

## WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.717$  mho/m;  $\epsilon_r = 36.694$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 36/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.359 mW/g

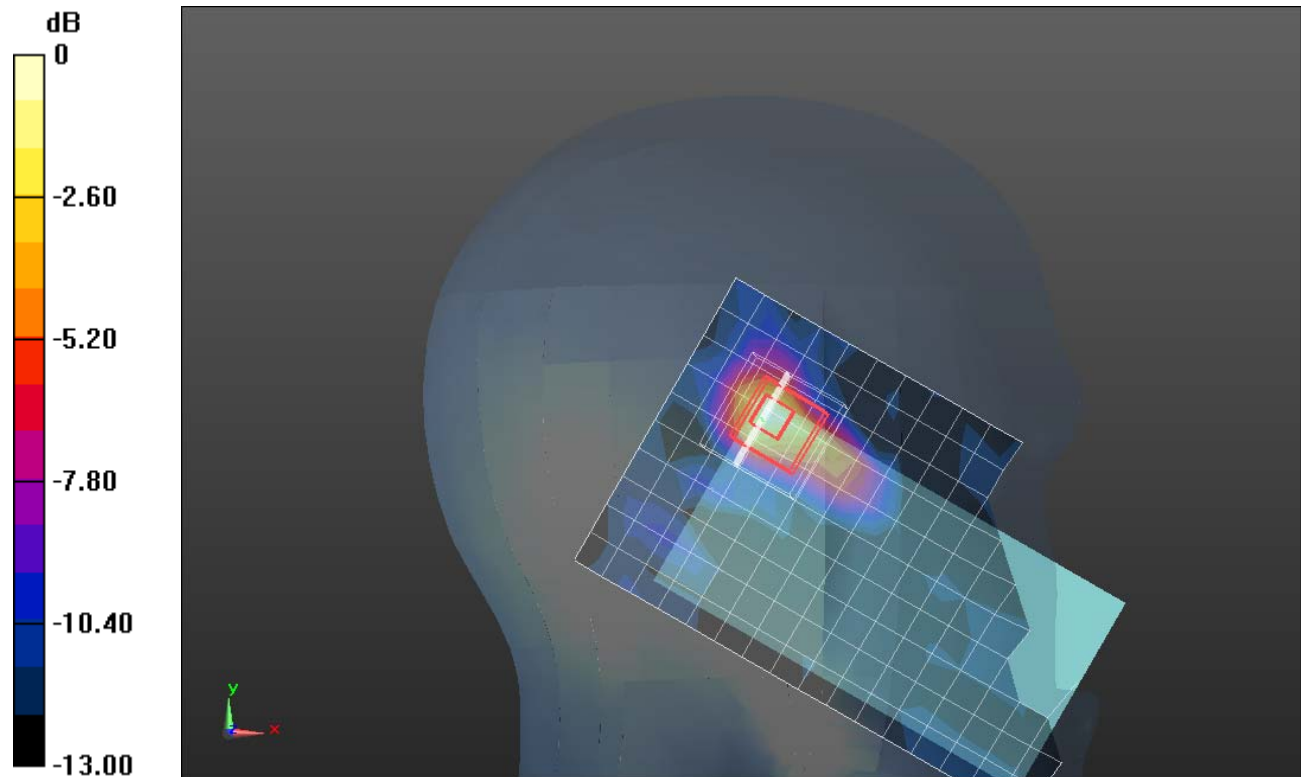
**Head/Left Touch/802.11a/Ch 36/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.082 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.6540

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.335 mW/g



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

## WiFi 5GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.776$  mho/m;  $\epsilon_r = 36.591$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 48/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.451 mW/g

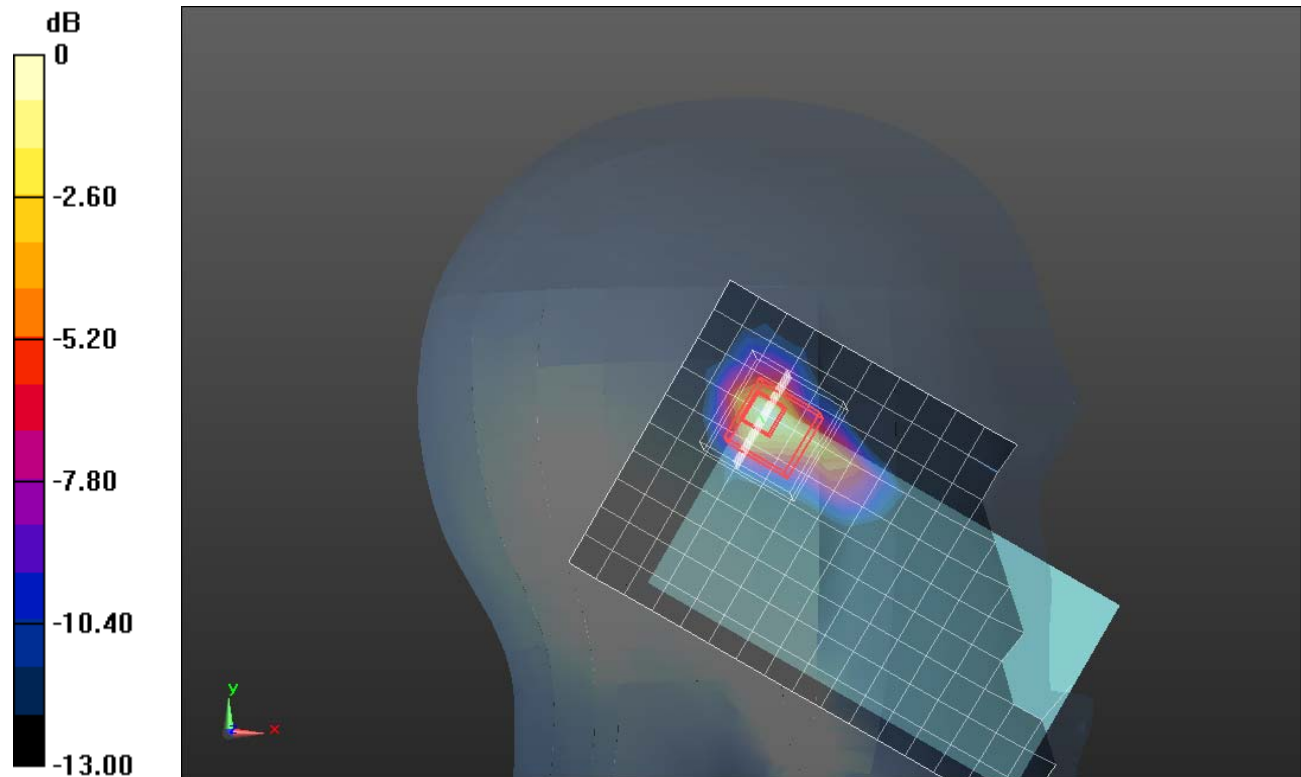
**Head/Left Touch/802.11a/Ch 48/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.059 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.7180

**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.433 mW/g

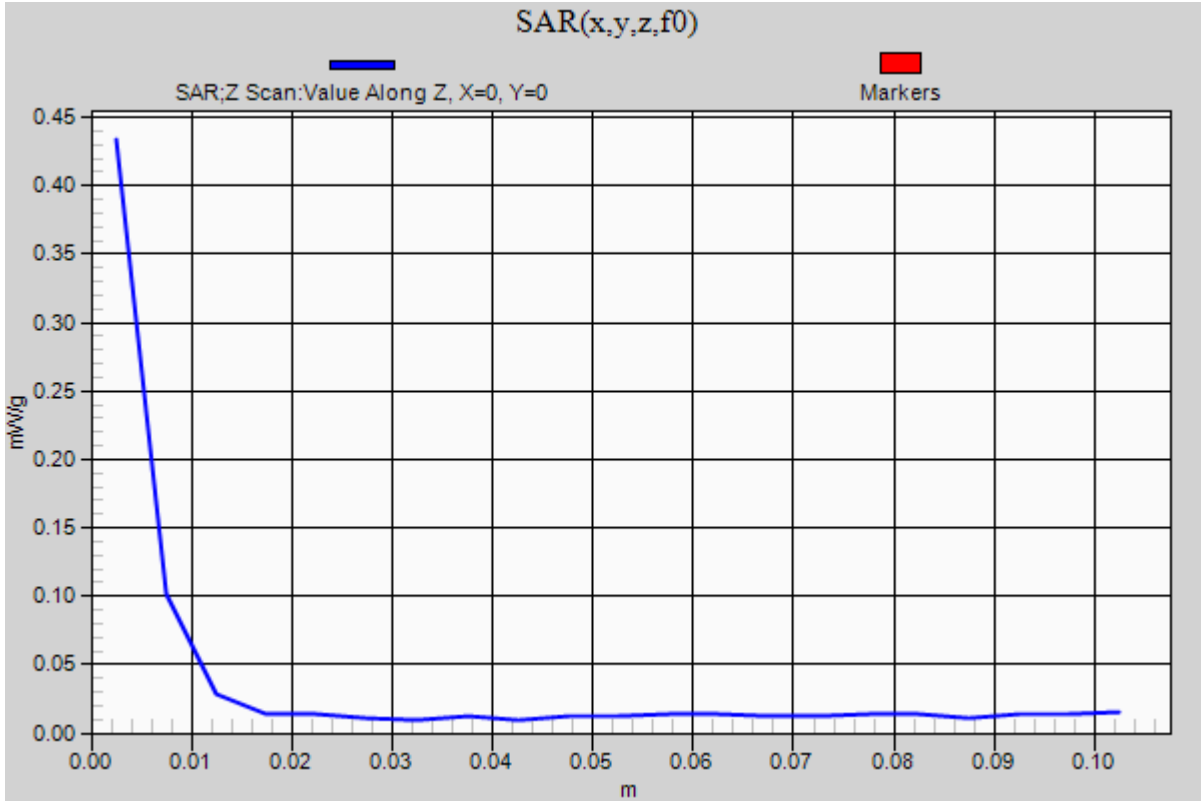


0 dB = 0.430mW/g = -7.33 dB mW/g

## WiFi 5GHz

Frequency: 5240 MHz; Duty Cycle: 1:1

**Head/Left Touch/802.11a/Ch 48/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.434 mW/g



## WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.717$  mho/m;  $\epsilon_r = 36.694$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 36/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

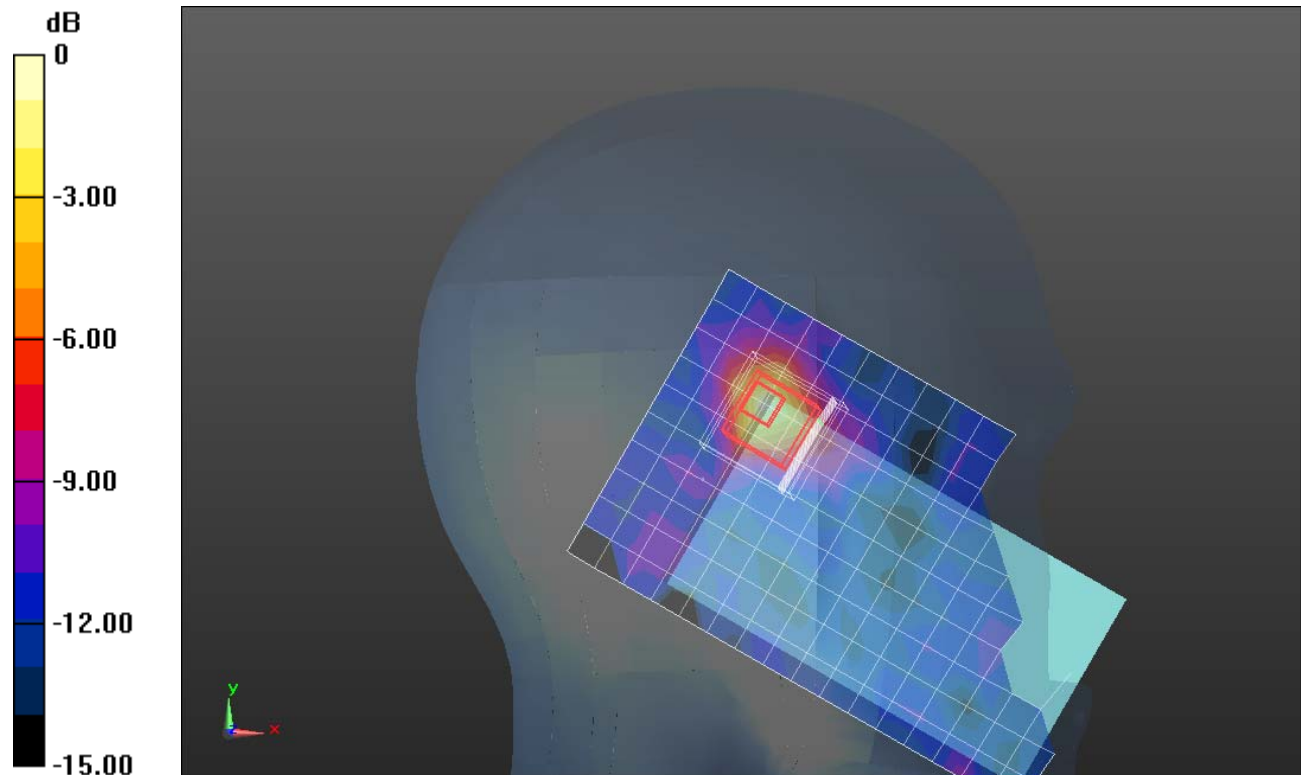
**Head/Left Tilt/802.11a/Ch 36/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.549 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.1910

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.033 mW/g**

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



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

## WiFi 5GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.776$  mho/m;  $\epsilon_r = 36.591$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 48/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.320 mW/g

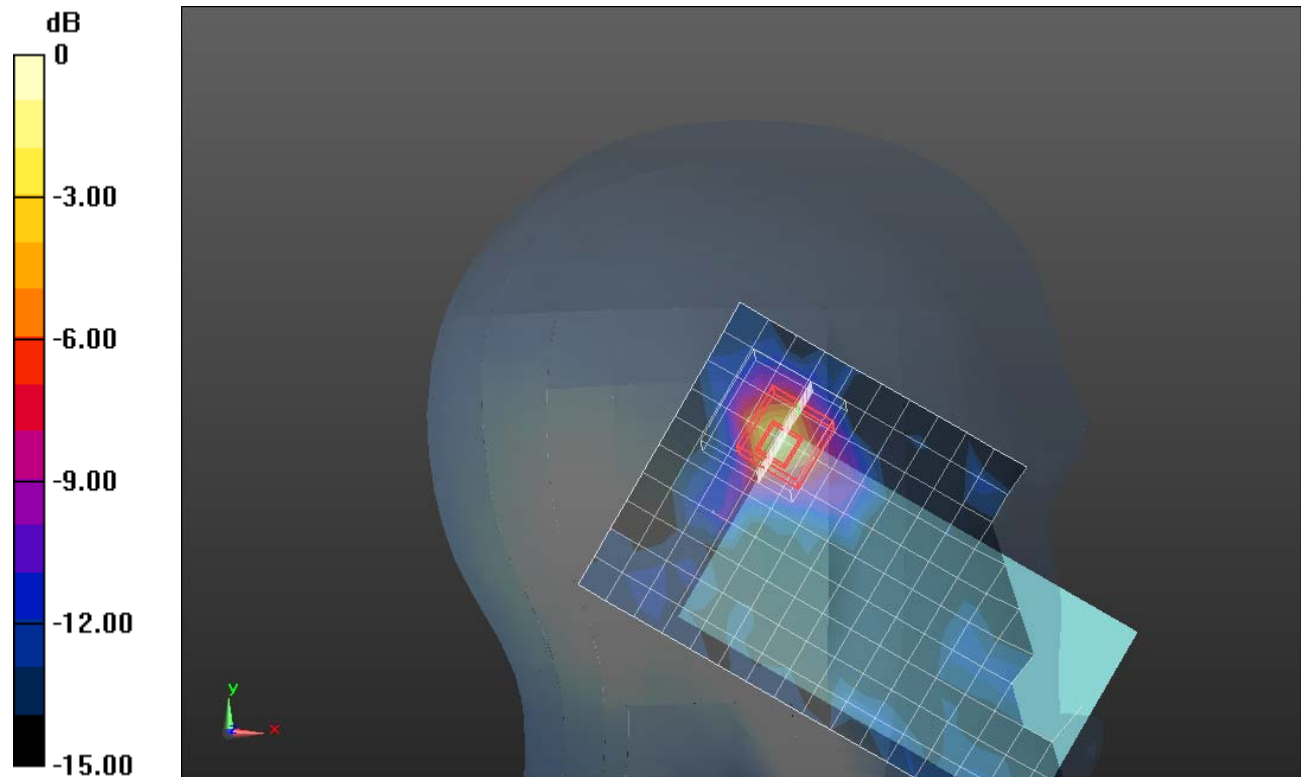
**Head/Left Tilt/802.11a/Ch 48/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.459 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.2280

**SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.419 mW/g



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

## WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.717$  mho/m;  $\epsilon_r = 36.694$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 36/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.122 mW/g

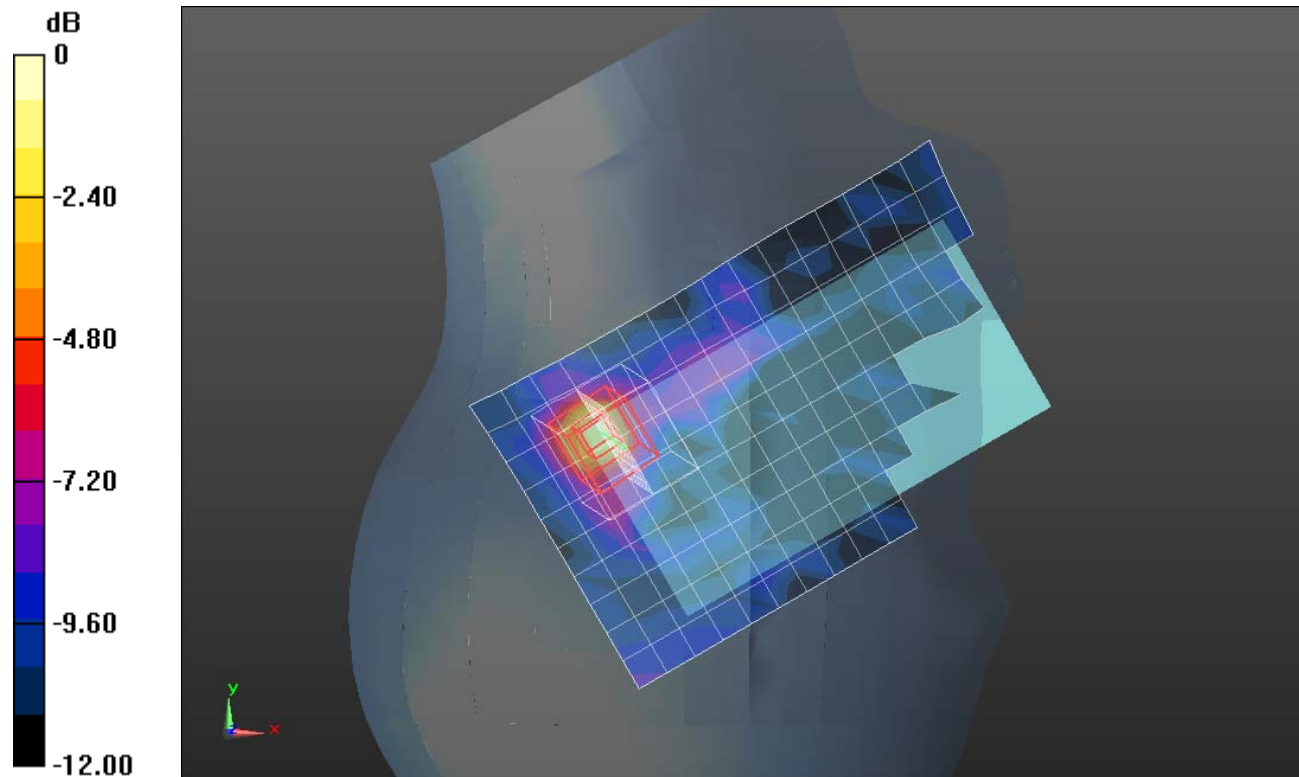
**Head/Right Touch/802.11a/Ch 36/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.861 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.3850

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.038 mW/g**

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



0 dB = 0.160mW/g = -15.92 dB mW/g

## WiFi 5GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.776$  mho/m;  $\epsilon_r = 36.591$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 48/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.156 mW/g

**Head/Right Touch/802.11a/Ch 48/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

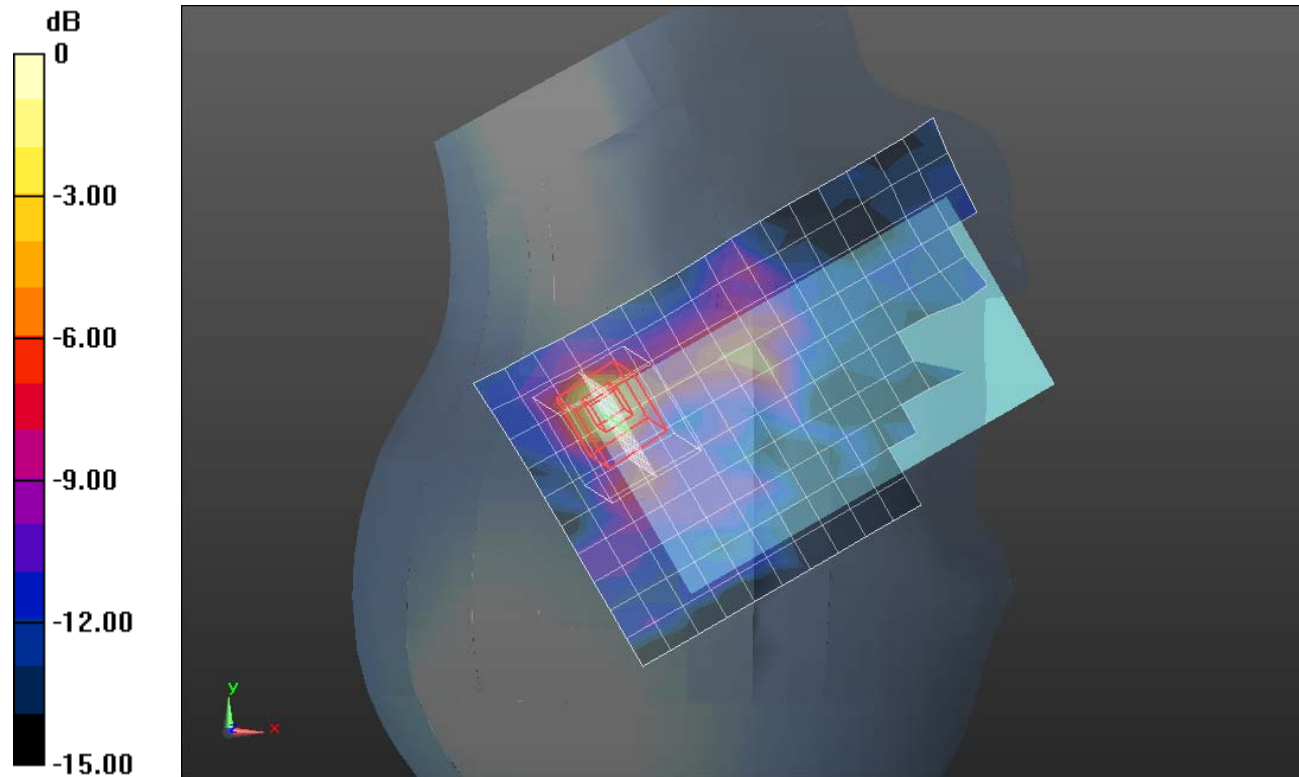
dy=4mm, dz=2.5mm

Reference Value = 6.198 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.4680

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.209 mW/g



0 dB = 0.210mW/g = -13.56 dB mW/g



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Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.717$  mho/m;  $\epsilon_r = 36.694$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 36/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.132 mW/g

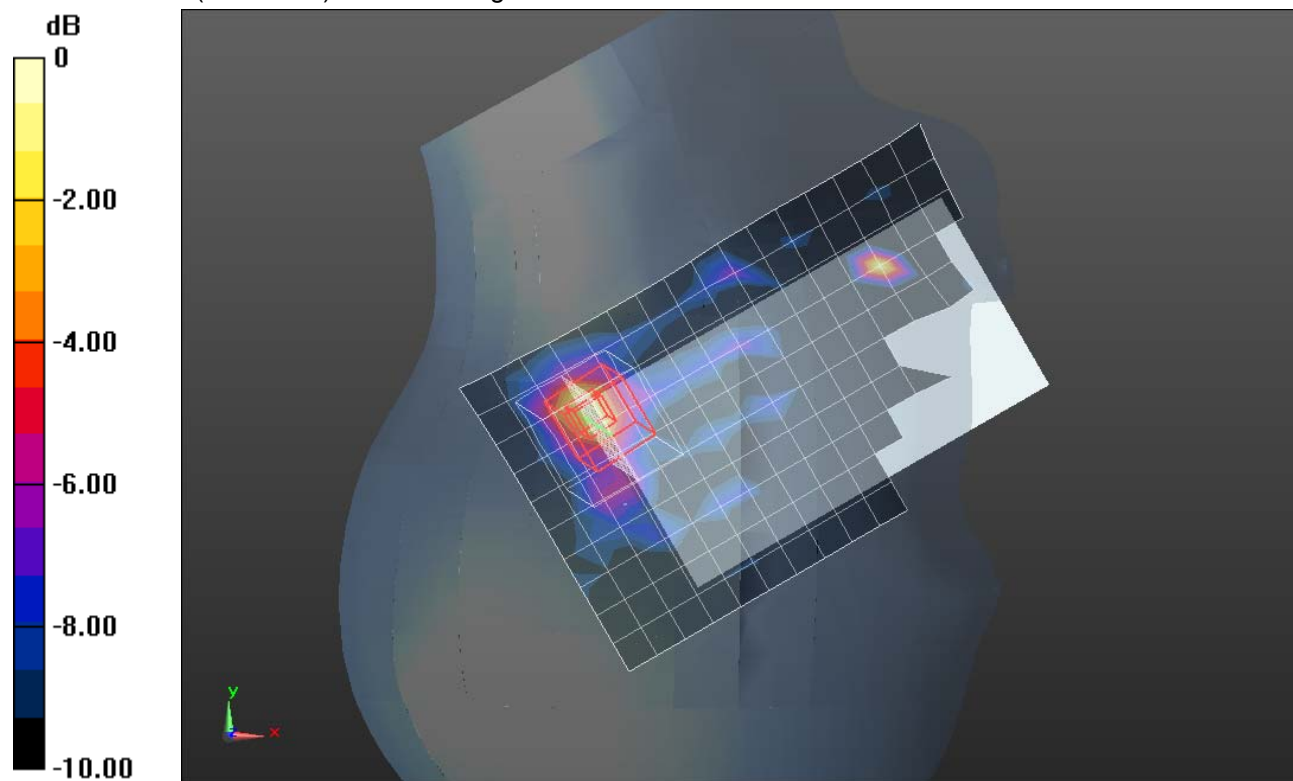
**Head/Right Tilt/802.11a/Ch 36/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.180 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.6360

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.030 mW/g**

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



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



Test Laboratory: UL CCS SAR Lab B Date: 8/23/2012

## WiFi 5GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.776$  mho/m;  $\epsilon_r = 36.591$ ;  $\rho = 1000$  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(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 48/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.428 mW/g

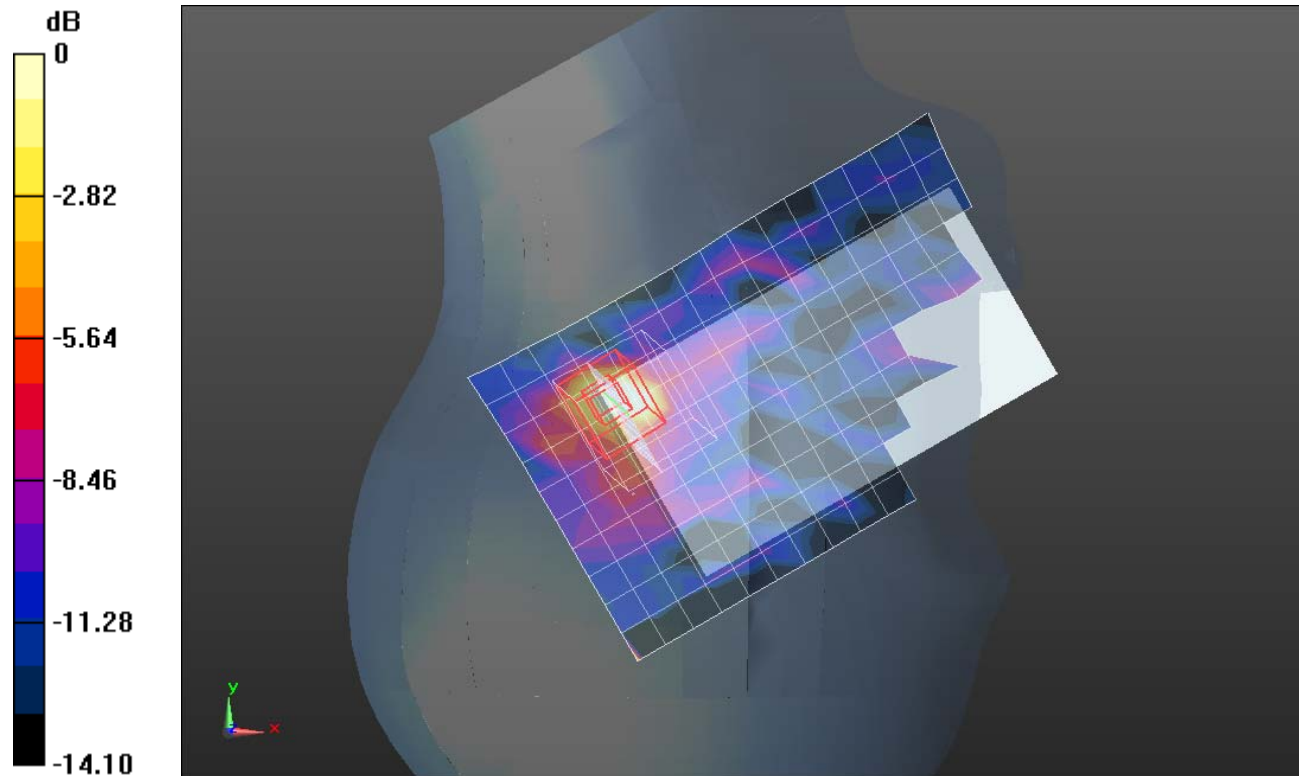
**Head/Right Tilt/802.11a/Ch 48/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.747 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.3870

