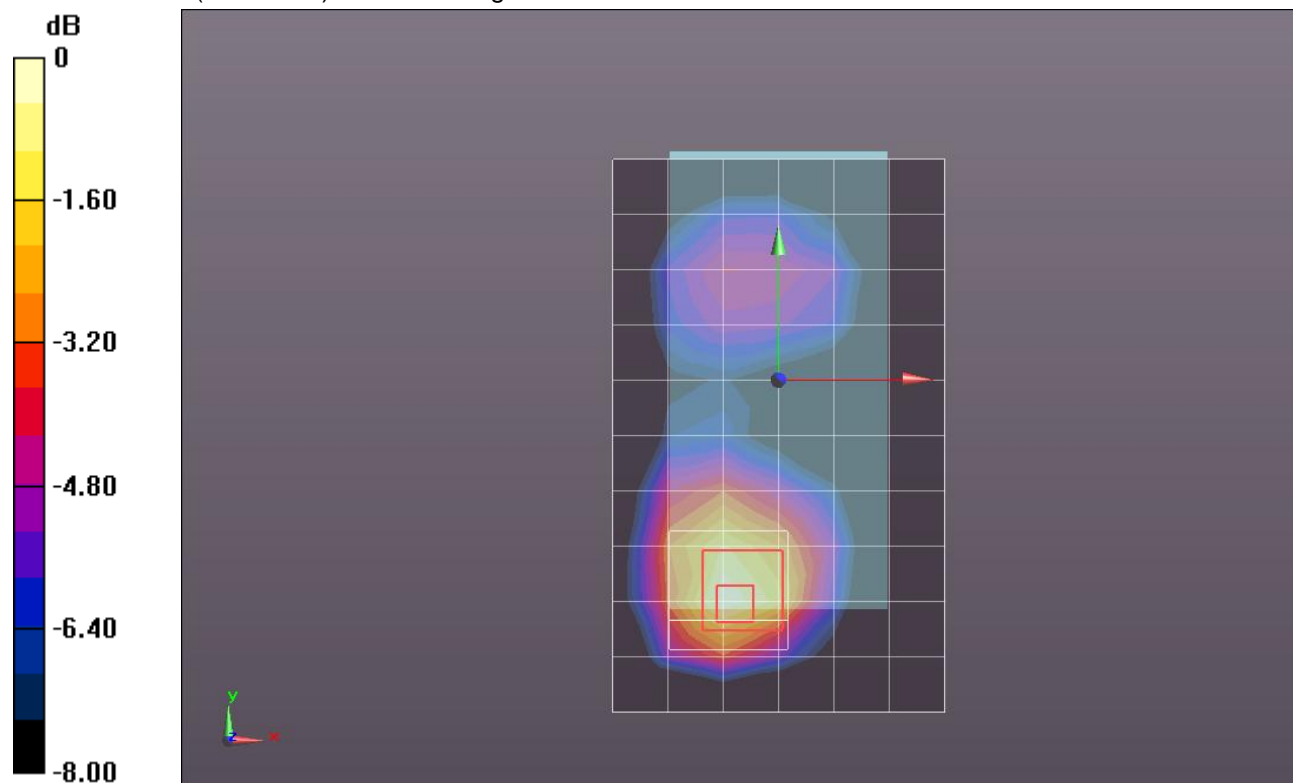
**Rear/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.138 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.1470

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.656 mW/g**

Maximum value of SAR (measured) = 1.507 mW/g

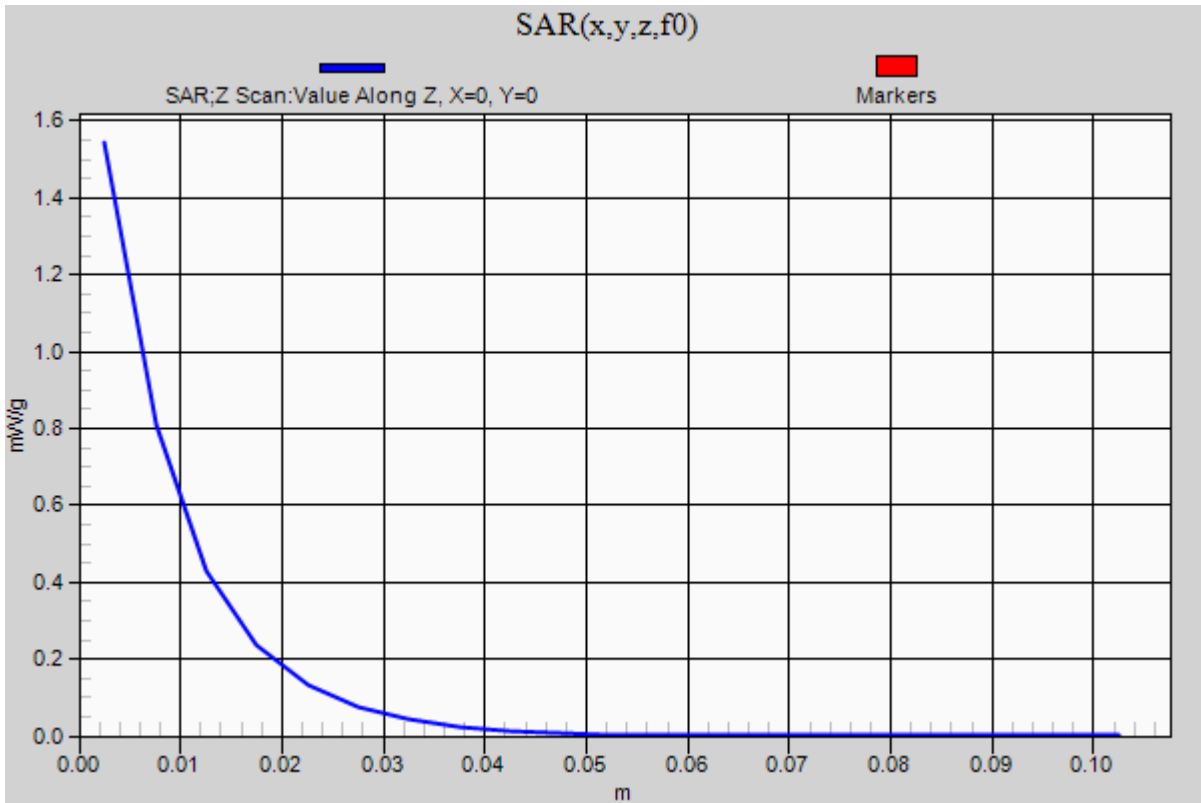


0 dB = 1.510mW/g = 3.58 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1

**Rear/QPSK\_RB#1,49\_Ch 18900/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.543 mW/g





## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 51.833$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,49\_Ch 18900 w/Headset/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.432 mW/g

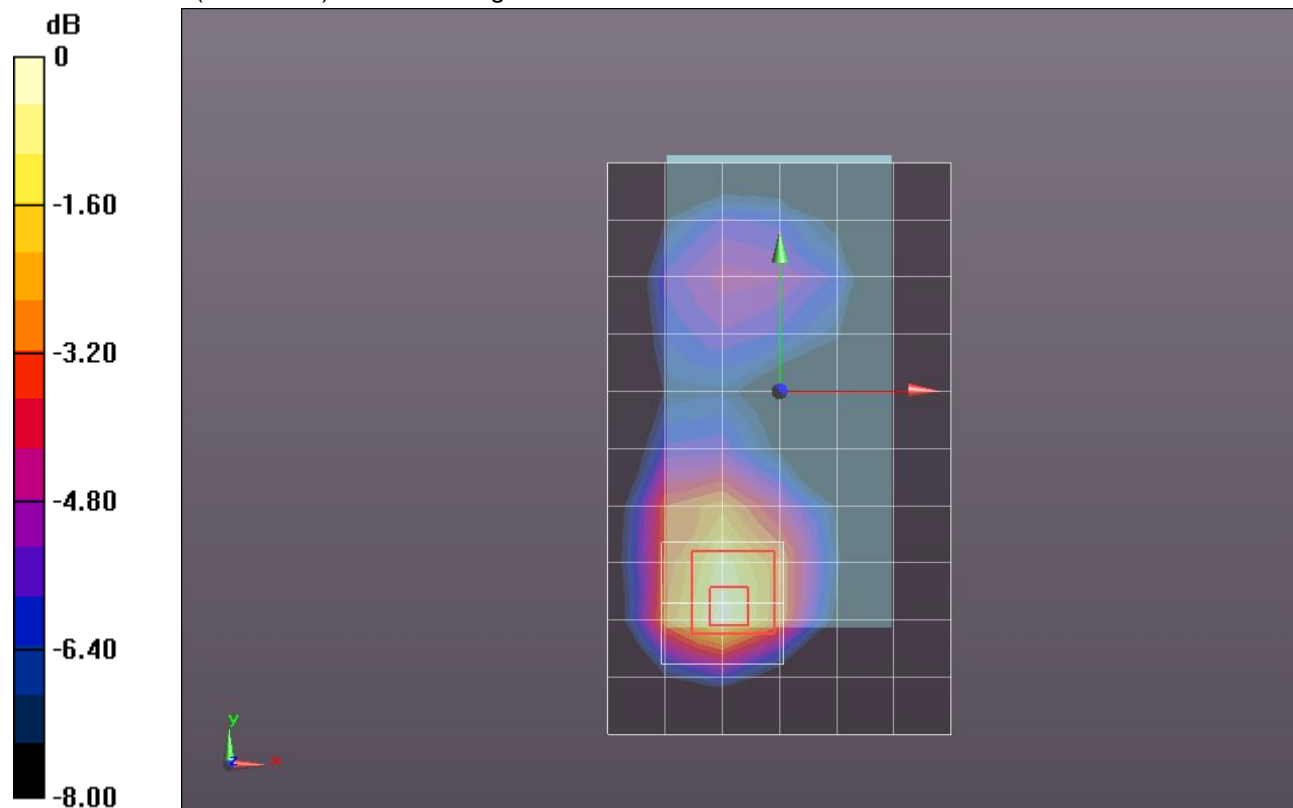
**Rear/QPSK\_RB#1,49\_Ch 18900 w/Headset/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.291 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.0090

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.615 mW/g**

Maximum value of SAR (measured) = 1.476 mW/g



0 dB = 1.480mW/g = 3.41 dB mW/g

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Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.179 mW/g

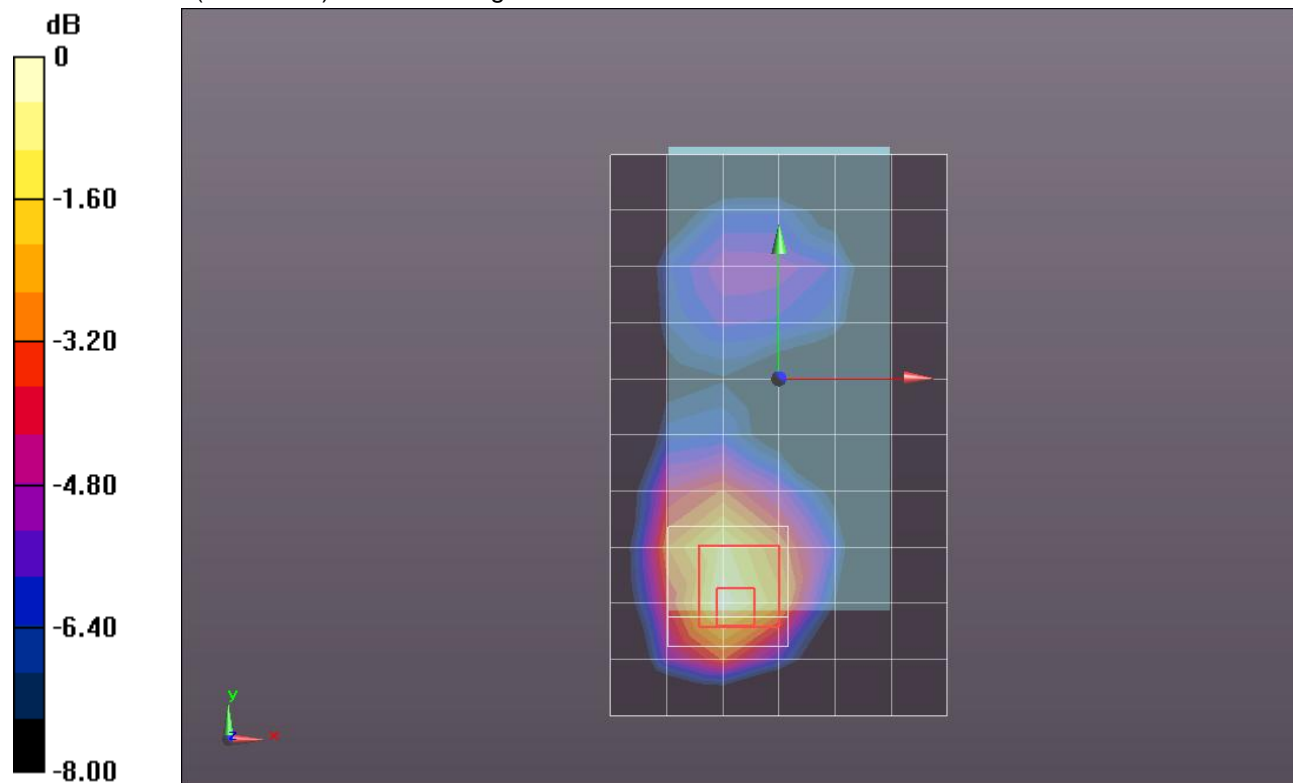
**Rear/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.159 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.7060

**SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.501 mW/g**

Maximum value of SAR (measured) = 1.233 mW/g



0 dB = 1.230mW/g = 1.80 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#100,0\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.867 mW/g

**Rear/QPSK\_RB#100,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,

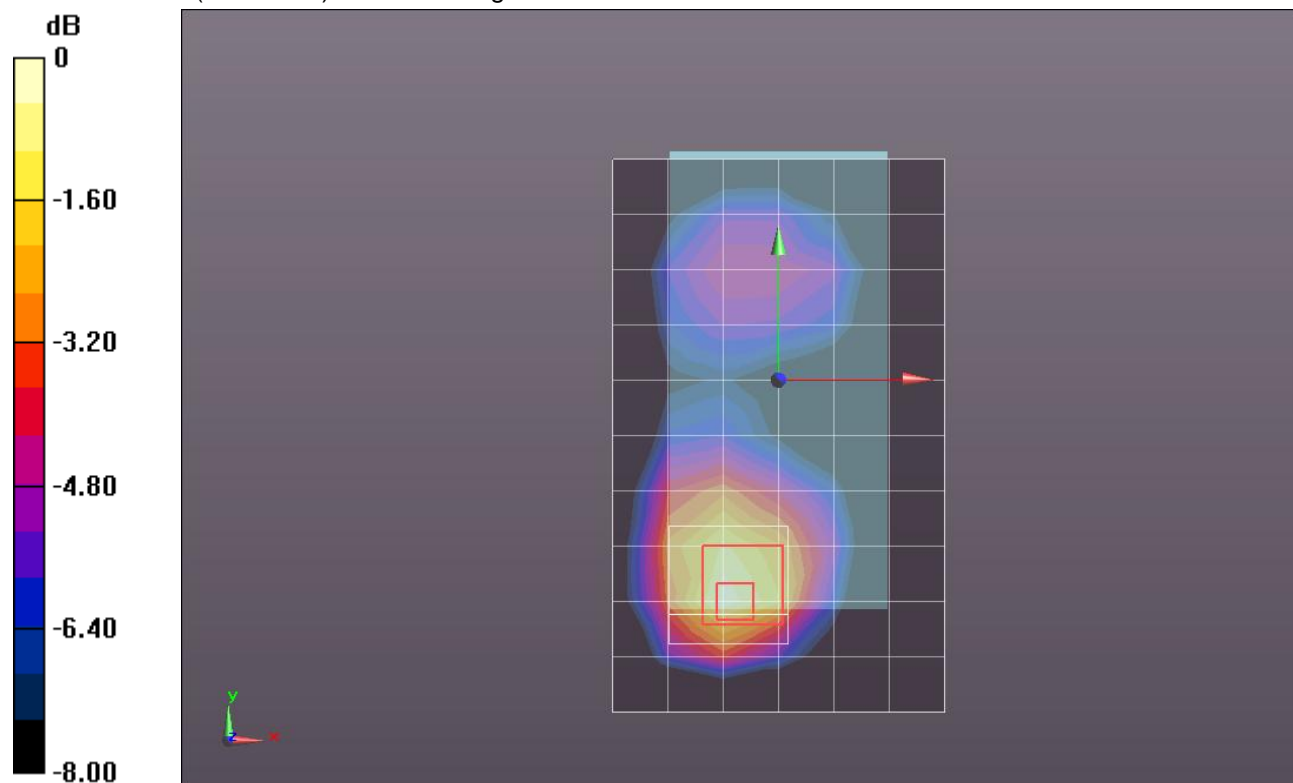
dz=5mm

Reference Value = 24.182 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.2400

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.370 mW/g**

Maximum value of SAR (measured) = 0.889 mW/g



0 dB = 0.890mW/g = -1.01 dB mW/g

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Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,0\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.093 mW/g

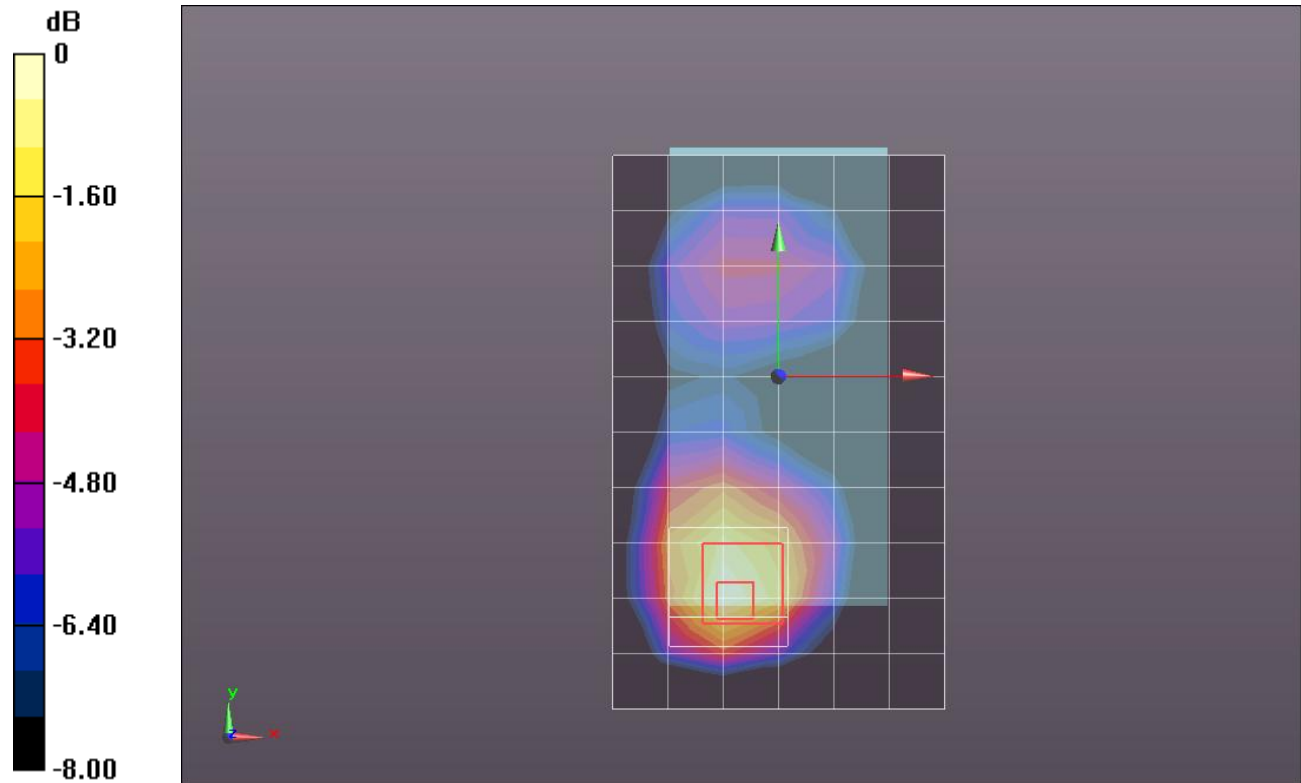
**Rear/QPSK\_RB#1,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.141 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.5520

**SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.470 mW/g**

Maximum value of SAR (measured) = 1.084 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,49\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.961 mW/g

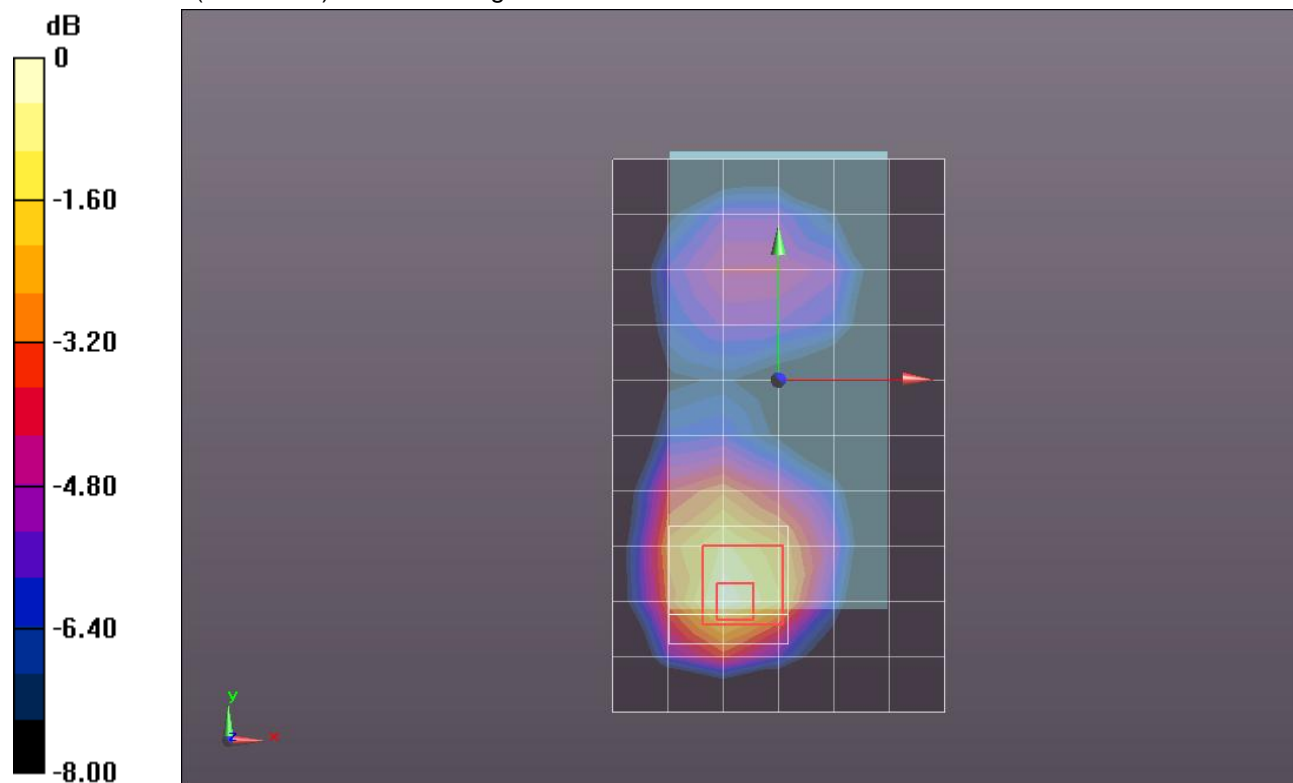
**Rear/QPSK\_RB#1,49\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.497 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.3710

**SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.410 mW/g**

Maximum value of SAR (measured) = 0.984 mW/g



0 dB = 0.980mW/g = -0.18 dB mW/g

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Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,99\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.345 mW/g

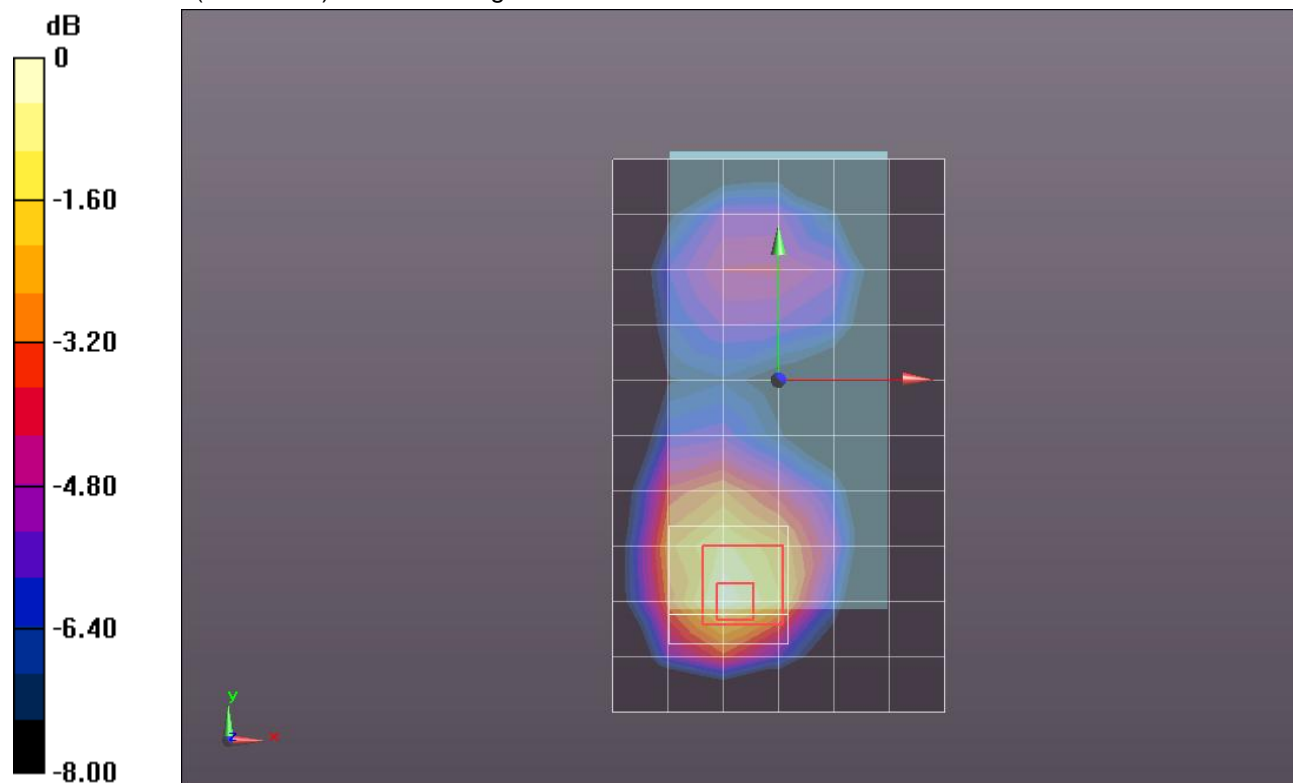
**Rear/QPSK\_RB#1,99\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.243 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.9250

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.572 mW/g**

Maximum value of SAR (measured) = 1.378 mW/g



0 dB = 1.380mW/g = 2.80 dB mW/g

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Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#100,0\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.776 mW/g

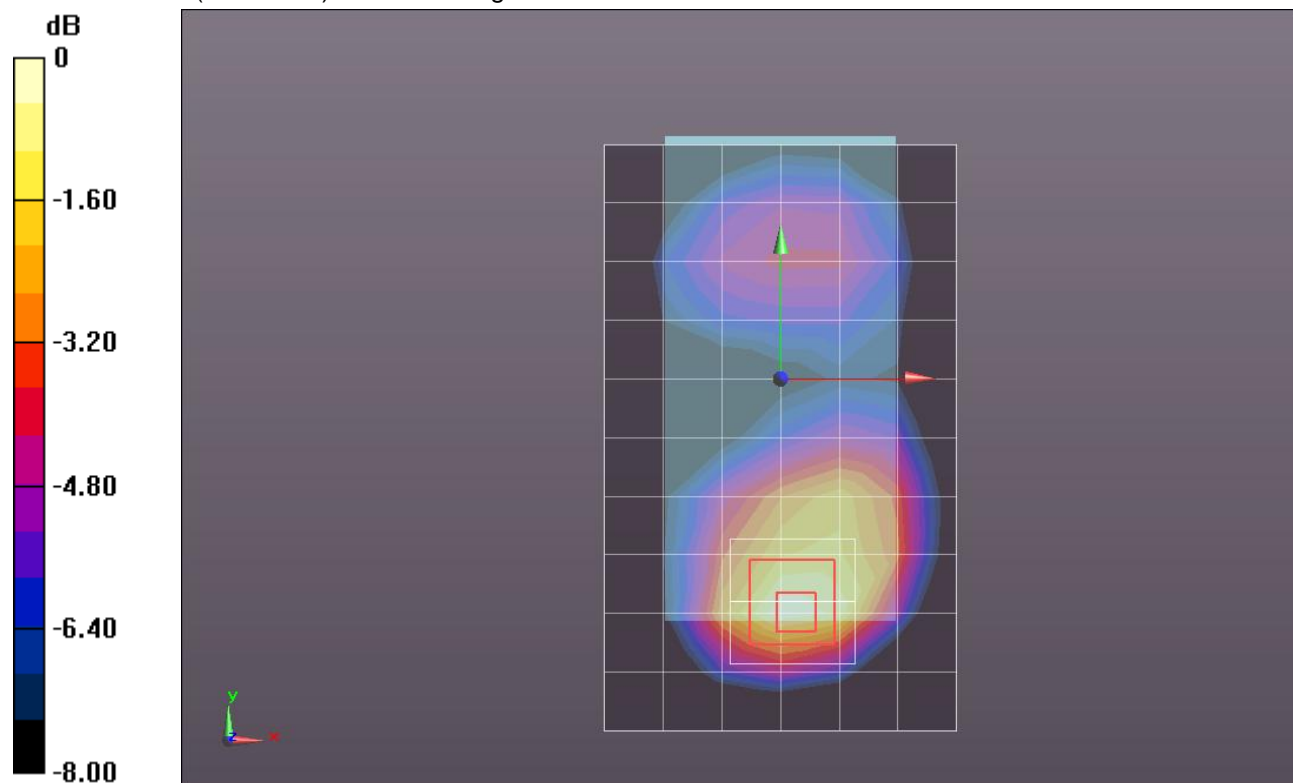
**Front/QPSK\_RB#100,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.264 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.0580

**SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.347 mW/g**

Maximum value of SAR (measured) = 0.777 mW/g



0 dB = 0.780mW/g = -2.16 dB mW/g

## LTE Band 2 (Primary Antenna)

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Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,0\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.163 mW/g

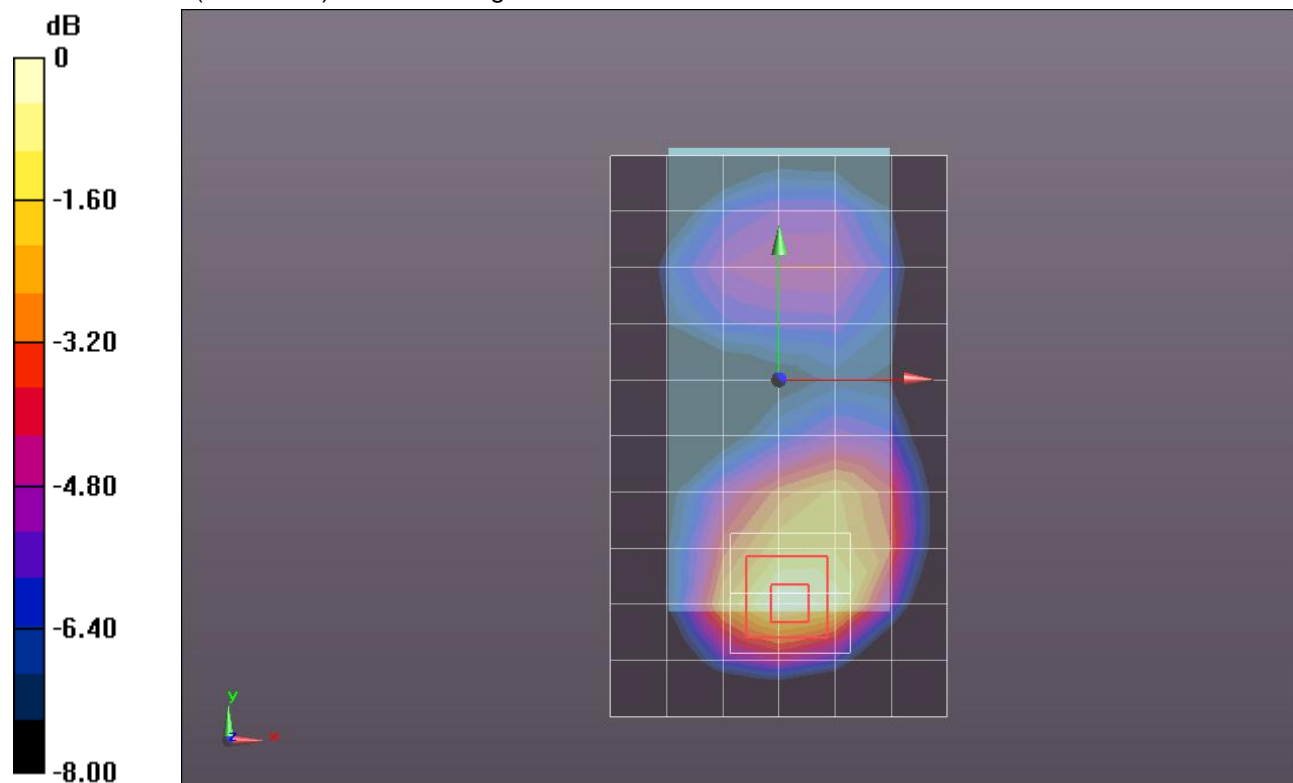
**Front/QPSK\_RB#1,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.577 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.5830

**SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.526 mW/g**

Maximum value of SAR (measured) = 1.167 mW/g



0 dB = 1.170mW/g = 1.36 dB mW/g



## LTE Band 2 (Primary Antenna)

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,49\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.921 mW/g

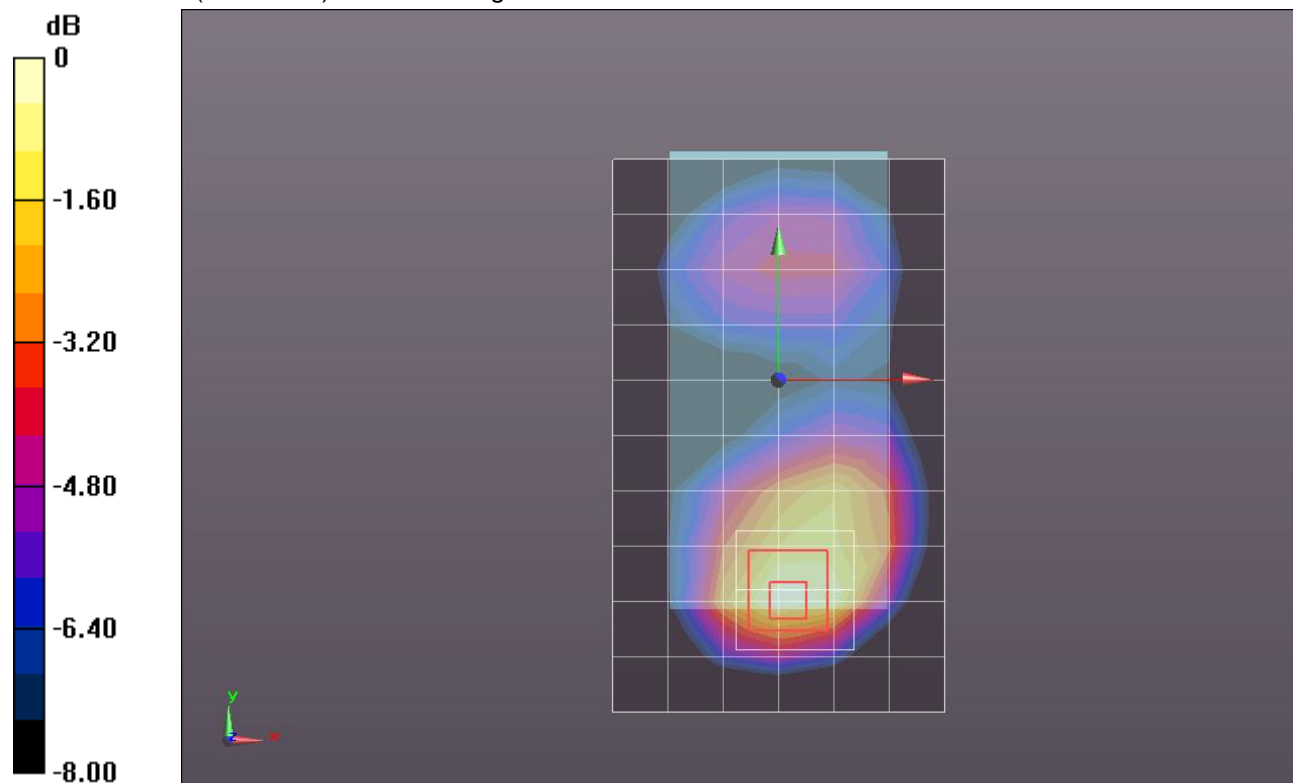
**Front/QPSK\_RB#1,49\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.366 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.2530

**SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.415 mW/g**

Maximum value of SAR (measured) = 0.926 mW/g



0 dB = 0.930mW/g = -0.63 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,99\_Ch 18700/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.878 mW/g

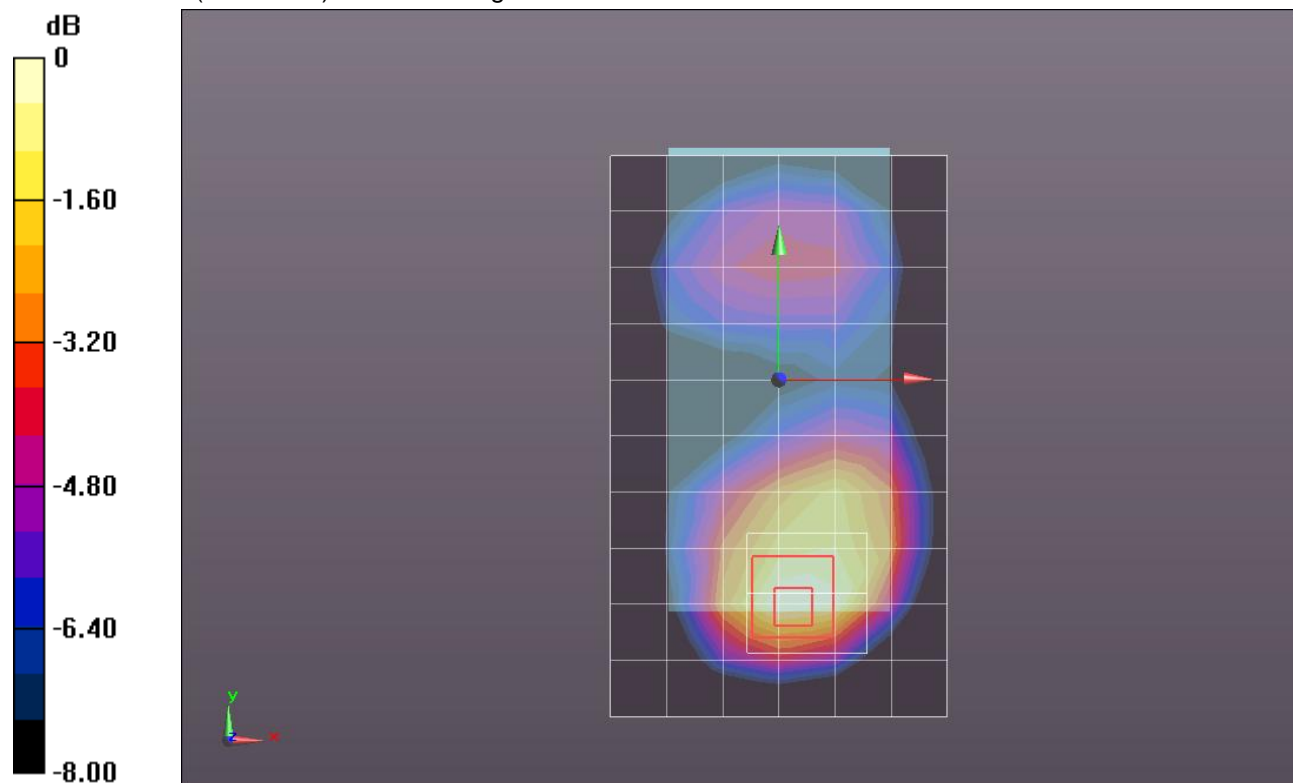
**Front/QPSK\_RB#1,99\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.780 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.2110

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.395 mW/g**

Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.860mW/g = -1.31 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.884 mW/g

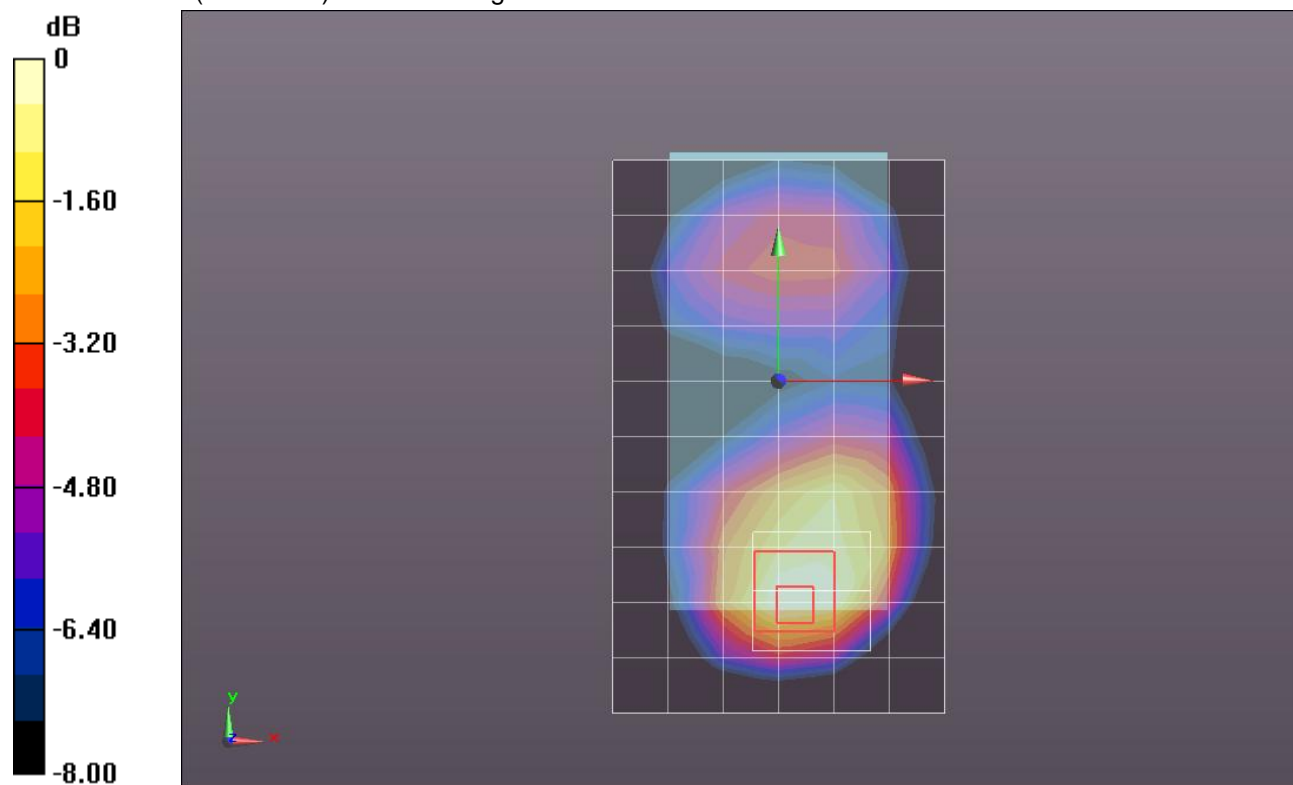
**Front/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.544 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.2280

**SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.410 mW/g**

Maximum value of SAR (measured) = 0.860 mW/g



0 dB = 0.860mW/g = -1.31 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.894 mW/g

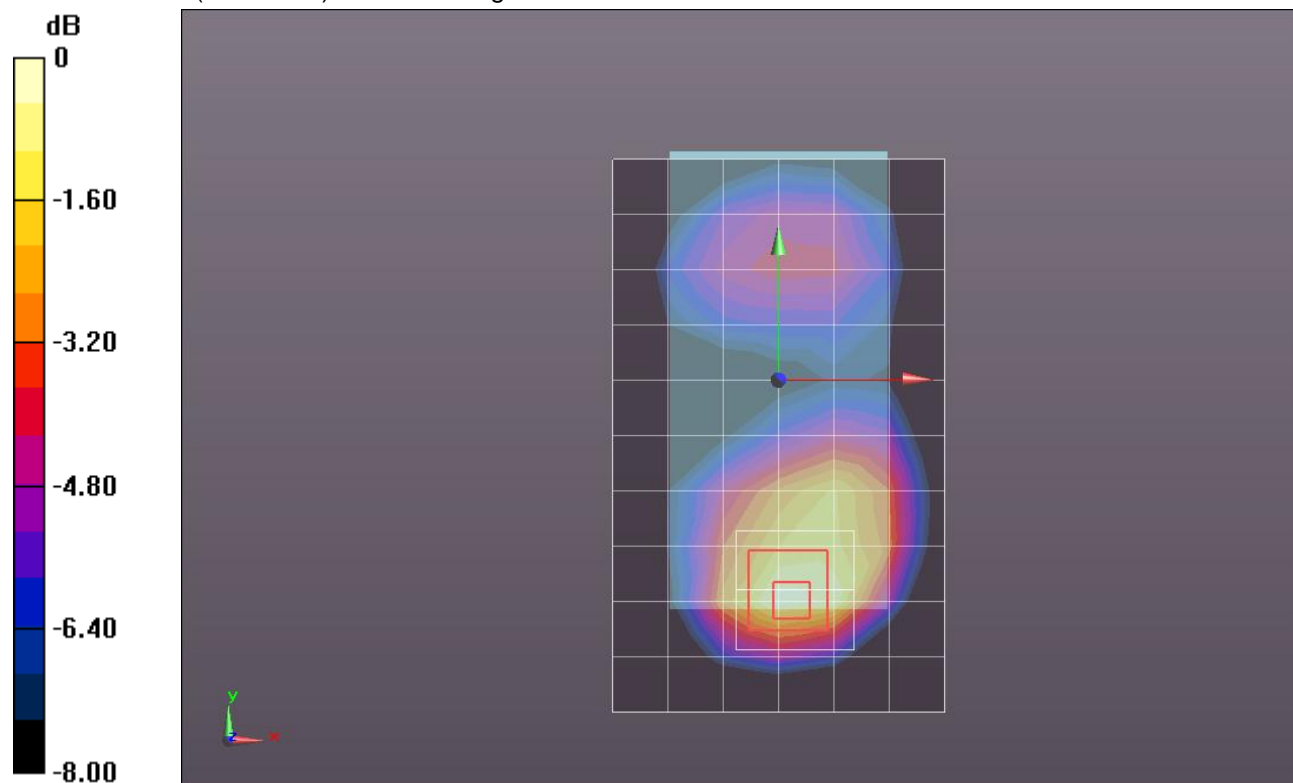
**Front/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.982 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.2600

**SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.412 mW/g**

Maximum value of SAR (measured) = 0.932 mW/g



0 dB = 0.930mW/g = -0.63 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.153 mW/g

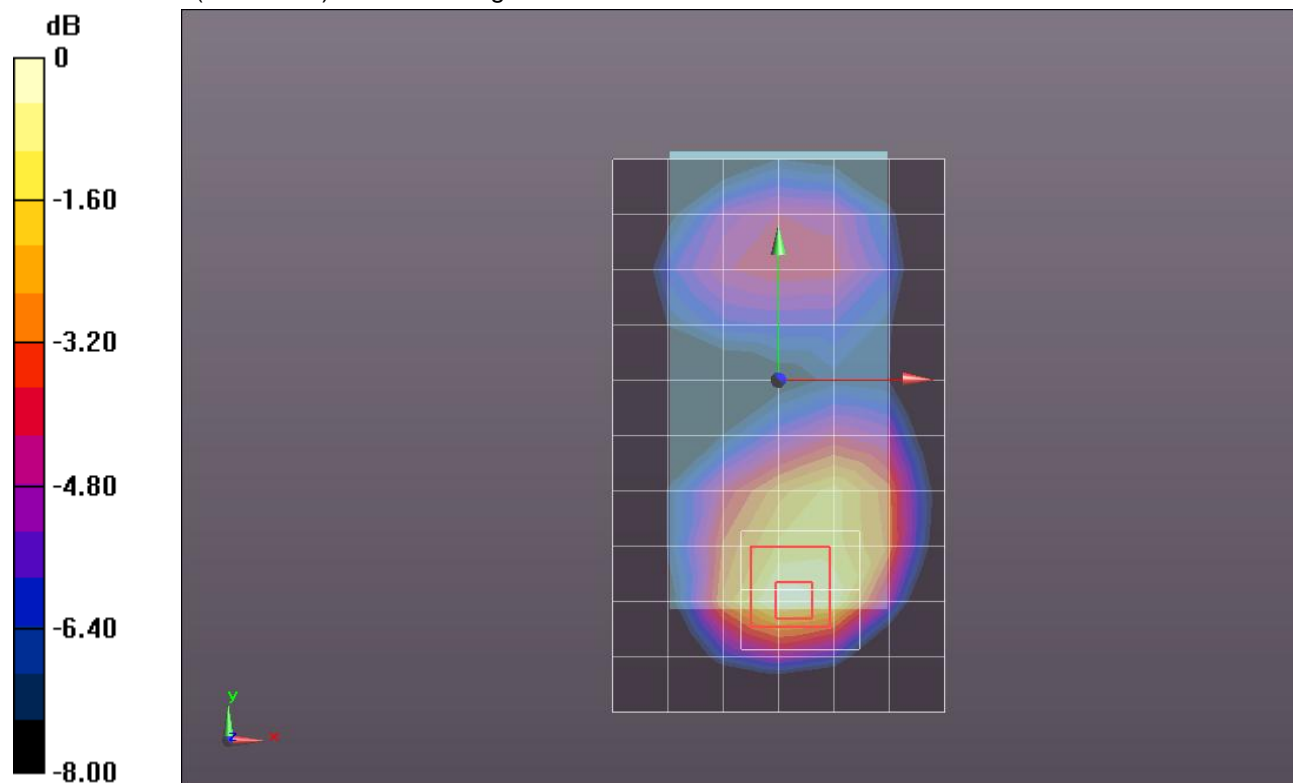
**Front/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.357 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.6240

**SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.535 mW/g**

Maximum value of SAR (measured) = 1.199 mW/g



0 dB = 1.200mW/g = 1.58 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.949 mW/g

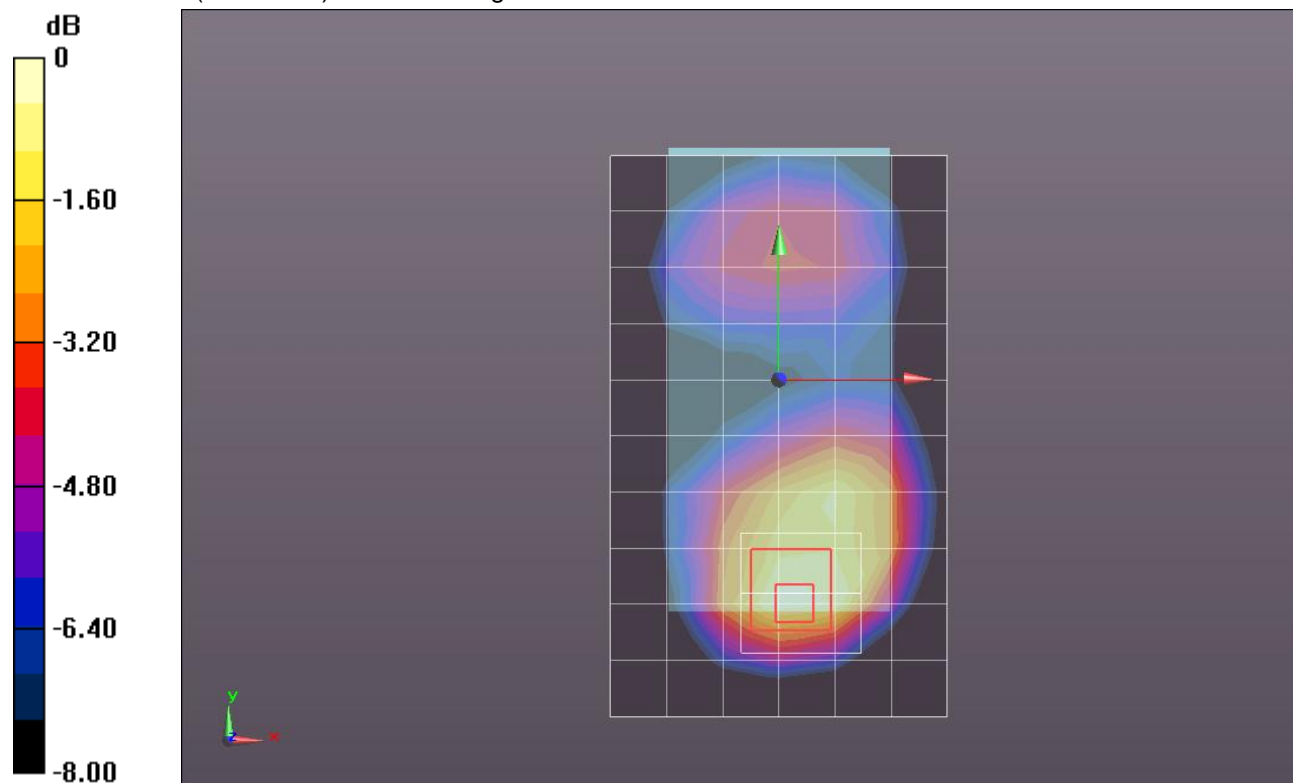
**Front/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.359 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.3240

**SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.435 mW/g**

Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.980mW/g = -0.18 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 51.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#100,0\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.688 mW/g

**Front/QPSK\_RB#100,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

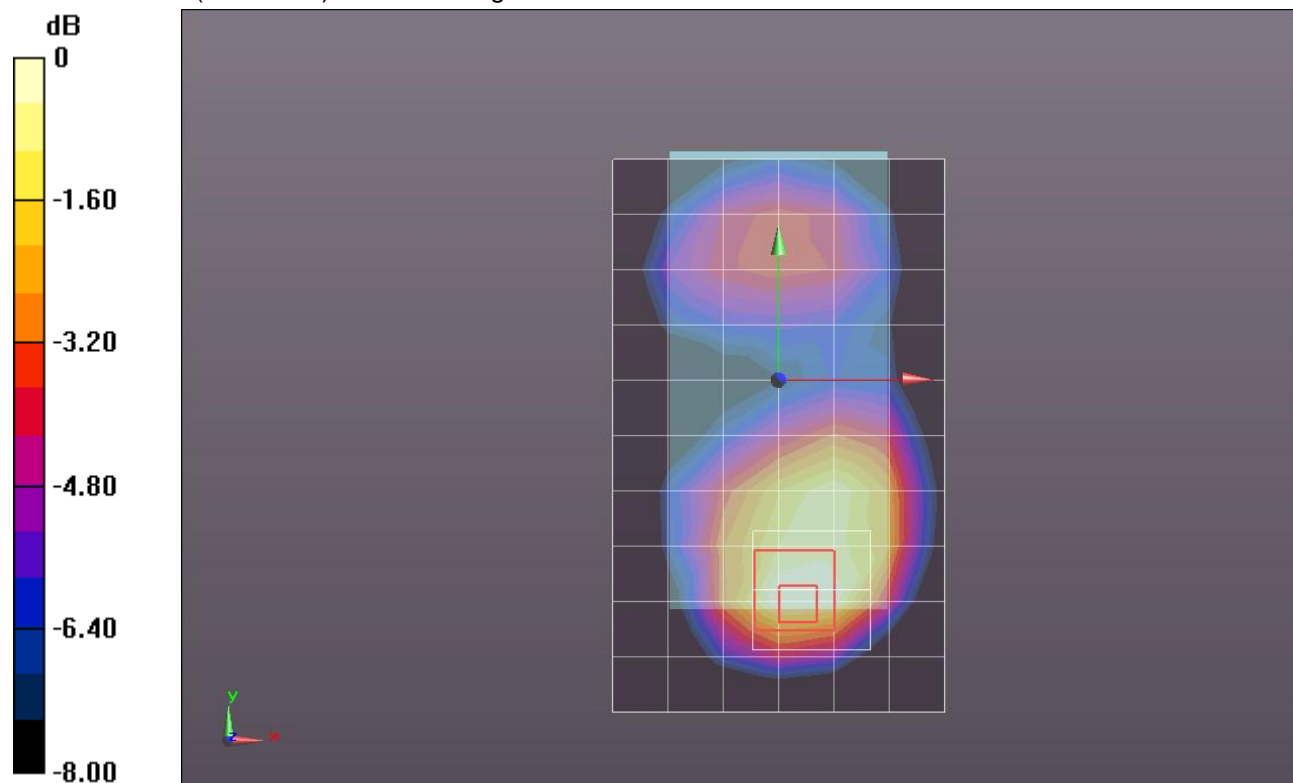
dy=8mm, dz=5mm

Reference Value = 21.520 V/m; Power Drift = -0.0086 dB

Peak SAR (extrapolated) = 0.9910

**SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 0.683 mW/g



0 dB = 0.680mW/g = -3.35 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 51.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,0\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.857 mW/g

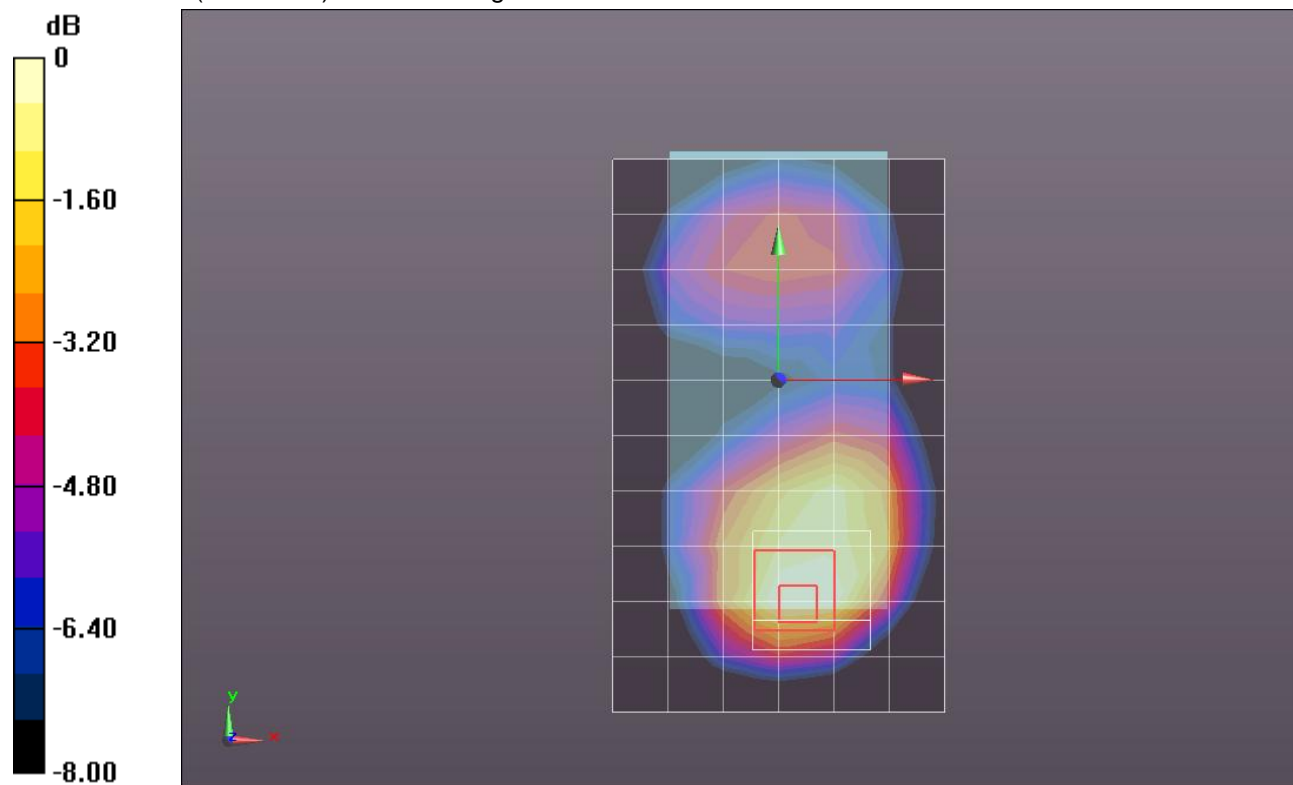
**Front/QPSK\_RB#1,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.202 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.2220

**SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.394 mW/g**

Maximum value of SAR (measured) = 0.846 mW/g



0 dB = 0.850mW/g = -1.41 dB mW/g



## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 51.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,49\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.747 mW/g

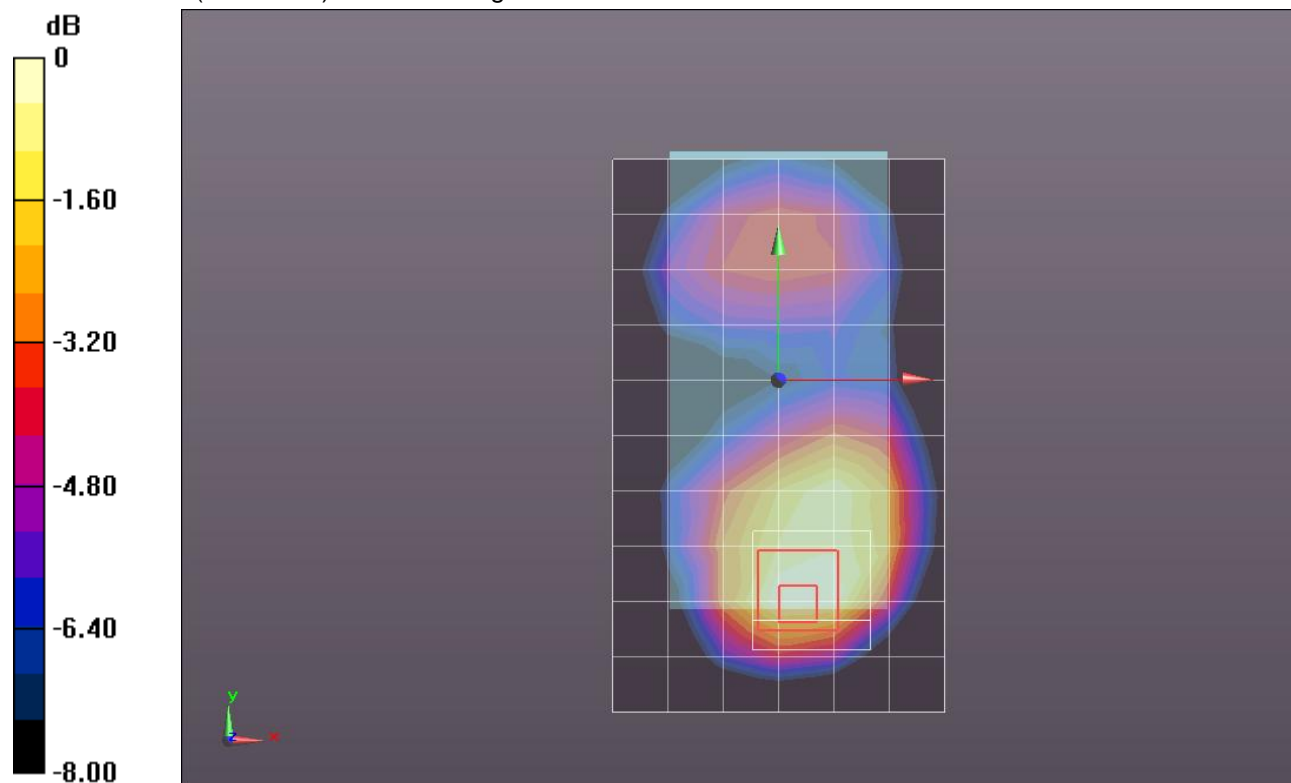
**Front/QPSK\_RB#1,49\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.638 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.0930

**SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.346 mW/g**

Maximum value of SAR (measured) = 0.752 mW/g



0 dB = 0.750mW/g = -2.50 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 51.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,99\_Ch 19100/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.979 mW/g

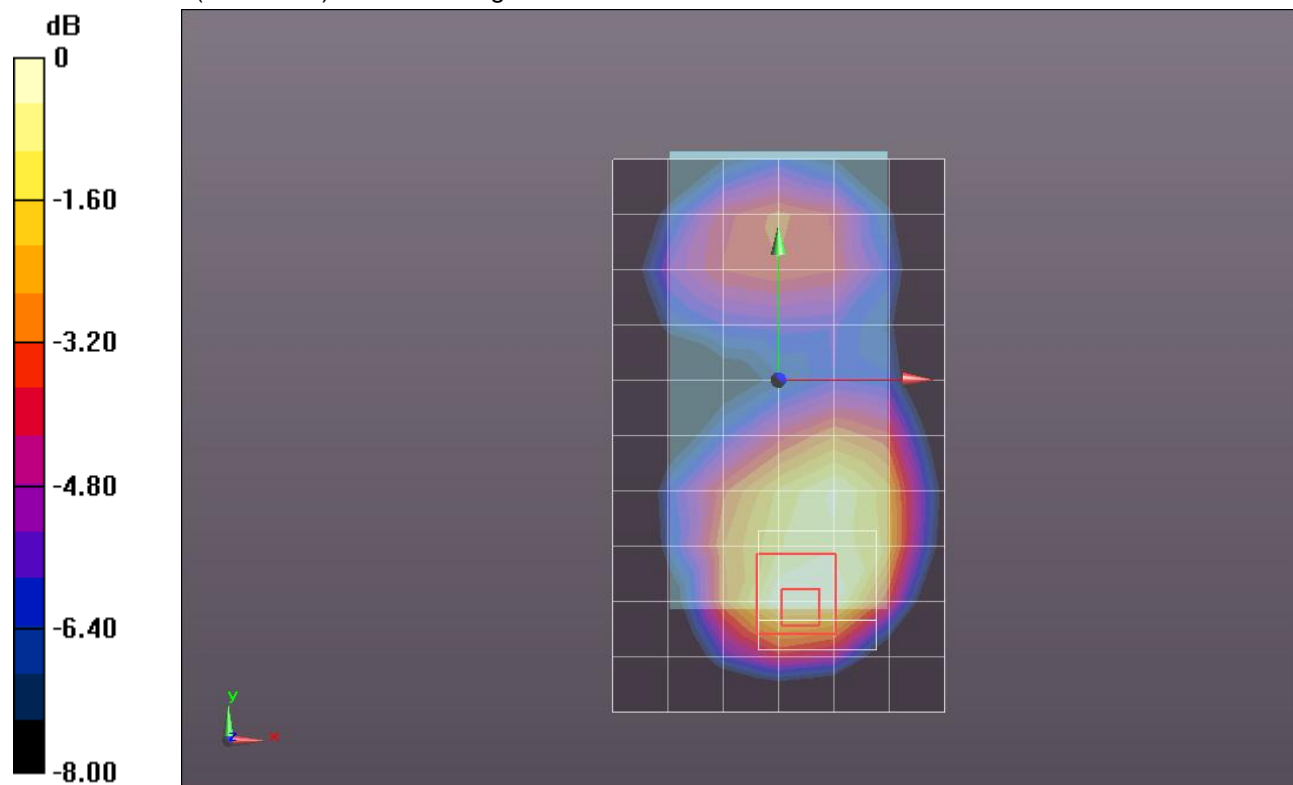
**Front/QPSK\_RB#1,99\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.942 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.4560

**SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.453 mW/g**

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.990mW/g = -0.09 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r = 52.911$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#100,0\_Ch 18700/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.765 mW/g

**Edge 2/QPSK\_RB#100,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.499 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.0440

**SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.344 mW/g**

Maximum value of SAR (measured) = 0.787 mW/g

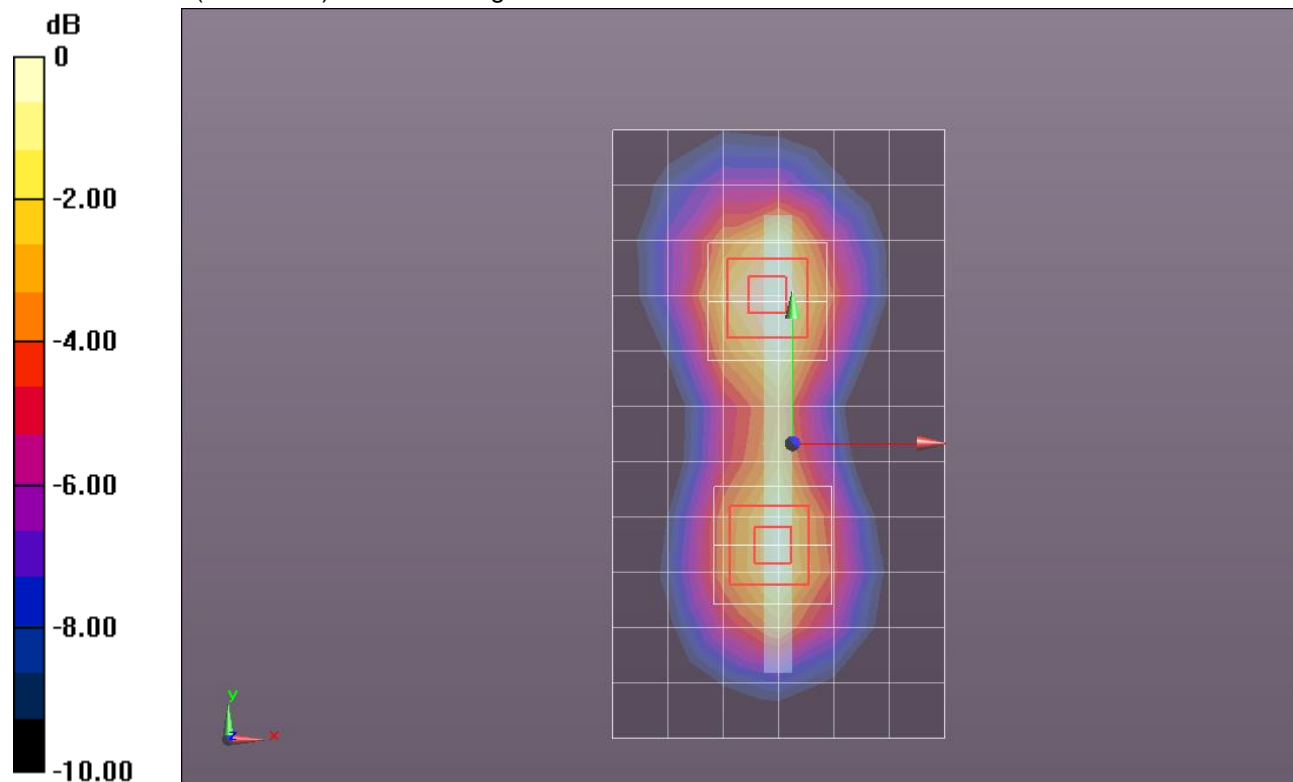
**Edge 2/QPSK\_RB#100,0\_Ch 18700/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.499 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.8000

**SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.628 mW/g



0 dB = 0.630mW/g = -4.01 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r = 52.911$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,0\_Ch 18700/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.043 mW/g

**Edge 2/QPSK\_RB#1,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.281 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.4260

**SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.472 mW/g**

Maximum value of SAR (measured) = 1.080 mW/g

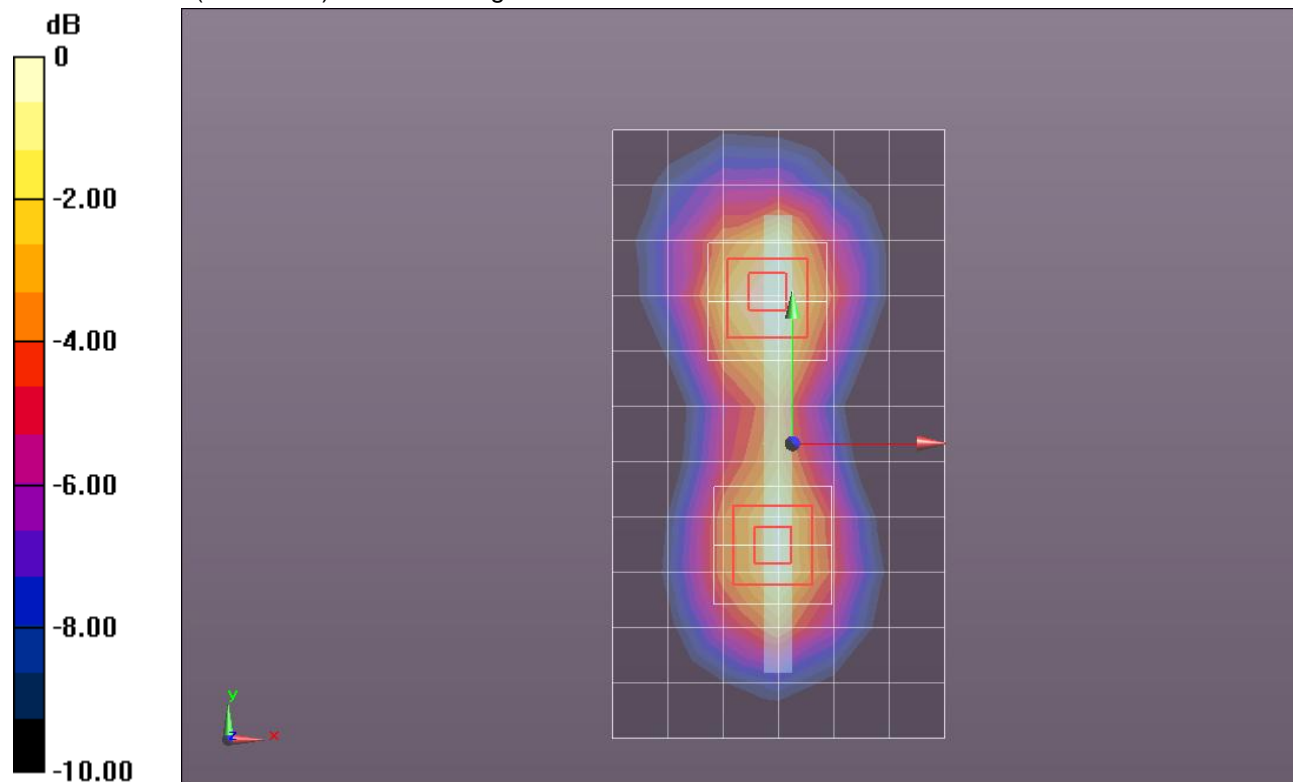
**Edge 2/QPSK\_RB#1,0\_Ch 18700/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.281 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.1460

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.403 mW/g**

Maximum value of SAR (measured) = 0.897 mW/g



0 dB = 0.900mW/g = -0.92 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.475$  mho/m;  $\epsilon_r = 51.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,49\_Ch 18700/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.732 mW/g

**Edge 2/QPSK\_RB#1,49\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.812 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.3910

**SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.480 mW/g**

Maximum value of SAR (measured) = 1.067 mW/g

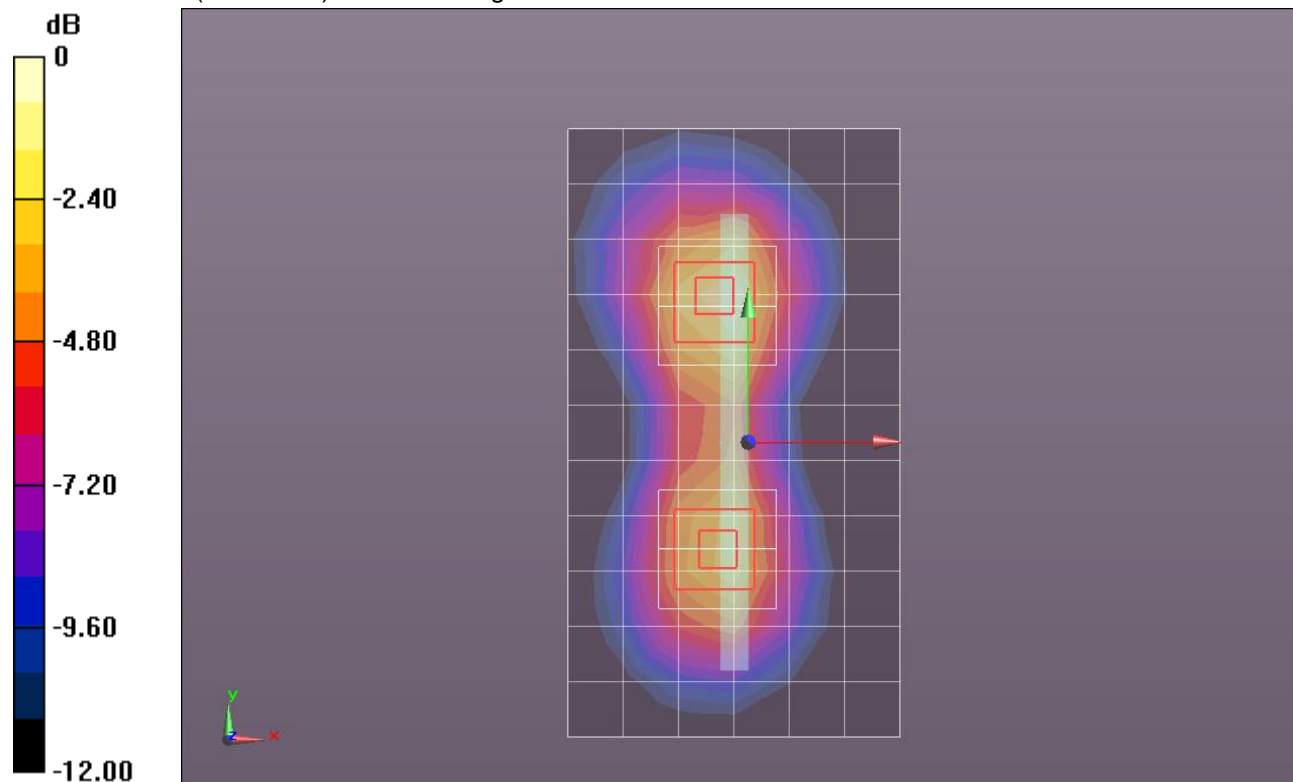
**Edge 2/QPSK\_RB#1,49\_Ch 18700/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.812 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.1080

**SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.397 mW/g**

Maximum value of SAR (measured) = 0.871 mW/g



0 dB = 0.870mW/g = -1.21 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.475$  mho/m;  $\epsilon_r = 51.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,99\_Ch 18700/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.823 mW/g

**Edge 2/QPSK\_RB#1,99\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.664 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.1850

**SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.407 mW/g**

Maximum value of SAR (measured) = 0.913 mW/g

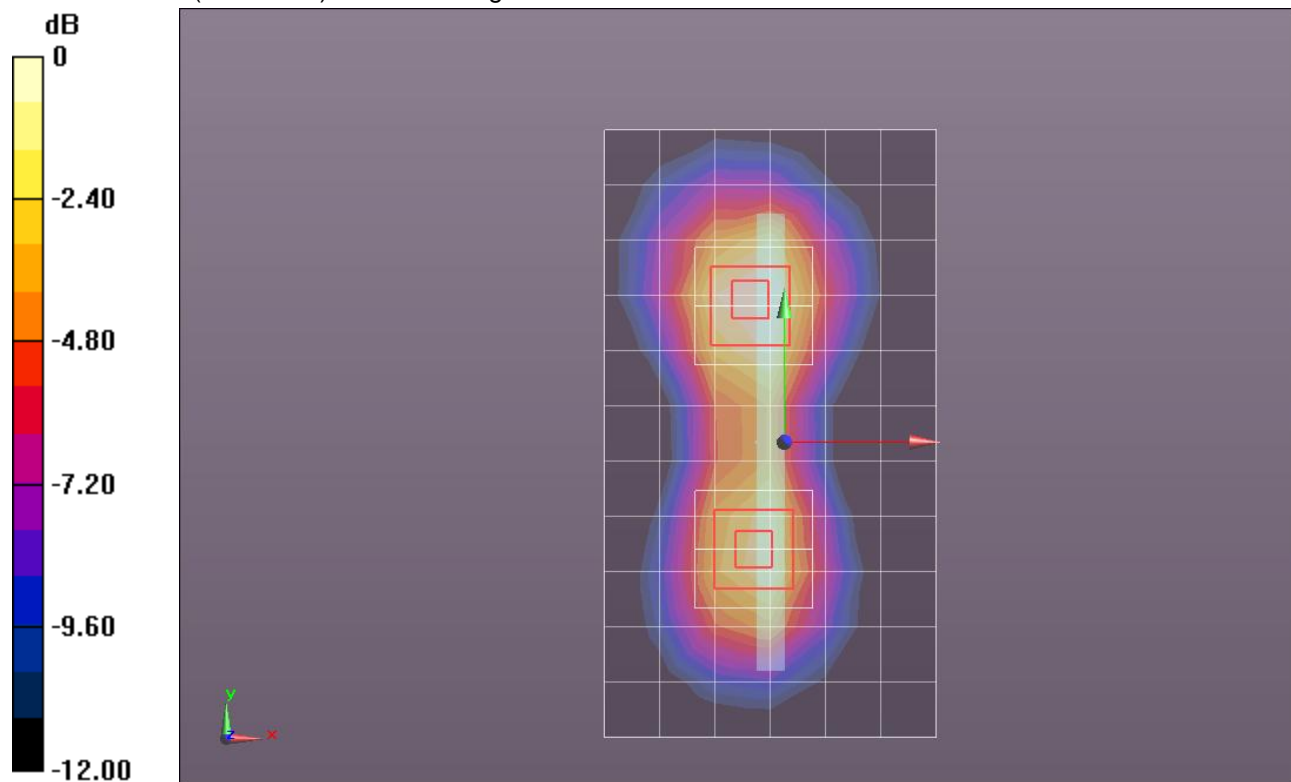
**Edge 2/QPSK\_RB#1,99\_Ch 18700/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.664 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.9120

**SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.323 mW/g**

Maximum value of SAR (measured) = 0.715 mW/g



0 dB = 0.720mW/g = -2.85 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

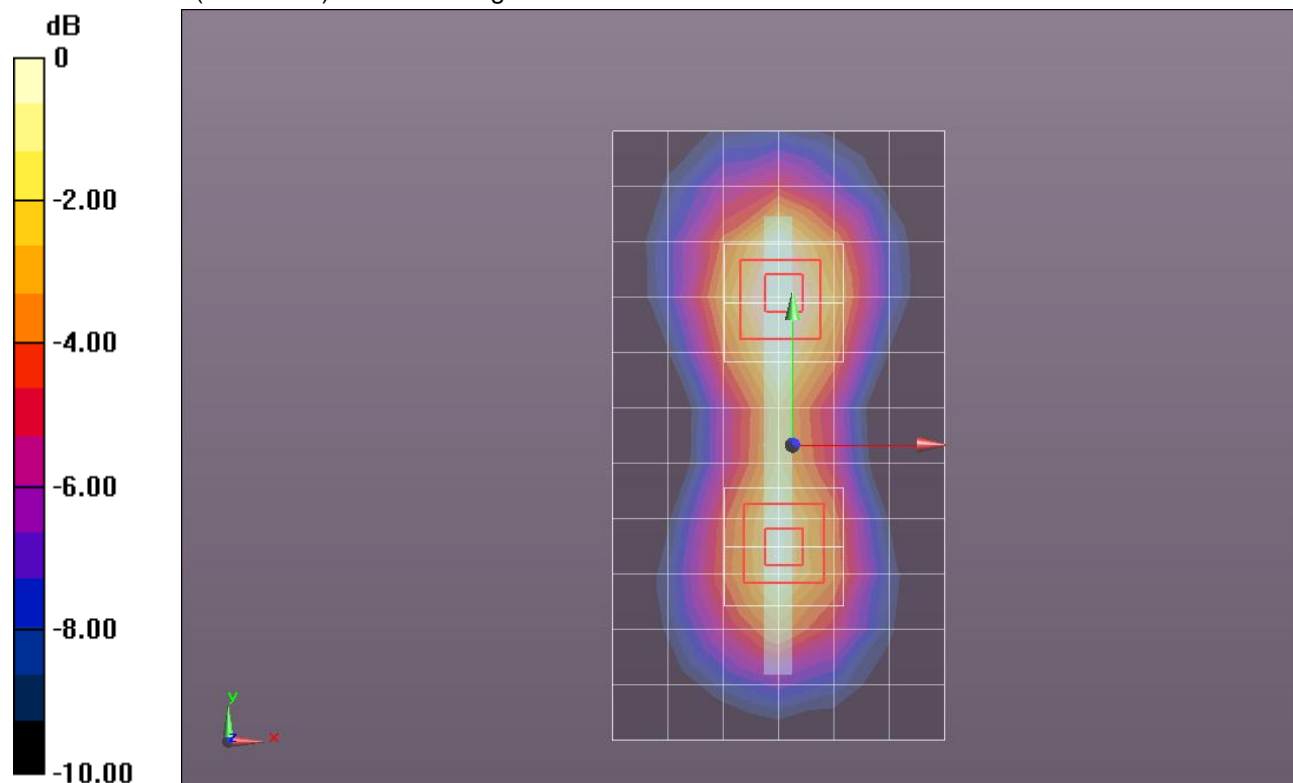
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.865 mW/g

**Edge 2/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.040 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 1.1420  
**SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.386 mW/g**  
Maximum value of SAR (measured) = 0.867 mW/g

**Edge 2/QPSK\_RB#100,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.040 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.8310  
**SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.292 mW/g**  
Maximum value of SAR (measured) = 0.648 mW/g



0 dB = 0.650mW/g = -3.74 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.893 mW/g

**Edge 2/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.491 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.1910

**SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.403 mW/g**

Maximum value of SAR (measured) = 0.916 mW/g

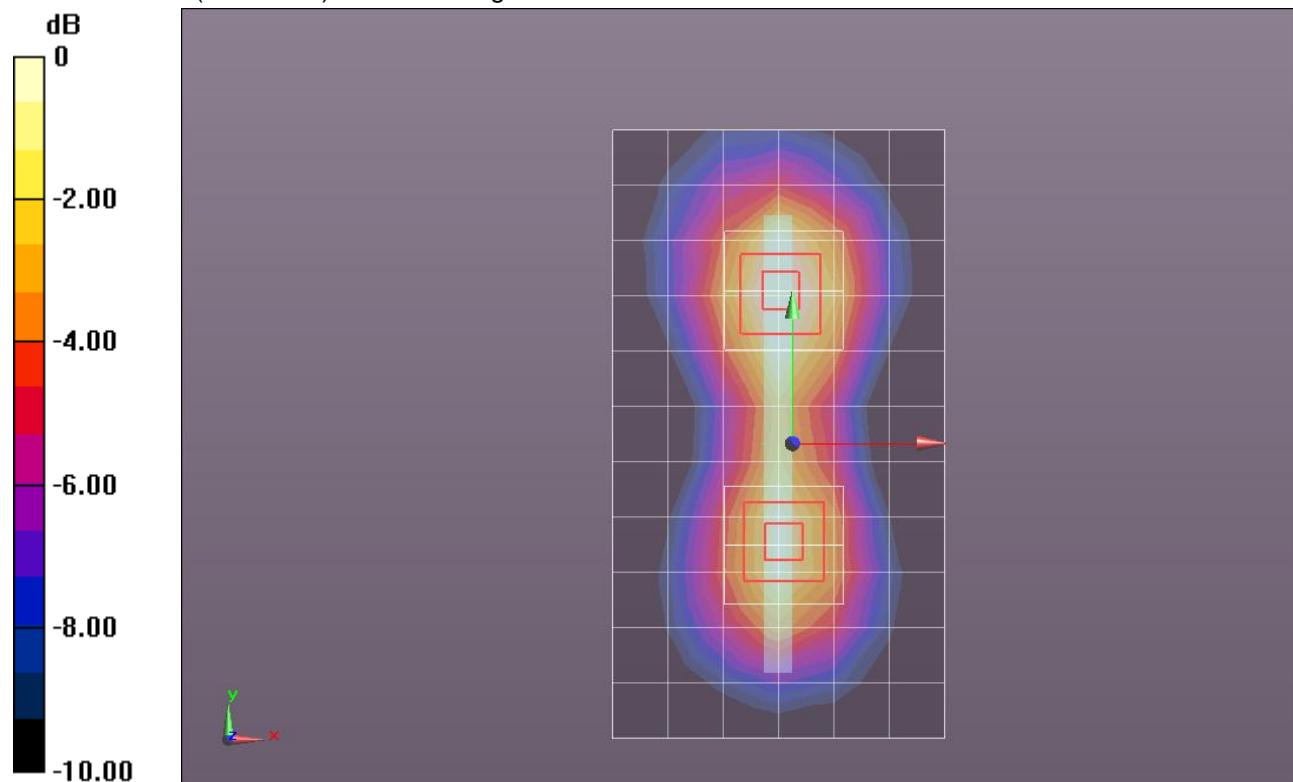
**Edge 2/QPSK\_RB#1,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.491 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.8770

**SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.315 mW/g**

Maximum value of SAR (measured) = 0.683 mW/g



0 dB = 0.680mW/g = -3.35 dB mW/g



## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.158 mW/g

**Edge 2/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 27.771 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.5120

**SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.512 mW/g**

Maximum value of SAR (measured) = 1.160 mW/g

**Edge 2/QPSK\_RB#1,49\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

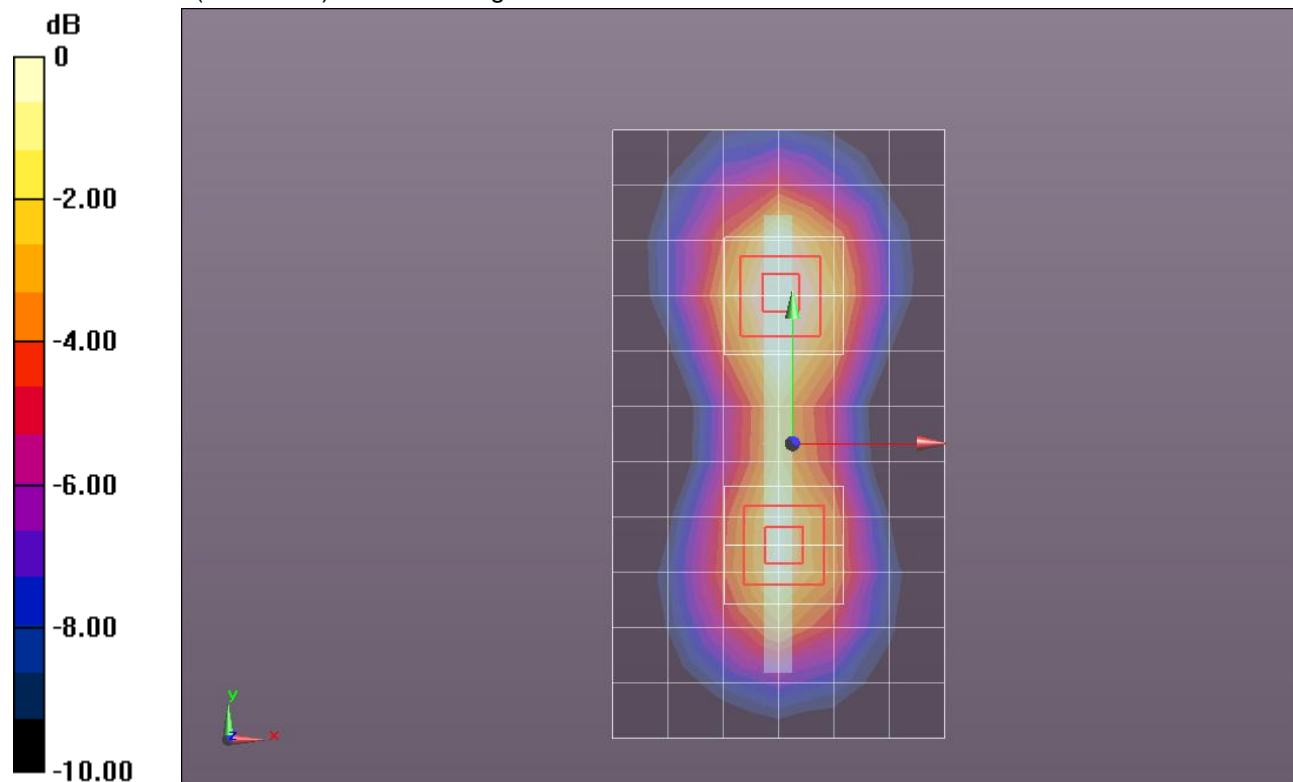
dy=8mm, dz=5mm

Reference Value = 27.771 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.0930

**SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.382 mW/g**

Maximum value of SAR (measured) = 0.849 mW/g



## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.038 mW/g

**Edge 2/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.767 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.3840

**SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.455 mW/g**

Maximum value of SAR (measured) = 1.046 mW/g

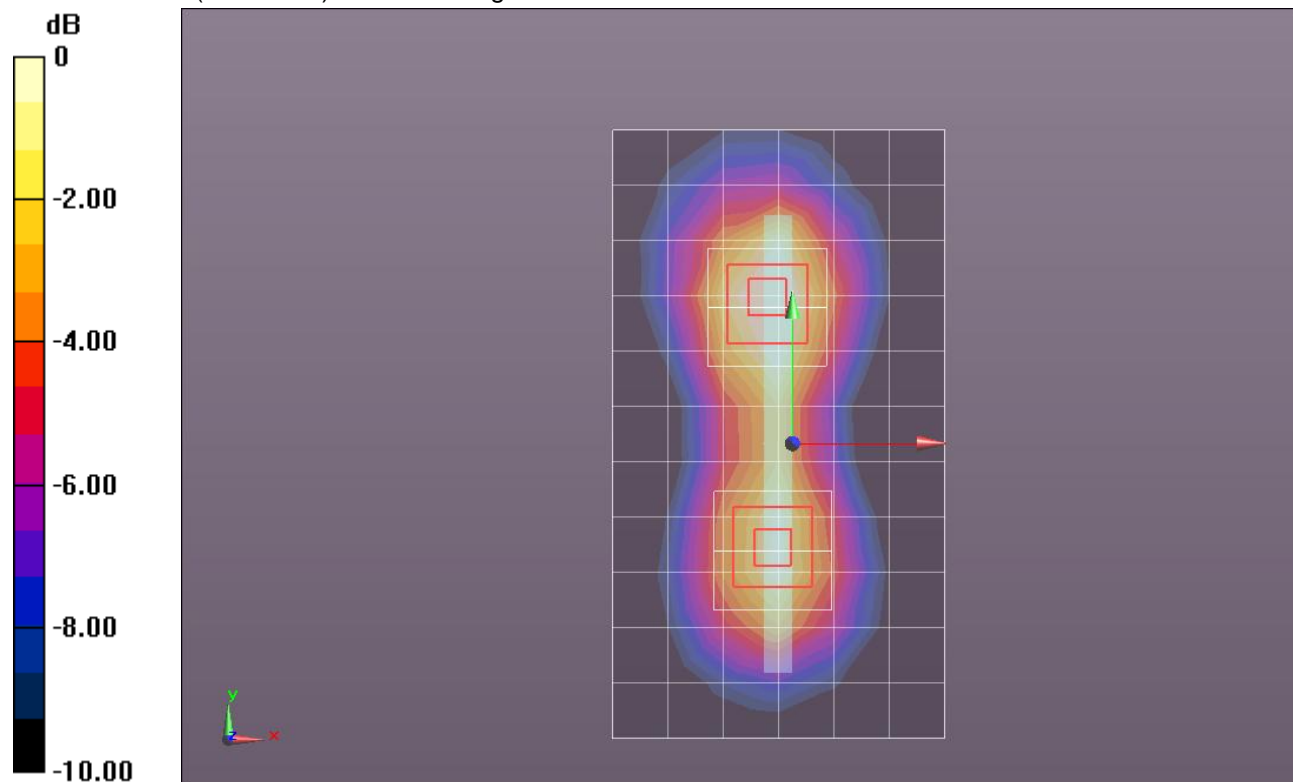
**Edge 2/QPSK\_RB#1,99\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.767 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.0080

**SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.349 mW/g**

Maximum value of SAR (measured) = 0.784 mW/g



0 dB = 0.780mW/g = -2.16 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.517$  mho/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#100,0\_Ch 19100/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.674 mW/g

**Edge 2/QPSK\_RB#100,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.286 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.9750

**SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.334 mW/g**

Maximum value of SAR (measured) = 0.751 mW/g

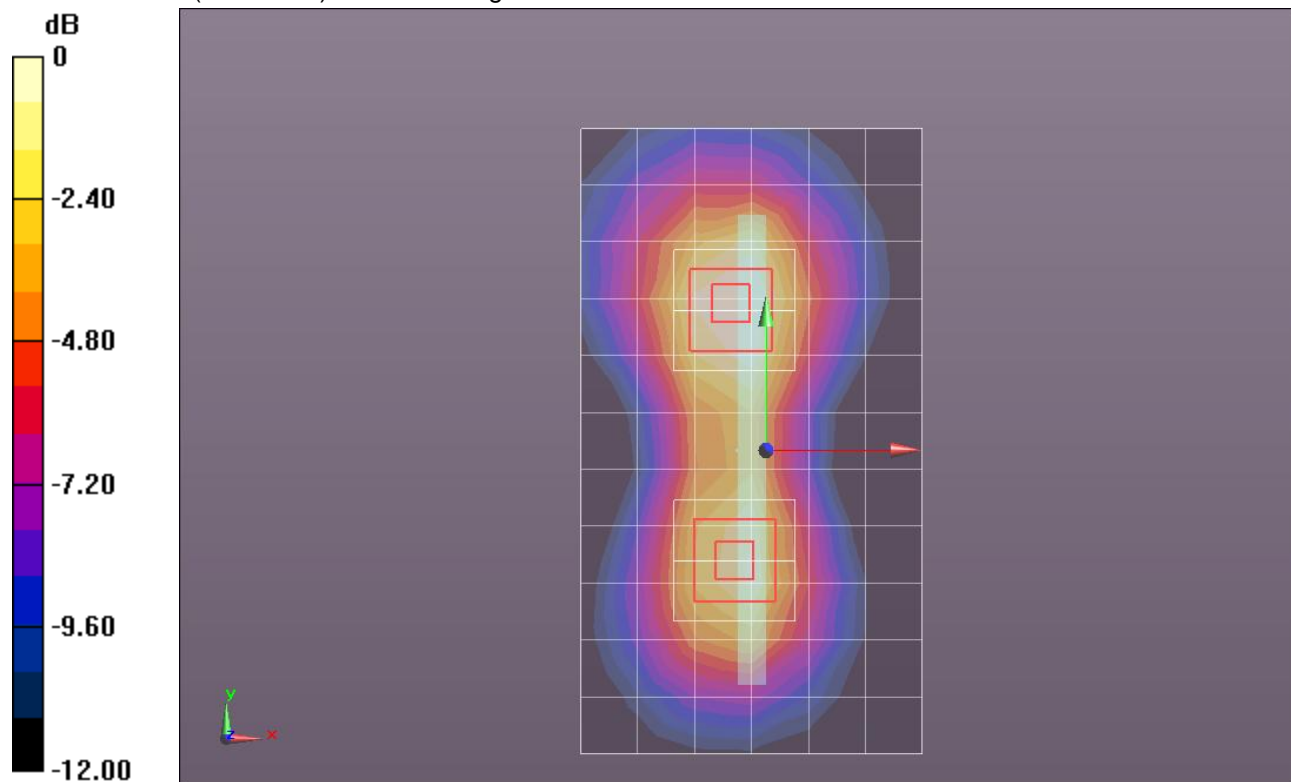
**Edge 2/QPSK\_RB#100,0\_Ch 19100/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.286 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.7370

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.260 mW/g**

Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.580mW/g = -4.73 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.517$  mho/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,0\_Ch 19100/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.844 mW/g

**Edge 2/QPSK\_RB#1,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.767 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.2050

**SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.414 mW/g**

Maximum value of SAR (measured) = 0.932 mW/g

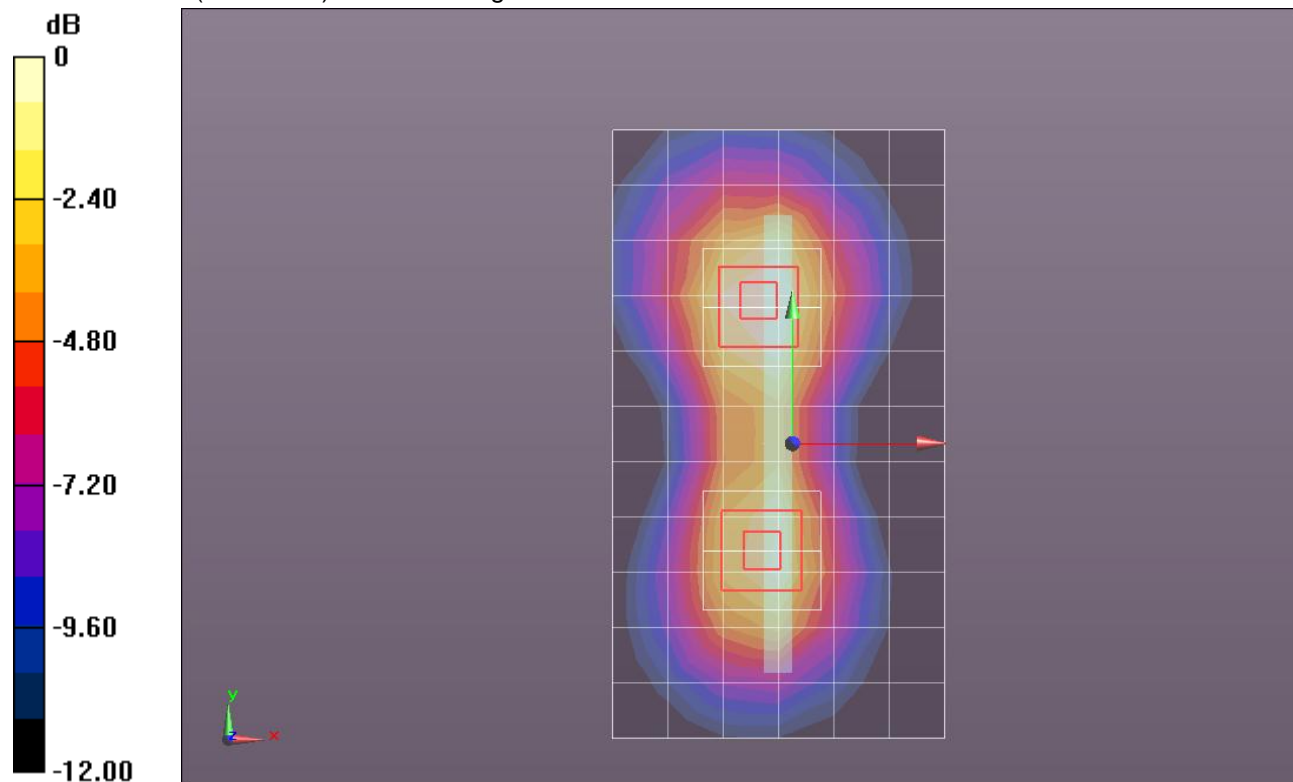
**Edge 2/QPSK\_RB#1,0\_Ch 19100/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.767 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.9410

**SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 0.737 mW/g



0 dB = 0.740mW/g = -2.62 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.517$  mho/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,49\_Ch 19100/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.956 mW/g

**Edge 2/QPSK\_RB#1,49\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.956 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.3340

**SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 1.018 mW/g

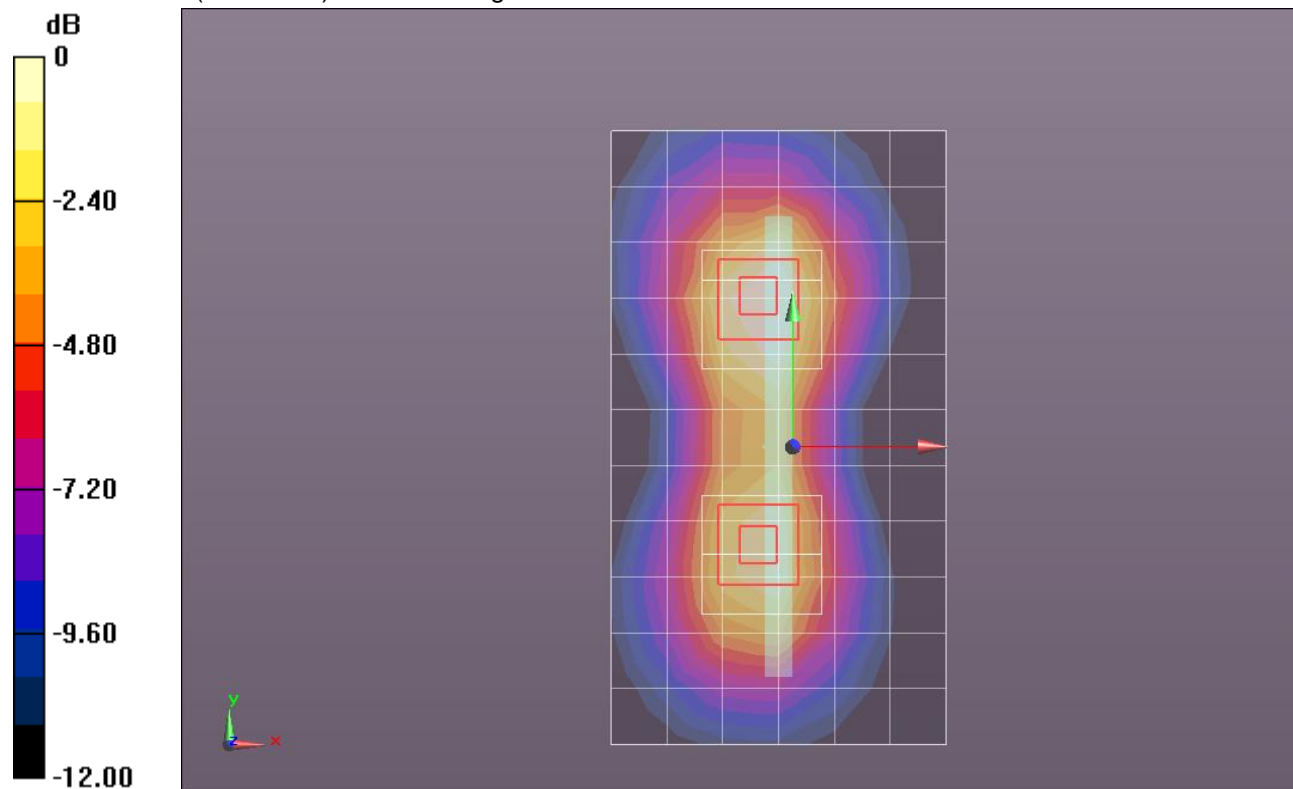
**Edge 2/QPSK\_RB#1,49\_Ch 19100/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.956 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.0850

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.830mW/g = -1.62 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.517$  mho/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,99\_Ch 19100/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.818 mW/g

**Edge 2/QPSK\_RB#1,99\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 23.321 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.1730

**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (measured) = 0.898 mW/g

**Edge 2/QPSK\_RB#1,99\_Ch 19100/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

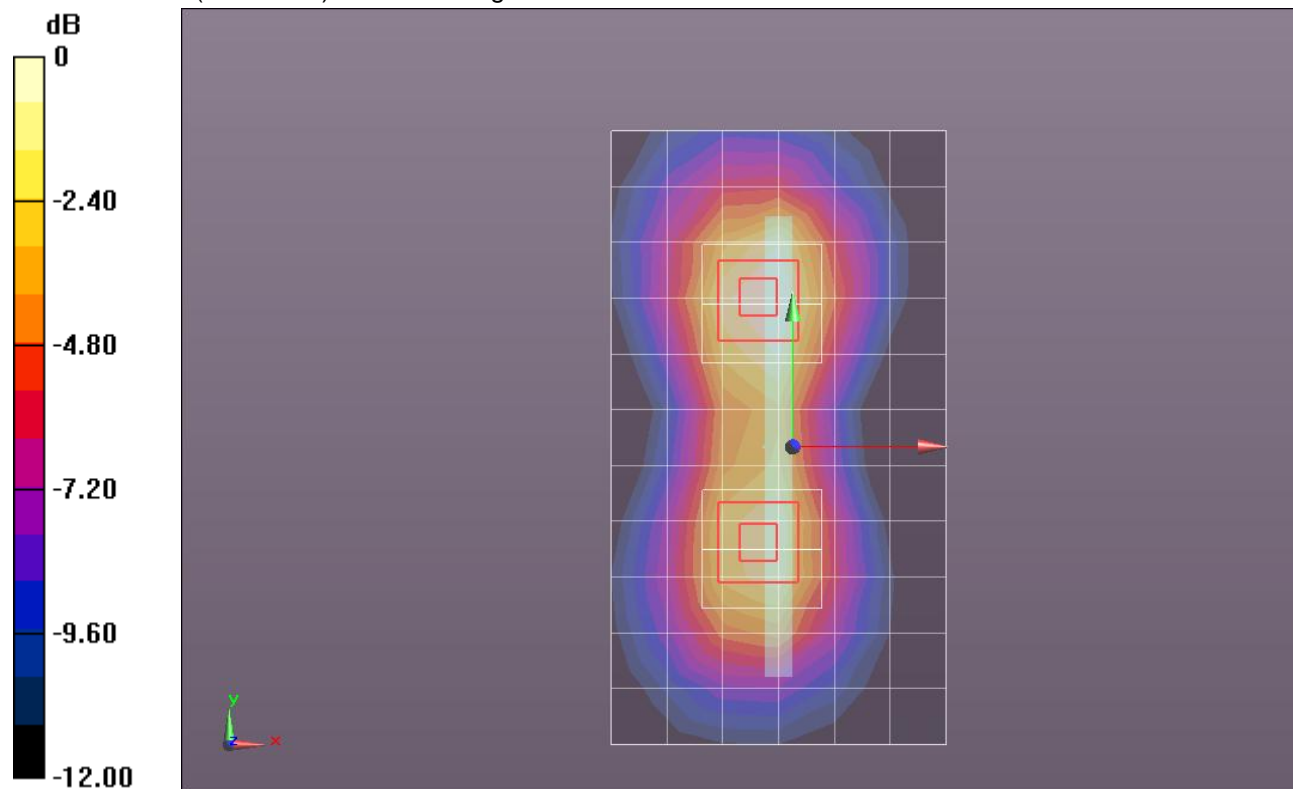
dy=8mm, dz=5mm

Reference Value = 23.321 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.9490

**SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.330 mW/g**

Maximum value of SAR (measured) = 0.735 mW/g



0 dB = 0.730mW/g = -2.73 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#100,0\_Ch 18700/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.658 mW/g

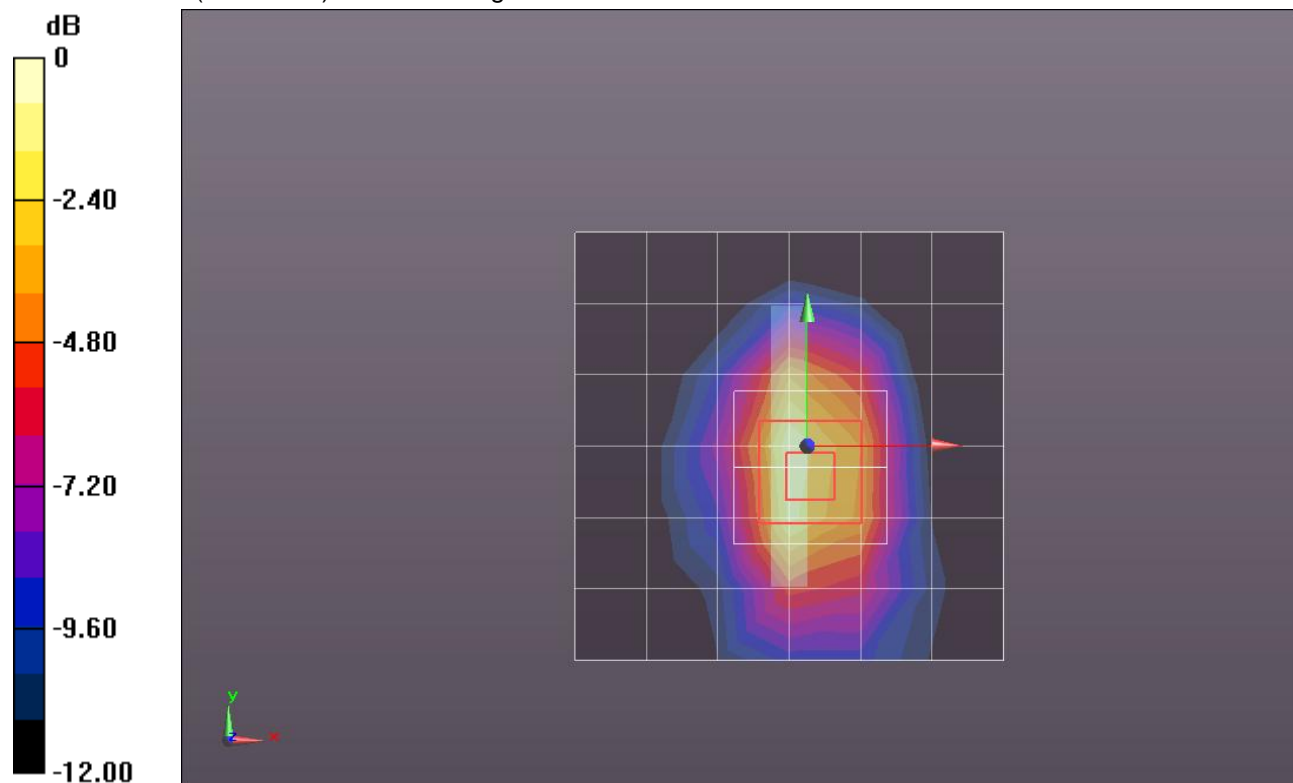
**Edge 3/QPSK\_RB#100,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.661 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.0340

**SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.322 mW/g**

Maximum value of SAR (measured) = 0.794 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,0\_Ch 18700/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.035 mW/g

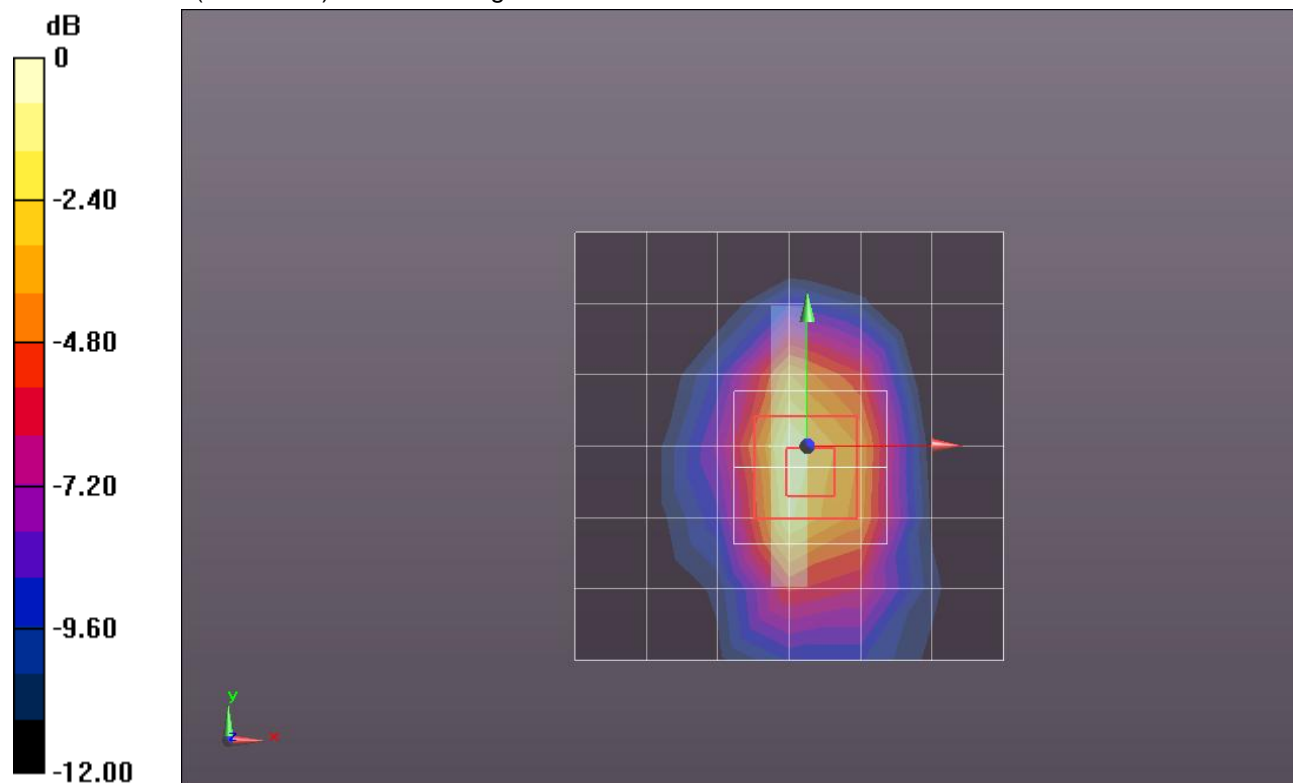
**Edge 3/QPSK\_RB#1,0\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.101 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.6150

**SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.506 mW/g**

Maximum value of SAR (measured) = 1.245 mW/g



0 dB = 1.250mW/g = 1.94 dB mW/g



## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,49\_Ch 18700/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.811 mW/g

**Edge 3/QPSK\_RB#1,49\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

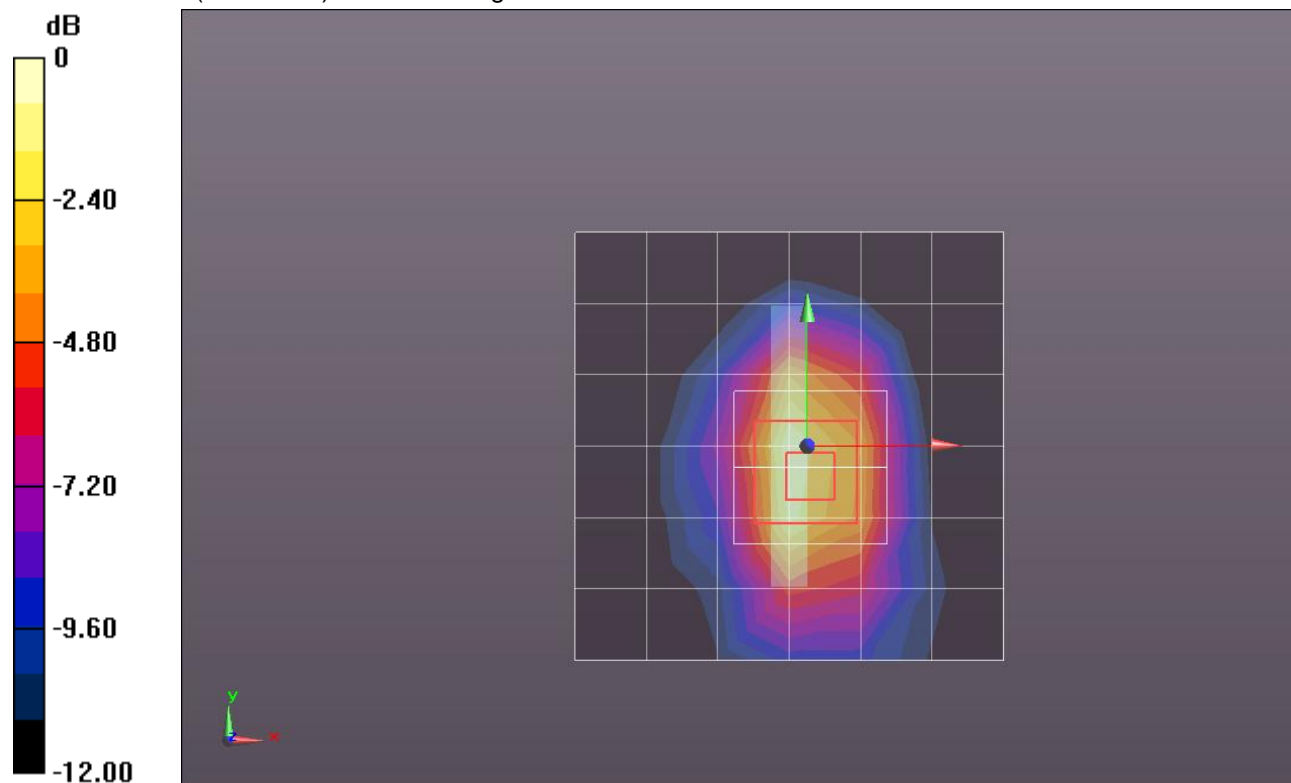
dy=8mm, dz=5mm

Reference Value = 23.869 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.2670

**SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.394 mW/g**

Maximum value of SAR (measured) = 0.972 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 51.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,99\_Ch 18700/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.704 mW/g

**Edge 3/QPSK\_RB#1,99\_Ch 18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

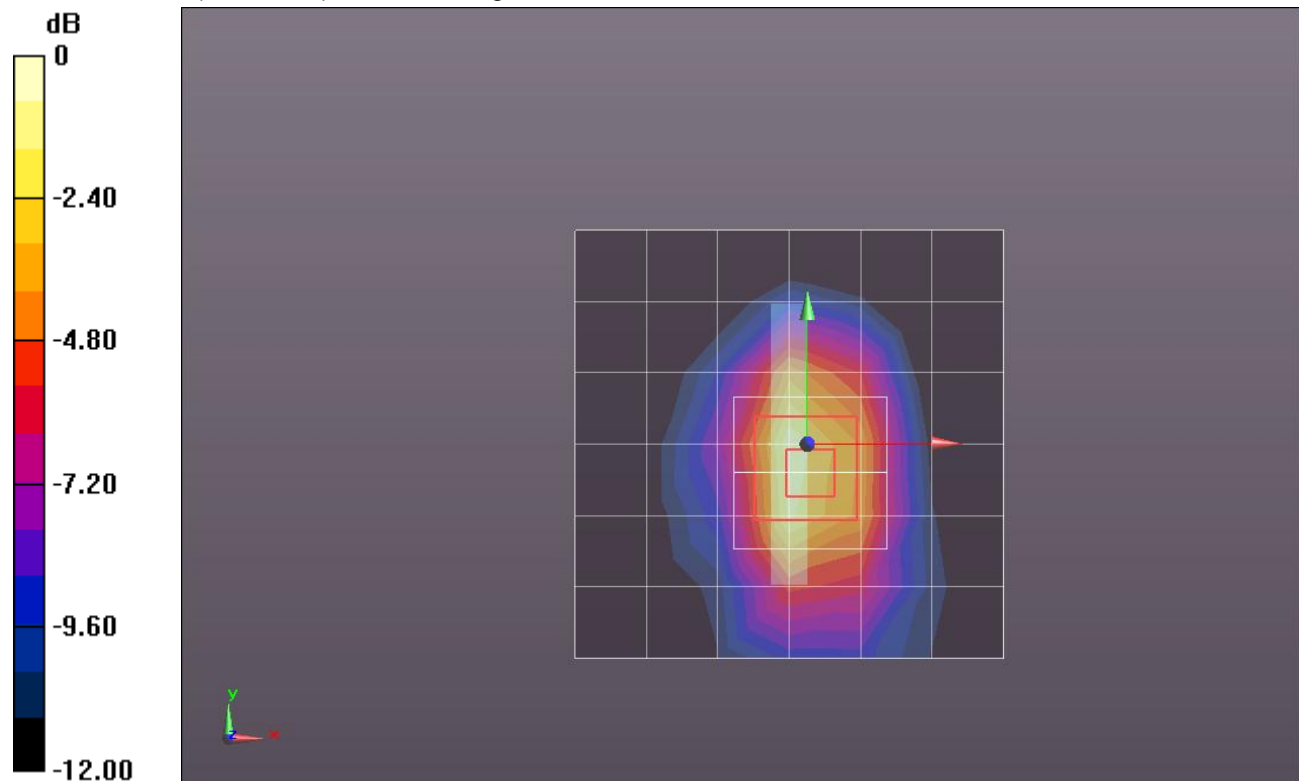
dy=8mm, dz=5mm

Reference Value = 22.338 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.1300

**SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.348 mW/g**

Maximum value of SAR (measured) = 0.868 mW/g



0 dB = 0.870mW/g = -1.21 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.862 mW/g

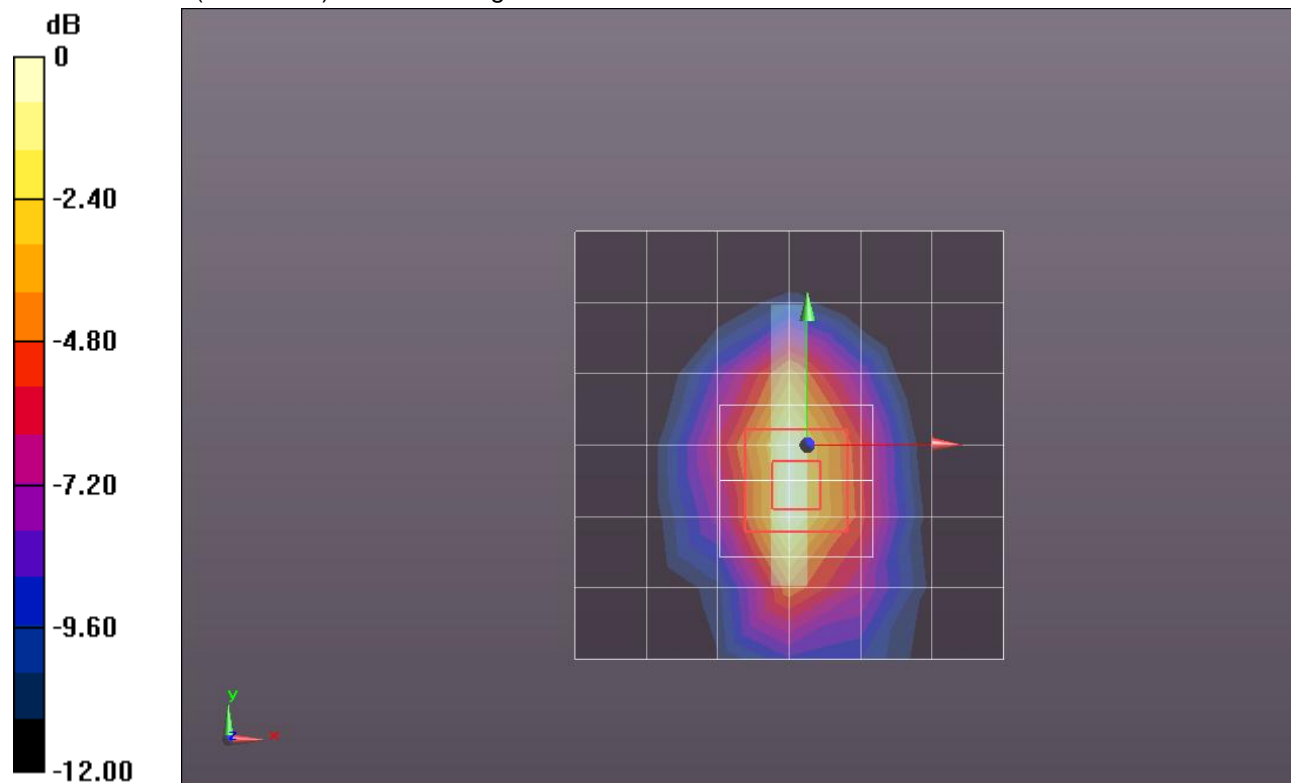
**Edge 3/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.996 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.2380

**SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.377 mW/g**

Maximum value of SAR (measured) = 0.948 mW/g



0 dB = 0.950mW/g = -0.45 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.704 mW/g

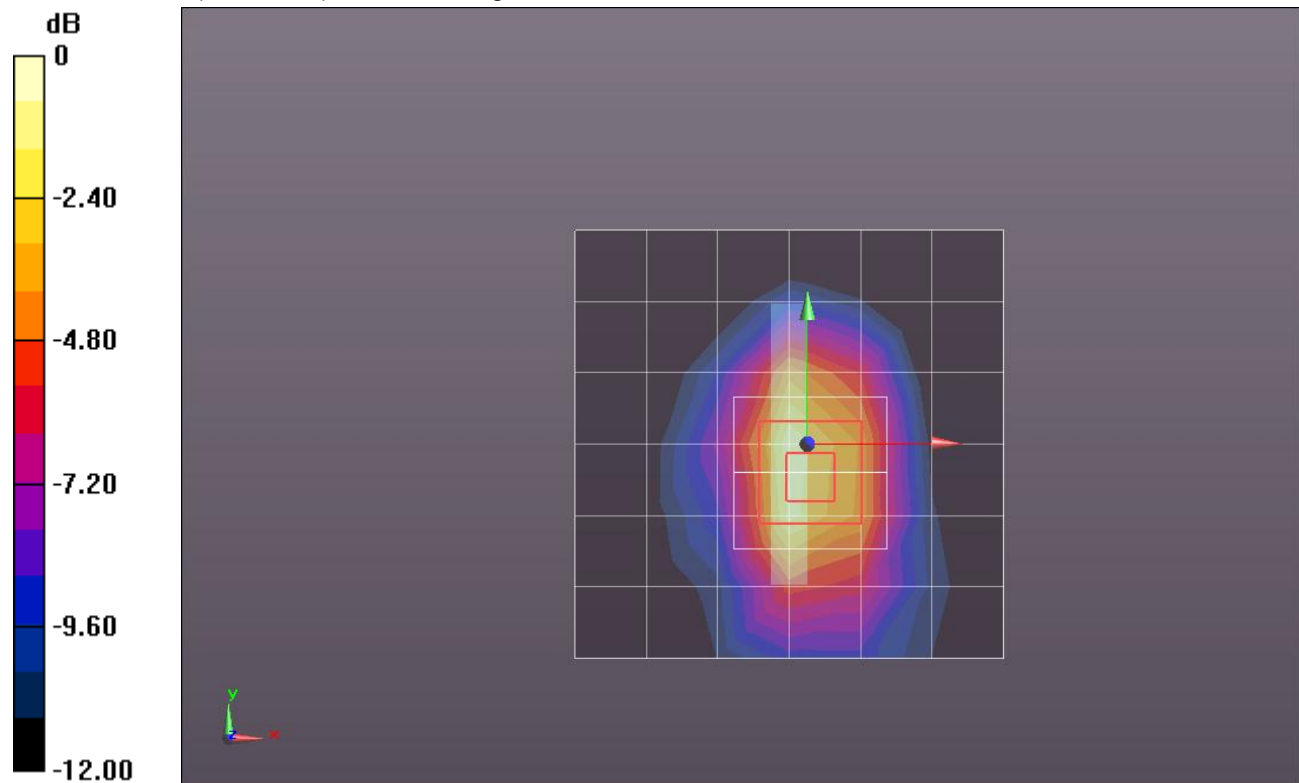
**Edge 3/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.127 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.1190

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.347 mW/g**

Maximum value of SAR (measured) = 0.861 mW/g



0 dB = 0.860mW/g = -1.31 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.947 mW/g

**Edge 3/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

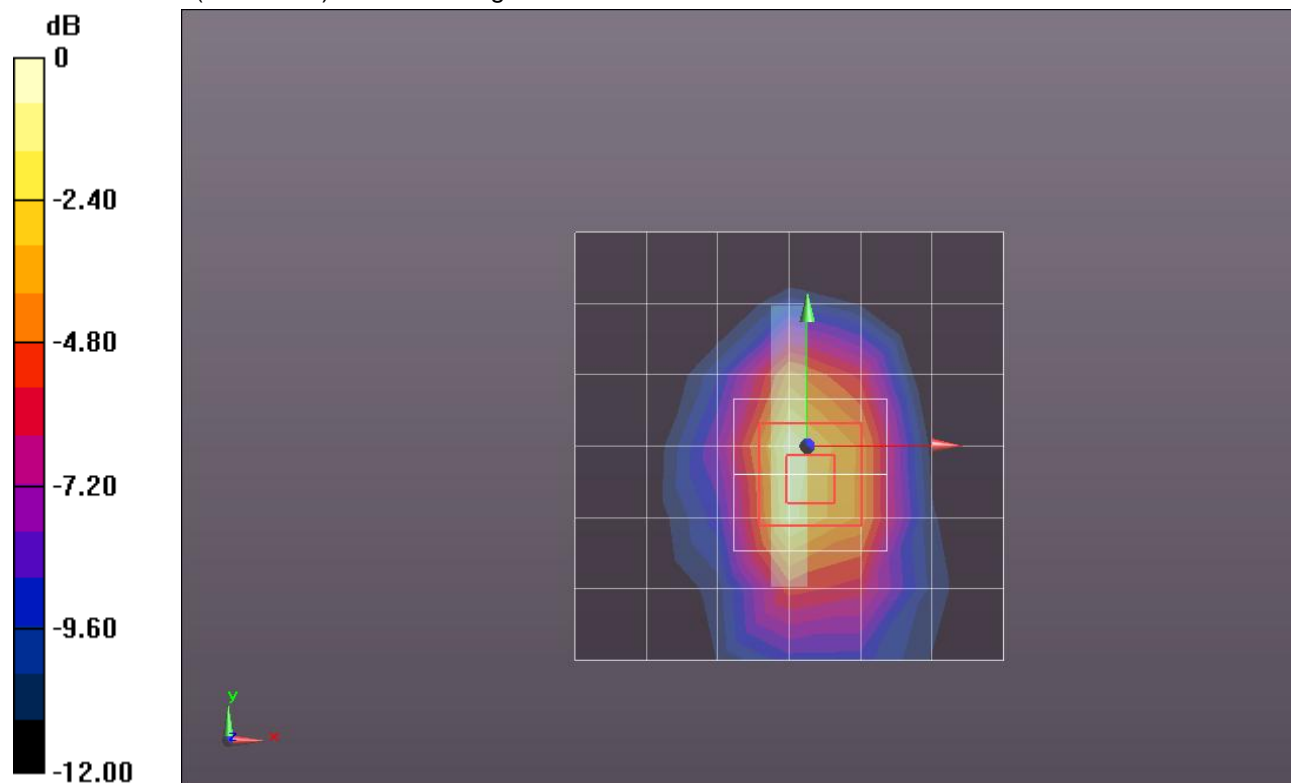
dy=8mm, dz=5mm

Reference Value = 25.689 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.5360

**SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.471 mW/g**

Maximum value of SAR (measured) = 1.177 mW/g



0 dB = 1.180mW/g = 1.44 dB mW/g

## LTE Band 2 (Primary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 51.745$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.855 mW/g

**Edge 3/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

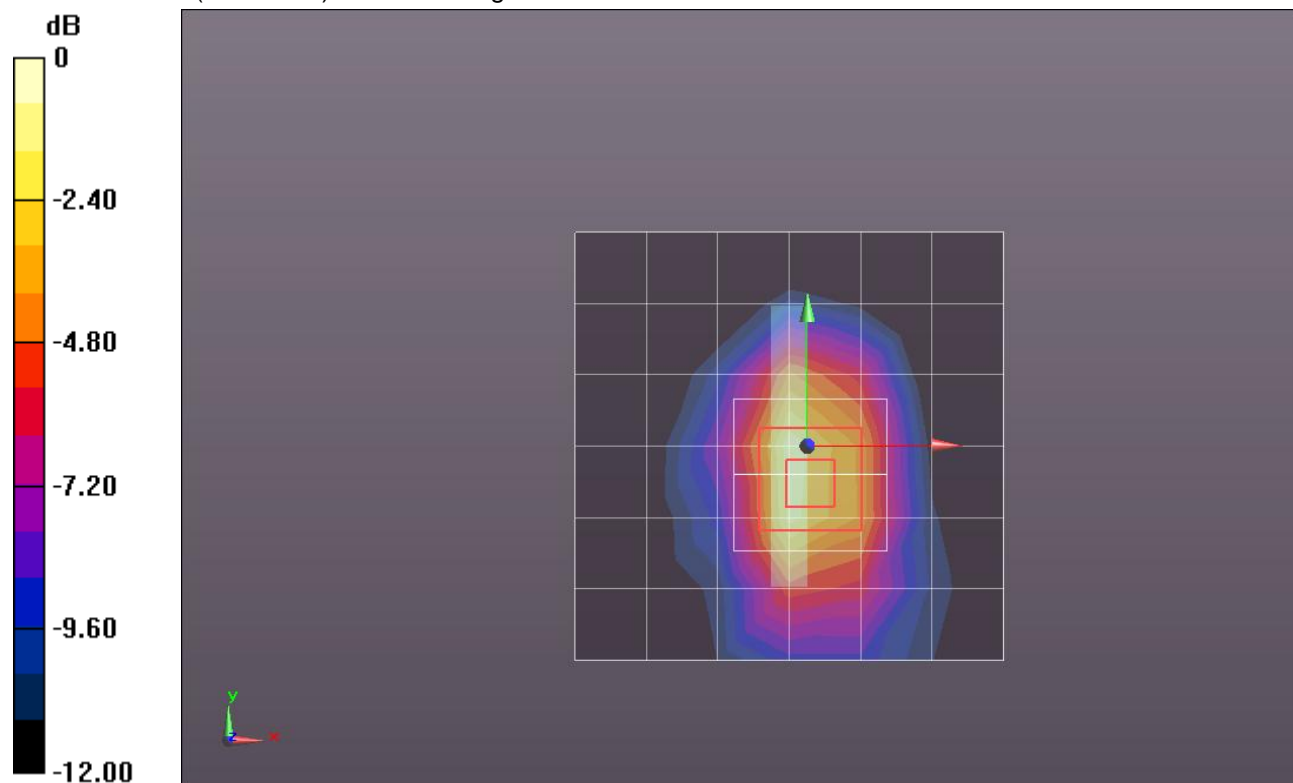
dy=8mm, dz=5mm

Reference Value = 24.248 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.4080

**SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.427 mW/g**

Maximum value of SAR (measured) = 1.072 mW/g



0 dB = 1.070mW/g = 0.59 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.563$  mho/m;  $\epsilon_r = 52.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#100,0\_Ch 19100/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.754 mW/g

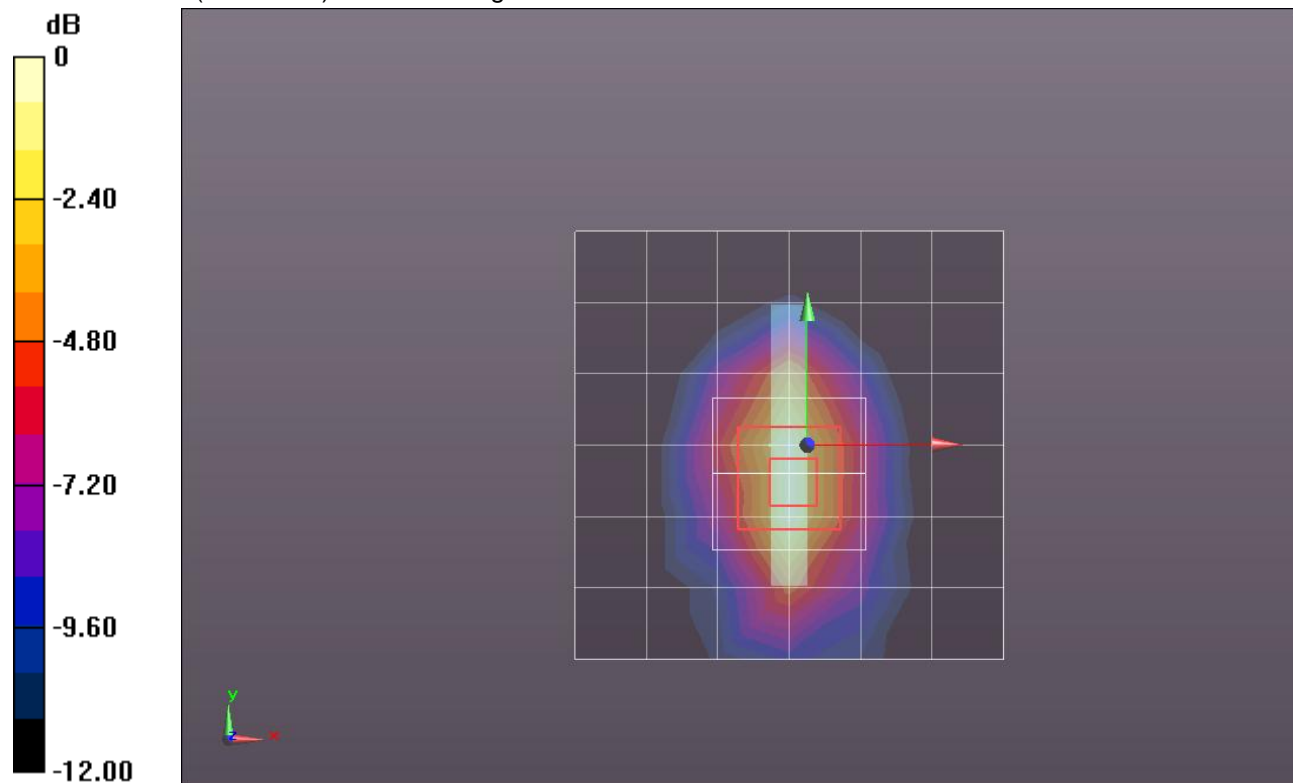
**Edge 3/QPSK\_RB#100,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.394 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.0860

**SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.324 mW/g**

Maximum value of SAR (measured) = 0.822 mW/g



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

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.563$  mho/m;  $\epsilon_r = 52.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,0\_Ch 19100/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.062 mW/g

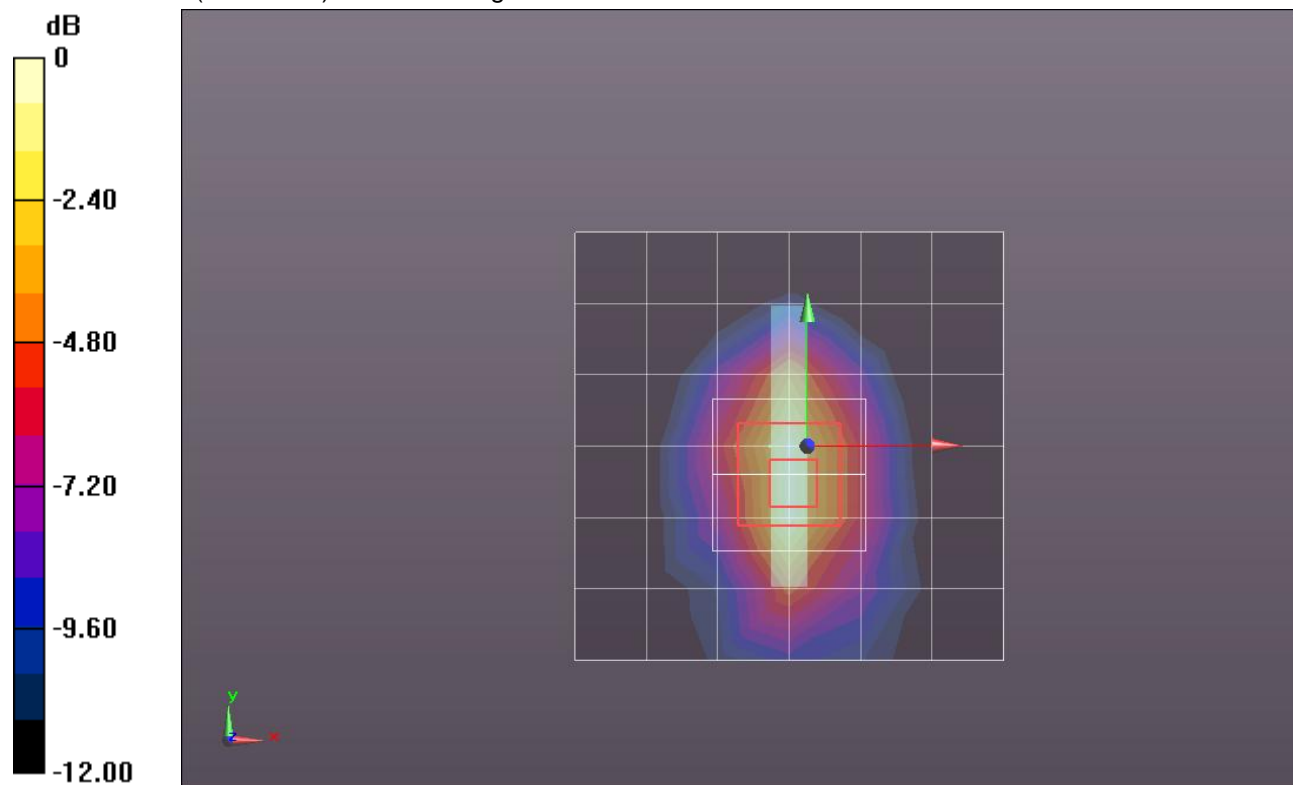
**Edge 3/QPSK\_RB#1,0\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.505 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.5150

**SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.462 mW/g**

Maximum value of SAR (measured) = 1.159 mW/g



0 dB = 1.160mW/g = 1.29 dB mW/g



## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.563$  mho/m;  $\epsilon_r = 52.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,49\_Ch 19100/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.839 mW/g

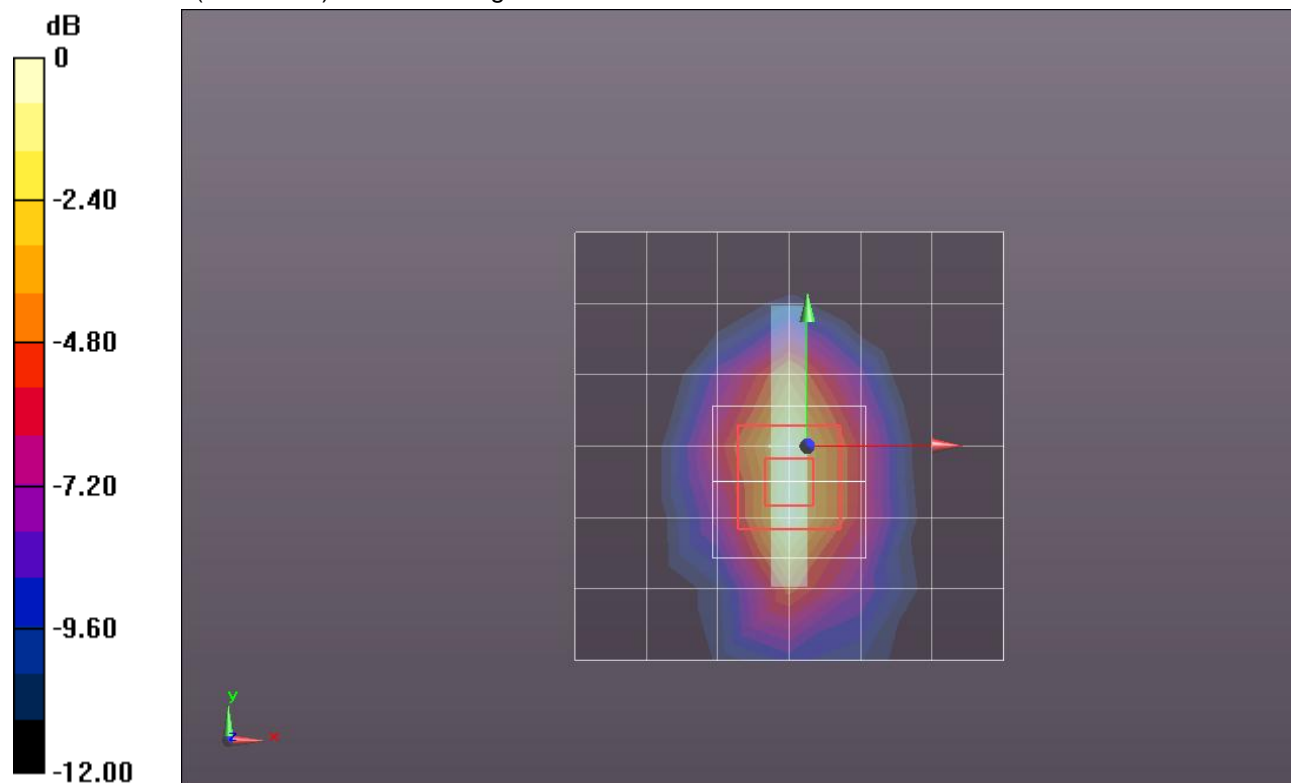
**Edge 3/QPSK\_RB#1,49\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.437 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.2040

**SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.364 mW/g**

Maximum value of SAR (measured) = 0.921 mW/g



0 dB = 0.920mW/g = -0.72 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.563$  mho/m;  $\epsilon_r = 52.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/QPSK\_RB#1,99\_Ch 19100/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.243 mW/g

**Edge 3/QPSK\_RB#1,99\_Ch 19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

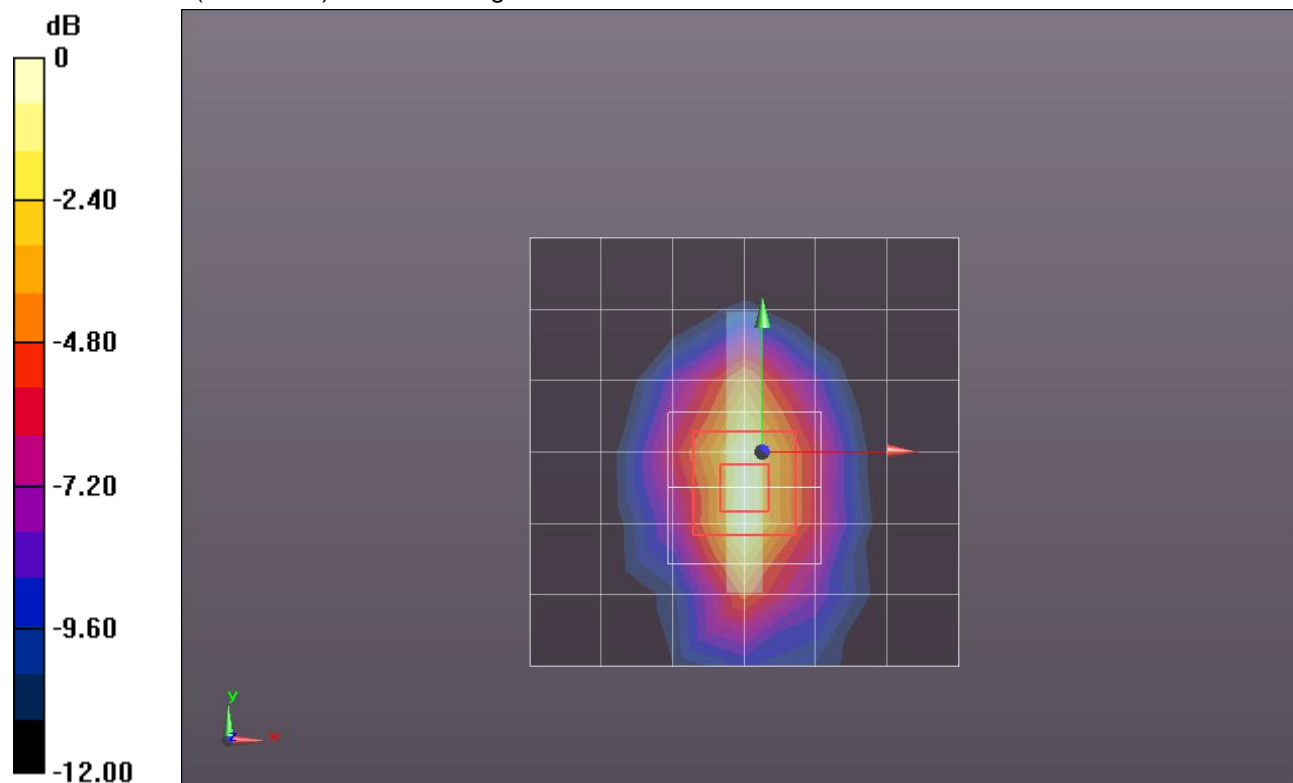
dy=8mm, dz=5mm

Reference Value = 28.886 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.7930