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.040 mW/g**

Maximum value of SAR (measured) = 0.166 mW/g



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

## WiFi 5GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.801$  mho/m;  $\epsilon_r = 36.537$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 52/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.526 mW/g

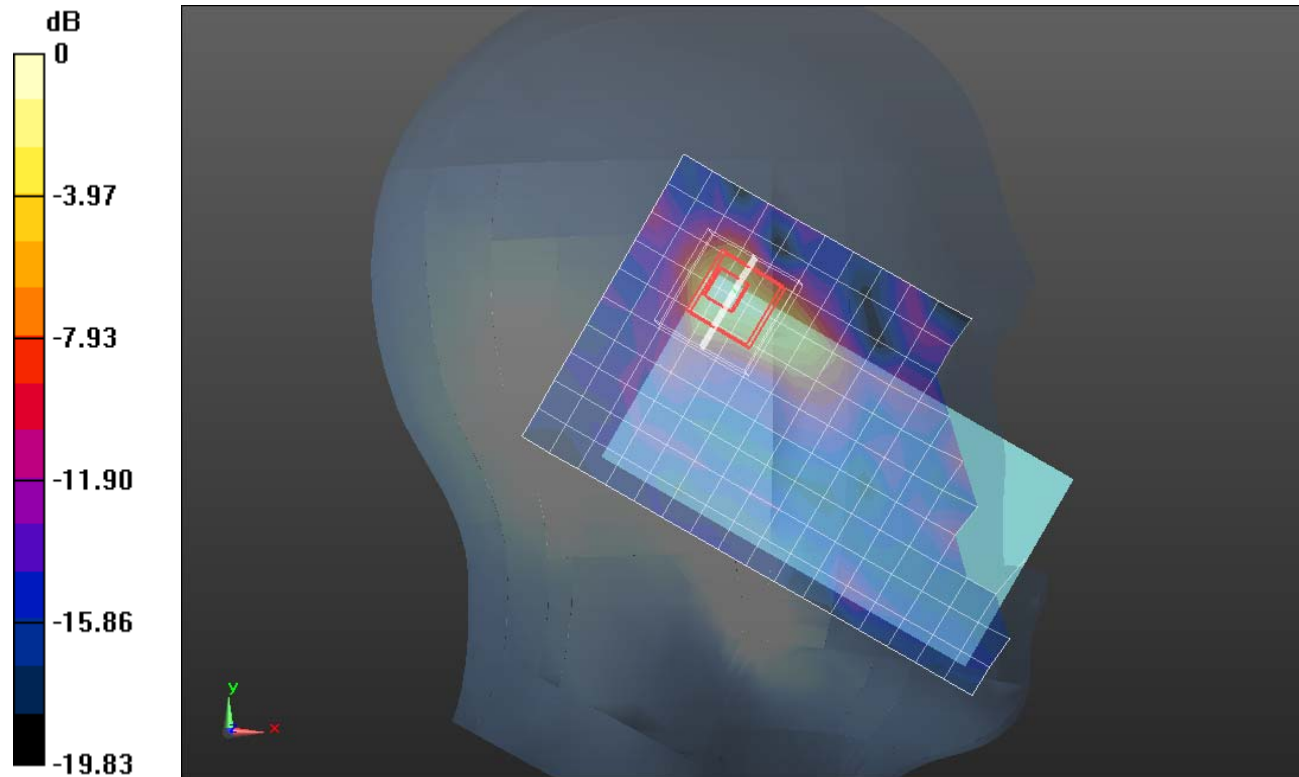
**Head/Left Touch/802.11a/Ch 52/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.035 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.3740

**SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.520mW/g = -5.68 dB mW/g

## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.872$  mho/m;  $\epsilon_r = 36.468$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 64/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.569 mW/g

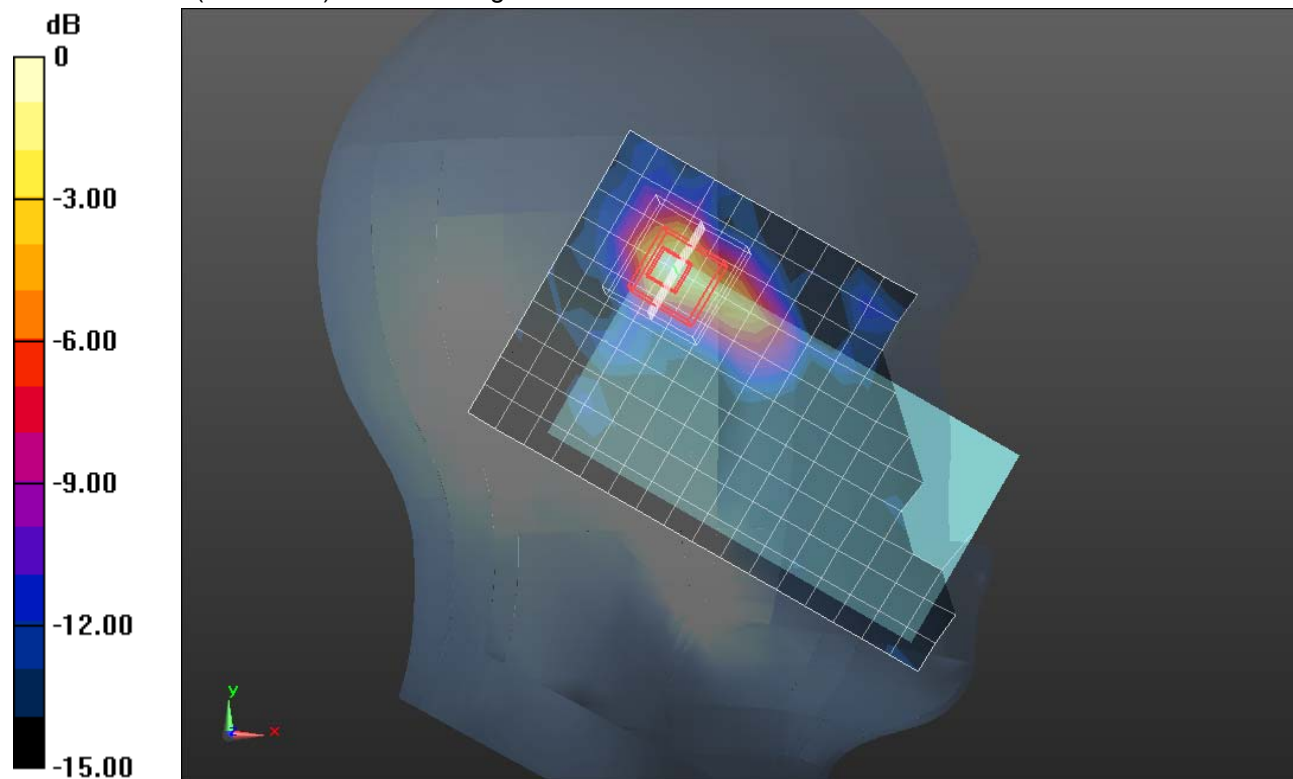
**Head/Left Touch/802.11a/Ch 64/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.741 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.3820

**SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.109 mW/g**

Maximum value of SAR (measured) = 0.568 mW/g

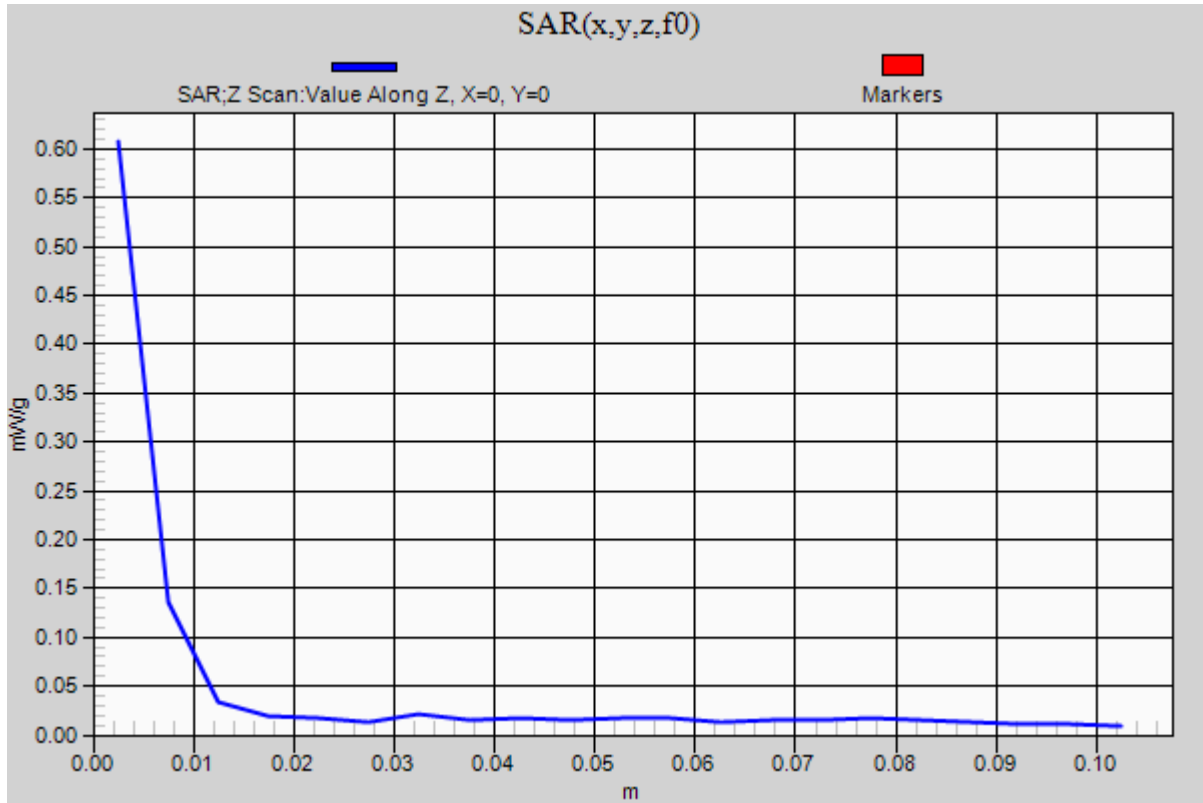


0 dB = 0.570mW/g = -4.88 dB mW/g

## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1

**Head/Left Touch/802.11a/Ch 64/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.608 mW/g



## WiFi 5GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.801$  mho/m;  $\epsilon_r = 36.537$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 52/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.318 mW/g

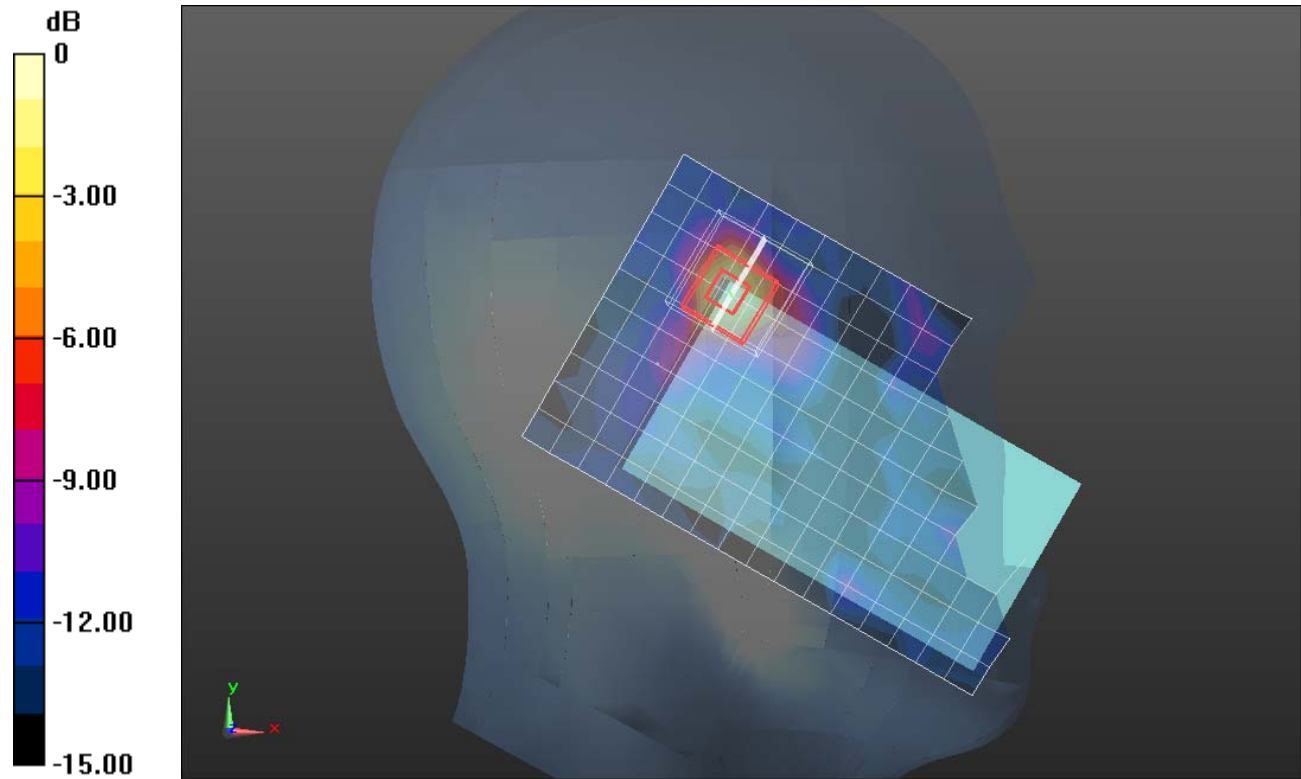
**Head/Left Tilt/802.11a/Ch 52/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.485 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.6090

**SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.053 mW/g**

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



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

## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.872$  mho/m;  $\epsilon_r = 36.468$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 64/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.369 mW/g

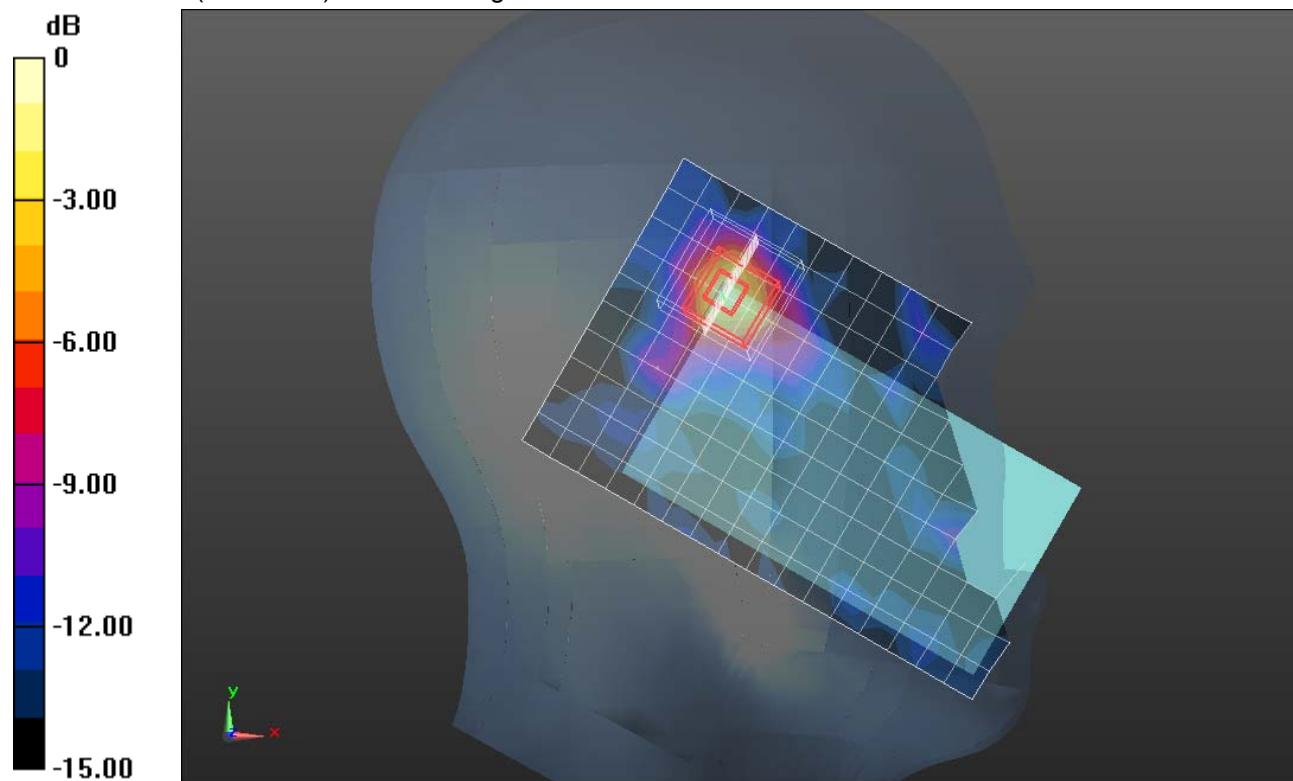
**Head/Left Tilt/802.11a/Ch 64/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.028 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.7520

**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.391 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g



## WiFi 5GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.801$  mho/m;  $\epsilon_r = 36.537$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 52/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

**Head/Right Touch/802.11a/Ch 52/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

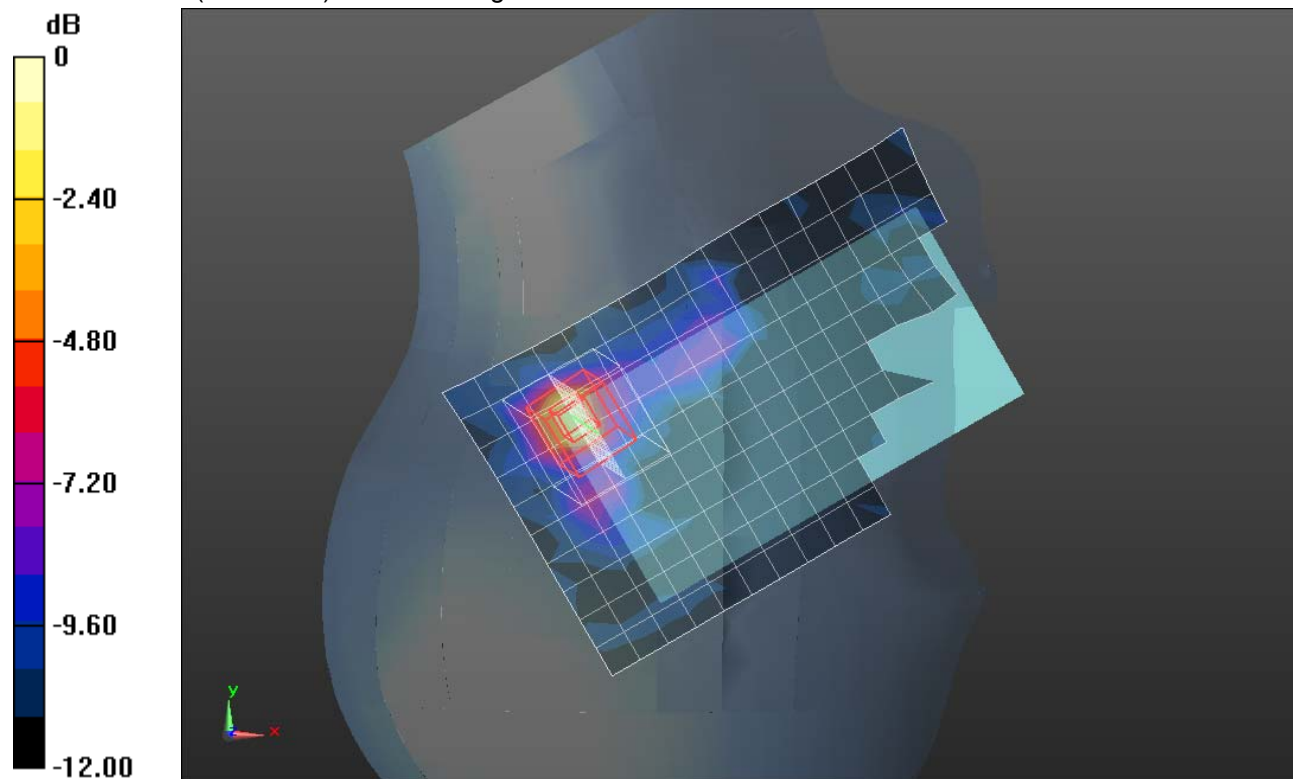
dy=4mm, dz=2.5mm

Reference Value = 6.771 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.5820

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.031 mW/g**

Maximum value of SAR (measured) = 0.238 mW/g



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



## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.872$  mho/m;  $\epsilon_r = 36.468$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 64/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

**Head/Right Touch/802.11a/Ch 64/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

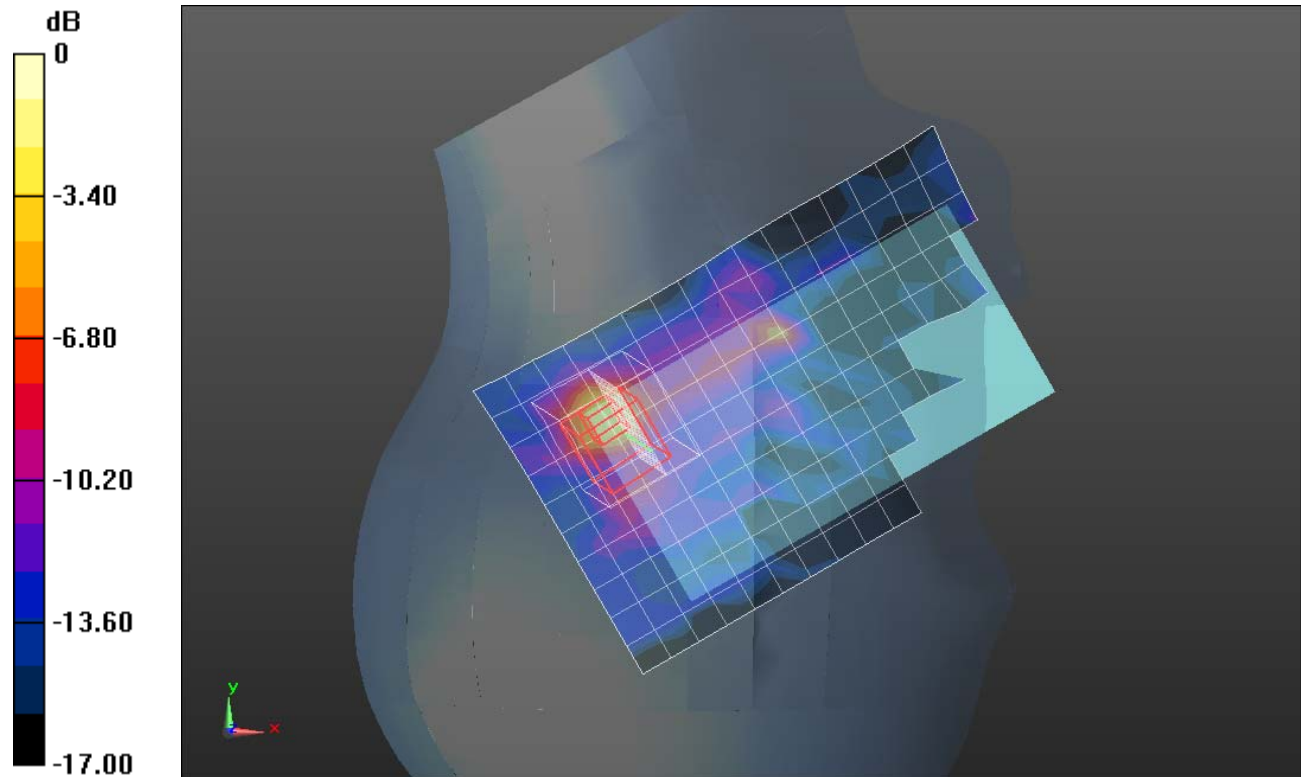
dy=4mm, dz=2.5mm

Reference Value = 6.898 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.5480

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00264 mW/g**

Maximum value of SAR (measured) = 0.440 mW/g



0 dB = 0.440mW/g = -7.13 dB mW/g

## WiFi 5GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.801$  mho/m;  $\epsilon_r = 36.537$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 52/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.167 mW/g

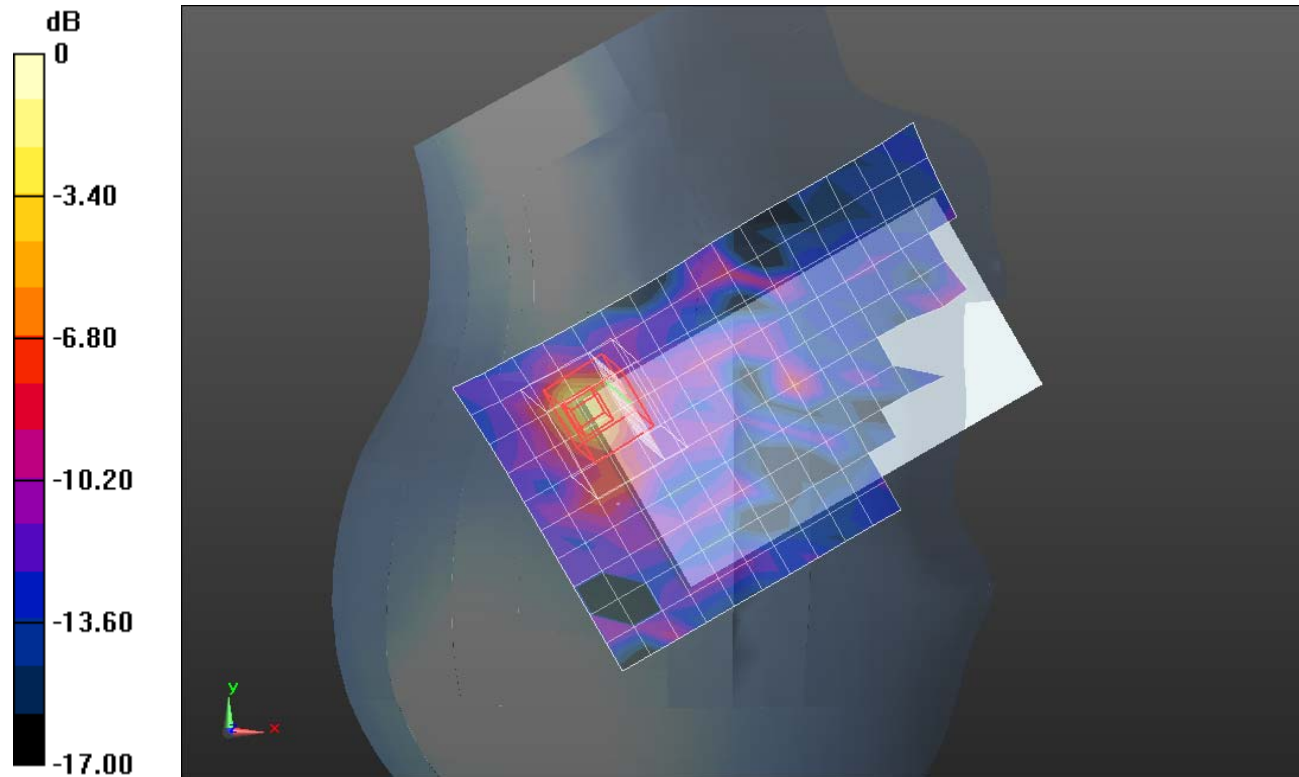
**Head/Right Tilt/802.11a/Ch 52/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.206 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.7570

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.00364 mW/g**

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



0 dB = 0.290mW/g = -10.75 dB mW/g

## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.872$  mho/m;  $\epsilon_r = 36.468$ ;  $\rho = 1000$  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(4.39, 4.39, 4.39); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 64/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.173 mW/g

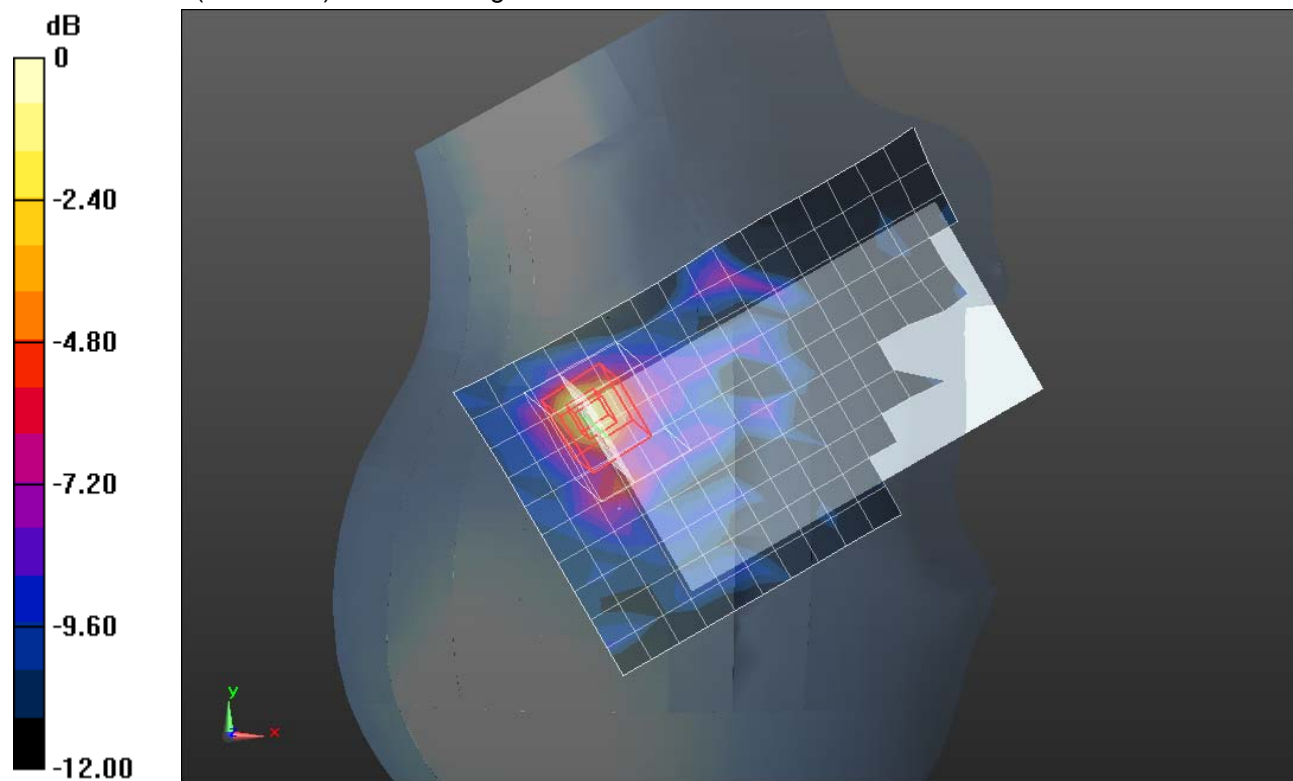
**Head/Right Tilt/802.11a/Ch 64/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.348 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.4750