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.539 mW/g**

Maximum value of SAR (measured) = 1.367 mW/g



0 dB = 1.370mW/g = 2.73 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

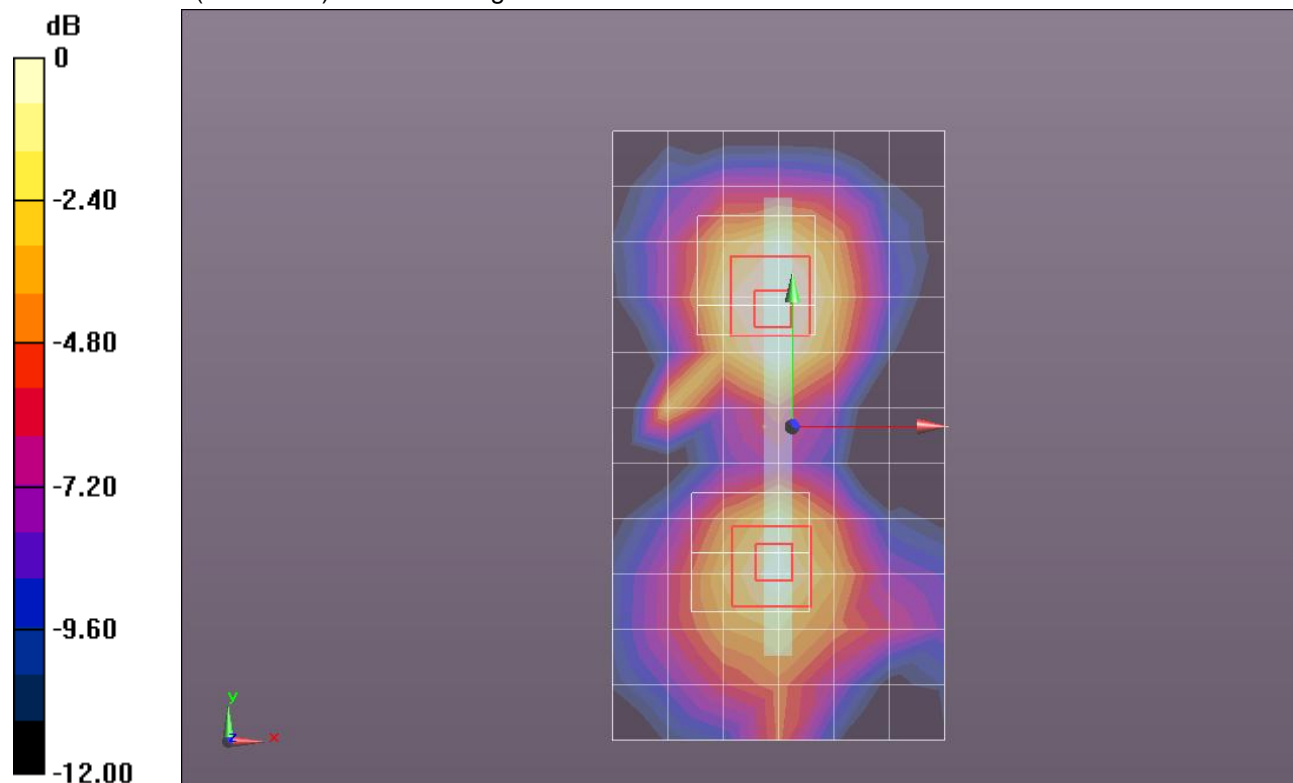
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.118 mW/g

**Edge 4/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.853 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.1590  
**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.052 mW/g**  
Maximum value of SAR (measured) = 0.115 mW/g

**Edge 4/QPSK\_RB#100,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.853 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.1020  
**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.034 mW/g**  
Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.080mW/g = -21.94 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.085 mW/g

**Edge 4/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.622 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.1160

**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.087 mW/g

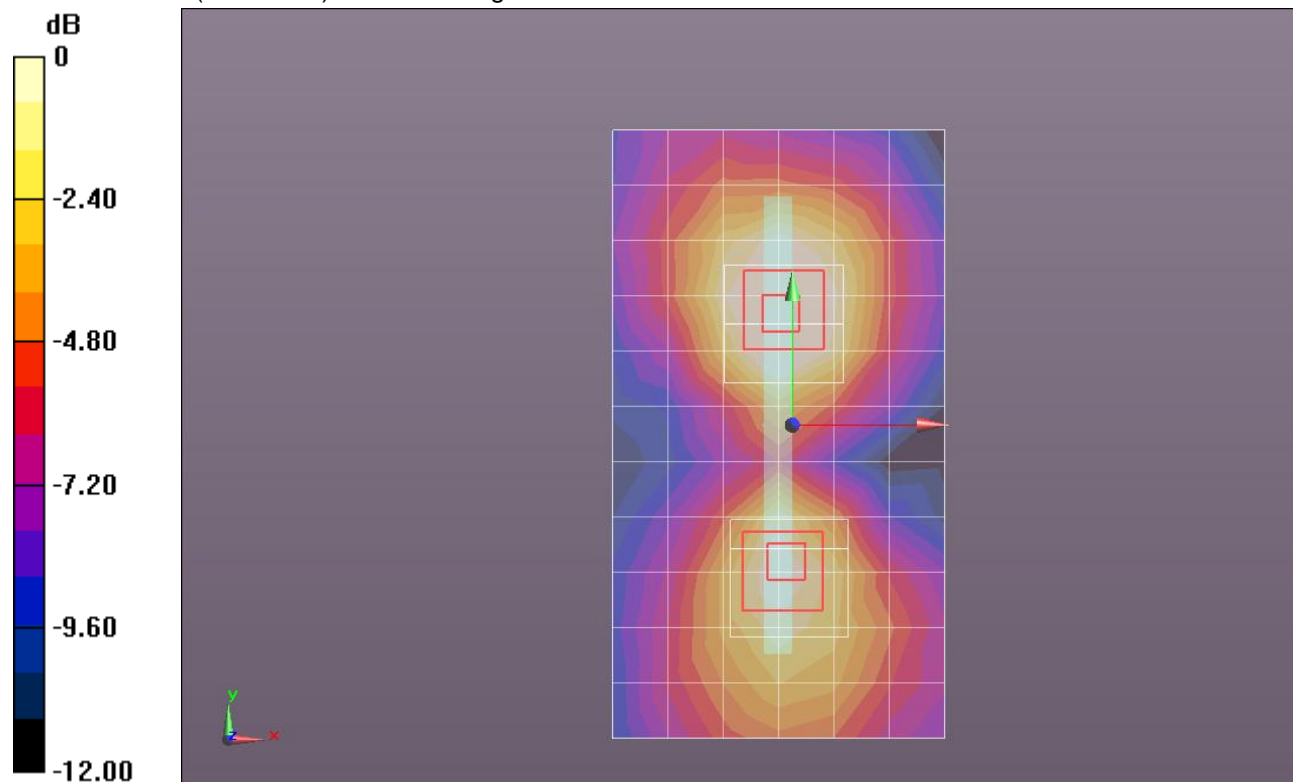
**Edge 4/QPSK\_RB#1,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.622 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0740

**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.050mW/g = -26.02 dB mW/g

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.146 mW/g

**Edge 4/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.818 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.1910

**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.145 mW/g

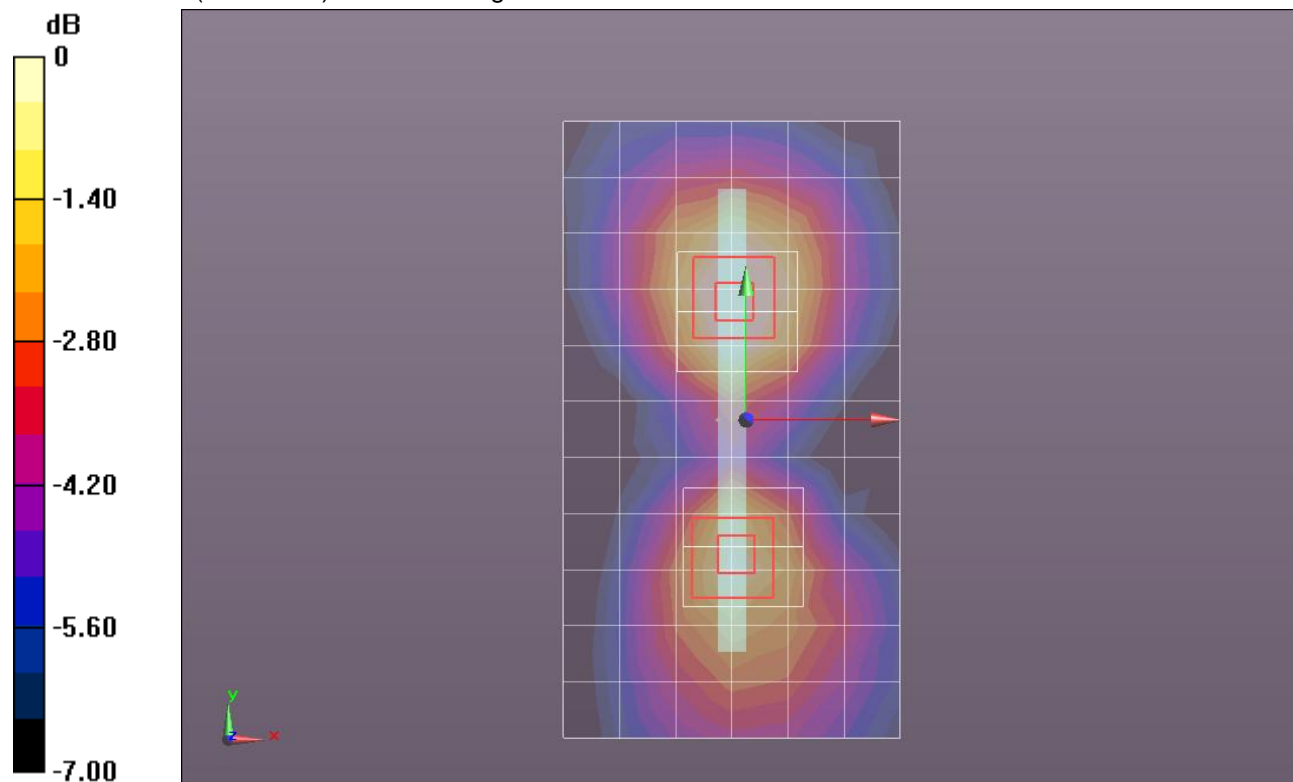
**Edge 4/QPSK\_RB#1,49\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.818 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.1330

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.042 mW/g**

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



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

## LTE Band 2 (Primary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 52.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.118 mW/g

**Edge 4/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.855 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.1570

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.119 mW/g

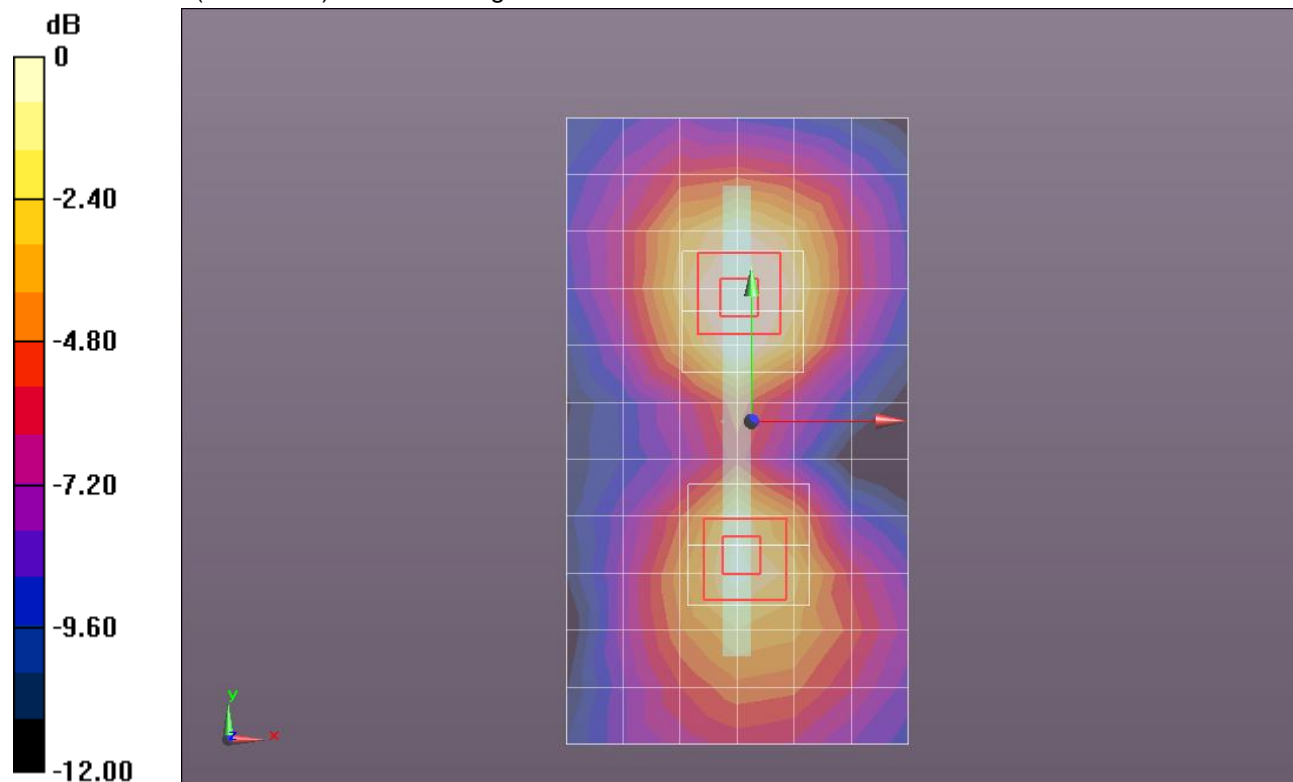
**Edge 4/QPSK\_RB#1,99\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.855 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.1040

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.078 mW/g



0 dB = 0.080mW/g = -21.94 dB mW/g

## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.450 mW/g

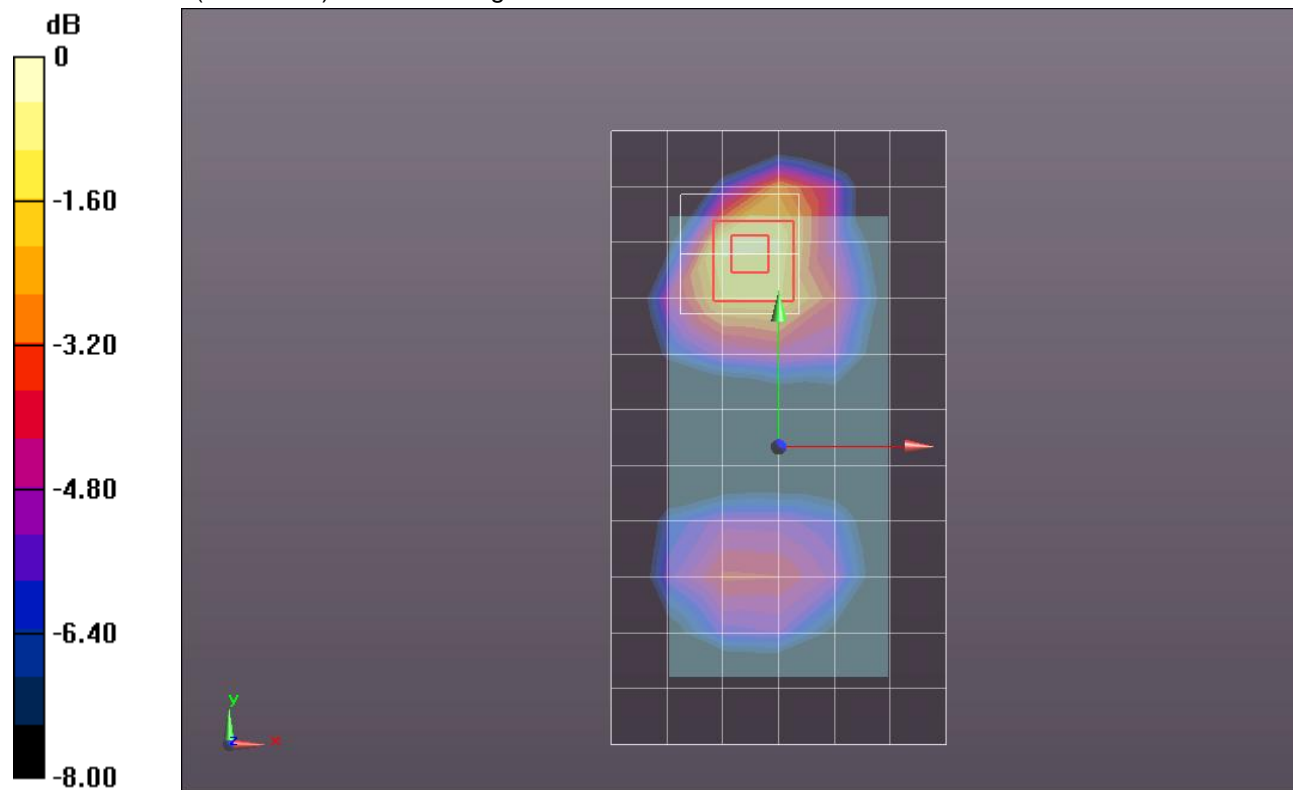
**Rear/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.365 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.7400

**SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.245 mW/g**

Maximum value of SAR (measured) = 0.555 mW/g



0 dB = 0.550mW/g = -5.19 dB mW/g

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.595 mW/g

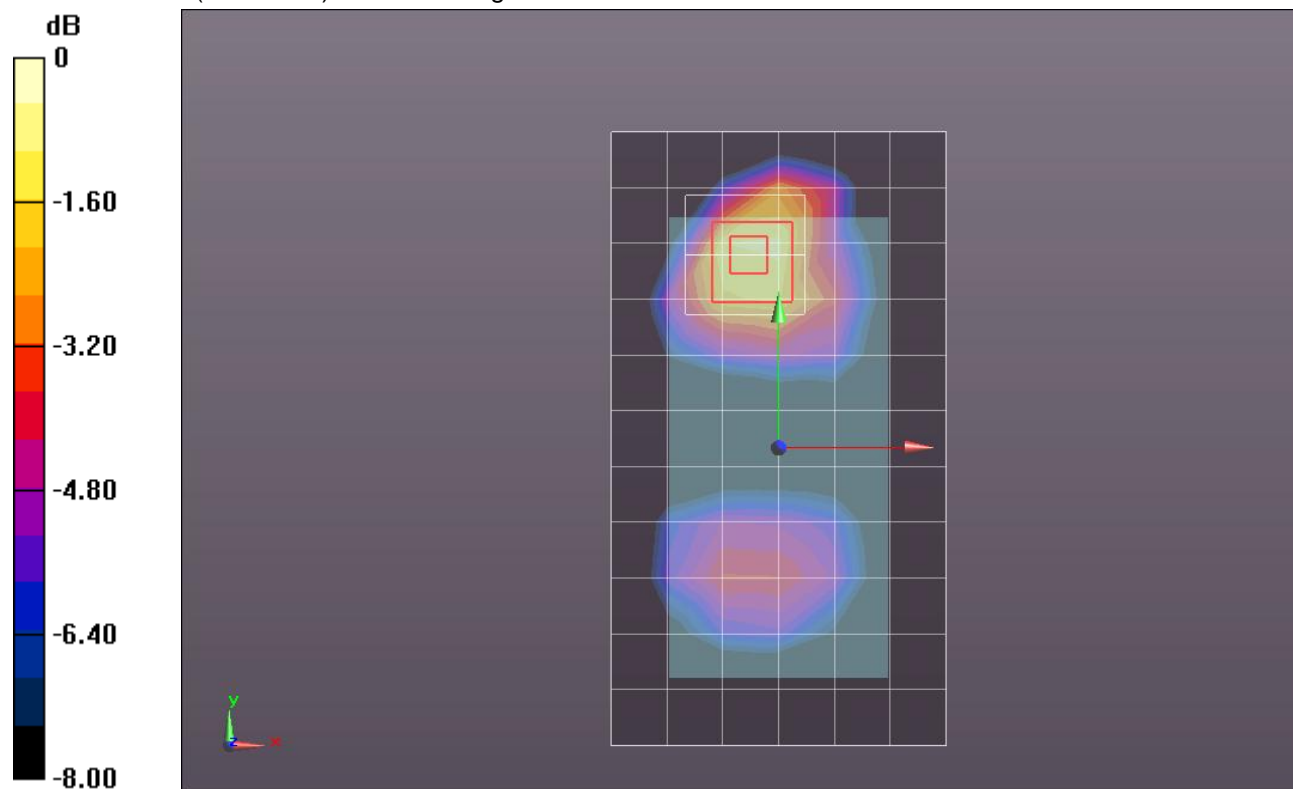
**Rear/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.617 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.9680

**SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.324 mW/g**

Maximum value of SAR (measured) = 0.732 mW/g



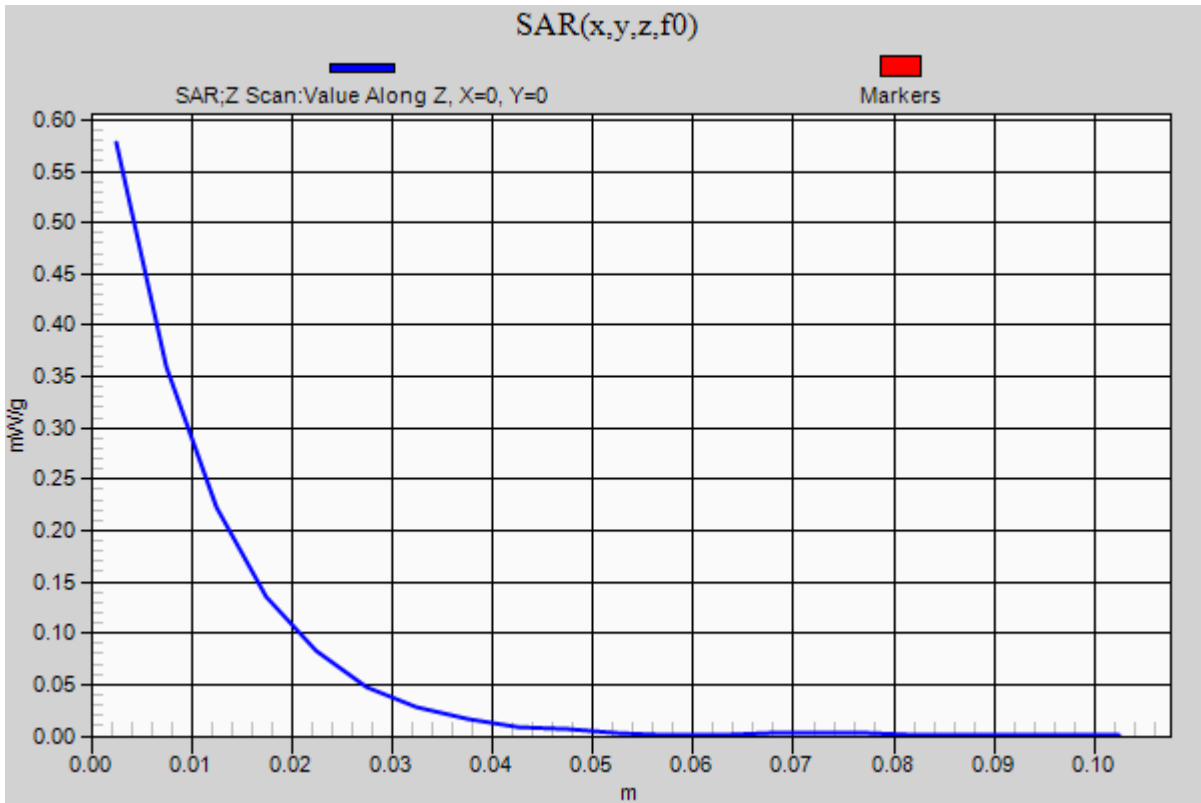
0 dB = 0.730mW/g = -2.73 dB mW/g



## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1

**Rear/QPSK\_RB#1,0\_Ch 18900/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.578 mW/g



## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,0\_Ch 18900 w/Headset/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.618 mW/g

**Rear/QPSK\_RB#1,0\_Ch 18900 w/Headset/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

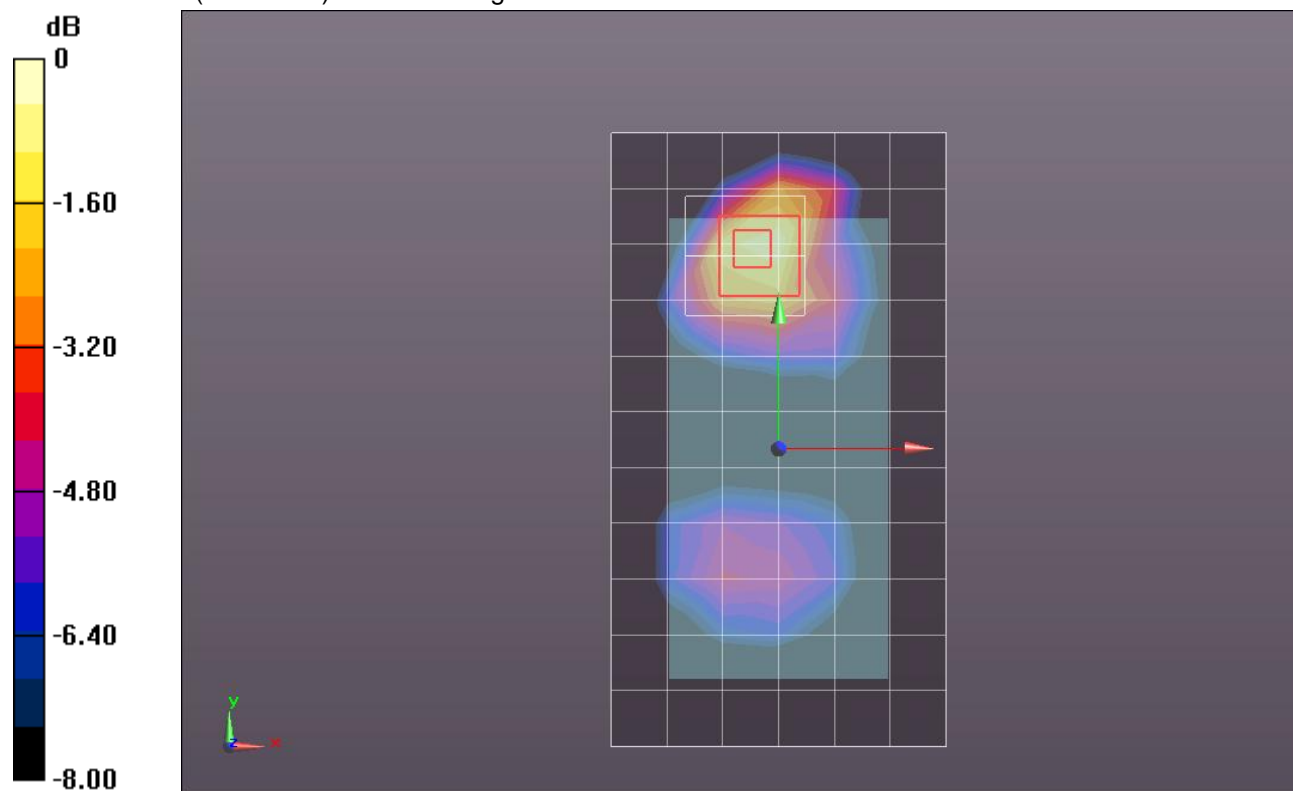
dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.037 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.9760

**SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.317 mW/g**

Maximum value of SAR (measured) = 0.718 mW/g



0 dB = 0.720mW/g = -2.85 dB mW/g

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.525 mW/g

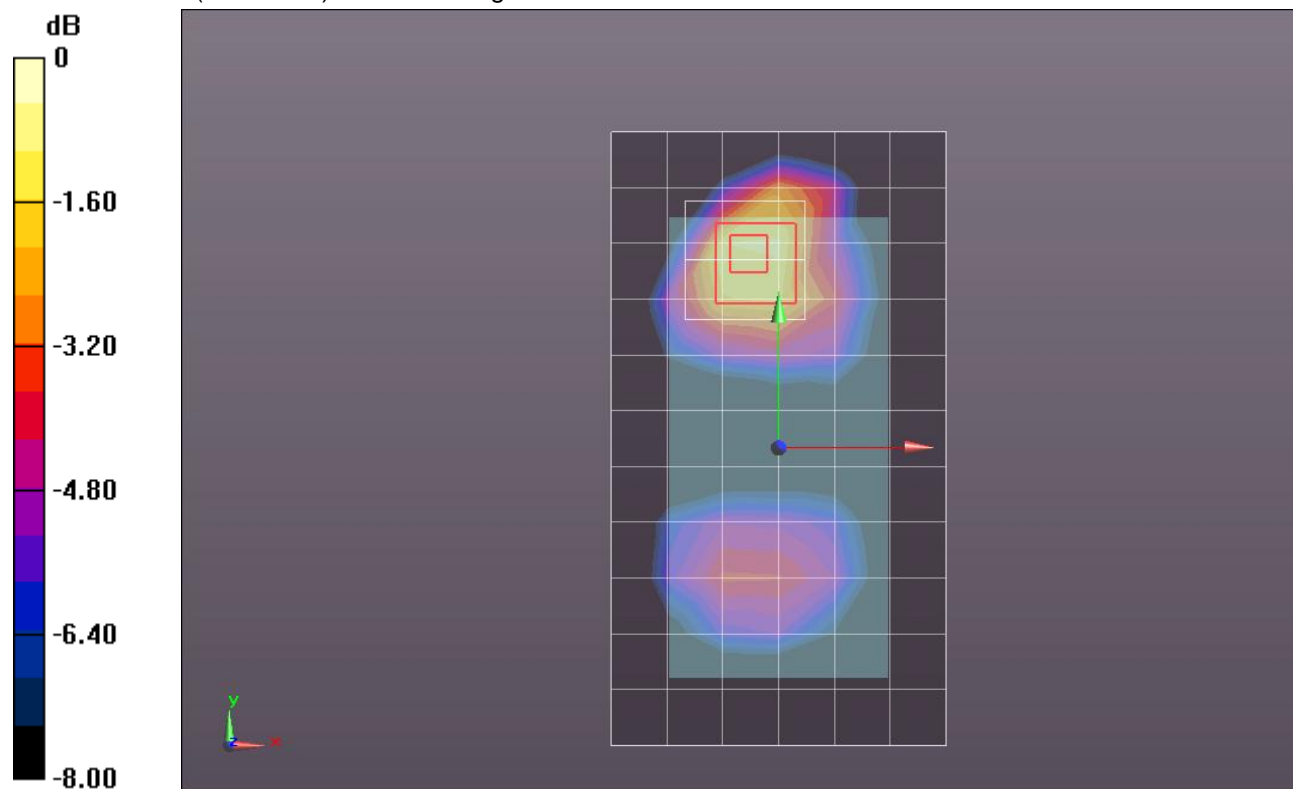
**Rear/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.576 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.8720

**SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.288 mW/g**

Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.650mW/g = -3.74 dB mW/g

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

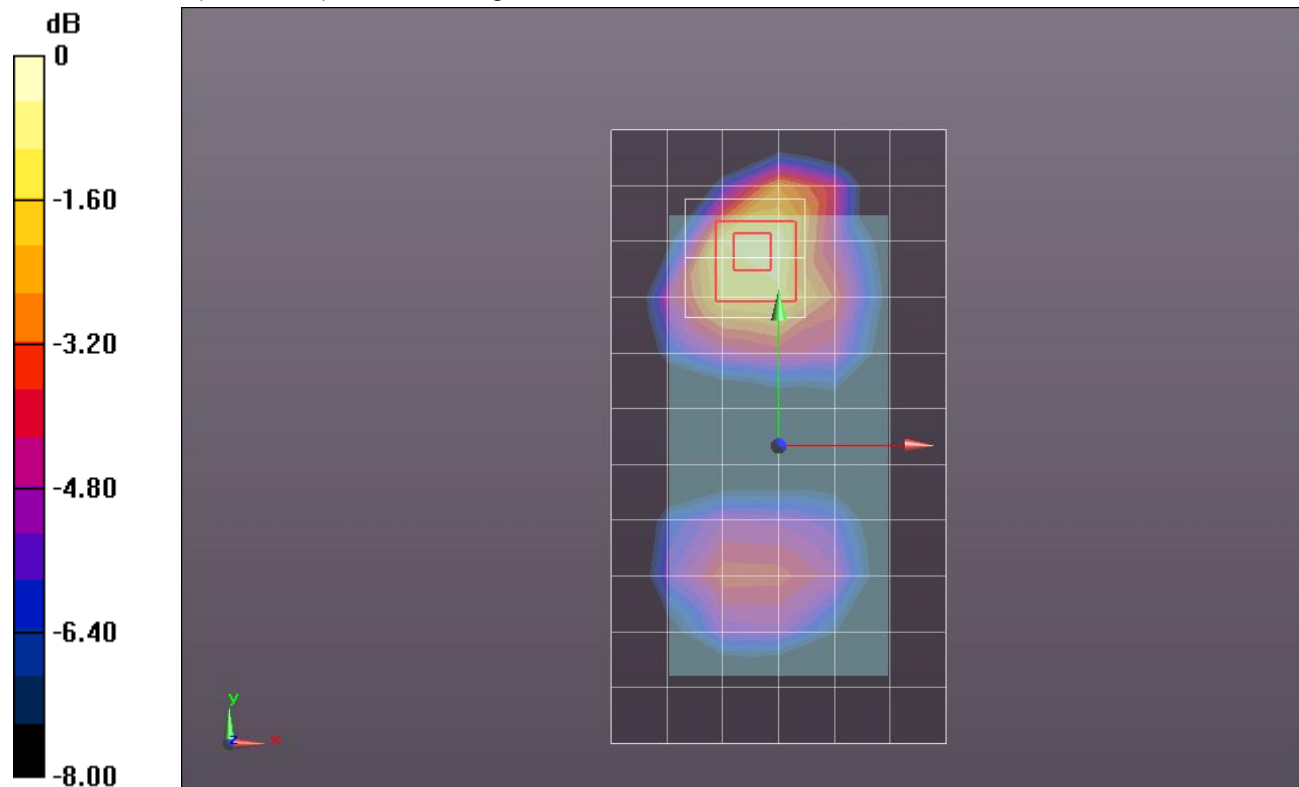
**Rear/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.026 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.9000

**SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 0.665 mW/g



0 dB = 0.660mW/g = -3.61 dB mW/g

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

**Front/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

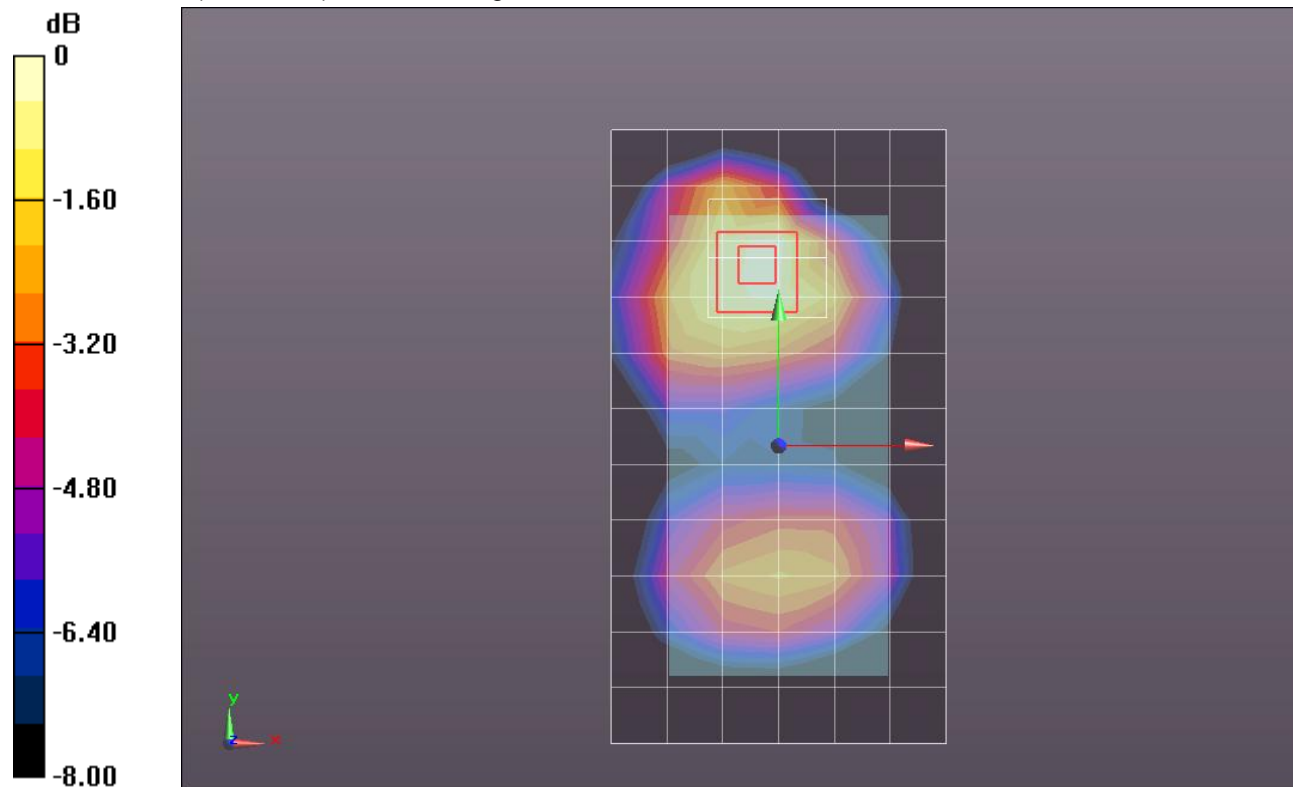
dy=8mm, dz=5mm

Reference Value = 12.737 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.3540

**SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.135 mW/g**

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



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

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

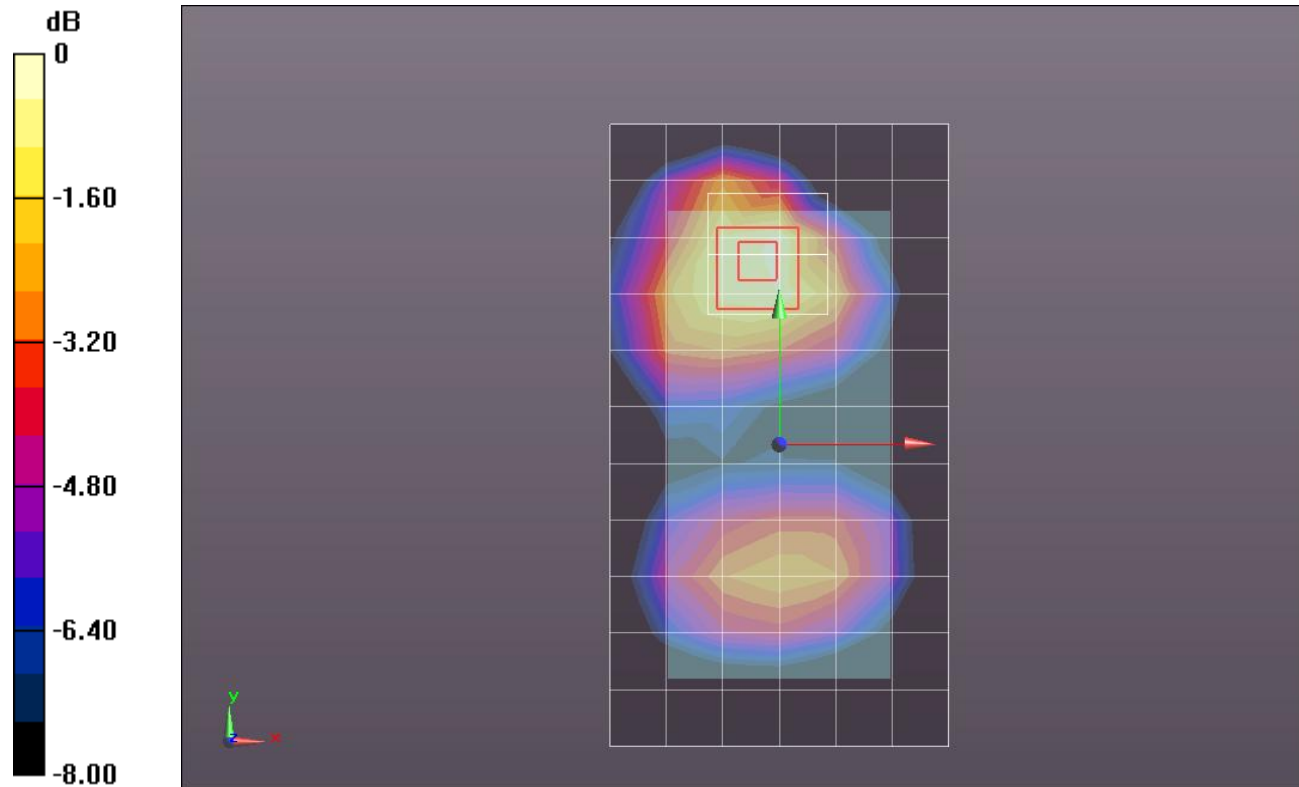
**Front/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.936 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.5430

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.210 mW/g**

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



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

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.310 mW/g

**Front/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,

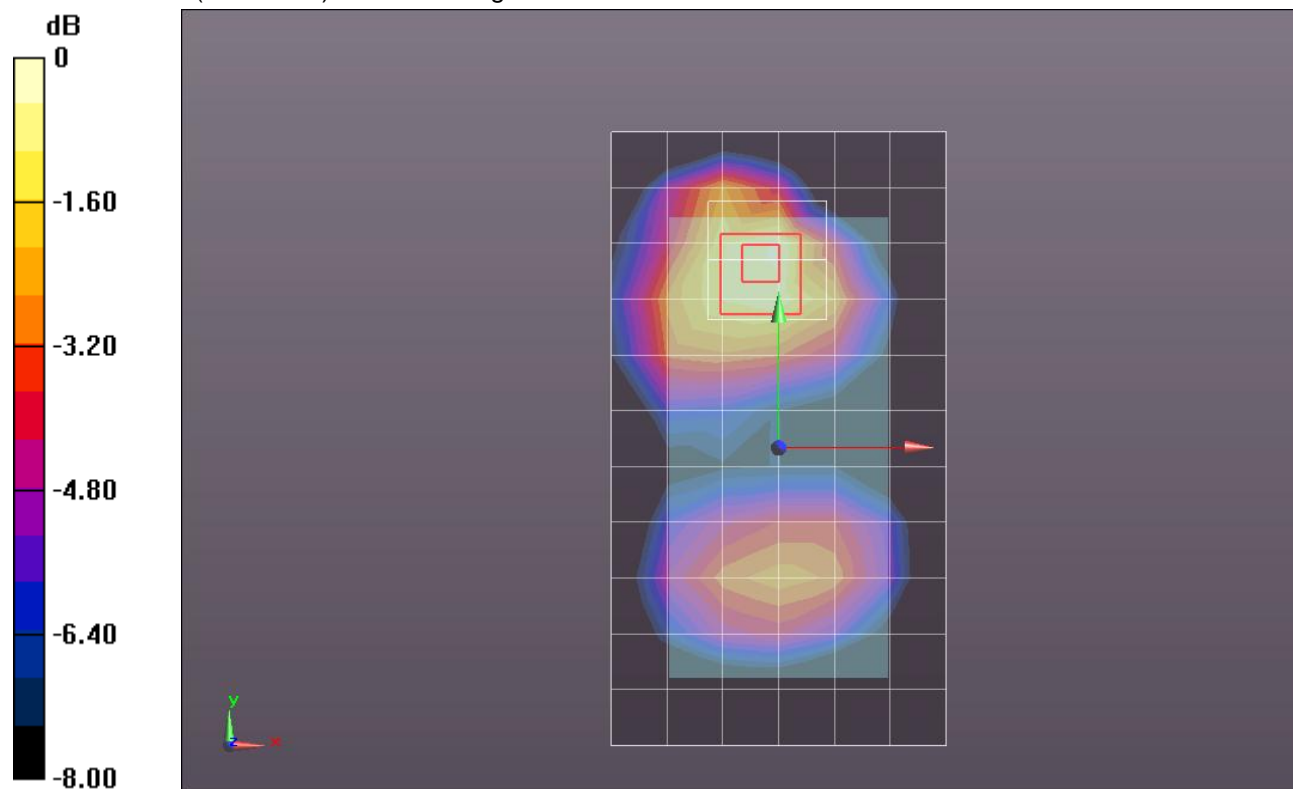
dz=5mm

Reference Value = 14.270 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.4350

**SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.166 mW/g**

Maximum value of SAR (measured) = 0.339 mW/g



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

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.308 mW/g

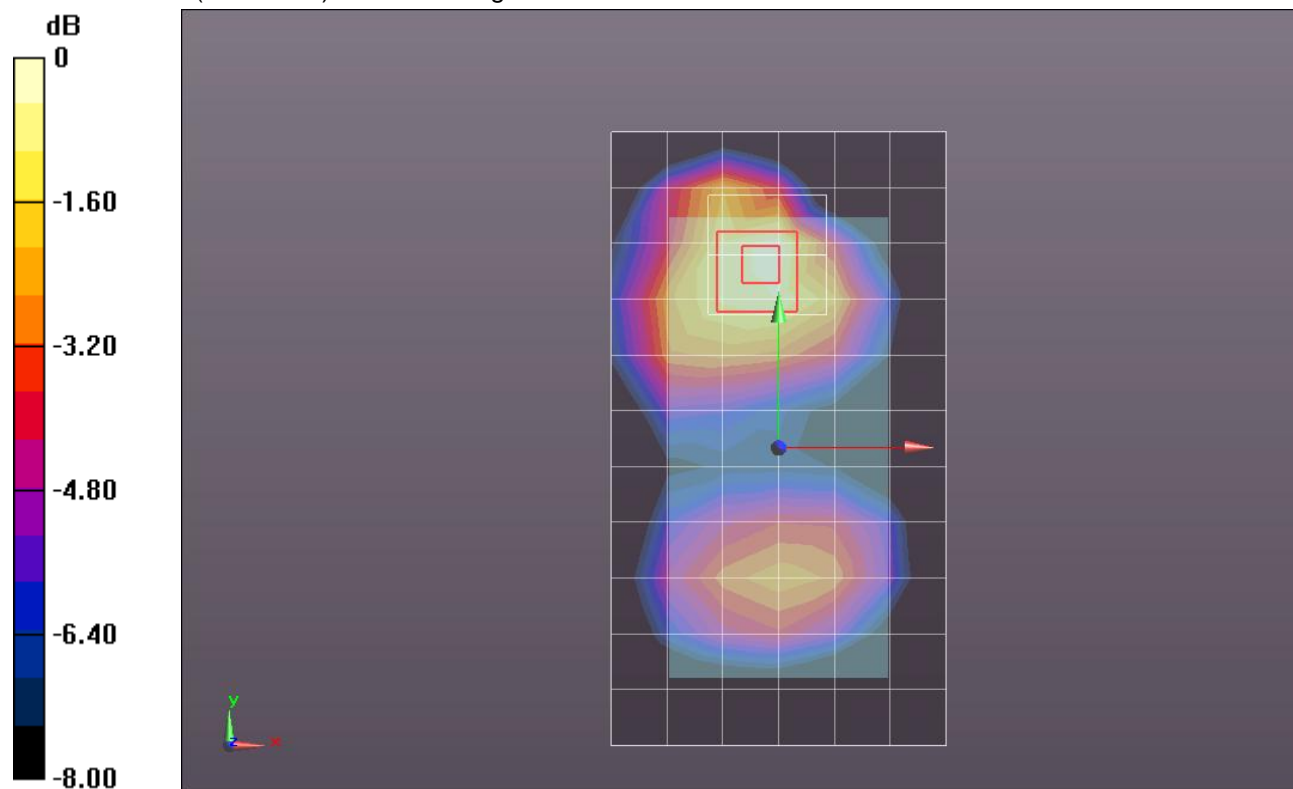
**Front/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.025 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.4220

**SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.324 mW/g



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



## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 1/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.207 mW/g

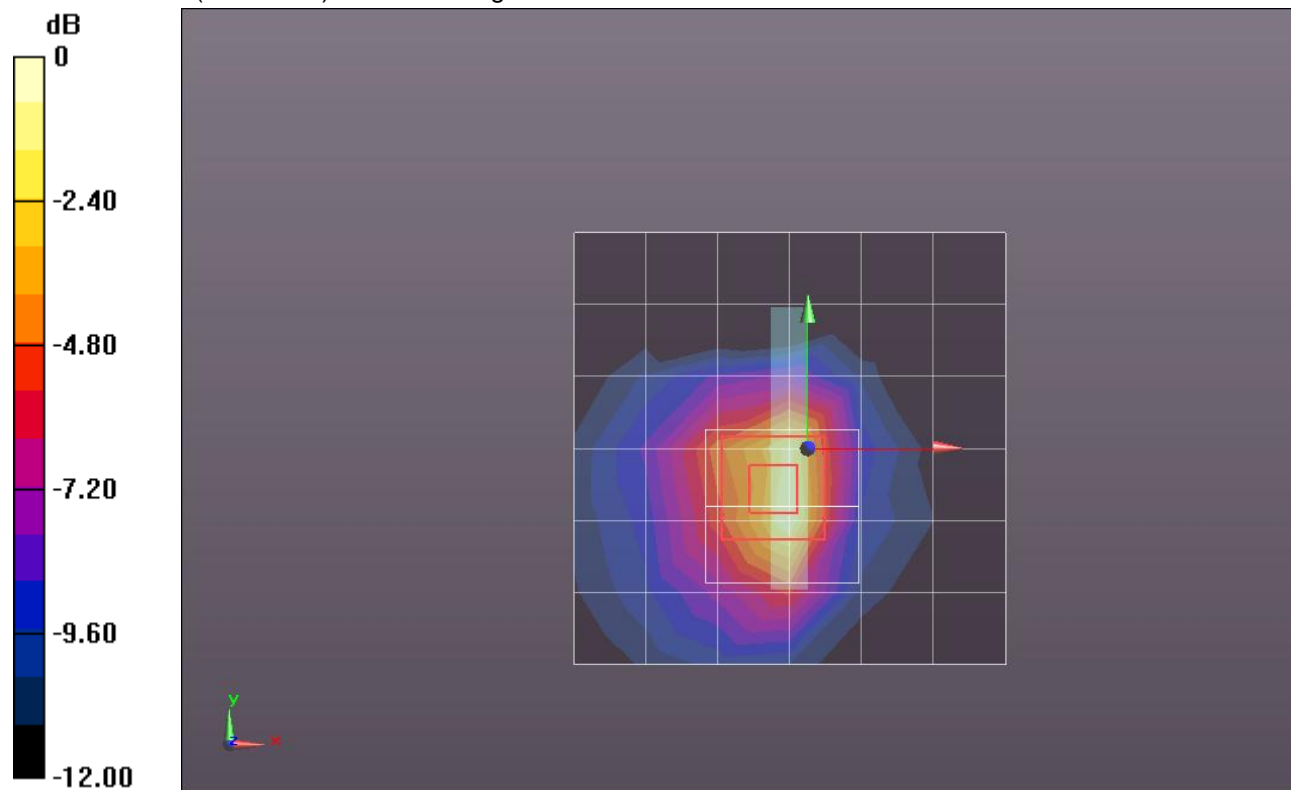
**Edge 1/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.641 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.3290

**SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.089 mW/g**

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



0 dB = 0.240mW/g = -12.40 dB mW/g

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 1/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

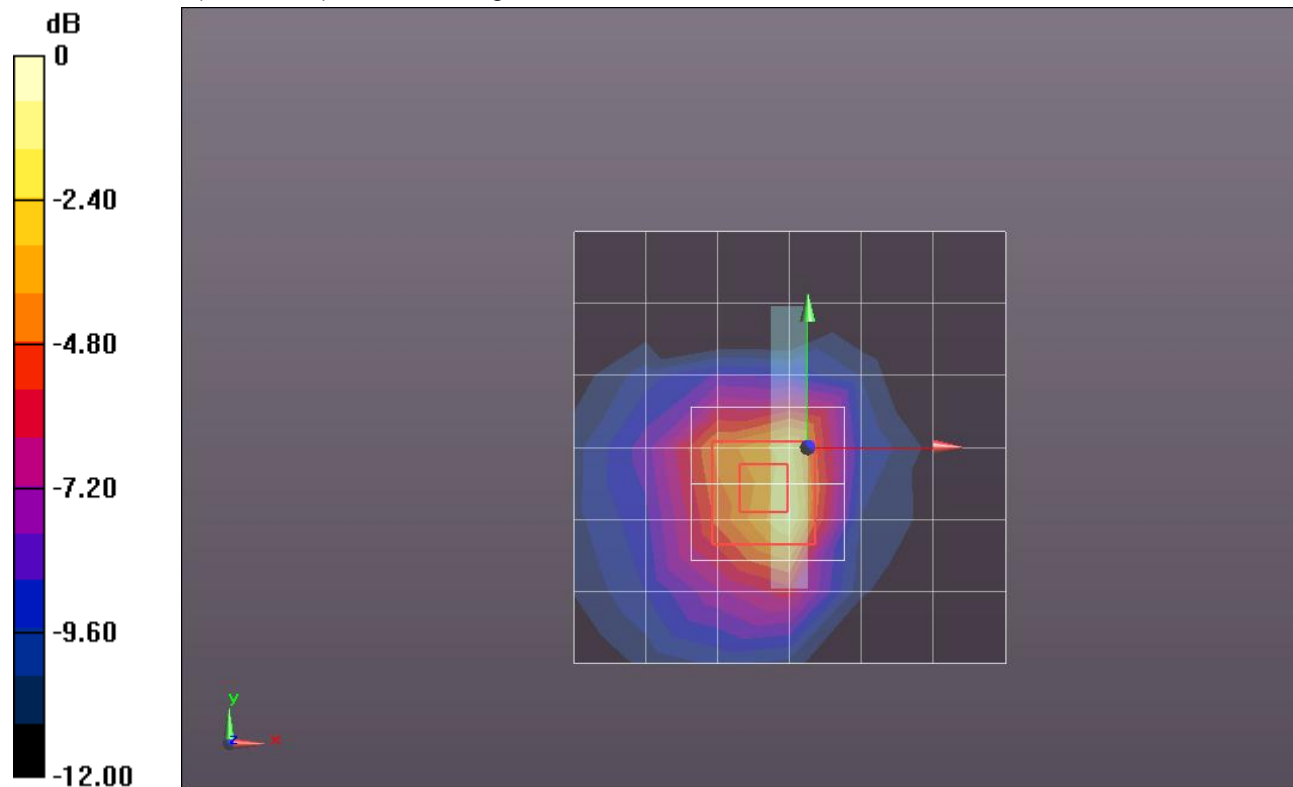
**Edge 1/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.829 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.3990

**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.106 mW/g**

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



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

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 1/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.192 mW/g

**Edge 1/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

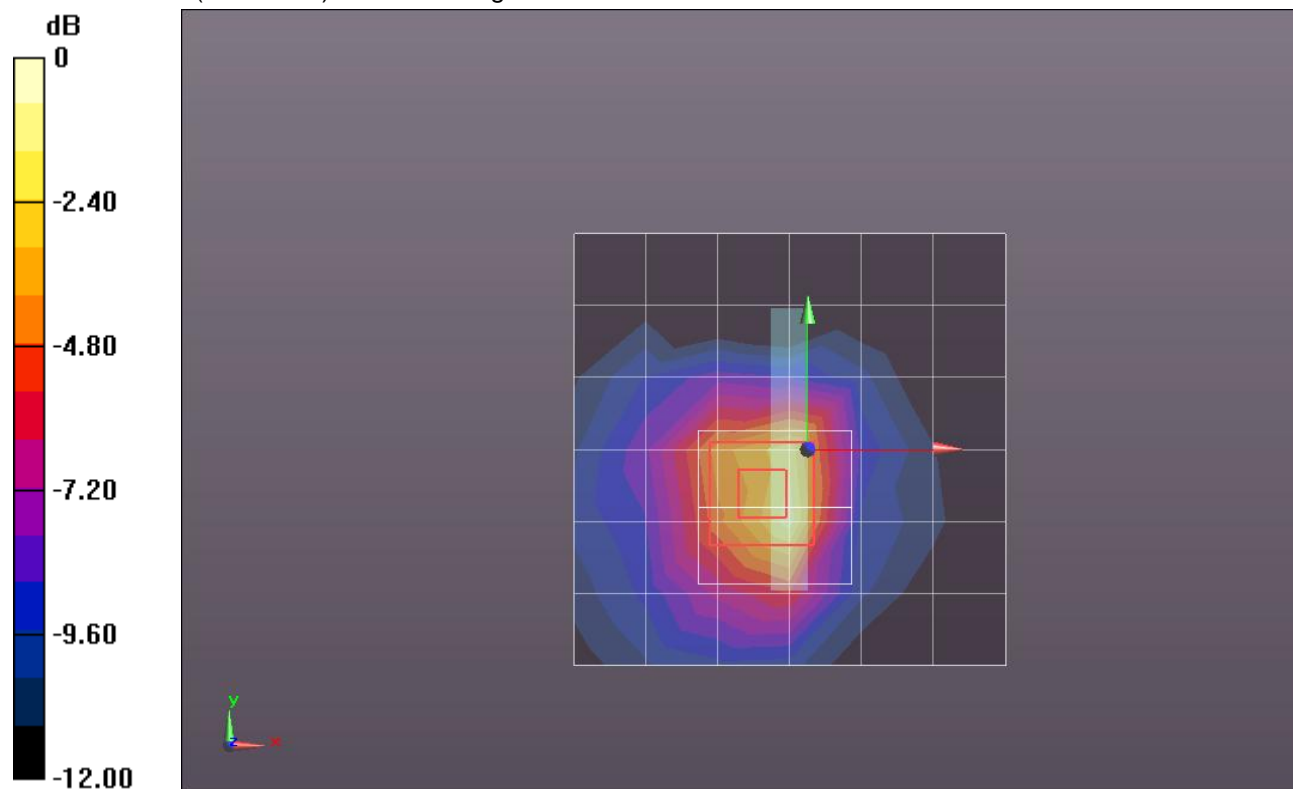
dy=8mm, dz=5mm

Reference Value = 11.027 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.3510

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.092 mW/g**

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



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

## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 1/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.233 mW/g