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.217 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.087$  mho/m;  $\epsilon_r = 35.558$ ;  $\rho = 1000$  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(4.26, 4.26, 4.26); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 104/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.512 mW/g

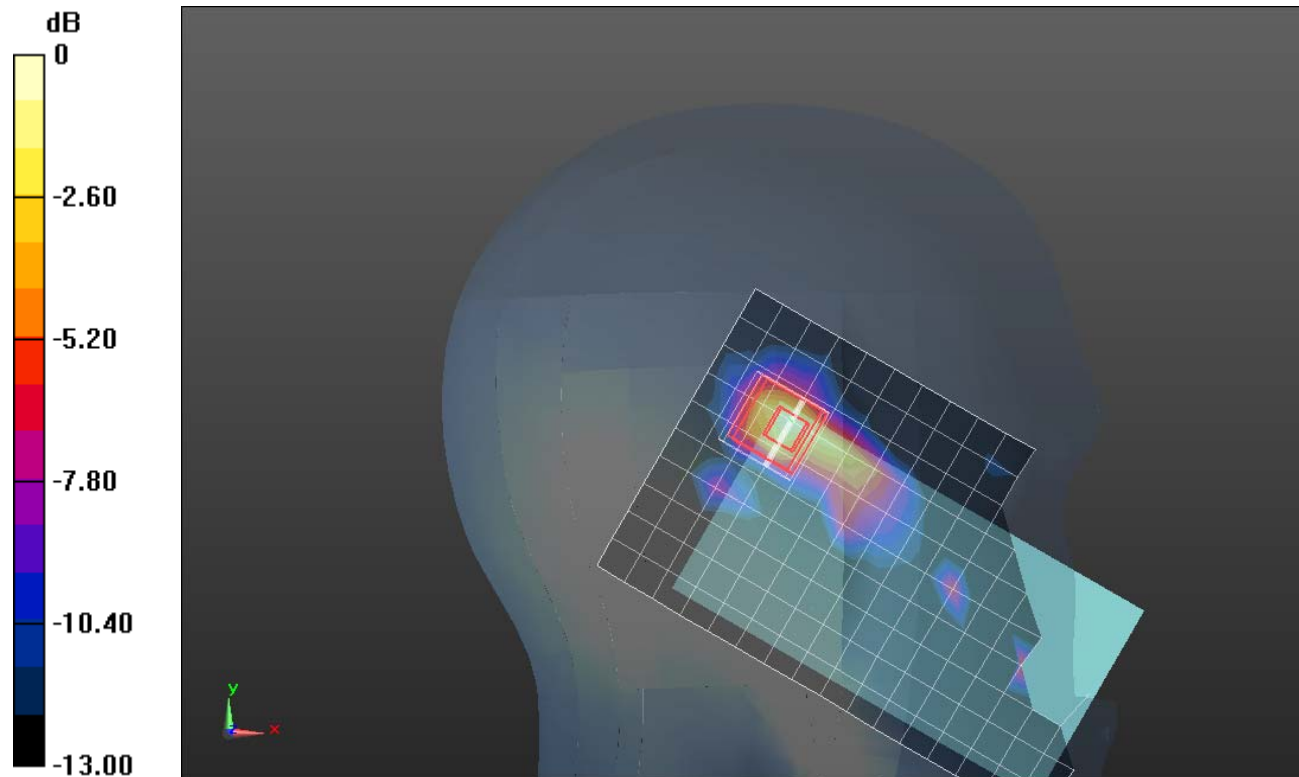
**Head/Left Touch/802.11a/Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.508 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.8610

**SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.545 mW/g



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

## WiFi 5GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.162$  mho/m;  $\epsilon_r = 35.492$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 116/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.485 mW/g

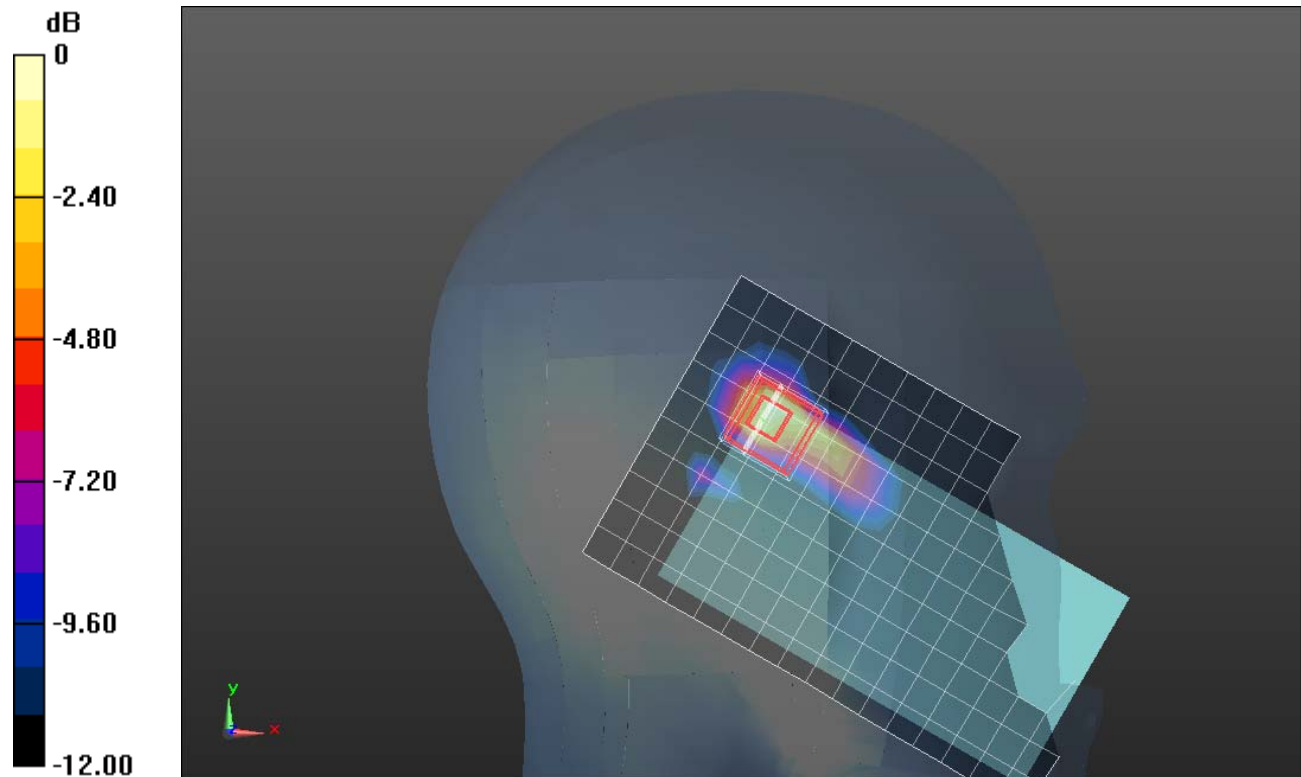
**Head/Left Touch/802.11a/Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.965 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.8580

**SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.569 mW/g



0 dB = 0.570mW/g = -4.88 dB mW/g

## WiFi 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.242$  mho/m;  $\epsilon_r = 35.328$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 132/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.423 mW/g

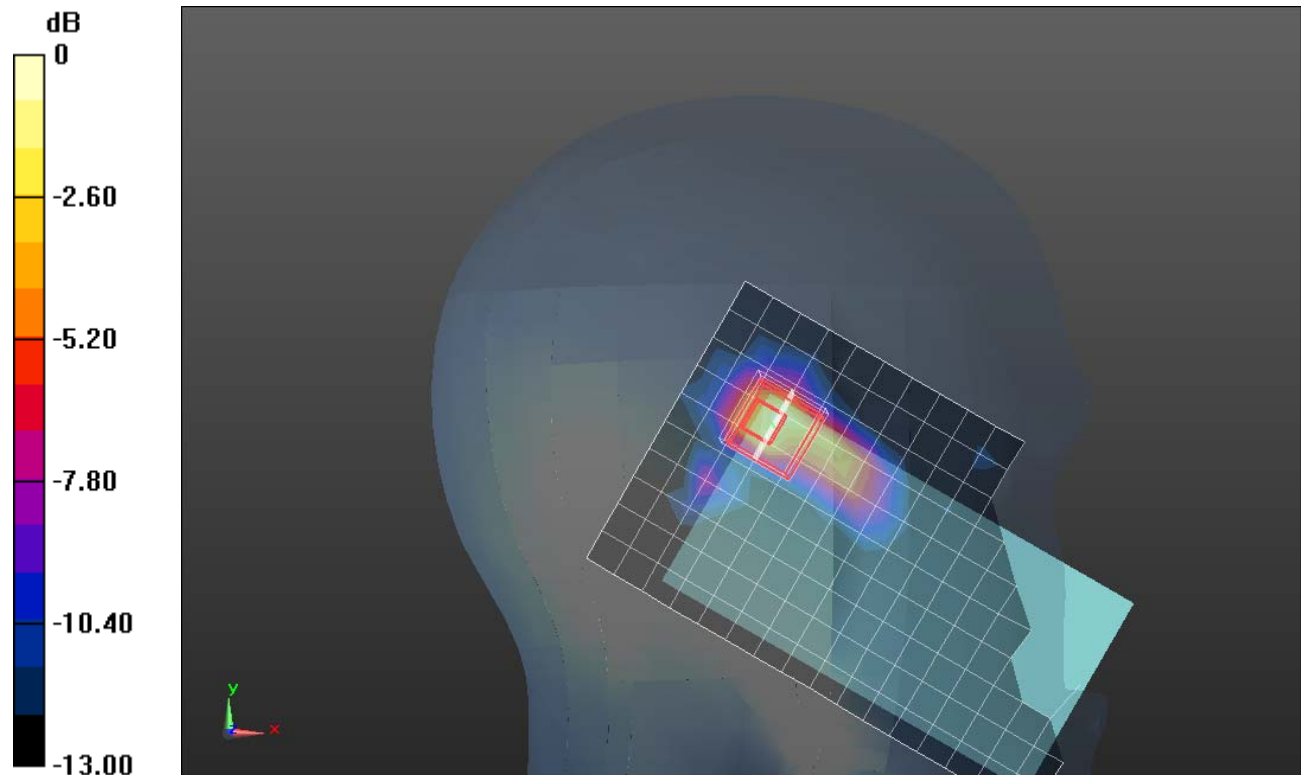
**Head/Left Touch/802.11a/Ch 132/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.243 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.5550

**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.510 mW/g

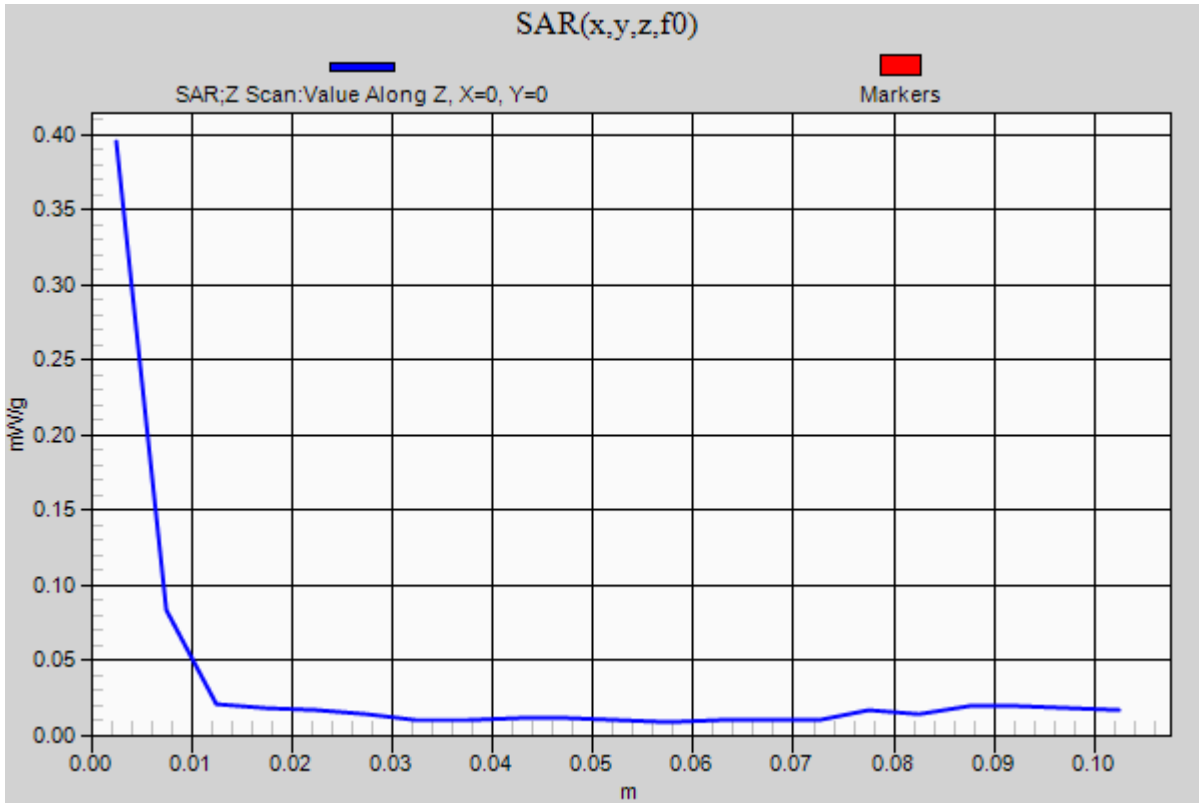


0 dB = 0.510mW/g = -5.85 dB mW/g

## WiFi 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1

**Head/Left Touch/802.11a/Ch 132/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.395 mW/g





## WiFi 5GHz

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 5.269$  mho/m;  $\epsilon_r = 35.287$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 136/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.365 mW/g

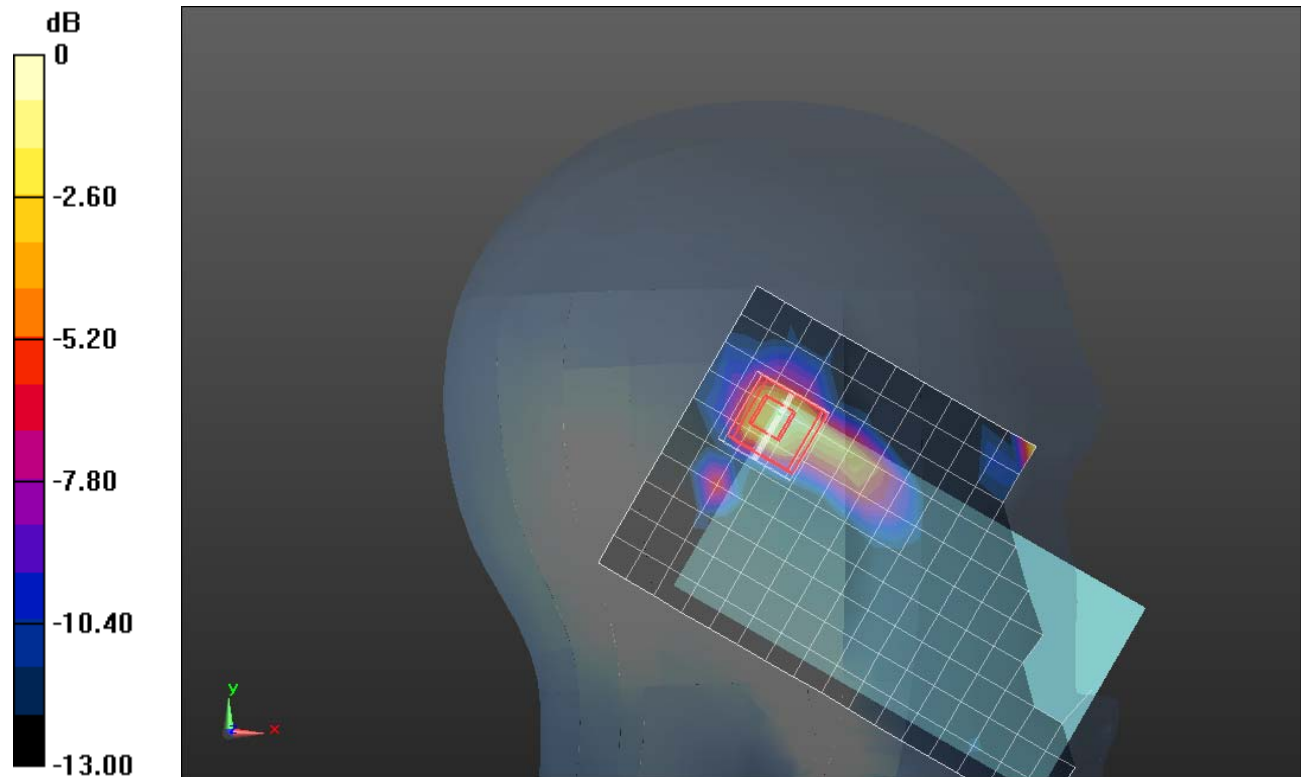
**Head/Left Touch/802.11a/Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.606 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.4570

**SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.453 mW/g



0 dB = 0.450mW/g = -6.94 dB mW/g

## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.087$  mho/m;  $\epsilon_r = 35.558$ ;  $\rho = 1000$  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(4.26, 4.26, 4.26); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 104/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.570 mW/g

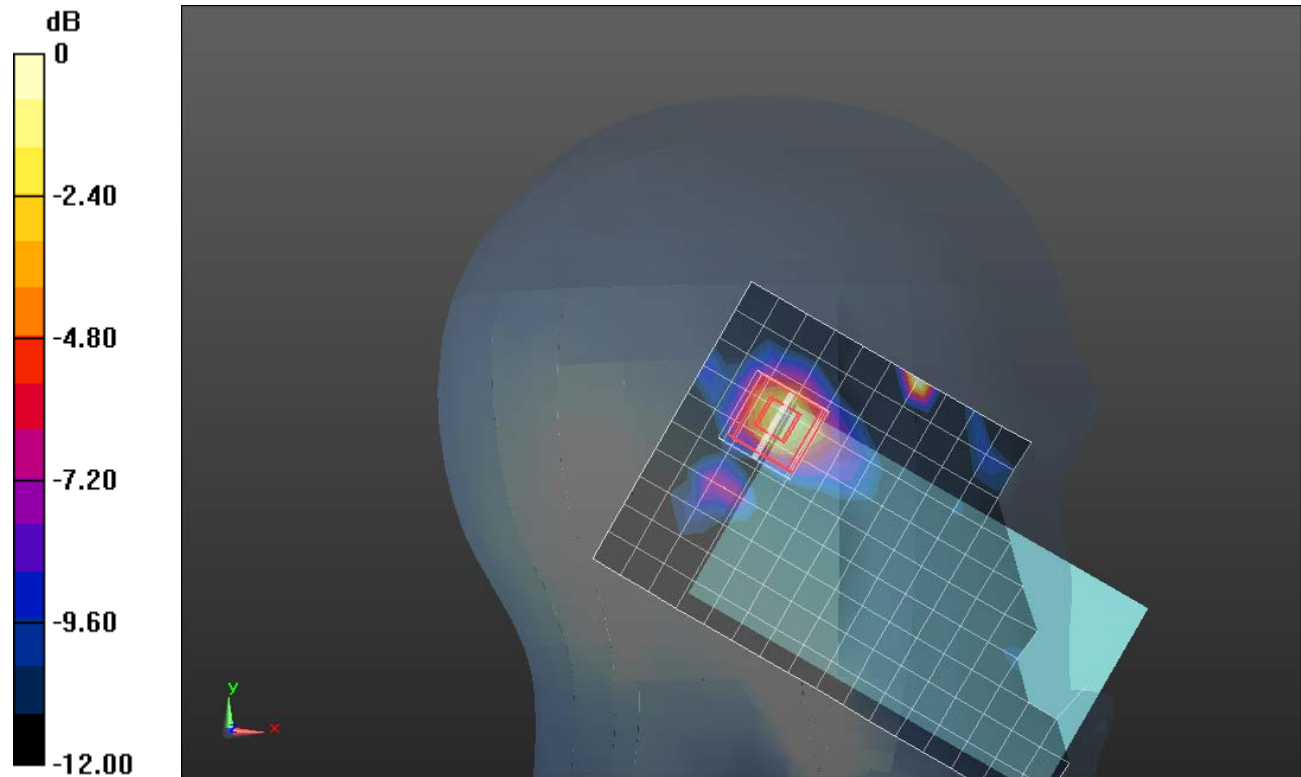
**Head/Left Tilt/802.11a/Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.787 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.8990

**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.079 mW/g**

Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

## WiFi 5GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.162$  mho/m;  $\epsilon_r = 35.492$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 116/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.346 mW/g

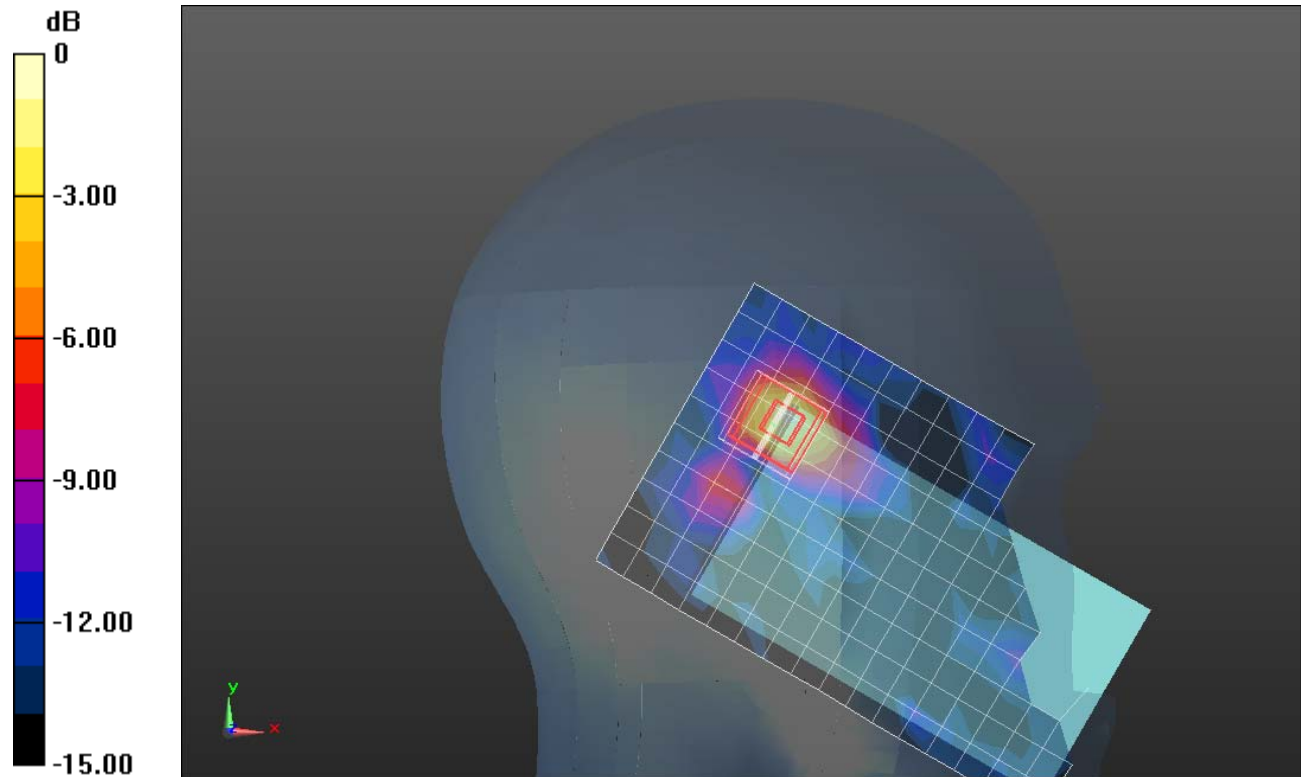
**Head/Left Tilt/802.11a/Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.473 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.7570

**SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.360mW/g = -8.87 dB mW/g

## WiFi 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.242$  mho/m;  $\epsilon_r = 35.328$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 132/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

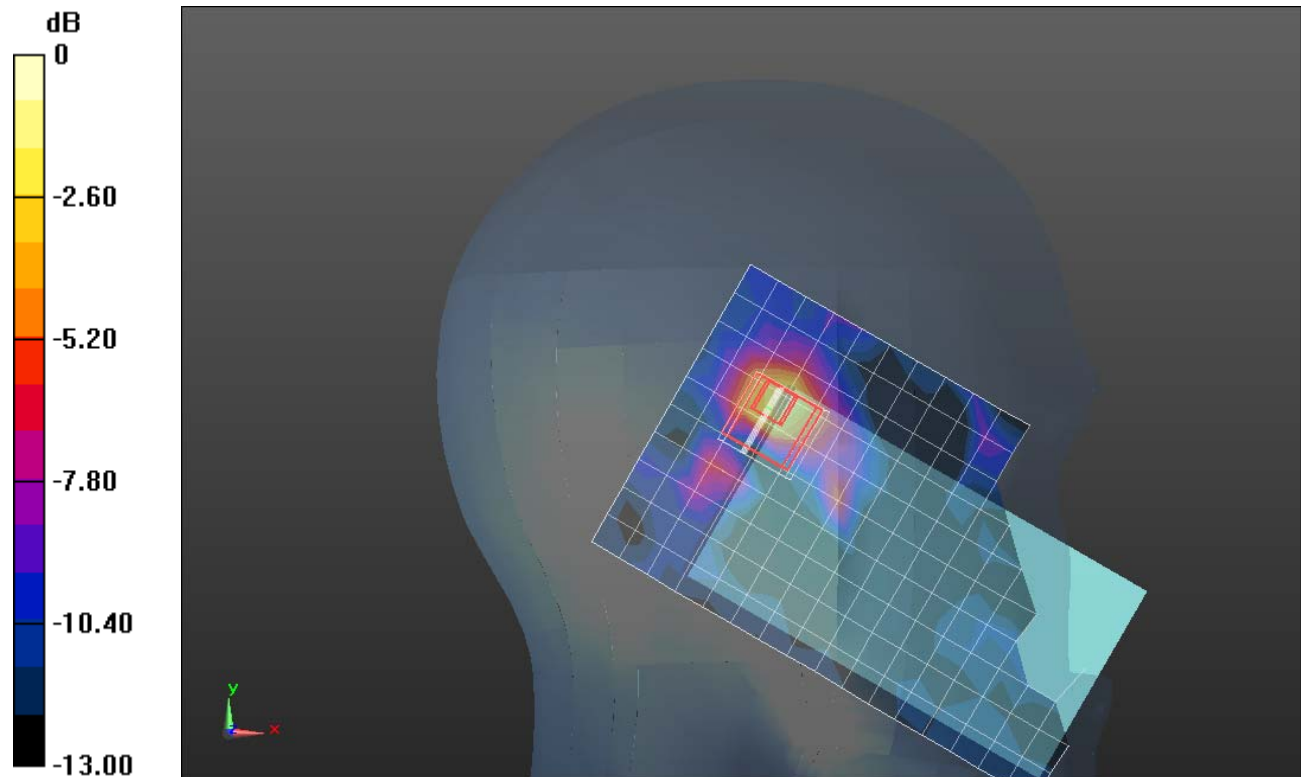
**Head/Left Tilt/802.11a/Ch 132/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.780 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.7220

**SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350mW/g = -9.12 dB mW/g

## WiFi 5GHz

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 5.269$  mho/m;  $\epsilon_r = 35.287$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 136/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.366 mW/g

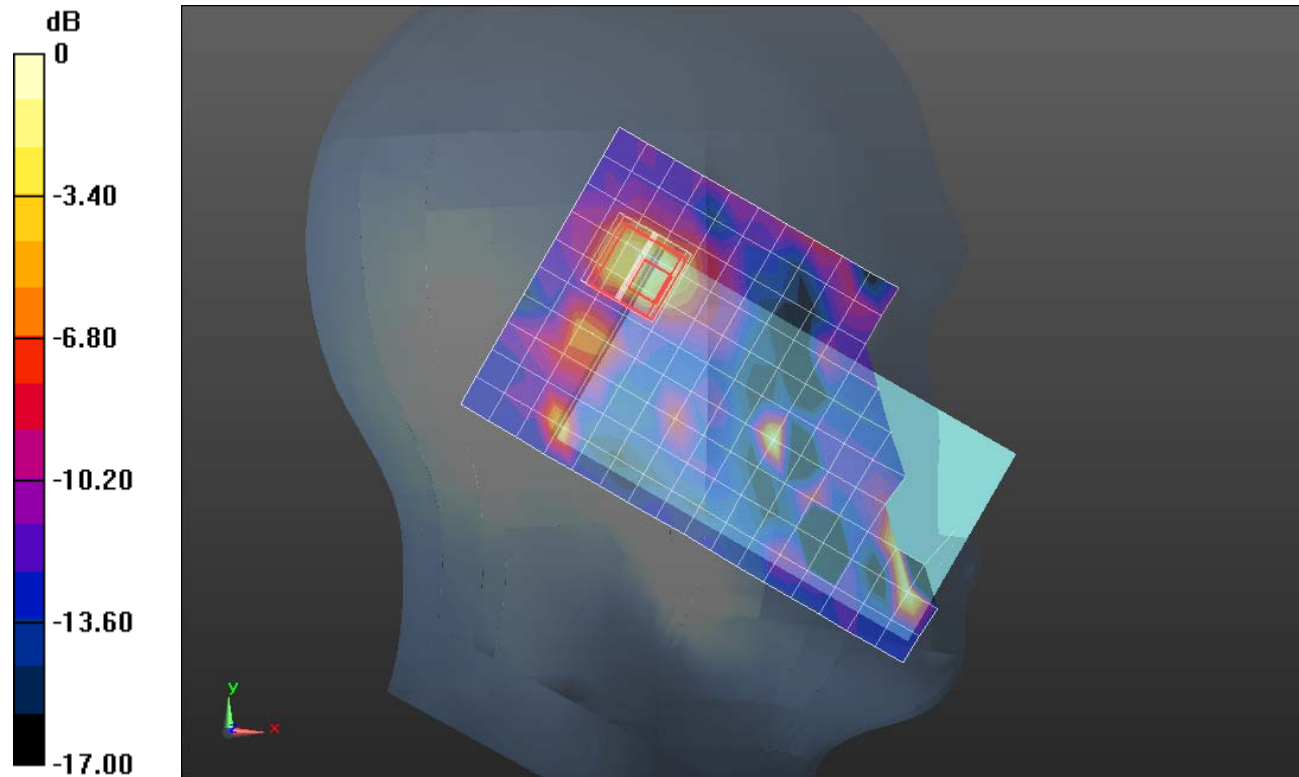
**Head/Left Tilt/802.11a/Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.523 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.3740

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.331 mW/g



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

## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.087$  mho/m;  $\epsilon_r = 35.558$ ;  $\rho = 1000$  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(4.26, 4.26, 4.26); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 104/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.219 mW/g

**Head/Right Touch/802.11a/Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

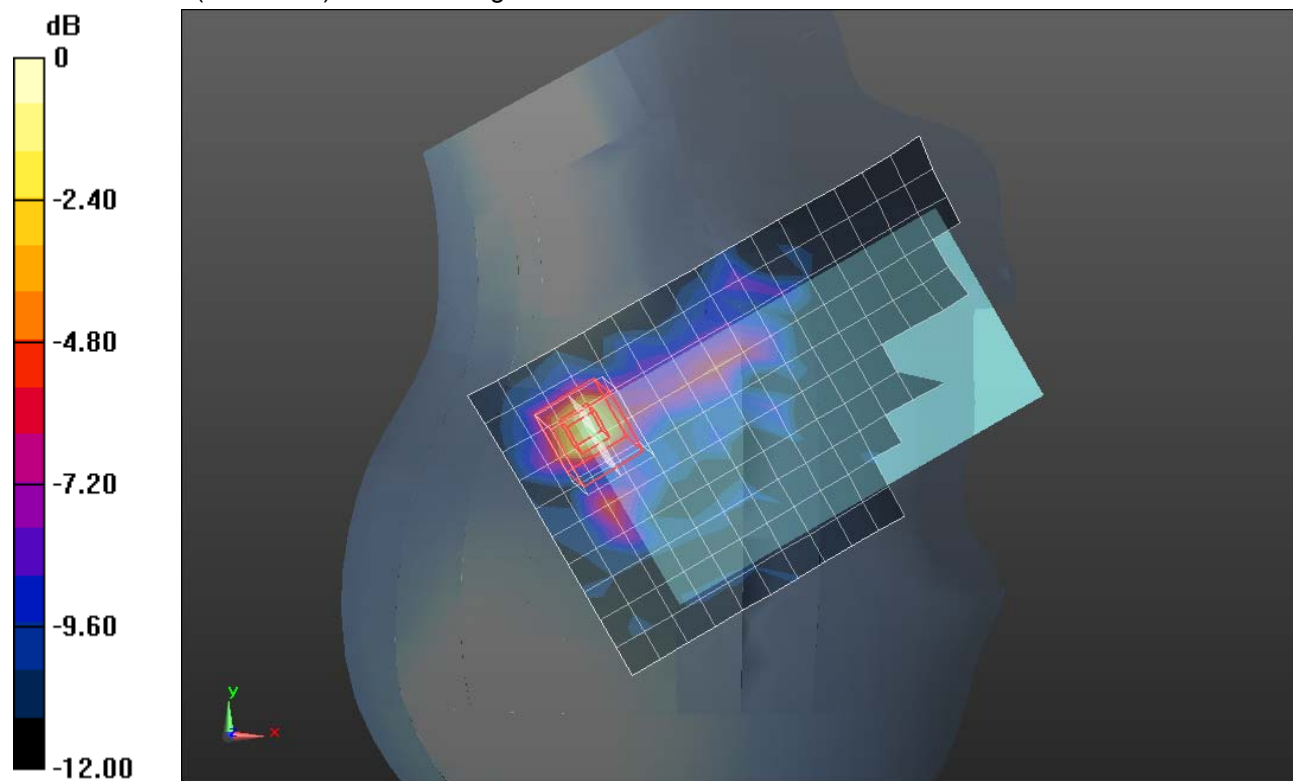
dy=4mm, dz=2.5mm

Reference Value = 6.494 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.6560

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.313 mW/g



0 dB = 0.310mW/g = -10.17 dB mW/g



## WiFi 5GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.162$  mho/m;  $\epsilon_r = 35.492$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 116/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.348 mW/g

**Head/Right Touch/802.11a/Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

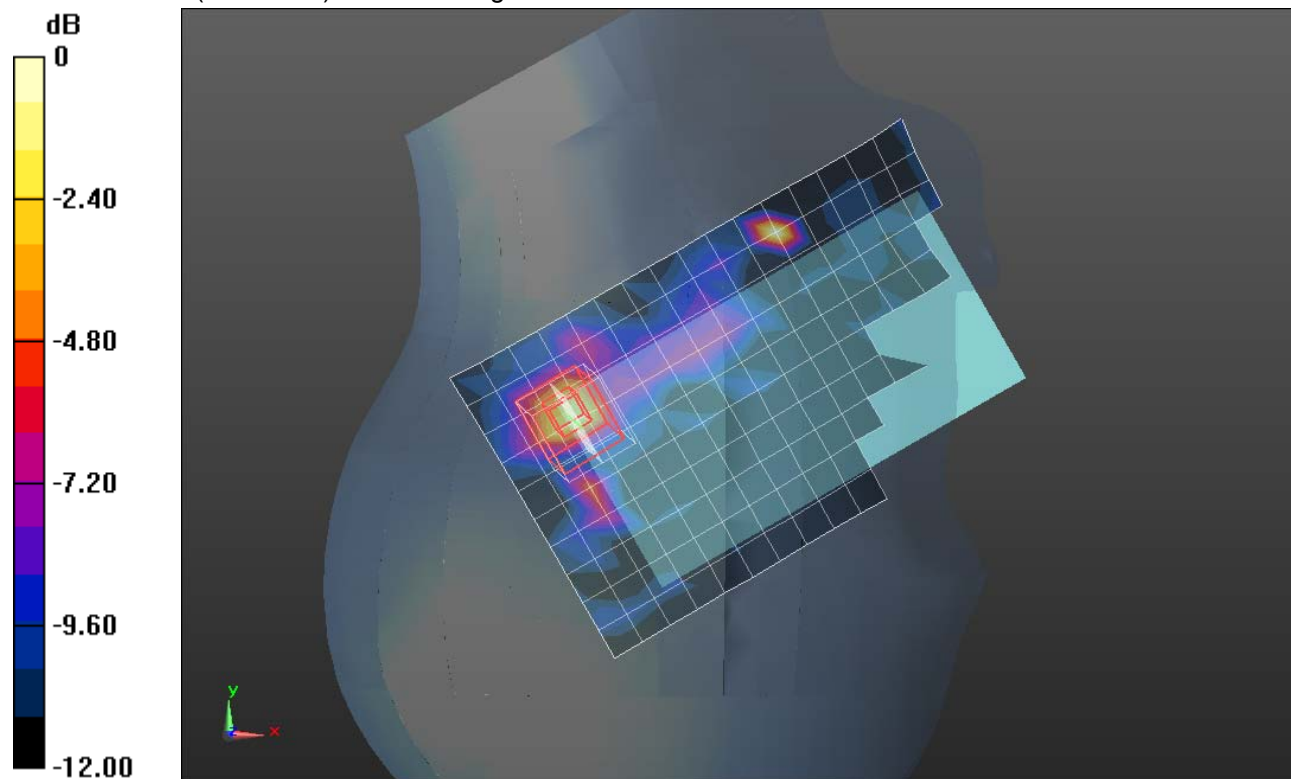
dy=4mm, dz=2.5mm

Reference Value = 6.058 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.7020

**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.061 mW/g**

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



0 dB = 0.290mW/g = -10.75 dB mW/g



## WiFi 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.242$  mho/m;  $\epsilon_r = 35.328$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 132/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.204 mW/g

**Head/Right Touch/802.11a/Ch 132/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

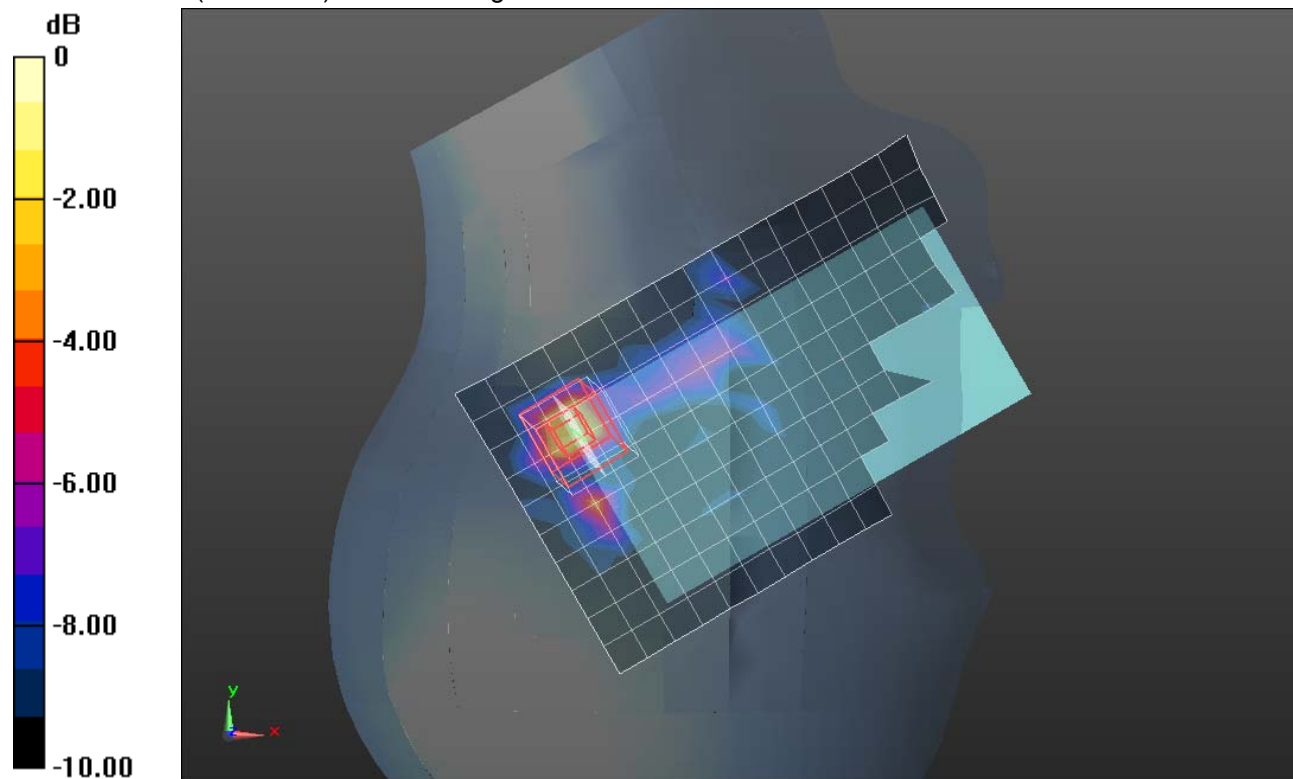
dy=4mm, dz=2.5mm

Reference Value = 6.543 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.6790

**SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.060 mW/g**

Maximum value of SAR (measured) = 0.285 mW/g



0 dB = 0.280mW/g = -11.06 dB mW/g

## WiFi 5GHz

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 5.269$  mho/m;  $\epsilon_r = 35.287$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 136/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.227 mW/g

**Head/Right Touch/802.11a/Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

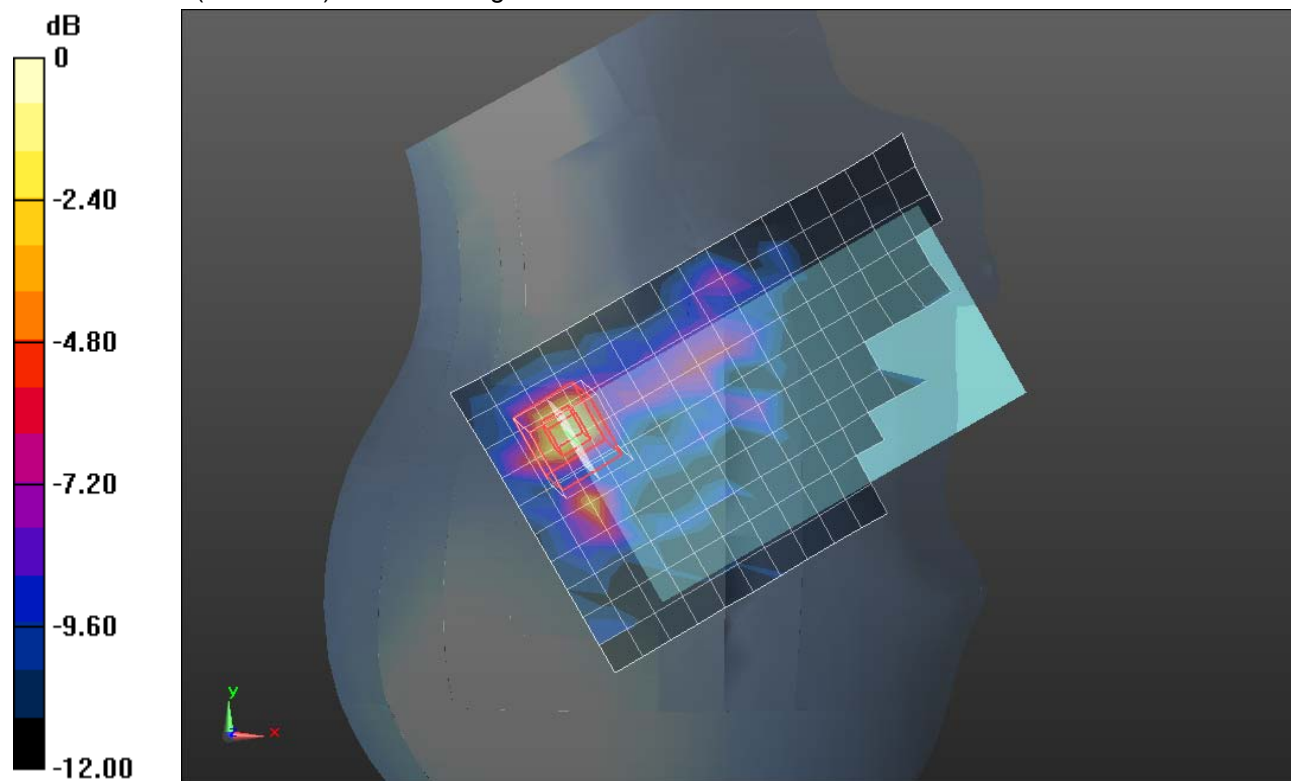
dy=4mm, dz=2.5mm

Reference Value = 6.713 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.6790

**SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.063 mW/g**

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



0 dB = 0.290mW/g = -10.75 dB mW/g

## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.087$  mho/m;  $\epsilon_r = 35.558$ ;  $\rho = 1000$  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(4.26, 4.26, 4.26); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 104/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.177 mW/g

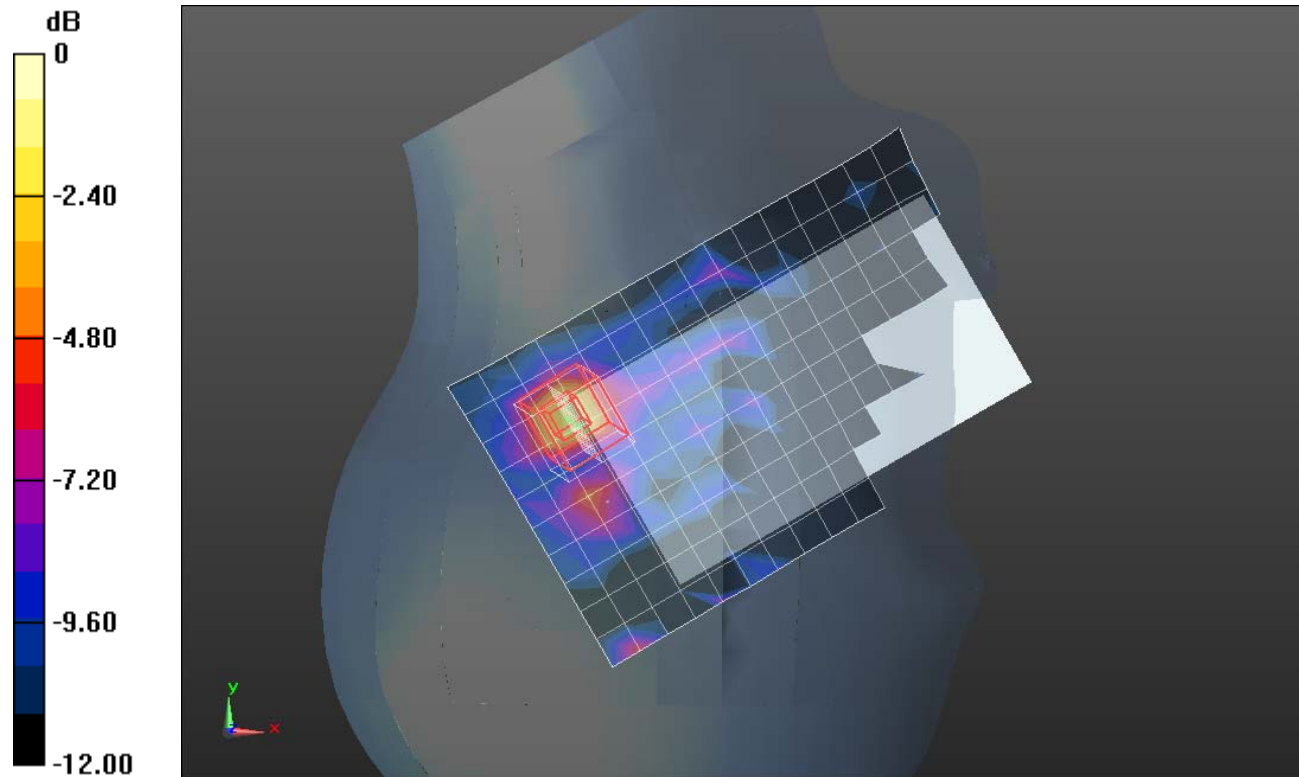
**Head/Right Tilt/802.11a/Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.867 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.6280

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.040 mW/g**

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



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

## WiFi 5GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.162$  mho/m;  $\epsilon_r = 35.492$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 116/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.177 mW/g

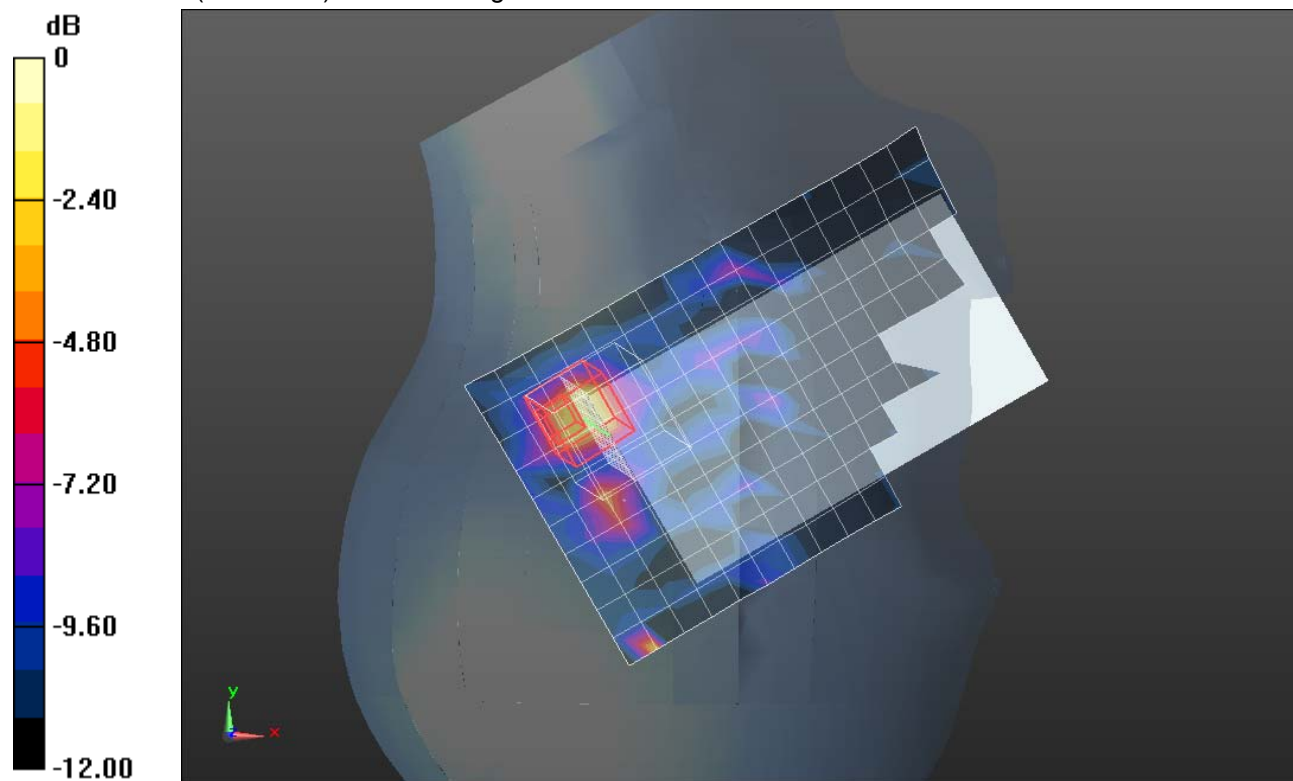
**Head/Right Tilt/802.11a/Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.094 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.2400

**SAR(1 g) = 0.0083 mW/g; SAR(10 g) = 0.000833 mW/g**

Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.260mW/g = -11.70 dB mW/g

## WiFi 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.242$  mho/m;  $\epsilon_r = 35.328$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 132/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

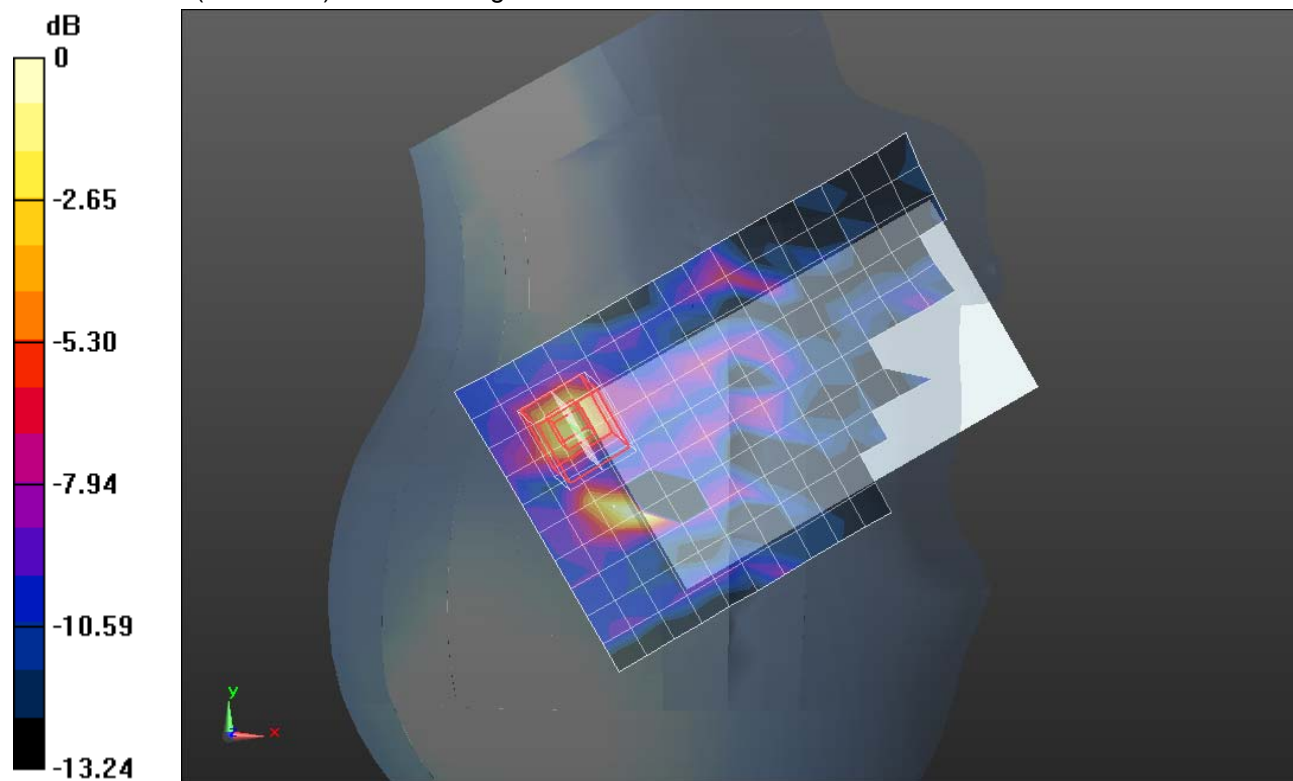
**Head/Right Tilt/802.11a/Ch 132/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.114 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.5240

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.238 mW/g



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

## WiFi 5GHz

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 5.269$  mho/m;  $\epsilon_r = 35.287$ ;  $\rho = 1000$  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(4.15, 4.15, 4.15); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 136/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.163 mW/g

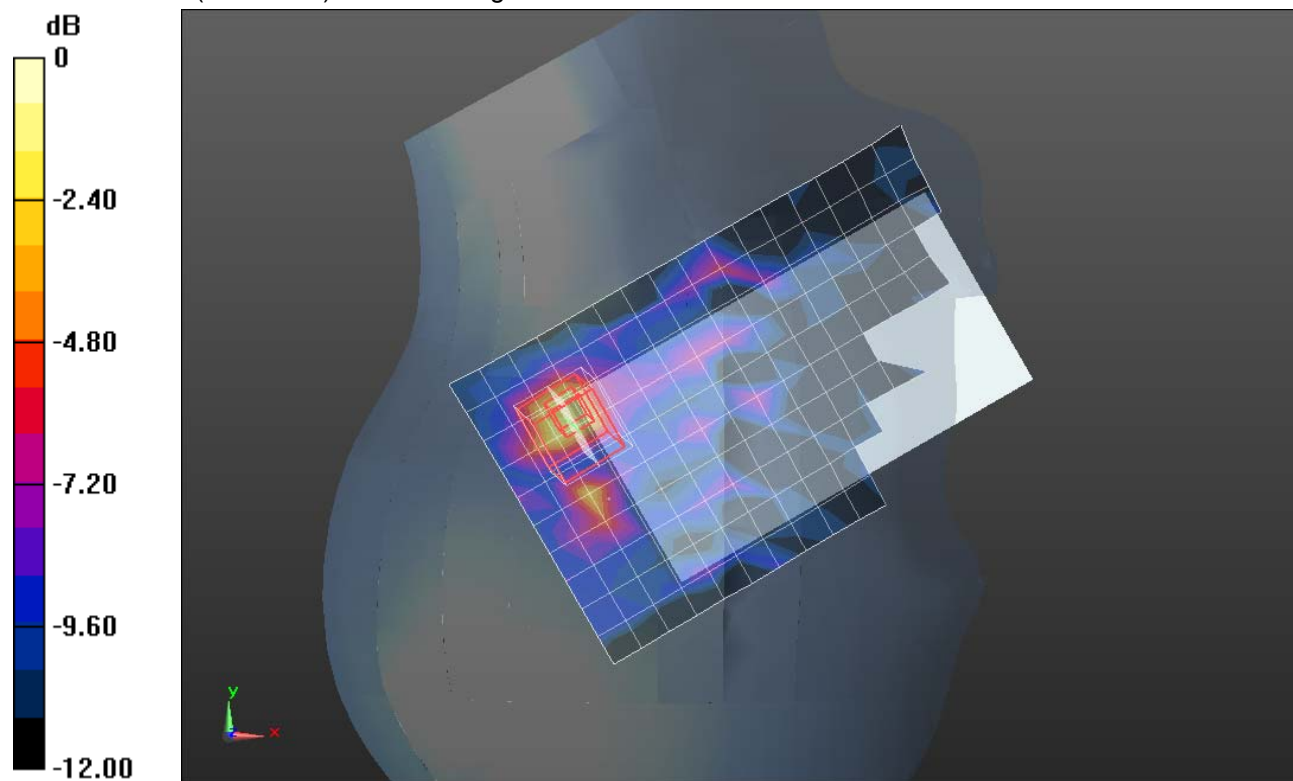
**Head/Right Tilt/802.11a/Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.777 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.7660

**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.00928 mW/g**

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



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



## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.371$  mho/m;  $\epsilon_r = 35.334$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 149/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.681 mW/g