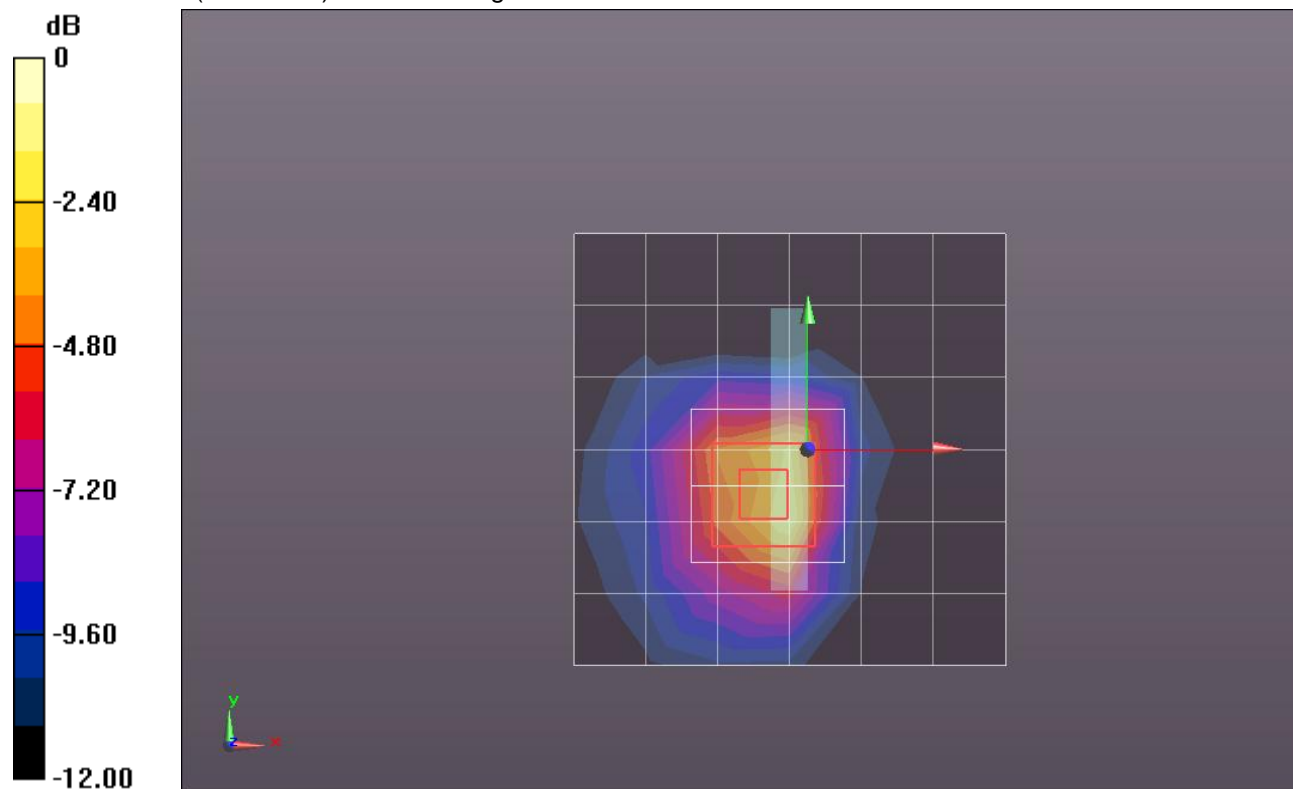
**Edge 1/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.261 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.4380

**SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.330mW/g = -9.63 dB mW/g

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.102 mW/g

**Edge 2/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.207 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.1330

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g

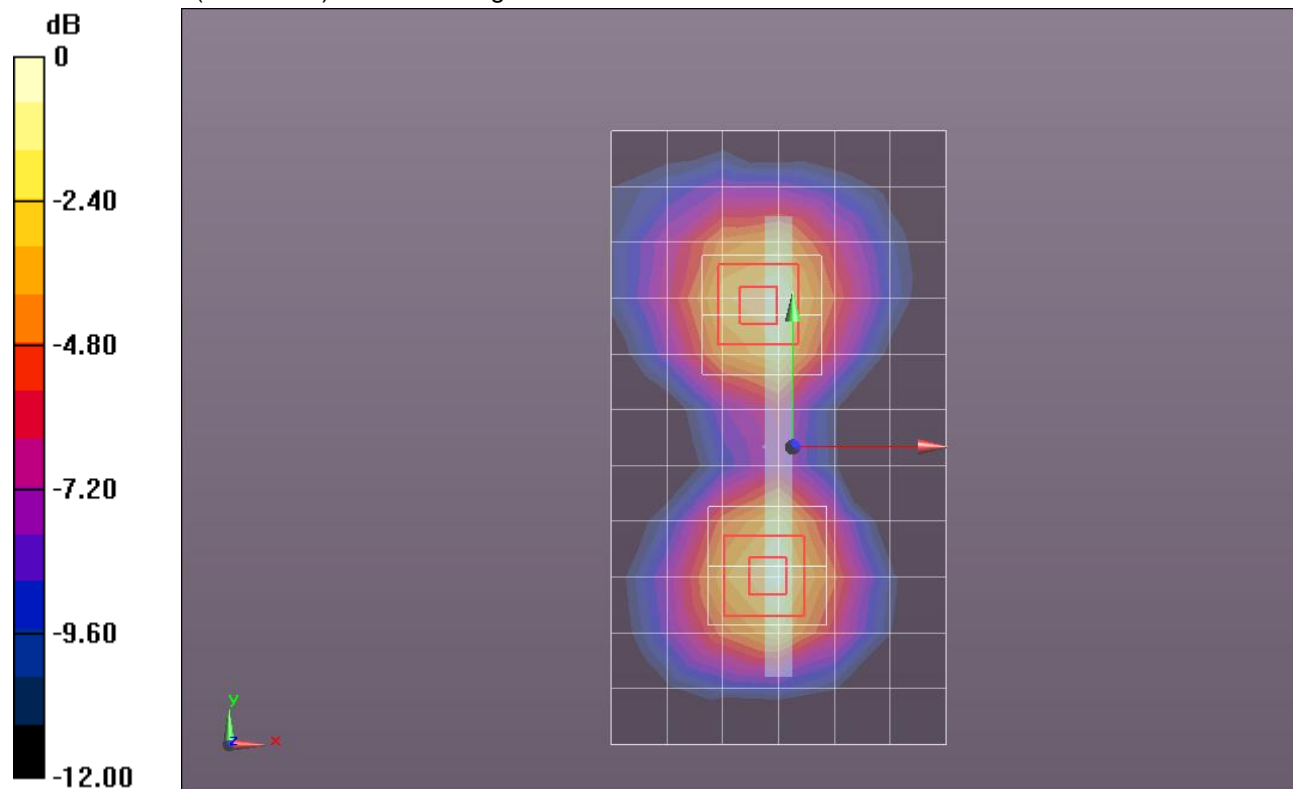
**Edge 2/QPSK\_RB#100,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.207 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.1380

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.110mW/g = -19.17 dB mW/g

## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.168 mW/g

**Edge 2/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.357 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.2340

**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.182 mW/g

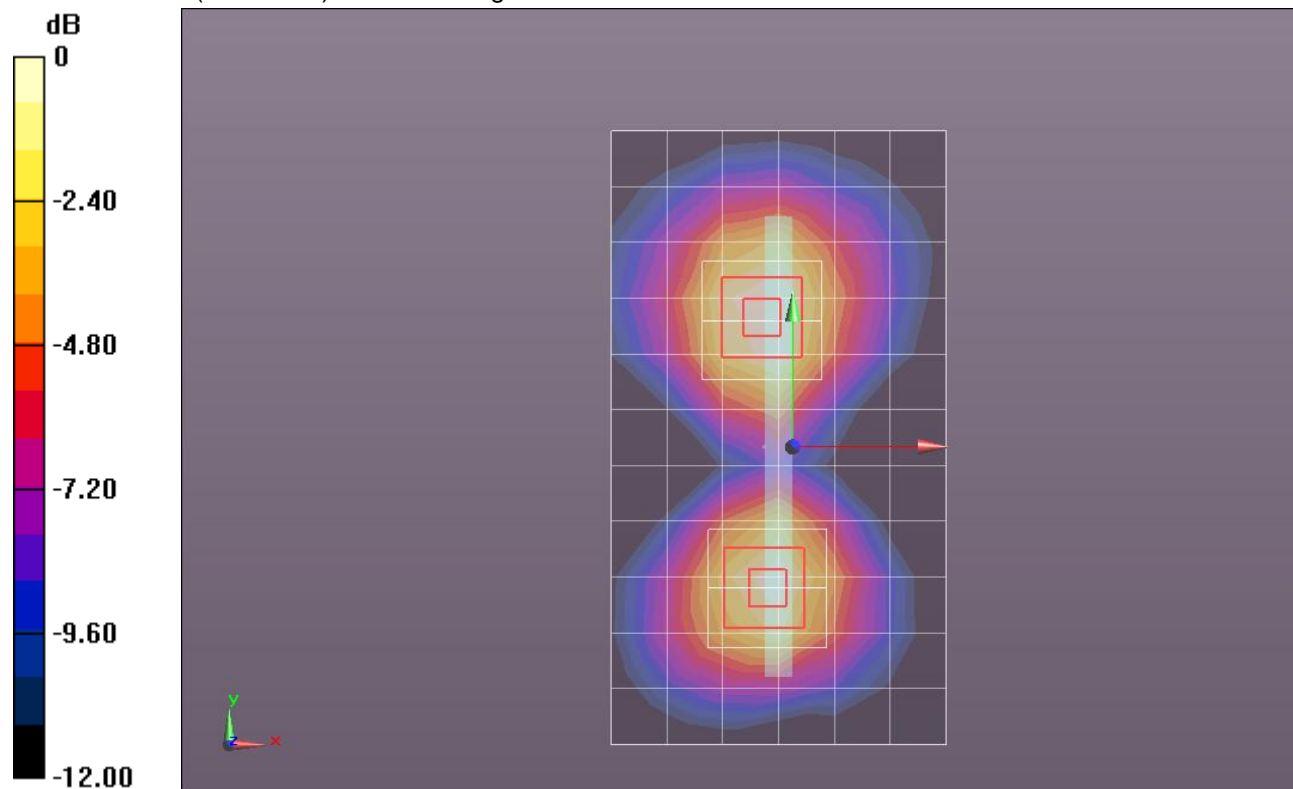
**Edge 2/QPSK\_RB#1,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.357 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.1950

**SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.068 mW/g**

Maximum value of SAR (measured) = 0.154 mW/g



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

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.114 mW/g

**Edge 2/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 9.709 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.1860

**SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.062 mW/g**

Maximum value of SAR (measured) = 0.143 mW/g

**Edge 2/QPSK\_RB#1,49\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

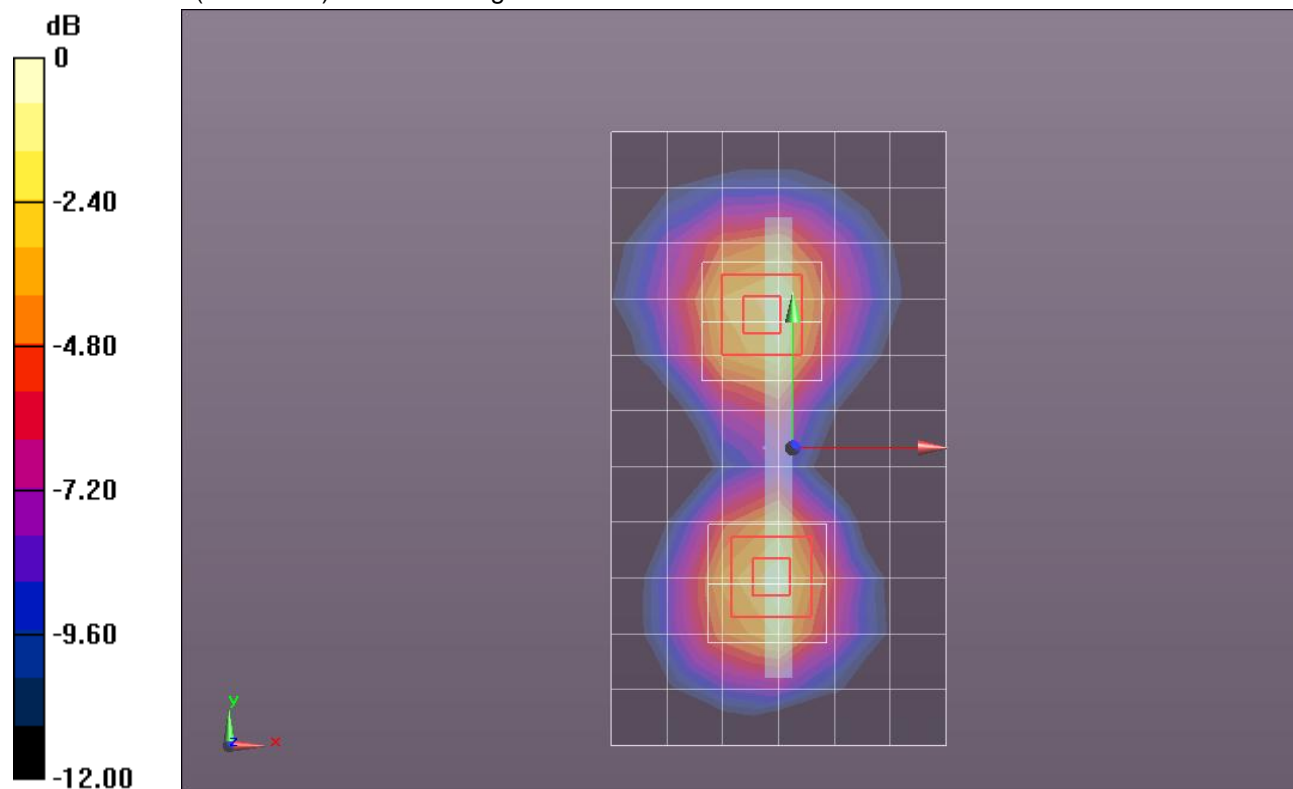
dy=8mm, dz=5mm

Reference Value = 9.709 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.1840

**SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.062 mW/g**

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



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

## LTE Band 2 (Secondary Antenna)

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.162 mW/g

**Edge 2/QPSK\_RB#1,99\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 10.369 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.2140

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.070 mW/g**

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

**Edge 2/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

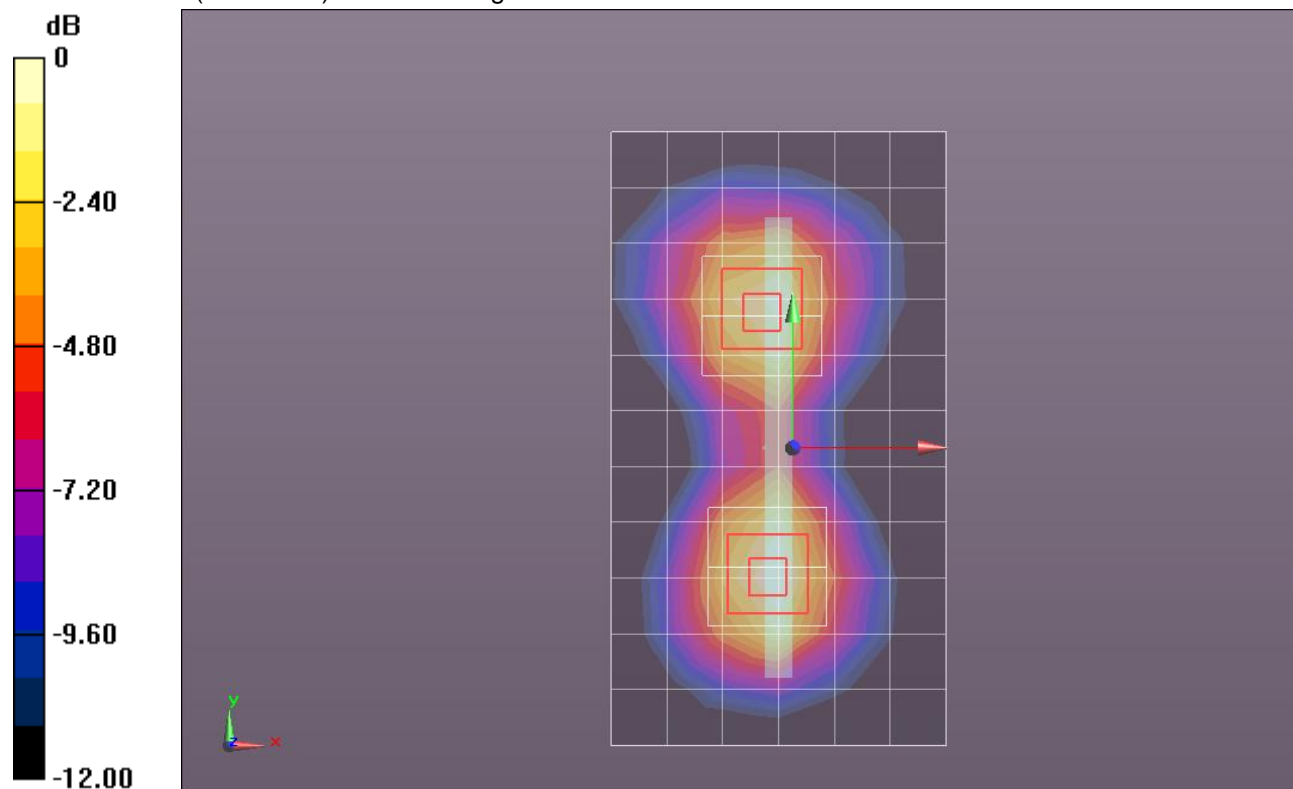
dy=8mm, dz=5mm

Reference Value = 10.369 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.1940

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.150 mW/g



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



## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

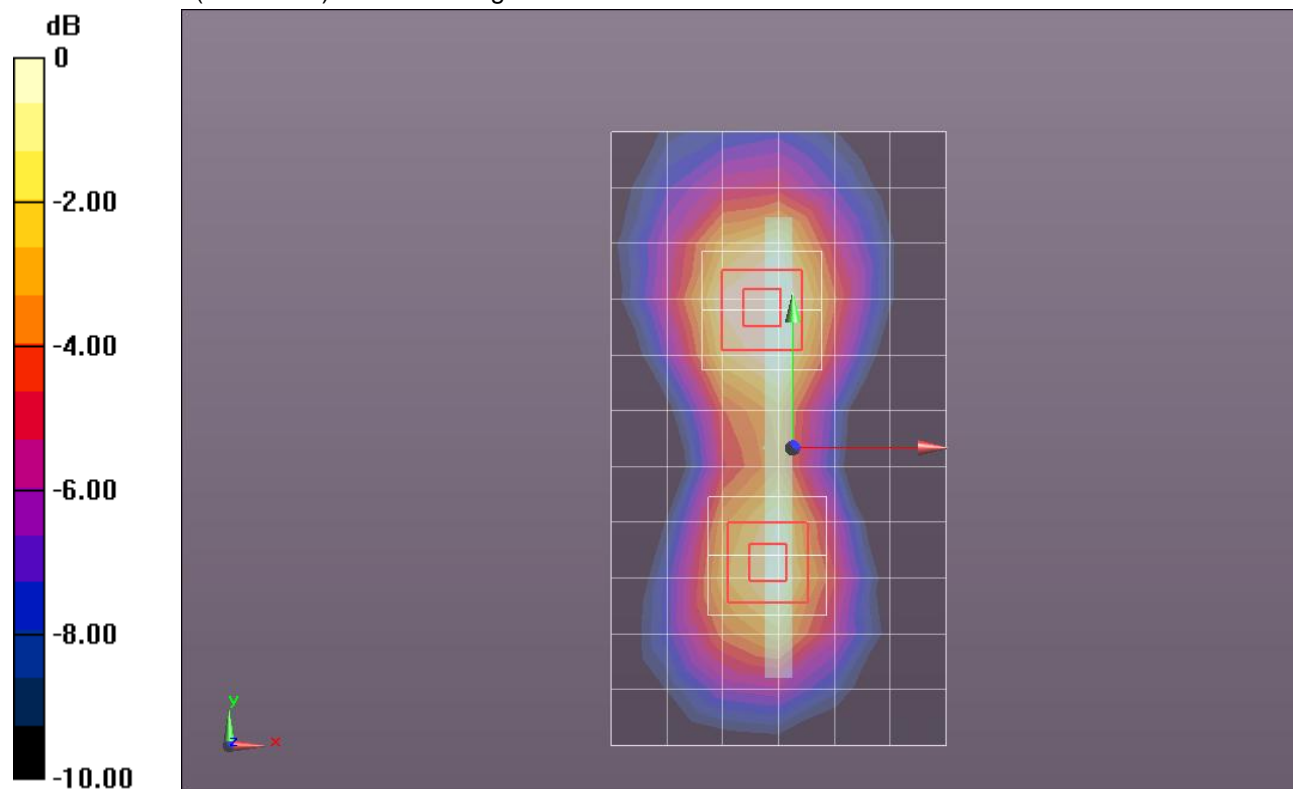
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#100,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.217 mW/g

**Edge 4/QPSK\_RB#100,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.047 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.3070  
**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.104 mW/g**  
Maximum value of SAR (measured) = 0.238 mW/g

**Edge 4/QPSK\_RB#100,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.047 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.2240  
**SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.079 mW/g**  
Maximum value of SAR (measured) = 0.175 mW/g



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

## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#1,0\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.301 mW/g

**Edge 4/QPSK\_RB#1,0\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.010 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.4050

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.139 mW/g**

Maximum value of SAR (measured) = 0.311 mW/g

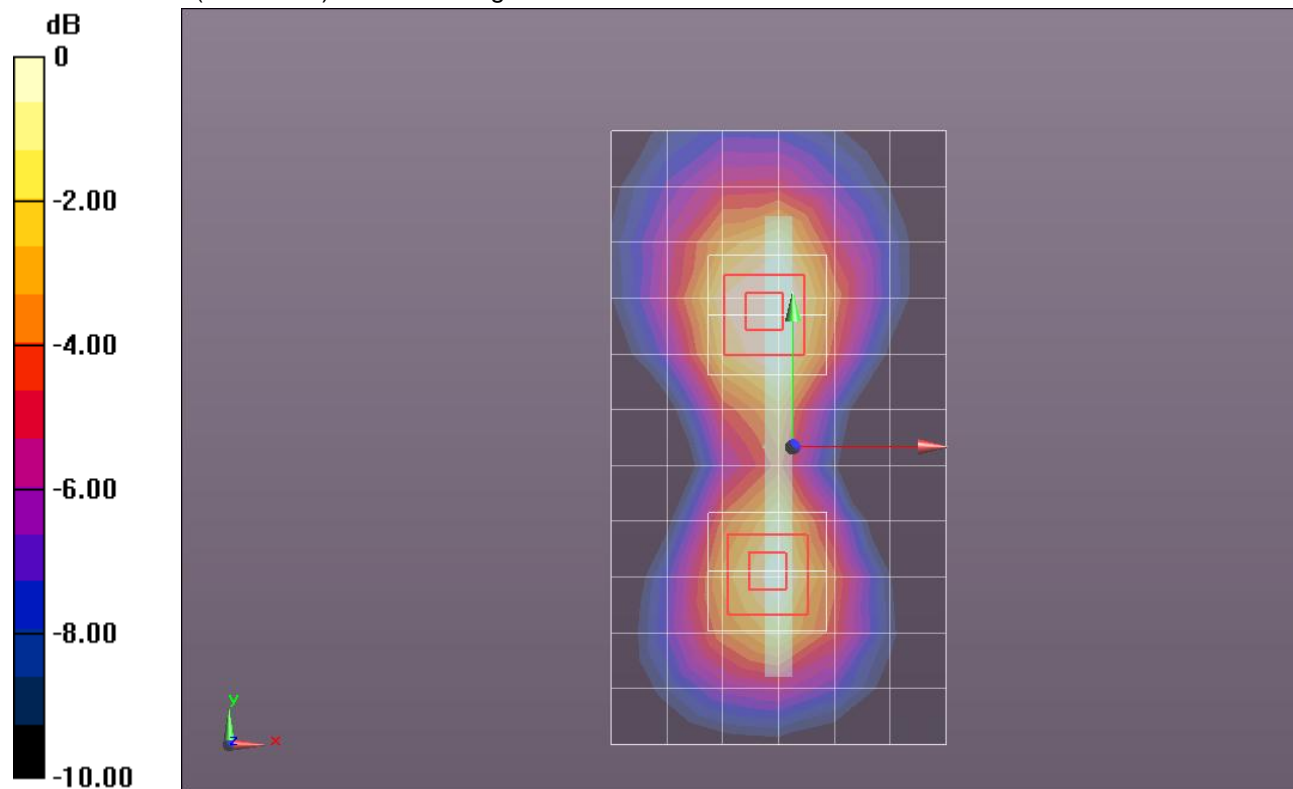
**Edge 4/QPSK\_RB#1,0\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.010 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.2960

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.104 mW/g**

Maximum value of SAR (measured) = 0.232 mW/g



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

## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#1,49\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.249 mW/g

**Edge 4/QPSK\_RB#1,49\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.803 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.3480

**SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.119 mW/g**

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

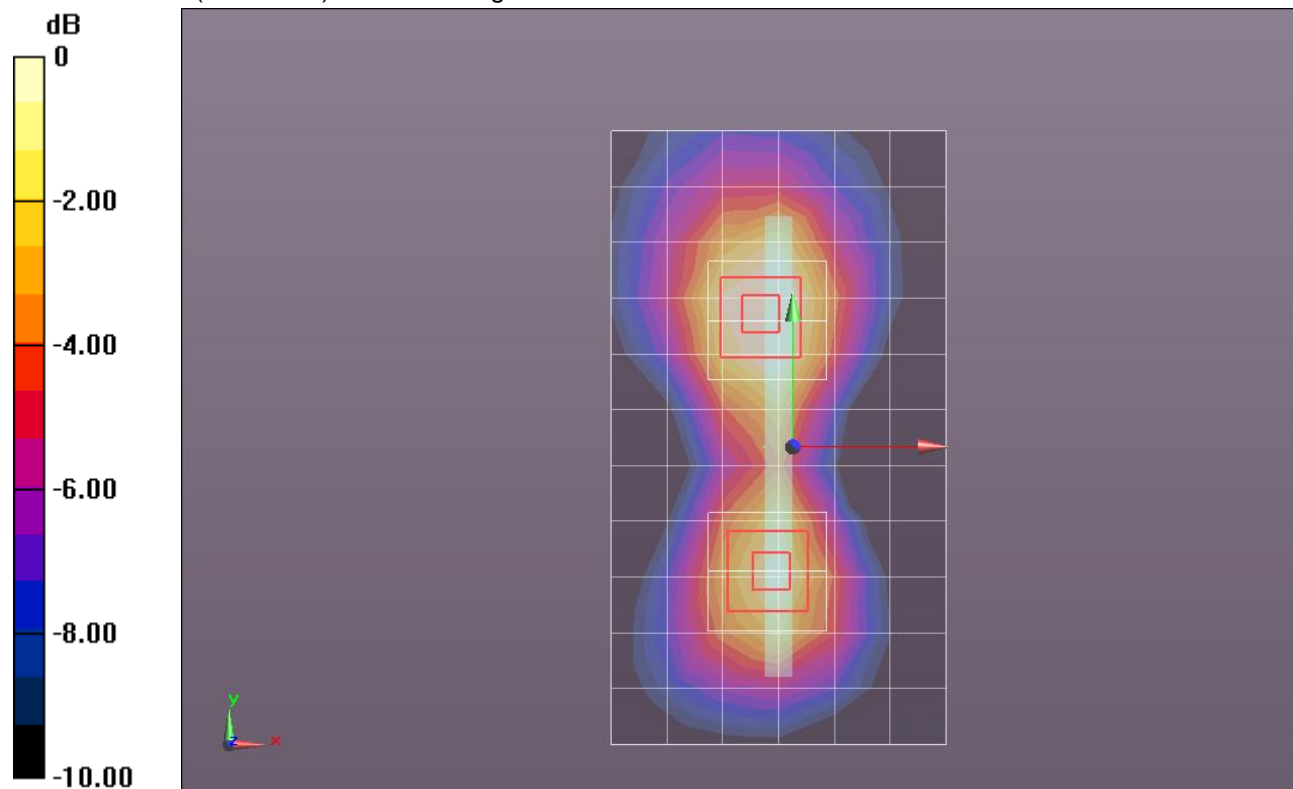
**Edge 4/QPSK\_RB#1,49\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.803 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.2490

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.194 mW/g



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

## LTE Band 2 (Secondary Antenna)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 51.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/QPSK\_RB#1,99\_Ch 18900/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.257 mW/g

**Edge 4/QPSK\_RB#1,99\_Ch 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.961 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.3580

**SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.275 mW/g

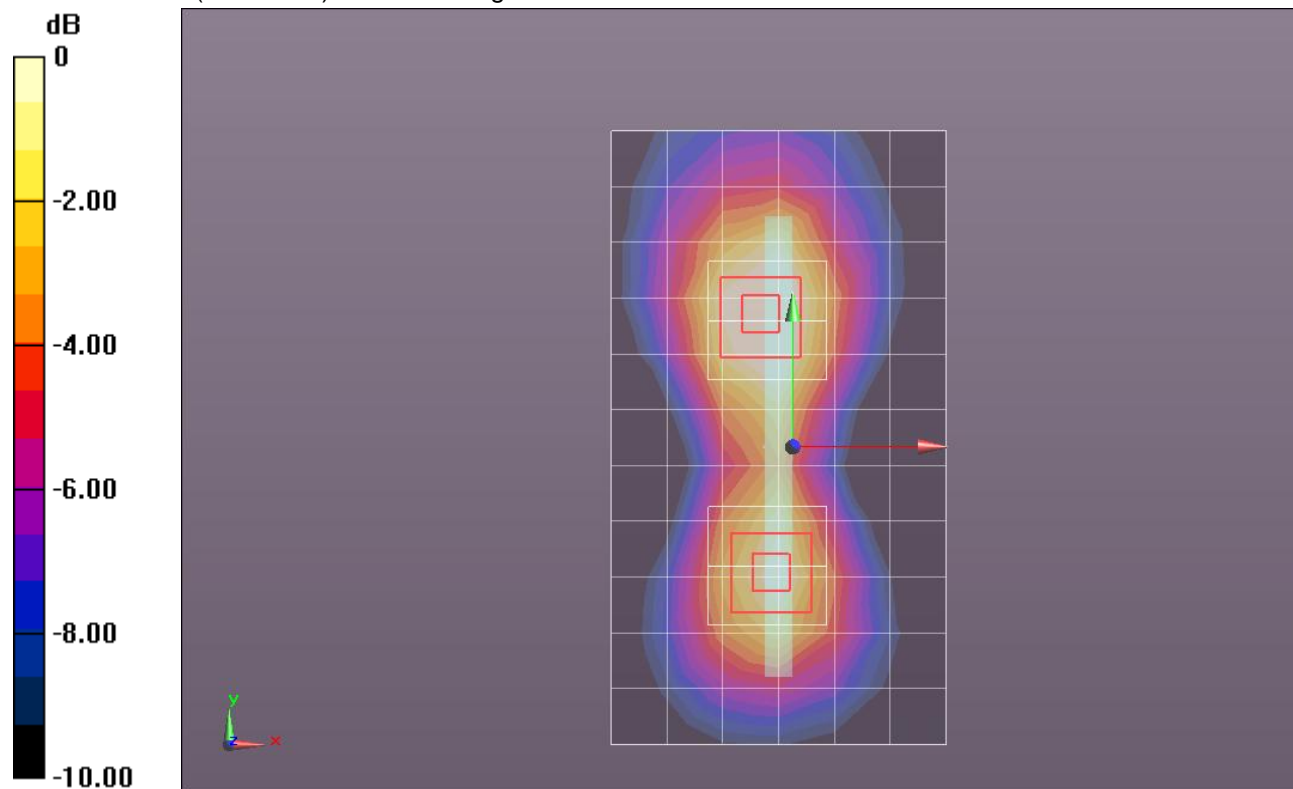
**Edge 4/QPSK\_RB#1,99\_Ch 18900/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.961 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.2480

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.087 mW/g**

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



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