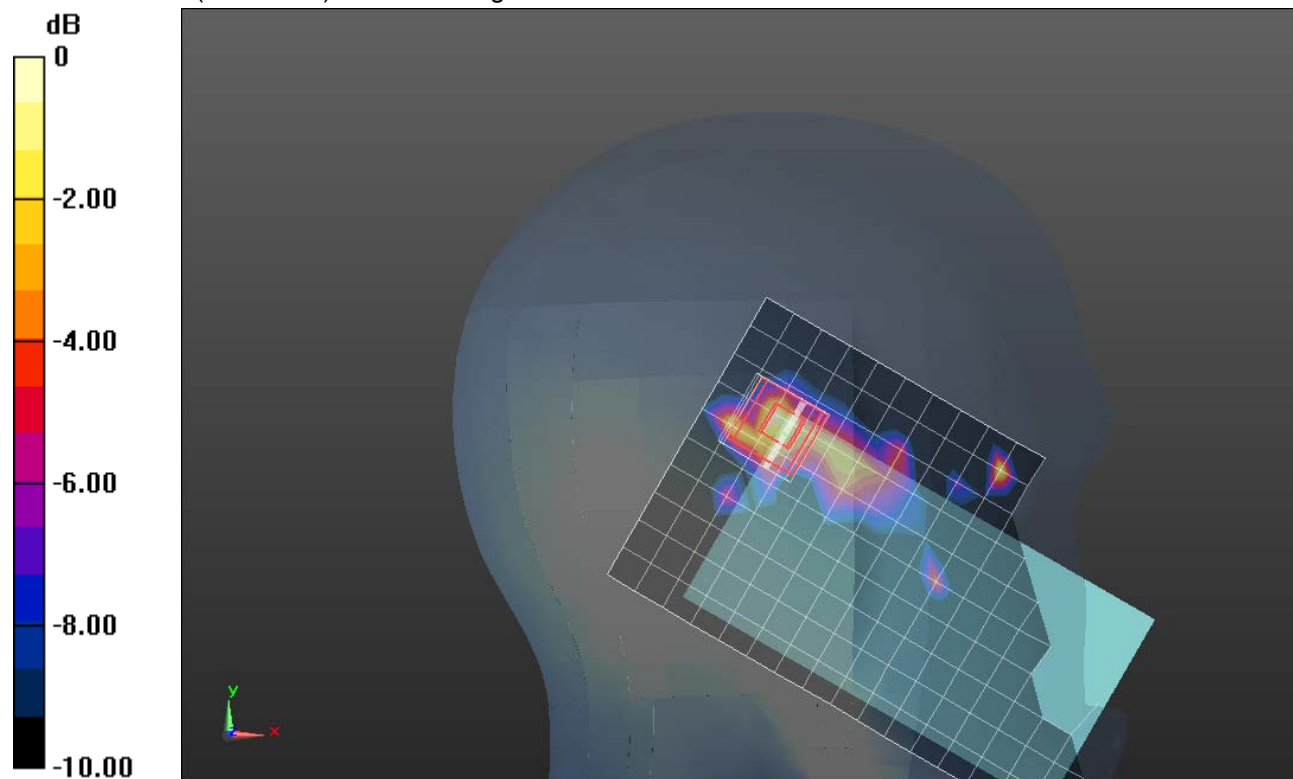
**Head/Left Touch/802.11a/Ch 149/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.765 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.7550

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.702 mW/g



0 dB = 0.700mW/g = -3.10 dB mW/g

## WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.378$  mho/m;  $\epsilon_r = 35.263$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 157/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.475 mW/g

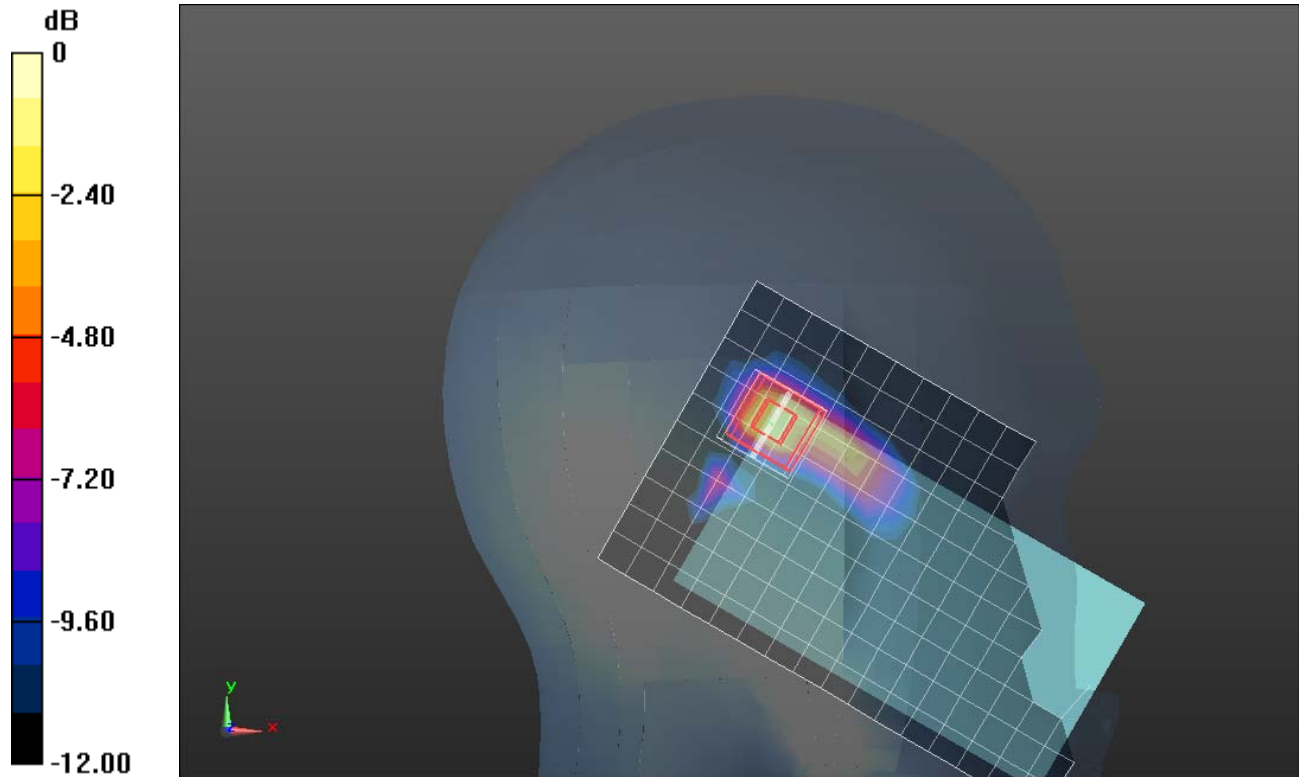
**Head/Left Touch/802.11a/Ch 157/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.091 V/m; Power Drift = -0.0074 dB

Peak SAR (extrapolated) = 1.7940

**SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.764 mW/g

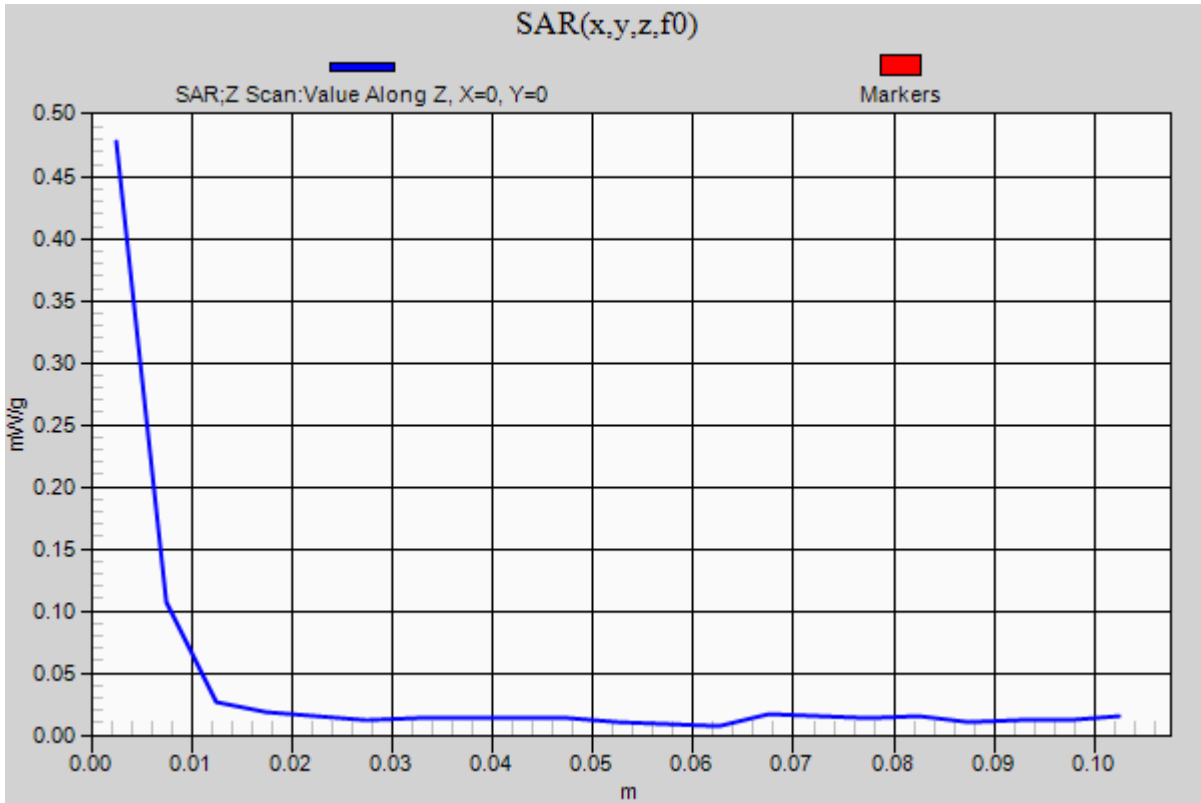


0 dB = 0.760mW/g = -2.38 dB mW/g

## WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1

**Head/Left Touch/802.11a/Ch 157/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.478 mW/g



## WiFi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.461$  mho/m;  $\epsilon_r = 35.111$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Touch/802.11a/Ch 165/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.529 mW/g

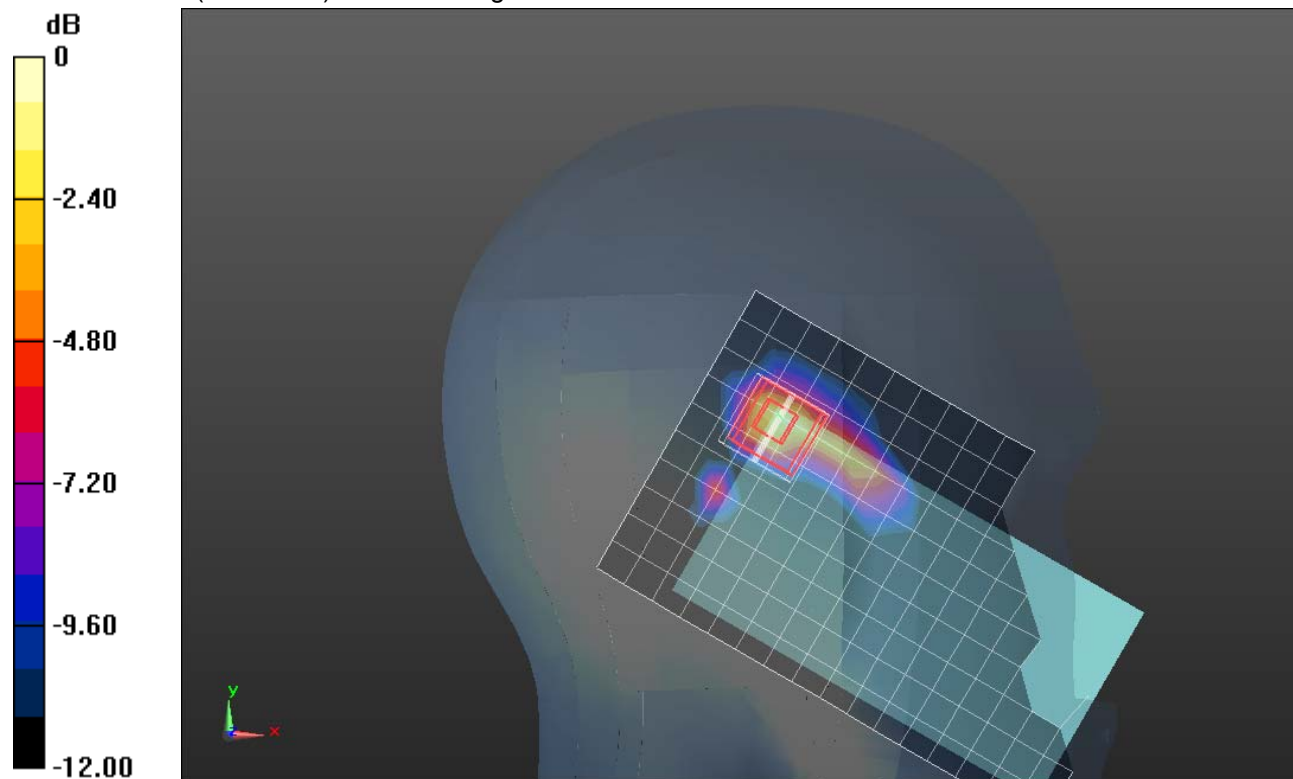
**Head/Left Touch/802.11a/Ch 165/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.319 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.8130

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.113 mW/g**

Maximum value of SAR (measured) = 0.663 mW/g



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

## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.371$  mho/m;  $\epsilon_r = 35.334$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 149/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.462 mW/g

**Head/Left Tilt/802.11a/Ch 149/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

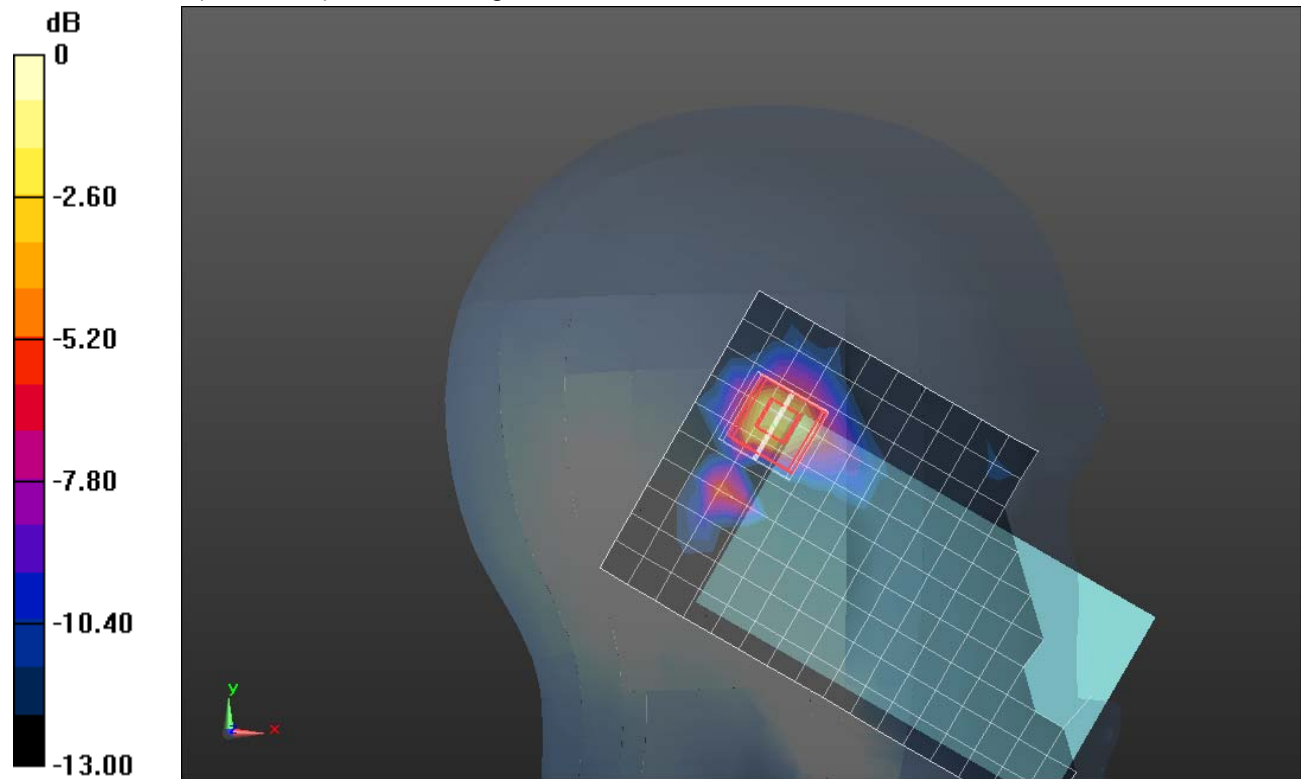
dz=2.5mm

Reference Value = 9.713 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.2640

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.111 mW/g**

Maximum value of SAR (measured) = 0.635 mW/g



0 dB = 0.640mW/g = -3.88 dB mW/g

## WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.378$  mho/m;  $\epsilon_r = 35.263$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 157/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.451 mW/g

**Head/Left Tilt/802.11a/Ch 157/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

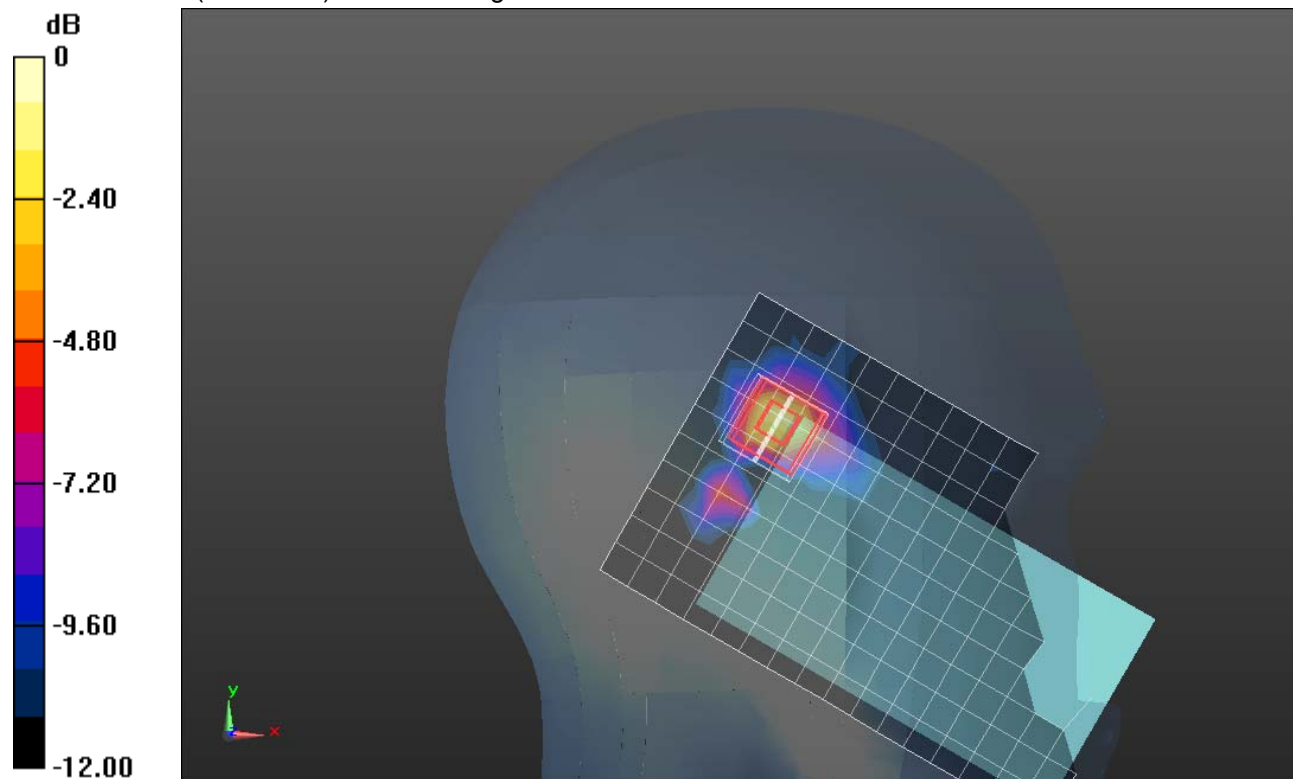
dz=2.5mm

Reference Value = 9.592 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.1600

**SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.583 mW/g



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



## WiFi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.461$  mho/m;  $\epsilon_r = 35.111$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Left Tilt/802.11a/Ch 165/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.415 mW/g

**Head/Left Tilt/802.11a/Ch 165/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

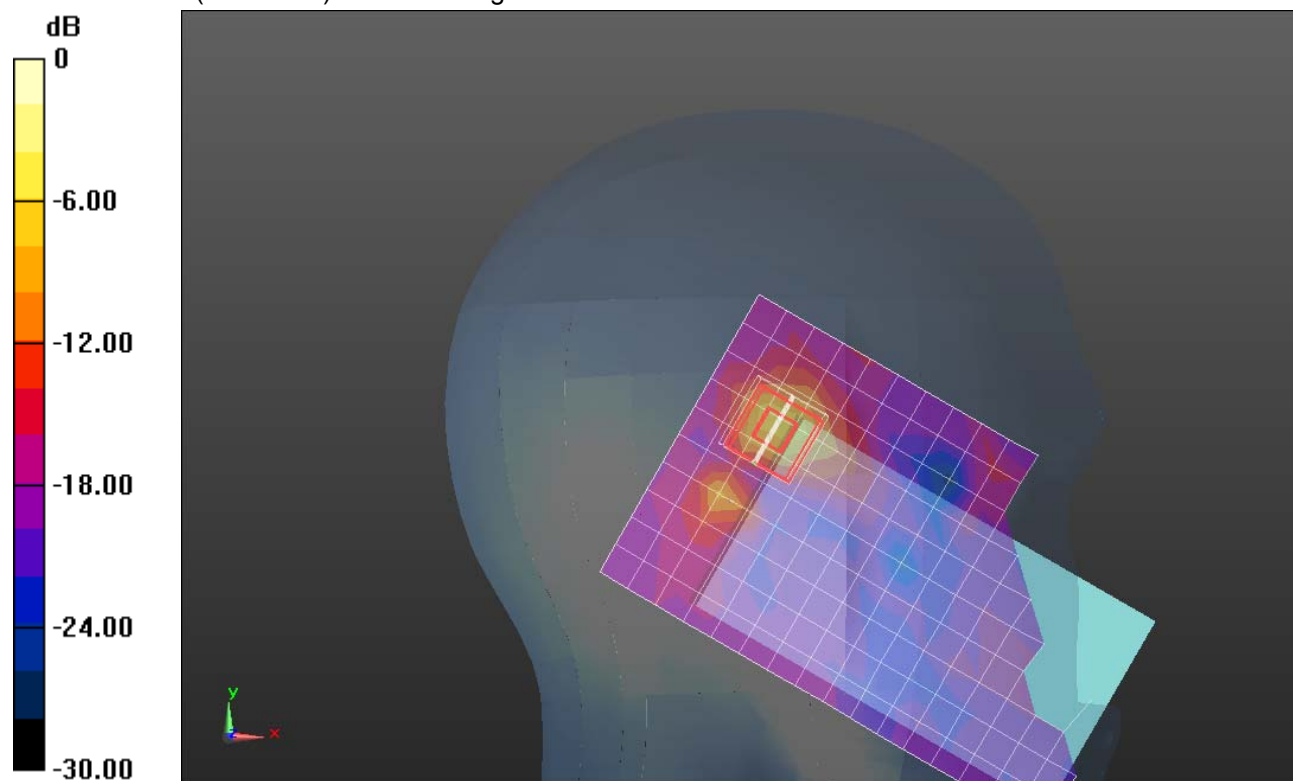
dz=2.5mm

Reference Value = 9.184 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 4.4300

**SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 1.630 mW/g



0 dB = 1.630mW/g = 4.24 dB mW/g

## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.371$  mho/m;  $\epsilon_r = 35.334$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 149/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.329 mW/g

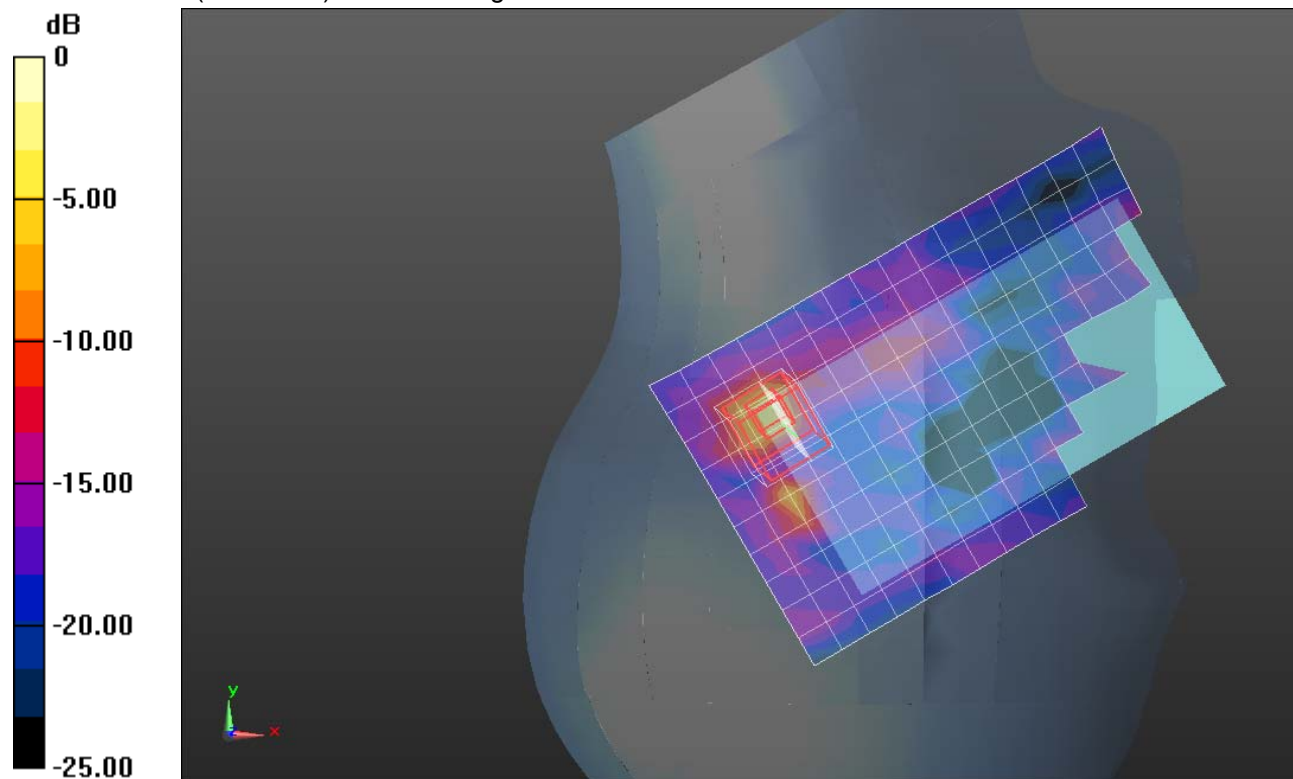
**Head/Right Touch/802.11a/Ch 149/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.296 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.4770

**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 1.353 mW/g



0 dB = 1.350mW/g = 2.61 dB mW/g

## WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.378$  mho/m;  $\epsilon_r = 35.263$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 157/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

**Head/Right Touch/802.11a/Ch 157/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

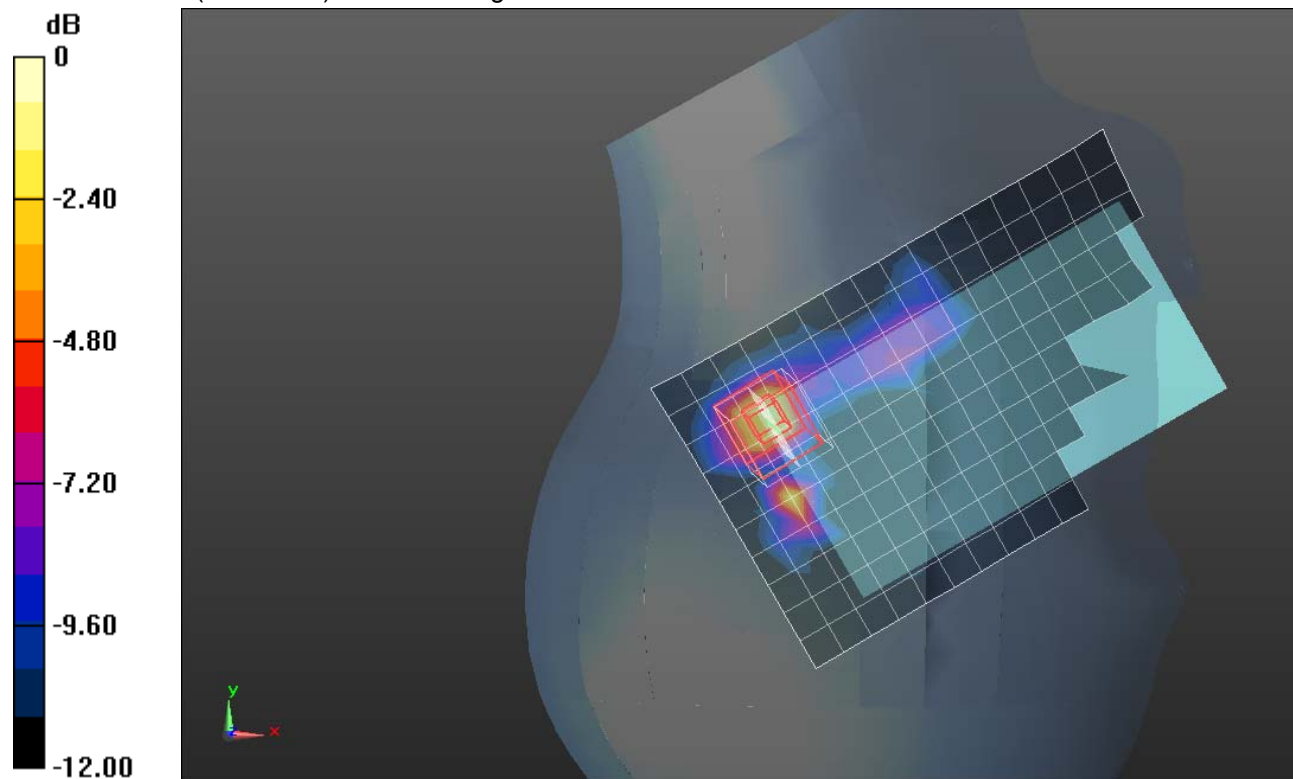
dy=4mm, dz=2.5mm

Reference Value = 8.209 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.8830

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

## WiFi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.461$  mho/m;  $\epsilon_r = 35.111$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Touch/802.11a/Ch 165/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

**Head/Right Touch/802.11a/Ch 165/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

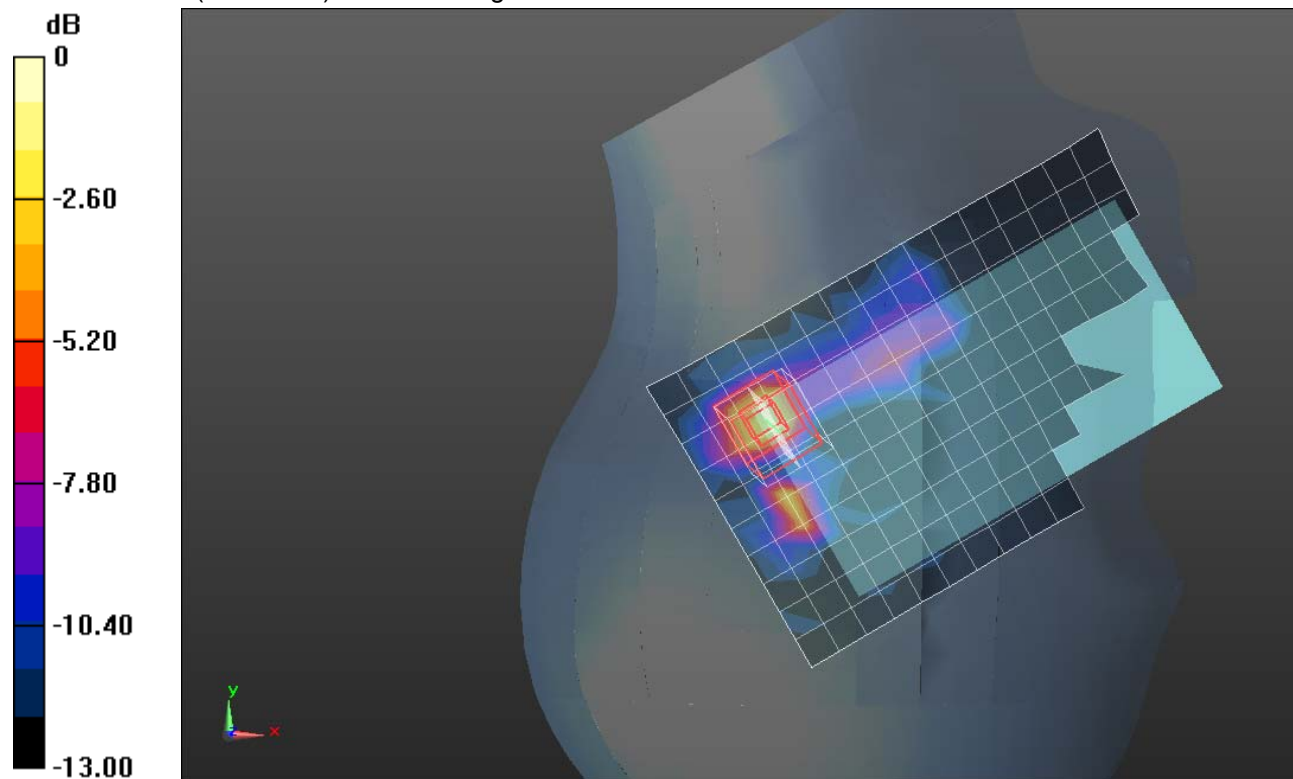
dy=4mm, dz=2.5mm

Reference Value = 7.100 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.9410

**SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.083 mW/g**

Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.371$  mho/m;  $\epsilon_r = 35.334$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 149/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

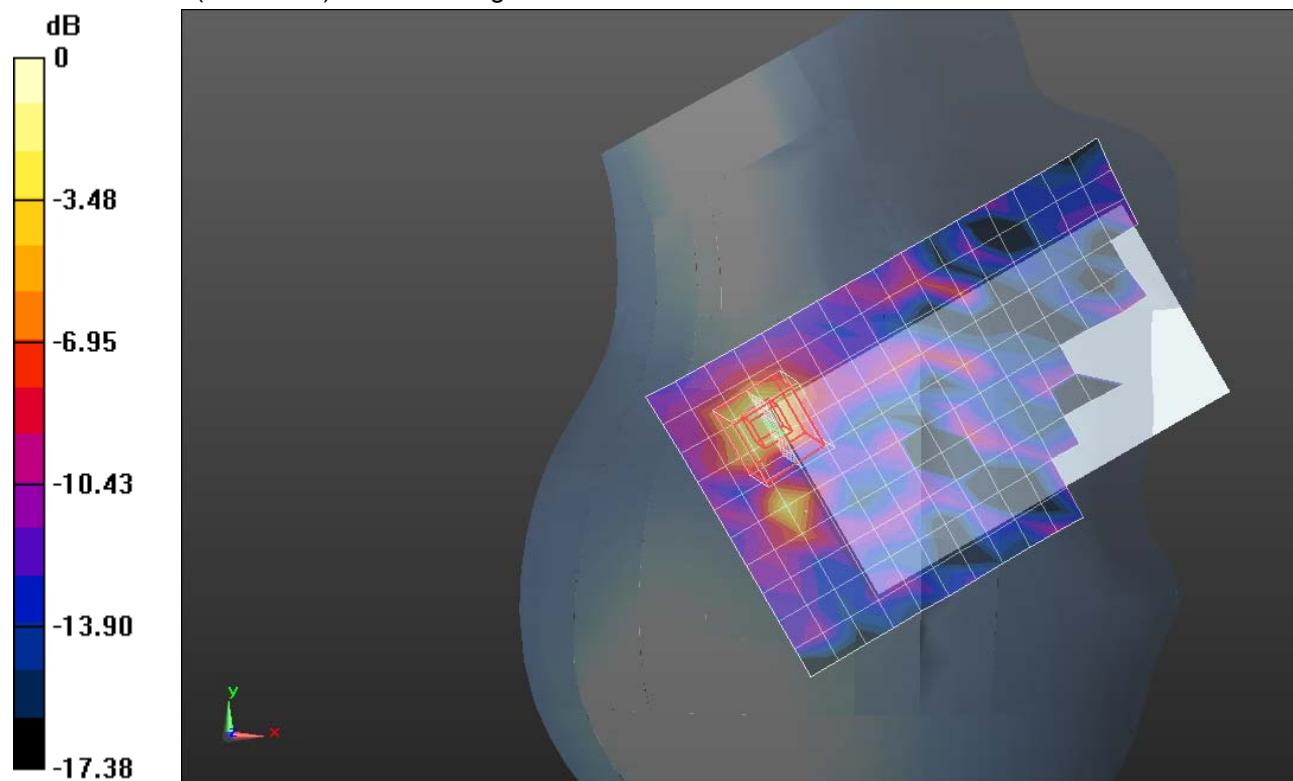
**Head/Right Tilt/802.11a/Ch 149/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.105 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.9070

**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 0.391 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

## WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.378$  mho/m;  $\epsilon_r = 35.263$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 157/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

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

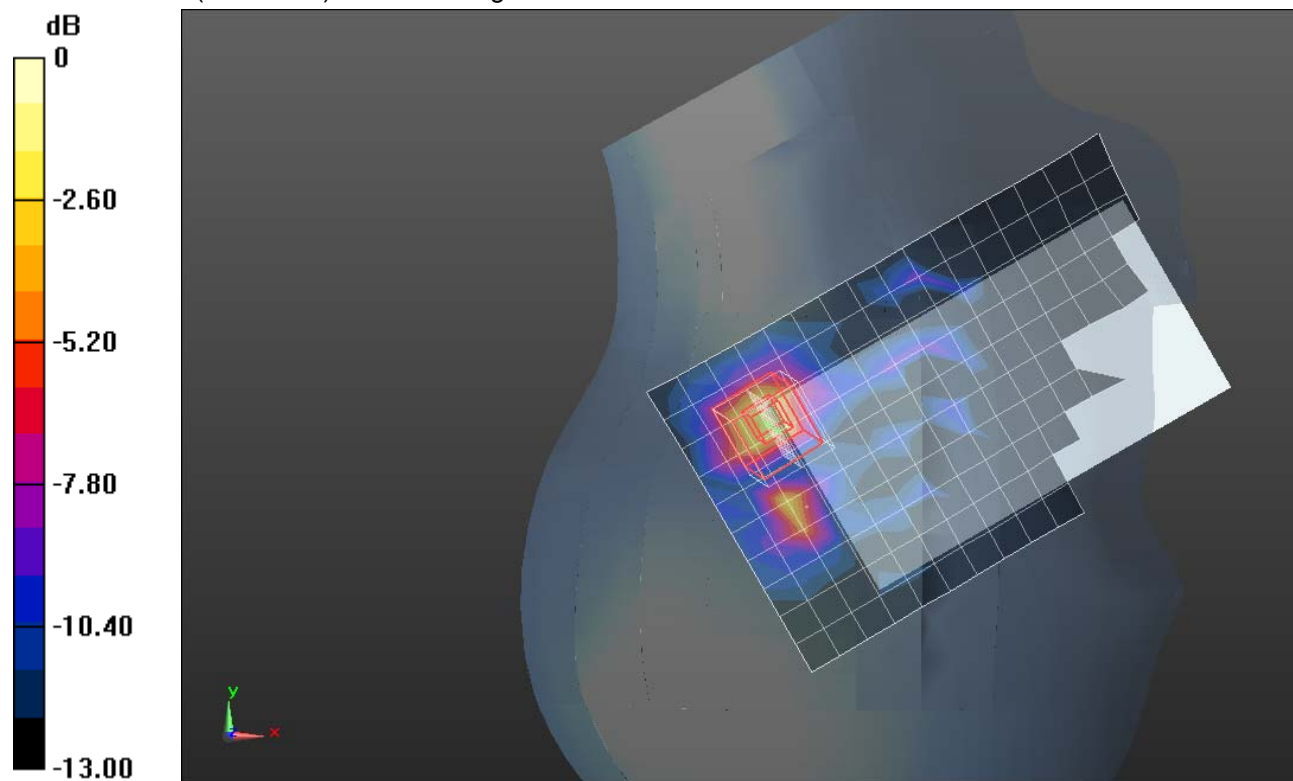
**Head/Right Tilt/802.11a/Ch 157/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.758 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.7610

**SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.360mW/g = -8.87 dB mW/g



## WiFi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.461$  mho/m;  $\epsilon_r = 35.111$ ;  $\rho = 1000$  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(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/802.11a/Ch 165/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.912 mW/g

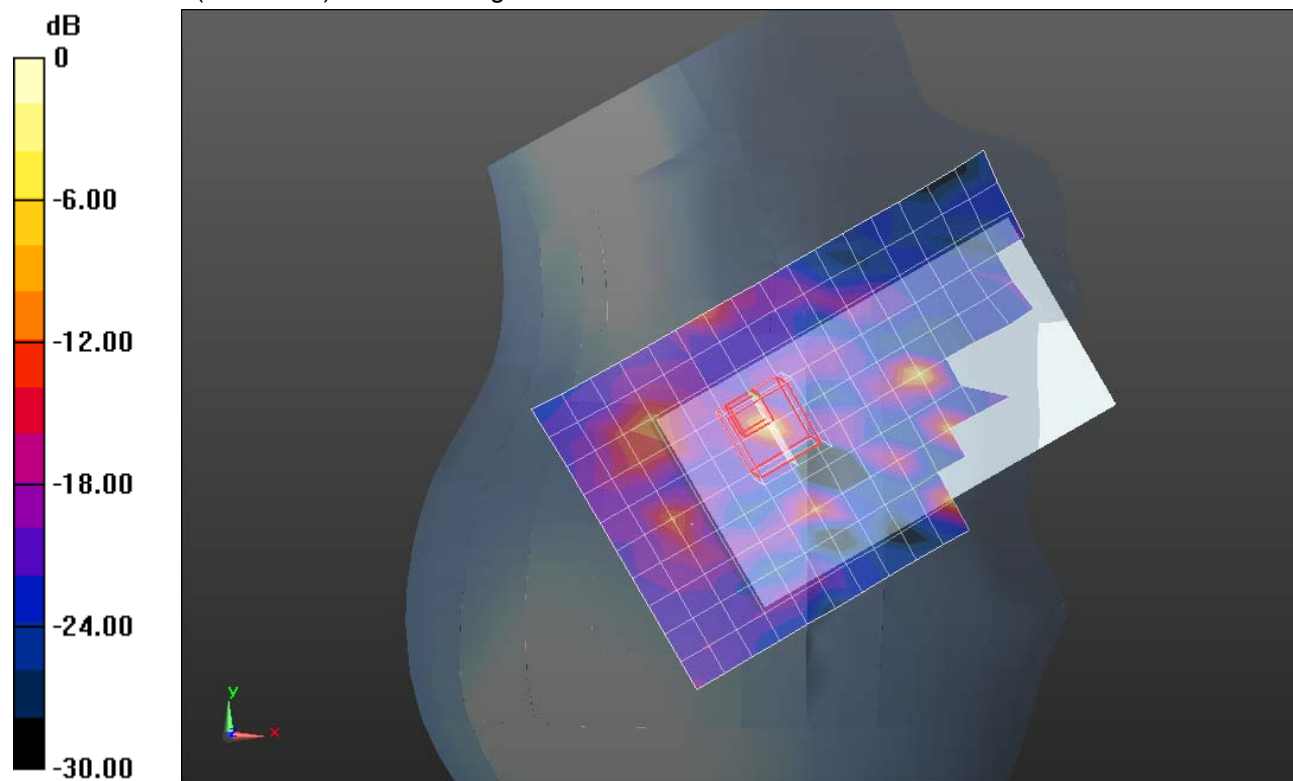
**Head/Right Tilt/802.11a/Ch 165/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.069 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.1040

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.0015 mW/g**

Maximum value of SAR (measured) = 3.104 mW/g



0 dB = 3.100mW/g = 9.83 dB mW/g

## WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.386$  mho/m;  $\epsilon_r = 49.284$ ;  $\rho = 1000$  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(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 36/Area Scan 4 (11x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.086 mW/g

**Body/Rear/802.11a/10mm/Ch 36/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

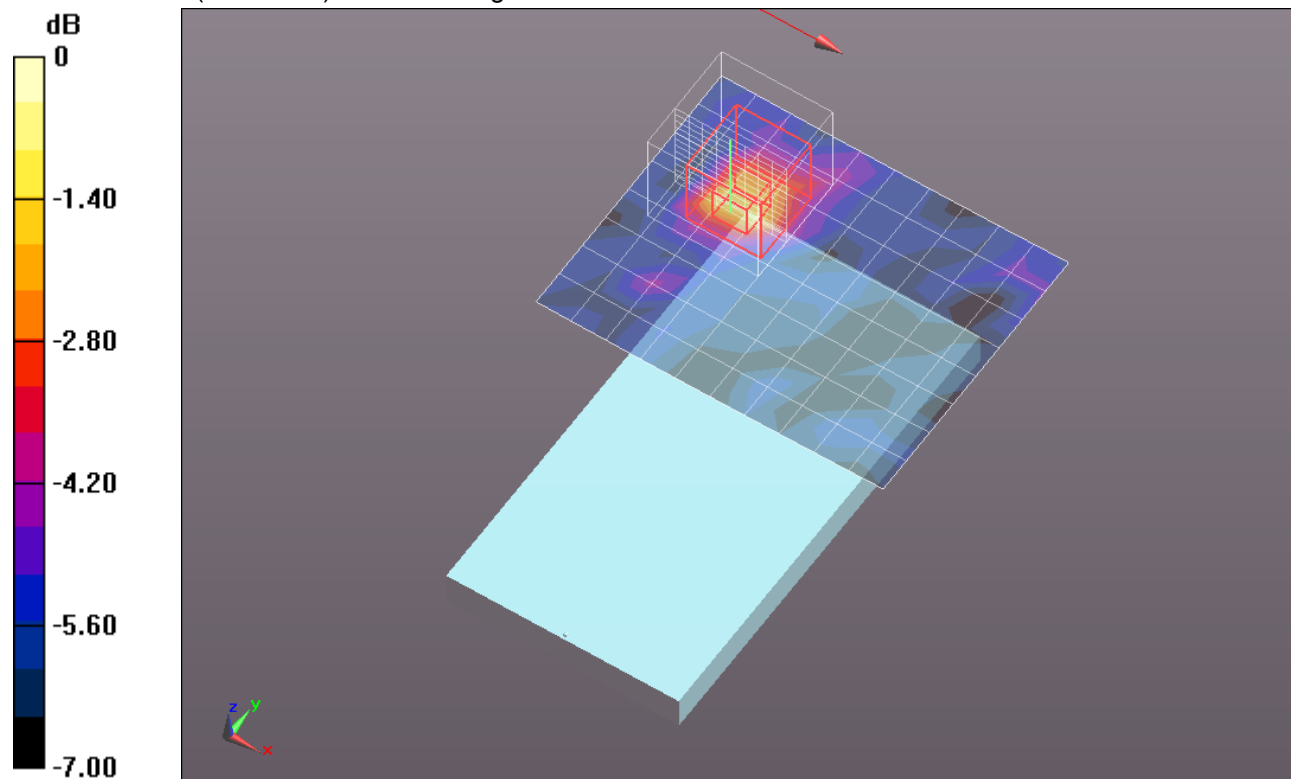
dy=4mm, dz=2.5mm

Reference Value = 4.204 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.2010

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.102 mW/g

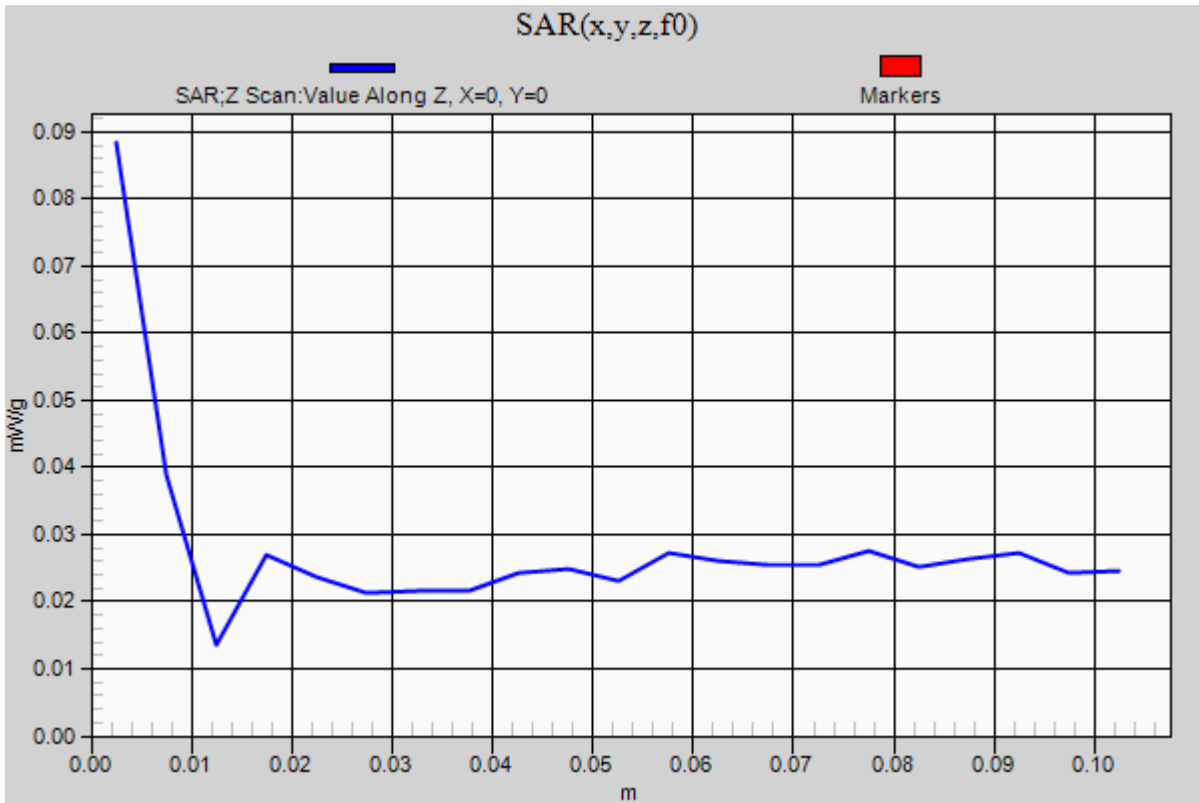


0 dB = 0.100mW/g = -20.00 dB mW/g

## WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1

**Body/Rear/802.11a/10mm/Ch 36/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.088 mW/g



## WiFi 5GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.446$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  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(4.04, 4.04, 4.04); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 48/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.110 mW/g

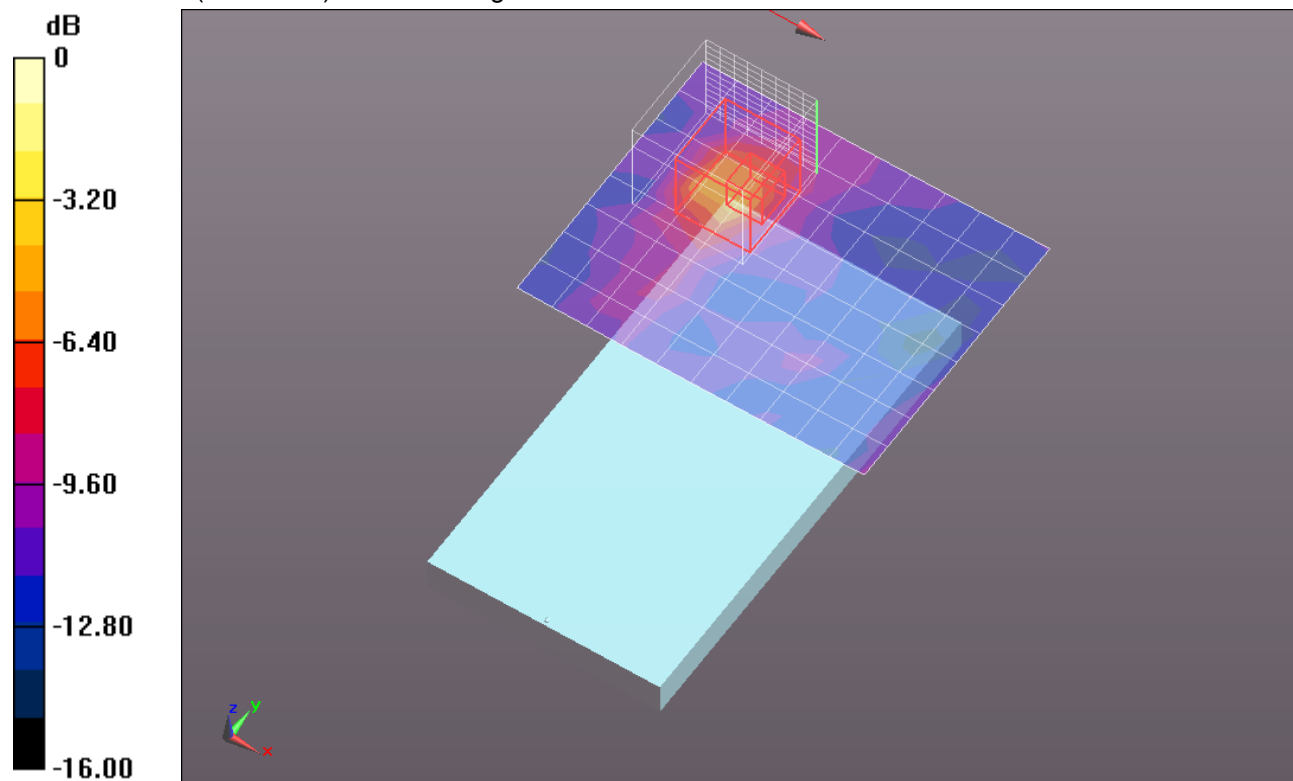
**Body/Rear/802.11a/10mm/Ch 48/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.533 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.3260

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.031 mW/g**

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



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

## WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.315$  mho/m;  $\epsilon_r = 49.156$ ;  $\rho = 1000$  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(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 36 with headset/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.079 mW/g

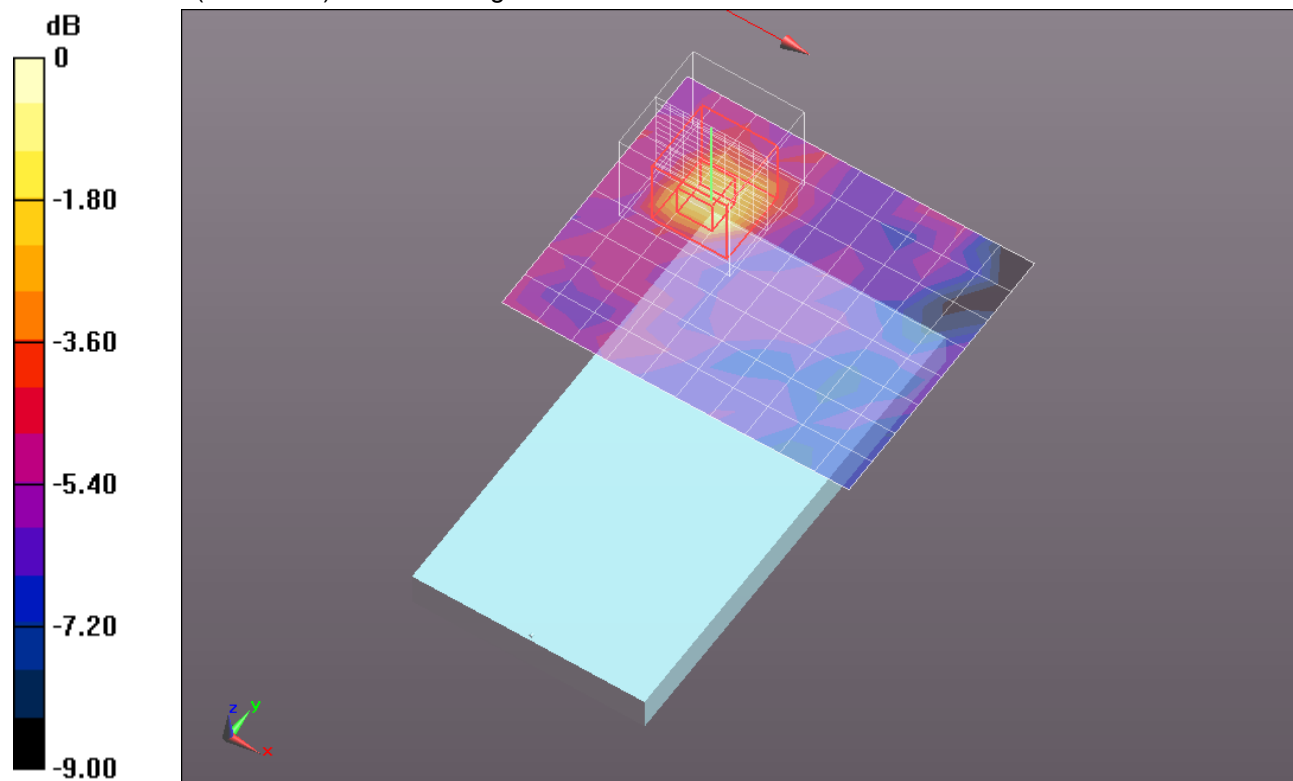
**Body/Rear/802.11a/10mm/Ch 36 with headset/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.415 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.1960

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.100 mW/g



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

## WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.315$  mho/m;  $\epsilon_r = 49.156$ ;  $\rho = 1000$  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(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 36/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.113 mW/g

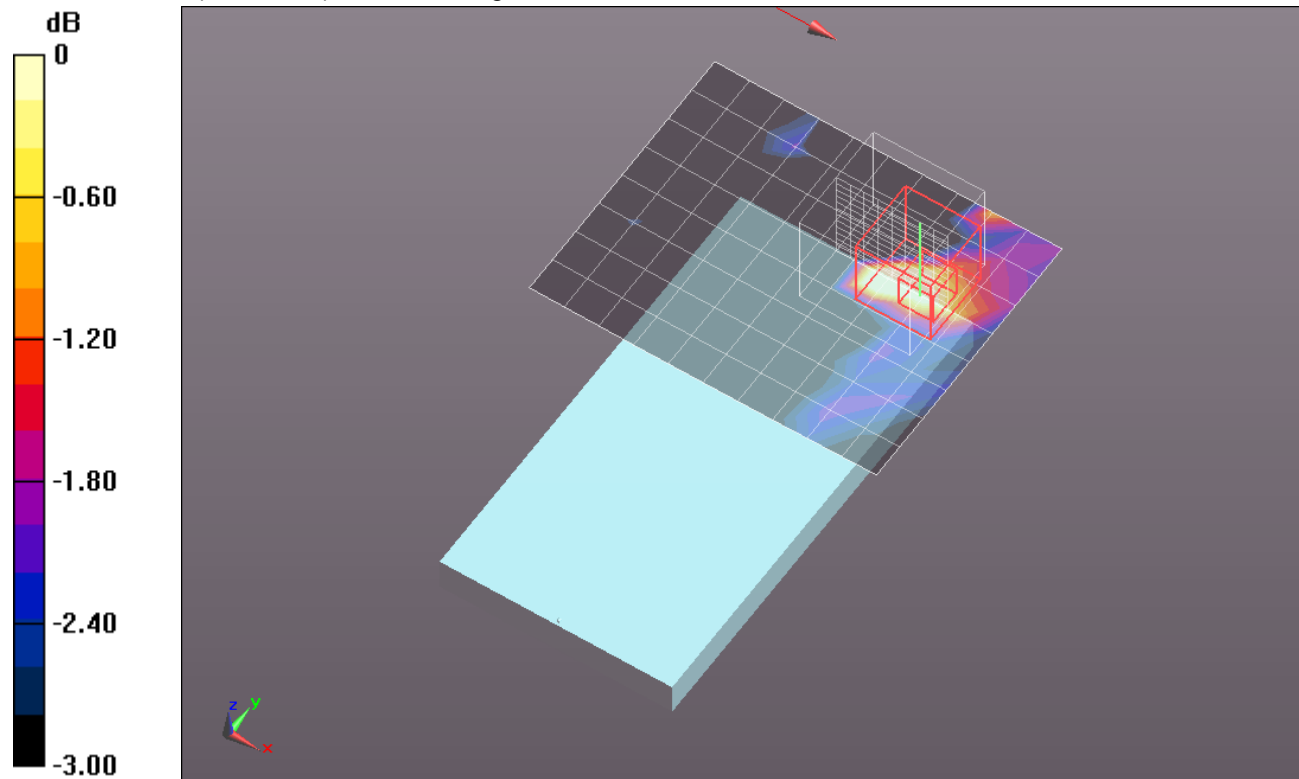
**Body/Front/802.11a/10mm/Ch 36/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.770 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.2300

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.070mW/g = -23.10 dB mW/g



## WiFi 5GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.379$  mho/m;  $\epsilon_r = 49.061$ ;  $\rho = 1000$  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(4.04, 4.04, 4.04); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 48/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.077 mW/g

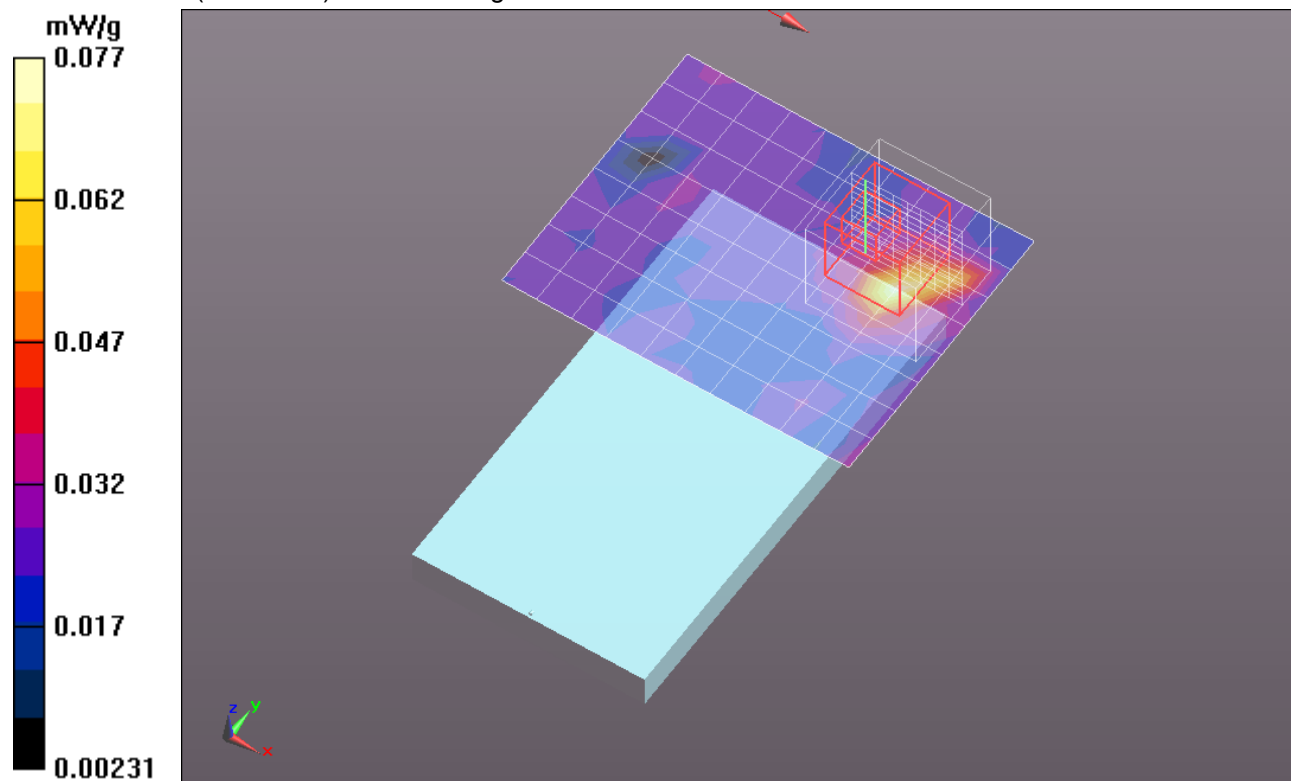
**Body/Front/802.11a/10mm/Ch 48/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.165 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.2080

**SAR(1 g) = 0.00242 mW/g; SAR(10 g) = 0.00024 mW/g**

Maximum value of SAR (measured) = 0.208 mW/g



## WiFi 5GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.428$  mho/m;  $\epsilon_r = 49.013$ ;  $\rho = 1000$  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(3.8, 3.8, 3.8); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 52/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.113 mW/g

**Body/Rear/802.11a/10mm/Ch 52/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

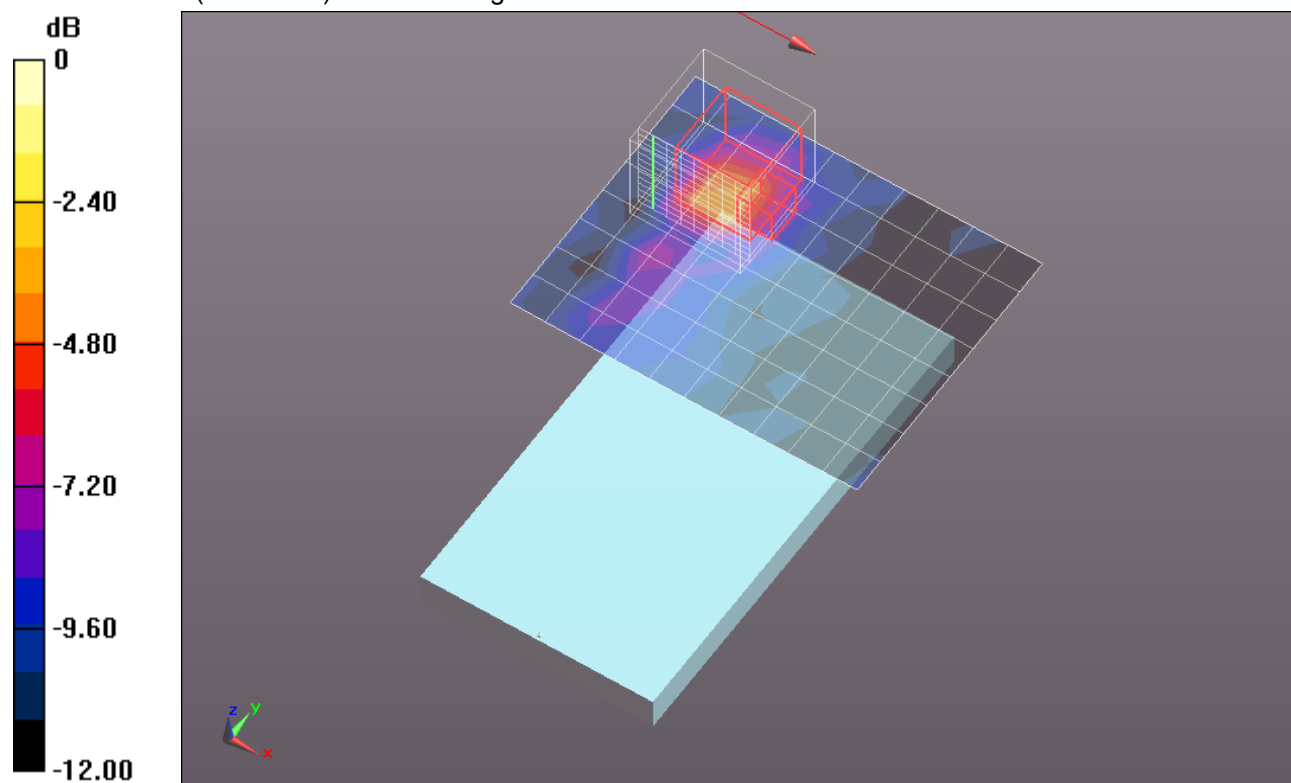
dy=4mm, dz=2.5mm

Reference Value = 4.874 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.2610

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.034 mW/g**

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



0 dB = 0.260mW/g = -11.70 dB mW/g

## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.458$  mho/m;  $\epsilon_r = 47.578$ ;  $\rho = 1000$  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(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 64/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.095 mW/g

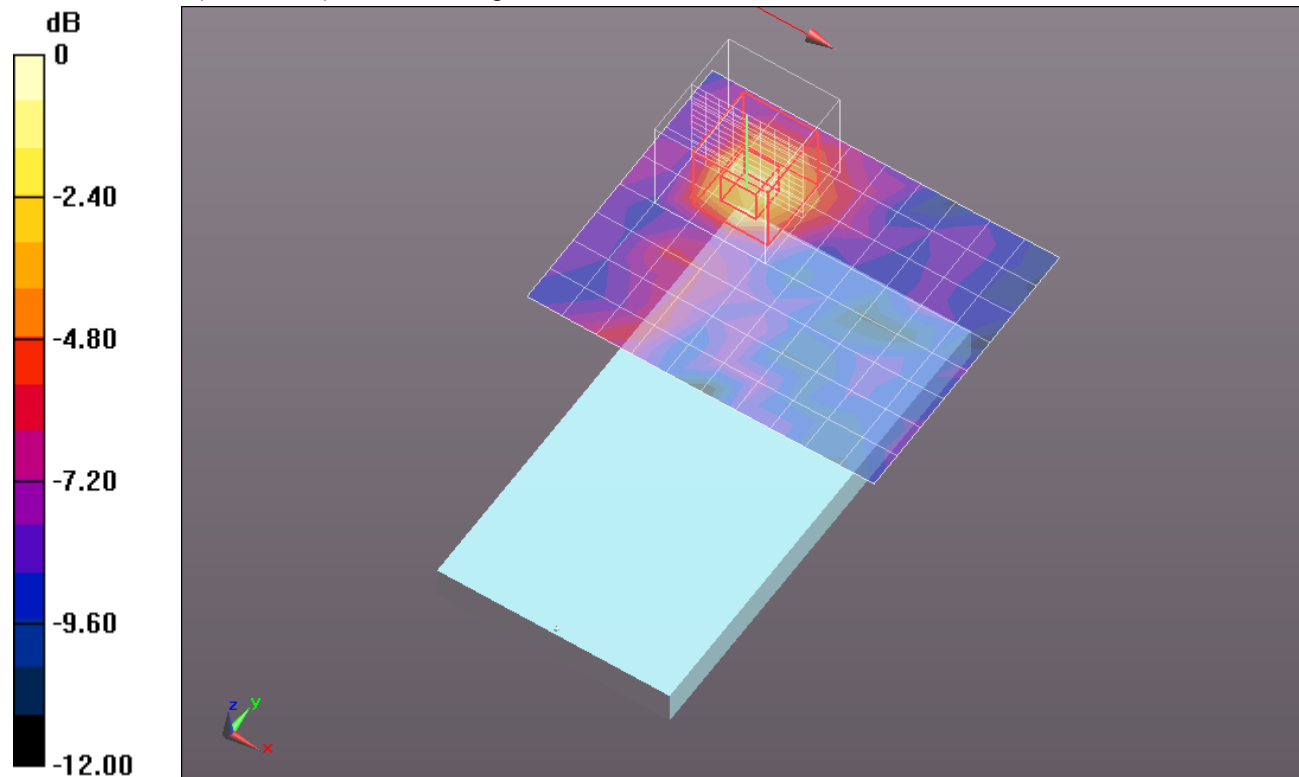
**Body/Rear/802.11a/10mm/Ch 64/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.061 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.2580

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.135 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

## WiFi 5GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.409$  mho/m;  $\epsilon_r = 47.795$ ;  $\rho = 1000$  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(3.8, 3.8, 3.8); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 52/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.069 mW/g

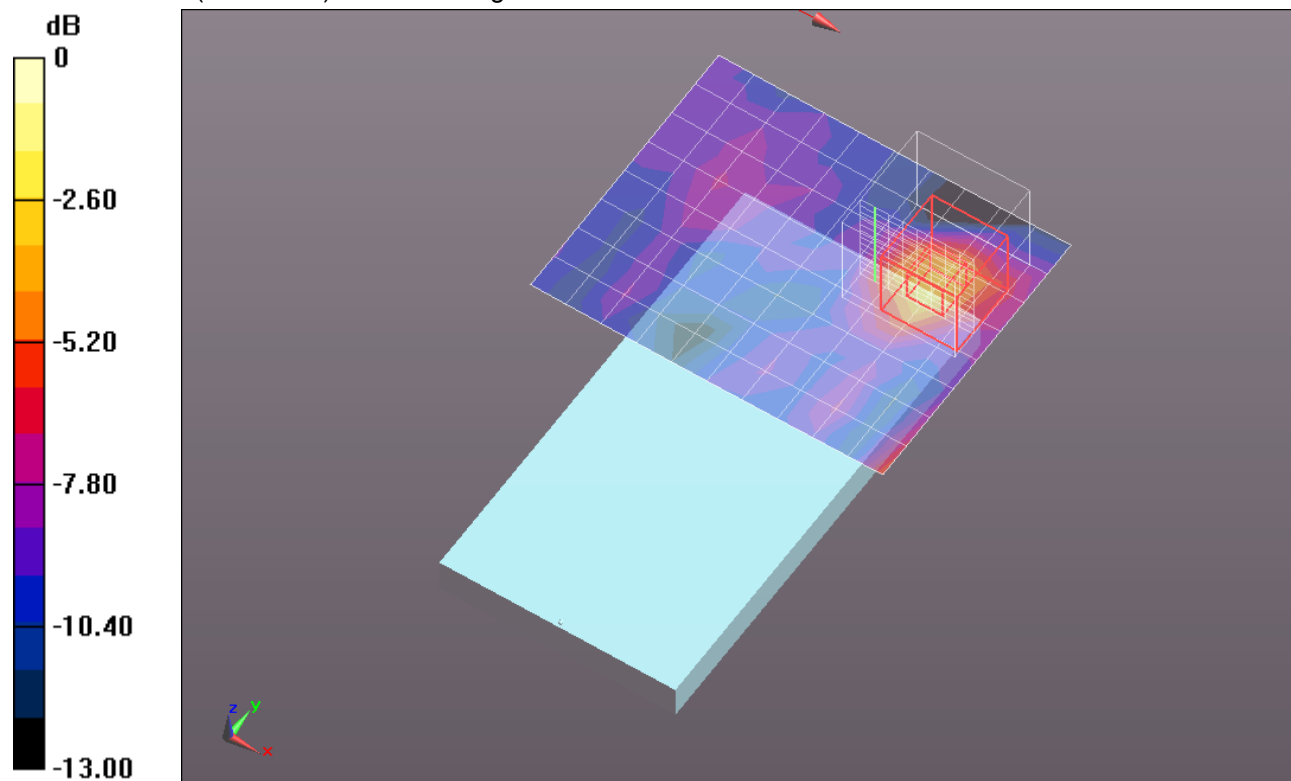
**Body/Front/802.11a/10mm/Ch 52/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.976 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.3440

**SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.022 mW/g**

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



0 dB = 0.120mW/g = -18.42 dB mW/g

## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.542$  mho/m;  $\epsilon_r = 47.736$ ;  $\rho = 1000$  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(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 64/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.095 mW/g

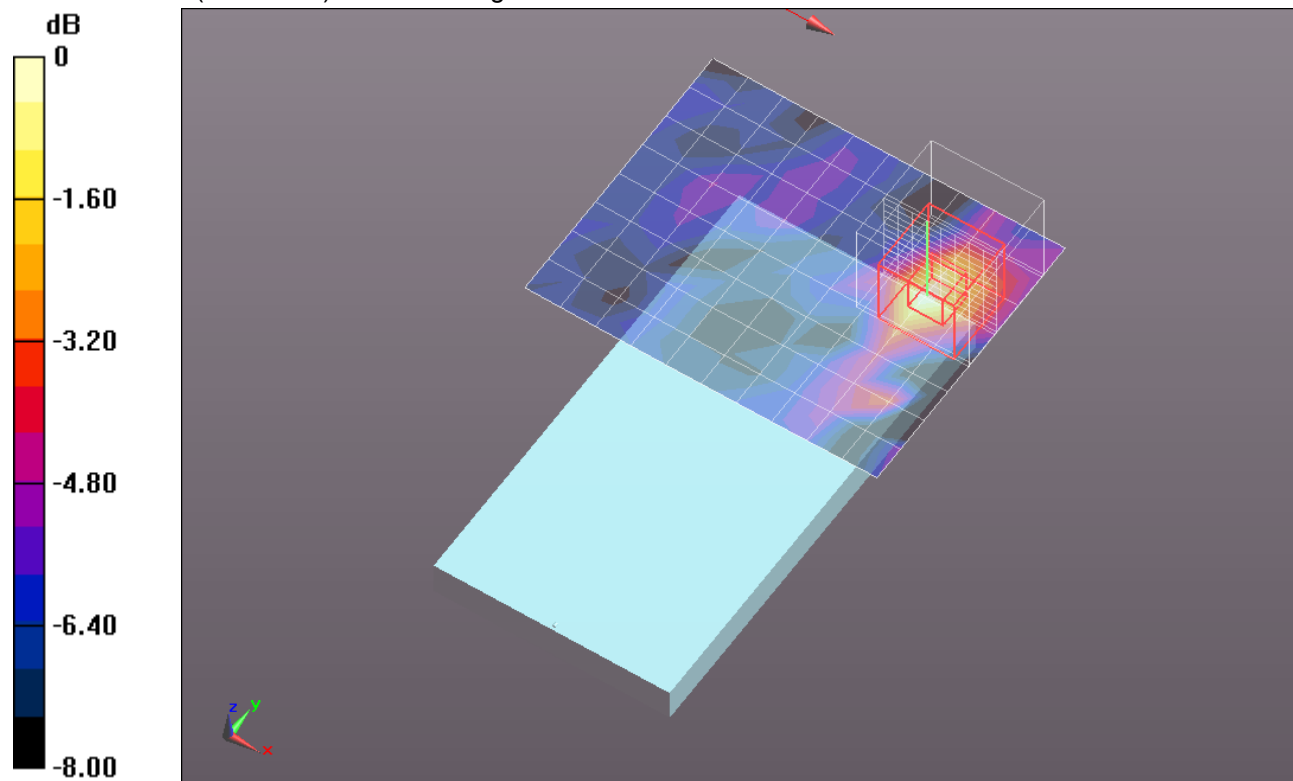
**Body/Front/802.11a/10mm/Ch 64/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.316 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.7840

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.092 mW/g

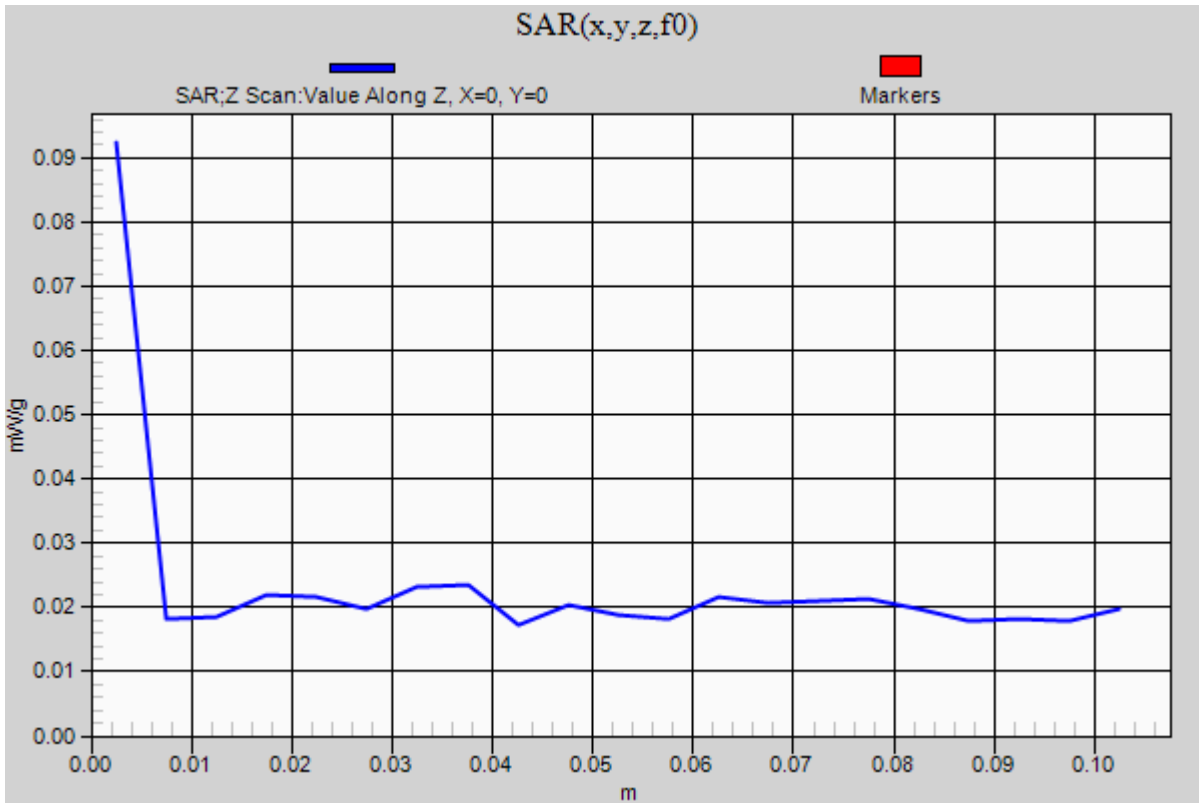


0 dB = 0.090mW/g = -20.92 dB mW/g

## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1

**Body/Front/802.11a/10mm/Ch 64/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.092 mW/g





## WiFi 5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.542$  mho/m;  $\epsilon_r = 47.736$ ;  $\rho = 1000$  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(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 64 with headset/Area Scan (11x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.080 mW/g

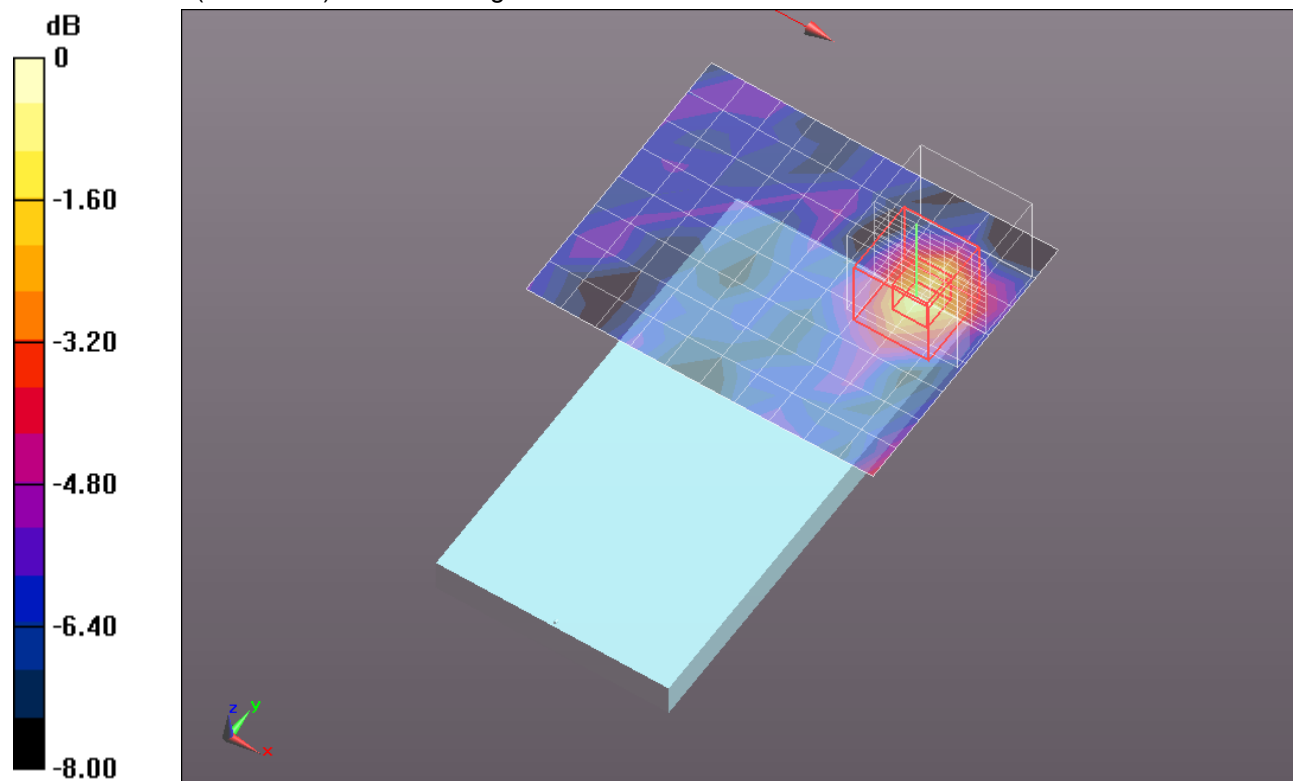
**Body/Front/802.11a/10mm/Ch 64 with headset/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.296 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.6730

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.090mW/g = -20.92 dB mW/g

## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.824$  mho/m;  $\epsilon_r = 47.315$ ;  $\rho = 1000$  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(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 104/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.118 mW/g

**Body/Rear/802.11a/10mm/Ch 104/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

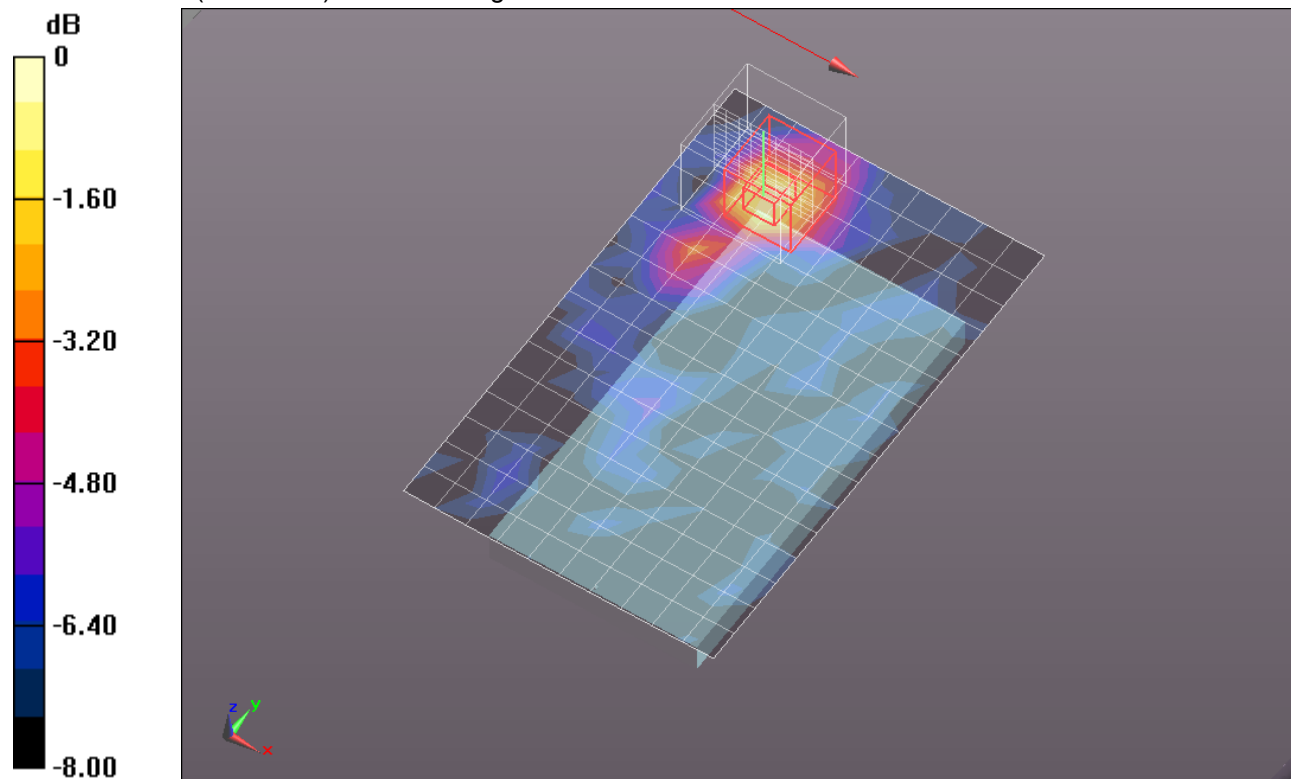
dy=4mm, dz=2.5mm

Reference Value = 2.246 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.2400

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.038 mW/g**

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

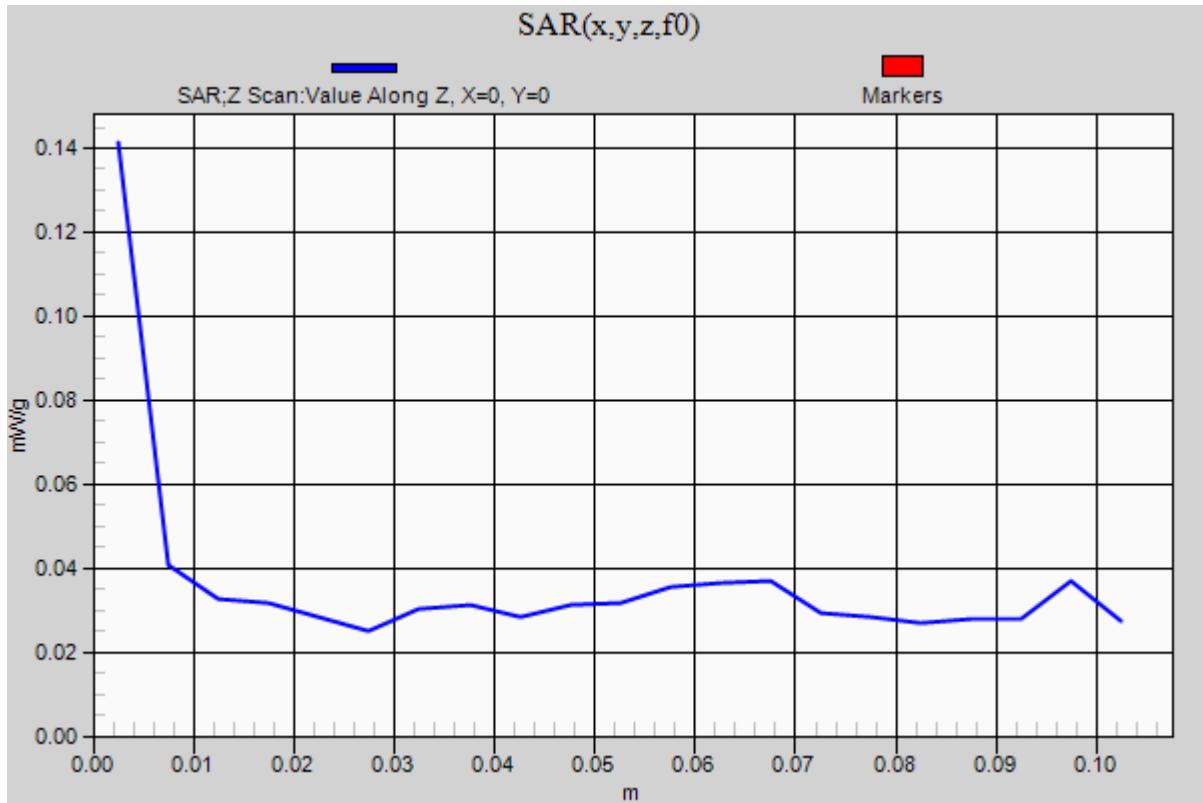


0 dB = 0.140mW/g = -17.08 dB mW/g

## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1

**Body/Rear/802.11a/10mm/Ch 104/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.186 mW/g



## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.794$  mho/m;  $\epsilon_r = 46.951$ ;  $\rho = 1000$  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(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

### Body/Rear/802.11a/10mm/Ch 104 with headset/Area Scan (11x17x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.169 mW/g

### Body/Rear/802.11a/10mm/Ch 104 with headset/Zoom Scan (9x9x13)/Cube 0: Measurement

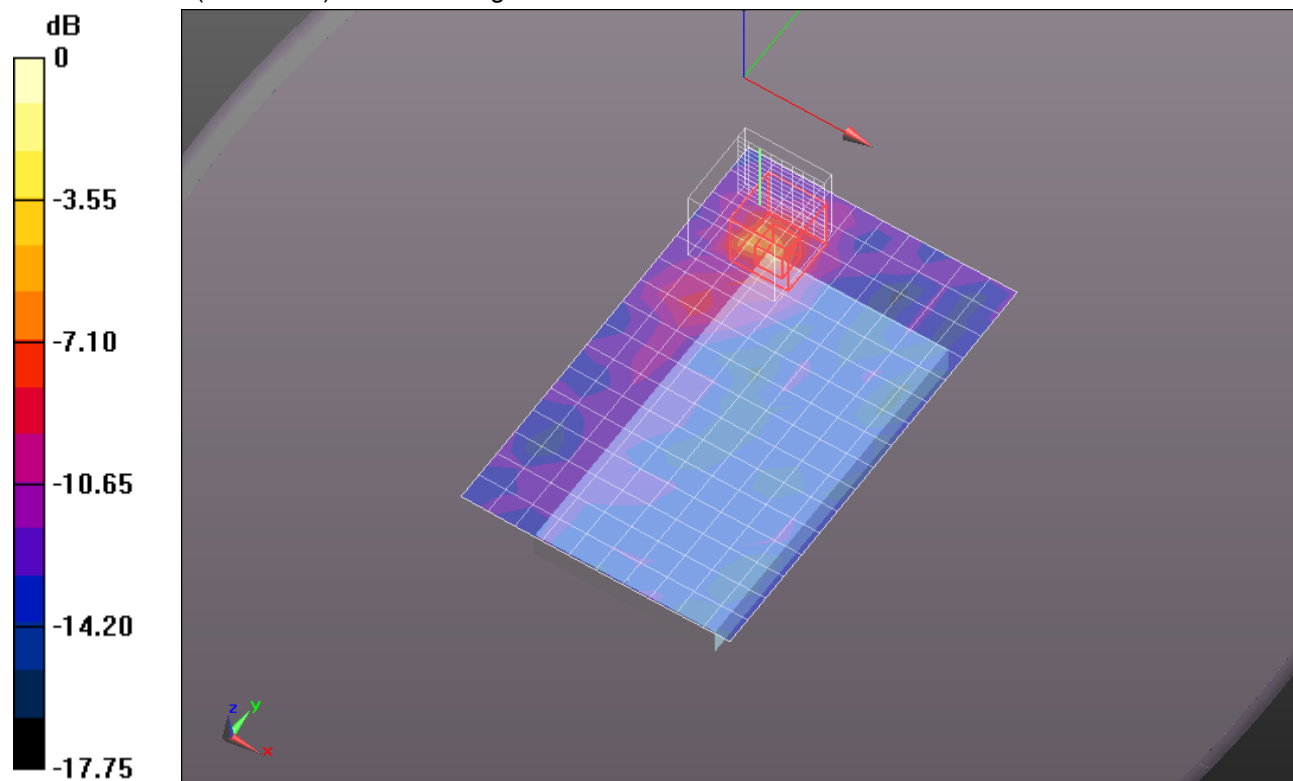
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.728 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.1130

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.574 mW/g



0 dB = 0.570mW/g = -4.88 dB mW/g

## WiFi 5GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.909$  mho/m;  $\epsilon_r = 47.227$ ;  $\rho = 1000$  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(3.44, 3.44, 3.44); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 116/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.139 mW/g

**Body/Rear/802.11a/10mm/Ch 116/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

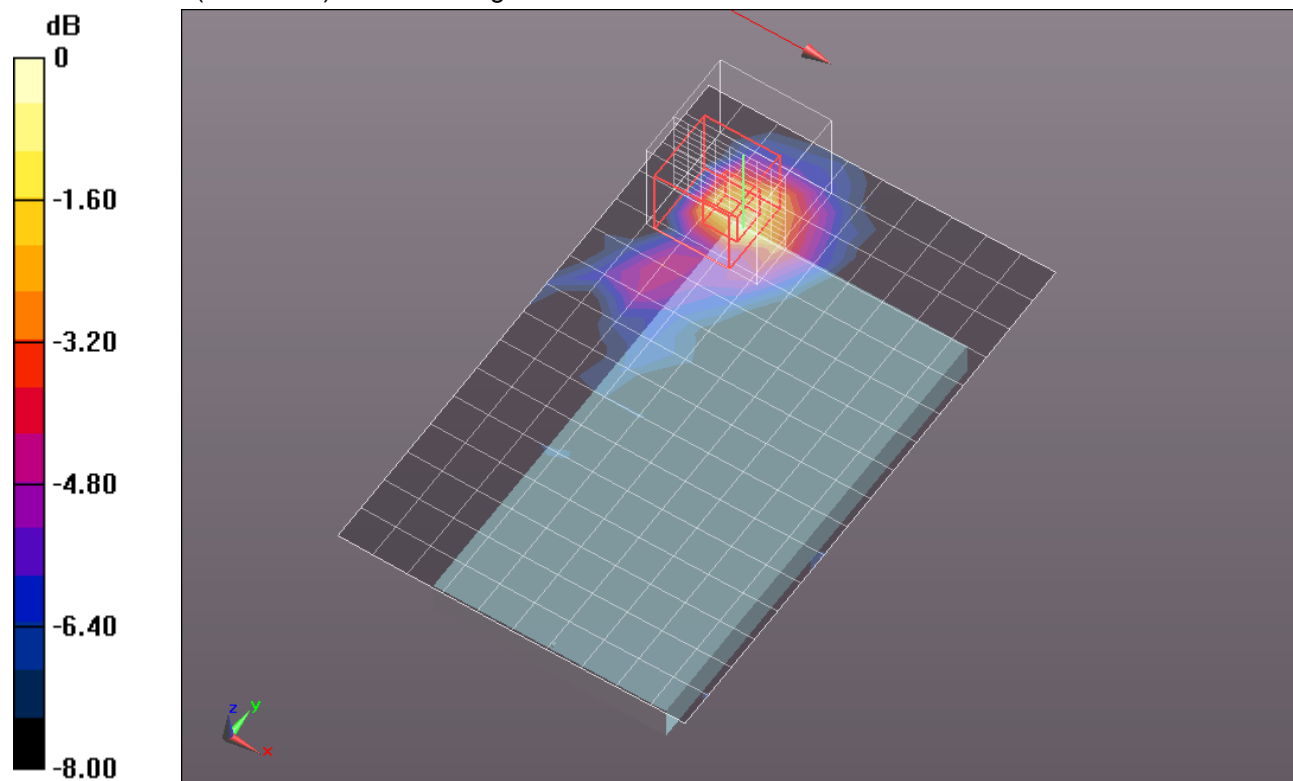
dy=4mm, dz=2.5mm

Reference Value = 2.259 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.3070

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.163 mW/g



0 dB = 0.160mW/g = -15.92 dB mW/g

## WiFi 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.992$  mho/m;  $\epsilon_r = 46.678$ ;  $\rho = 1000$  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(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 132/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.163 mW/g

**Body/Rear/802.11a/10mm/Ch 132/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

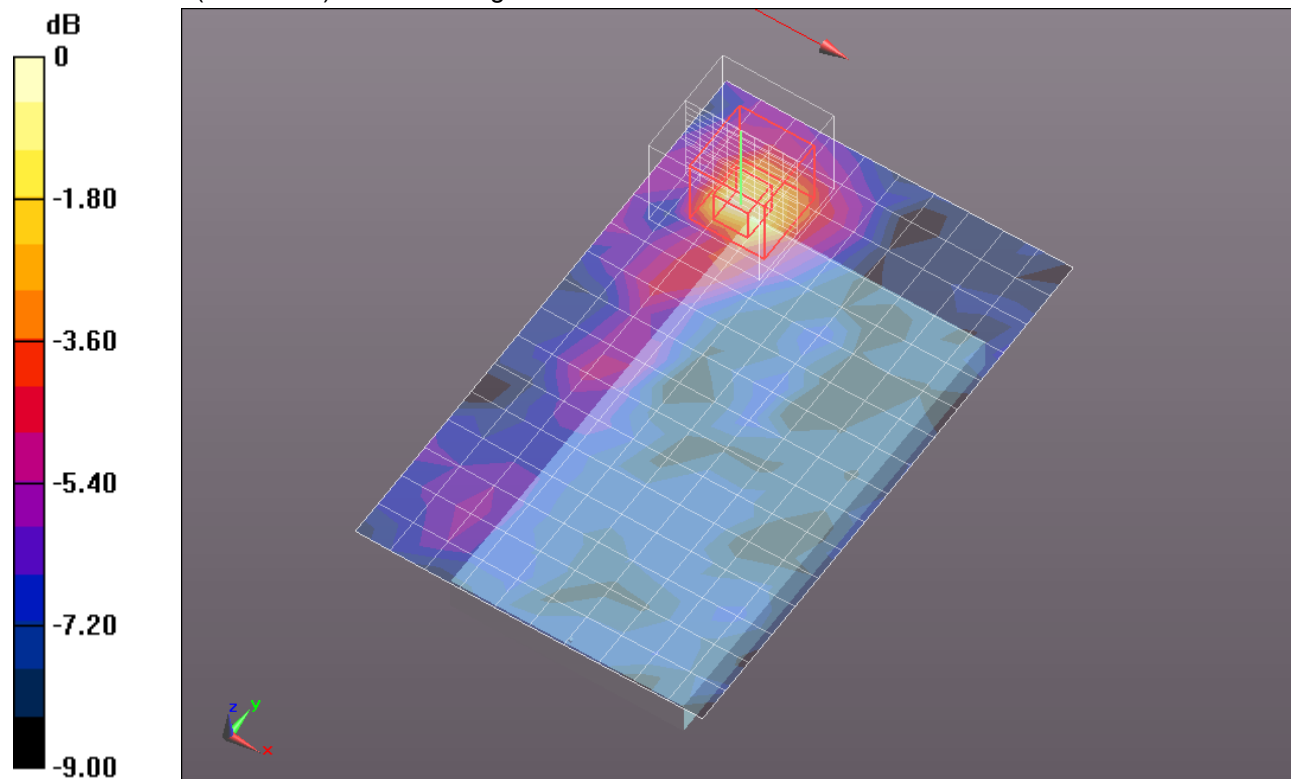
dy=4mm, dz=2.5mm

Reference Value = 5.751 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.4410

**SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g



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

## WiFi 5GHz

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.049$  mho/m;  $\epsilon_r = 47.006$ ;  $\rho = 1000$  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(3.44, 3.44, 3.44); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 136/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.149 mW/g

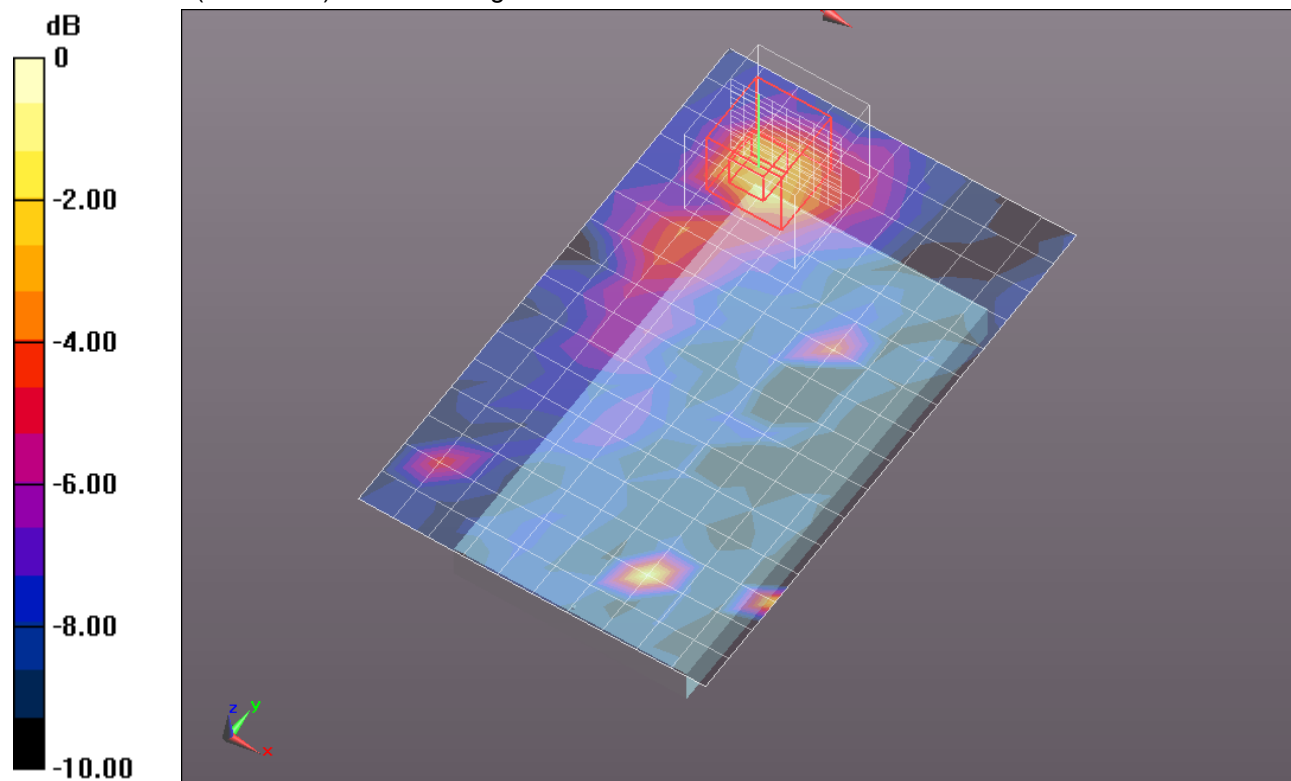
**Body/Rear/802.11a/10mm/Ch 136/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.103 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.6960

**SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.180mW/g = -14.89 dB mW/g



## WiFi 5GHz

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.794$  mho/m;  $\epsilon_r = 46.951$ ;  $\rho = 1000$  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(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 104/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.107 mW/g

**Body/Front/802.11a/10mm/Ch 104/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

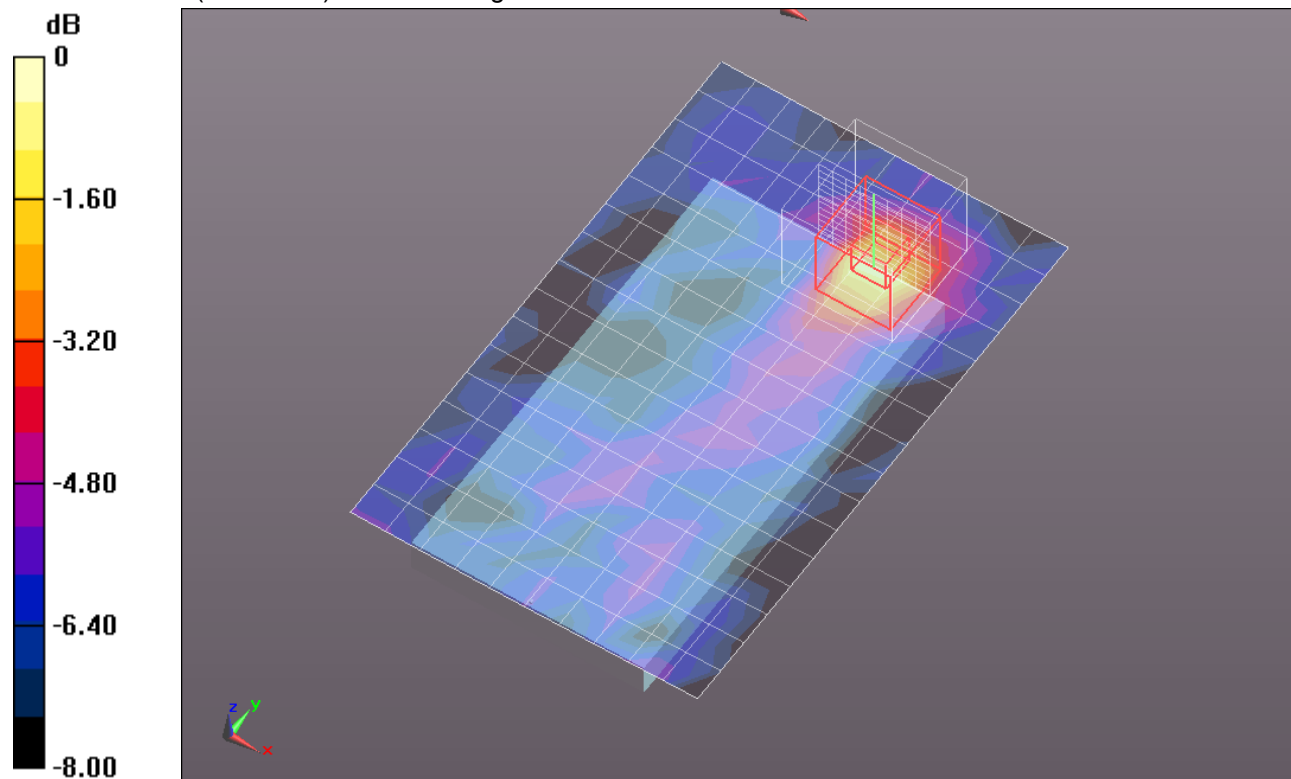
dy=4mm, dz=2.5mm

Reference Value = 4.624 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.7280

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.120mW/g = -18.42 dB mW/g

## WiFi 5GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.881$  mho/m;  $\epsilon_r = 46.856$ ;  $\rho = 1000$  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(3.44, 3.44, 3.44); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 116/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.103 mW/g

**Body/Front/802.11a/10mm/Ch 116/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

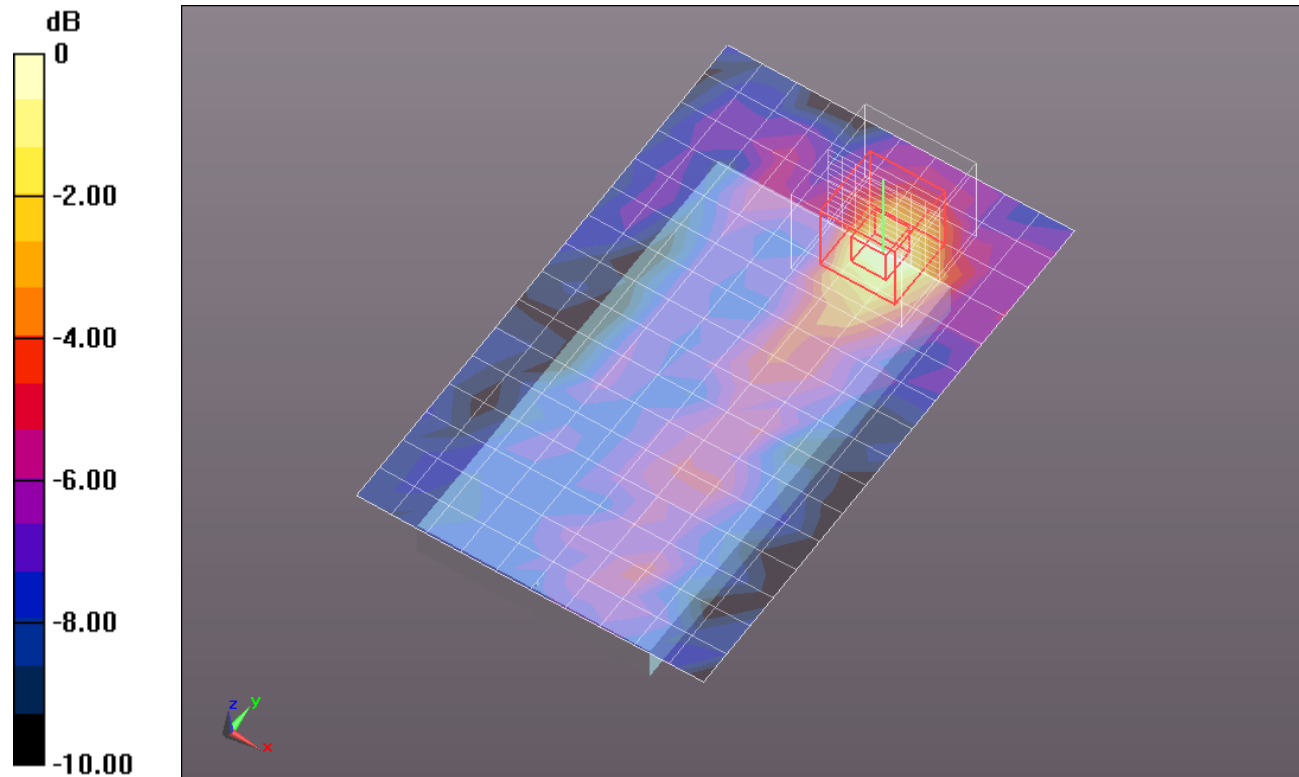
dy=4mm, dz=2.5mm

Reference Value = 4.423 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.2560

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.037 mW/g**

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



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

## WiFi 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.992$  mho/m;  $\epsilon_r = 46.678$ ;  $\rho = 1000$  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(3.44, 3.44, 3.44); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 132/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.083 mW/g

**Body/Front/802.11a/10mm/Ch 132/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

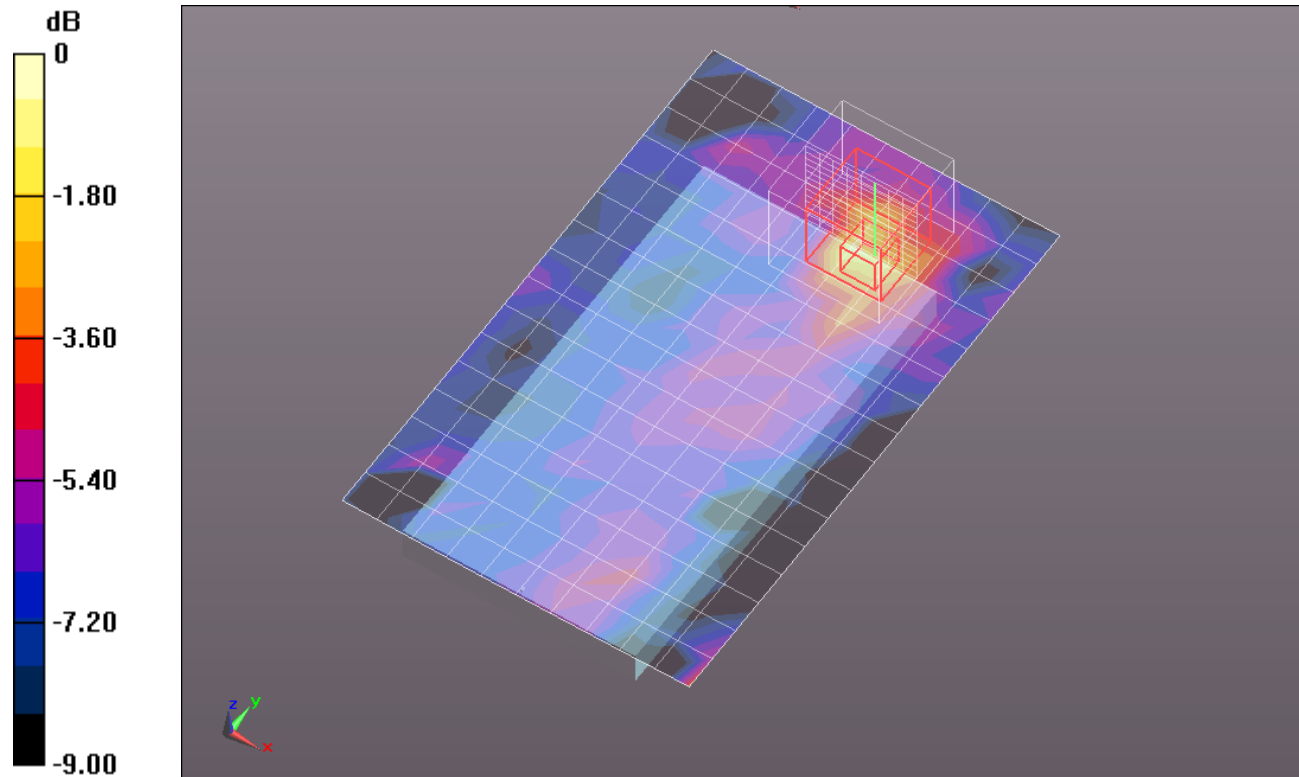
dy=4mm, dz=2.5mm

Reference Value = 4.363 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.7950

**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.103 mW/g



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

## WiFi 5GHz

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.023$  mho/m;  $\epsilon_r = 46.639$ ;  $\rho = 1000$  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(3.44, 3.44, 3.44); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 136/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.084 mW/g

**Body/Front/802.11a/10mm/Ch 136/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm,

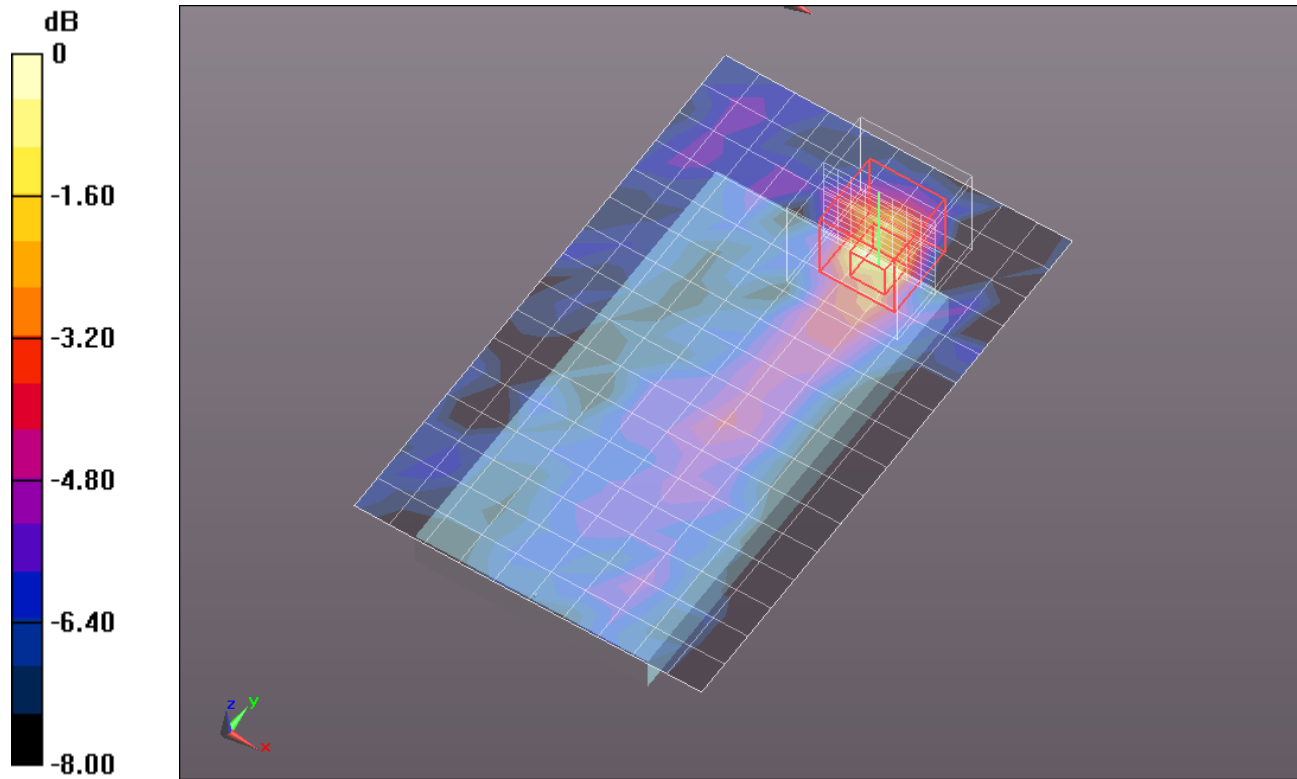
dy=4mm, dz=2.5mm

Reference Value = 4.054 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.3310

**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g



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

## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.122$  mho/m;  $\epsilon_r = 46.556$ ;  $\rho = 1000$  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(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 149/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.240 mW/g

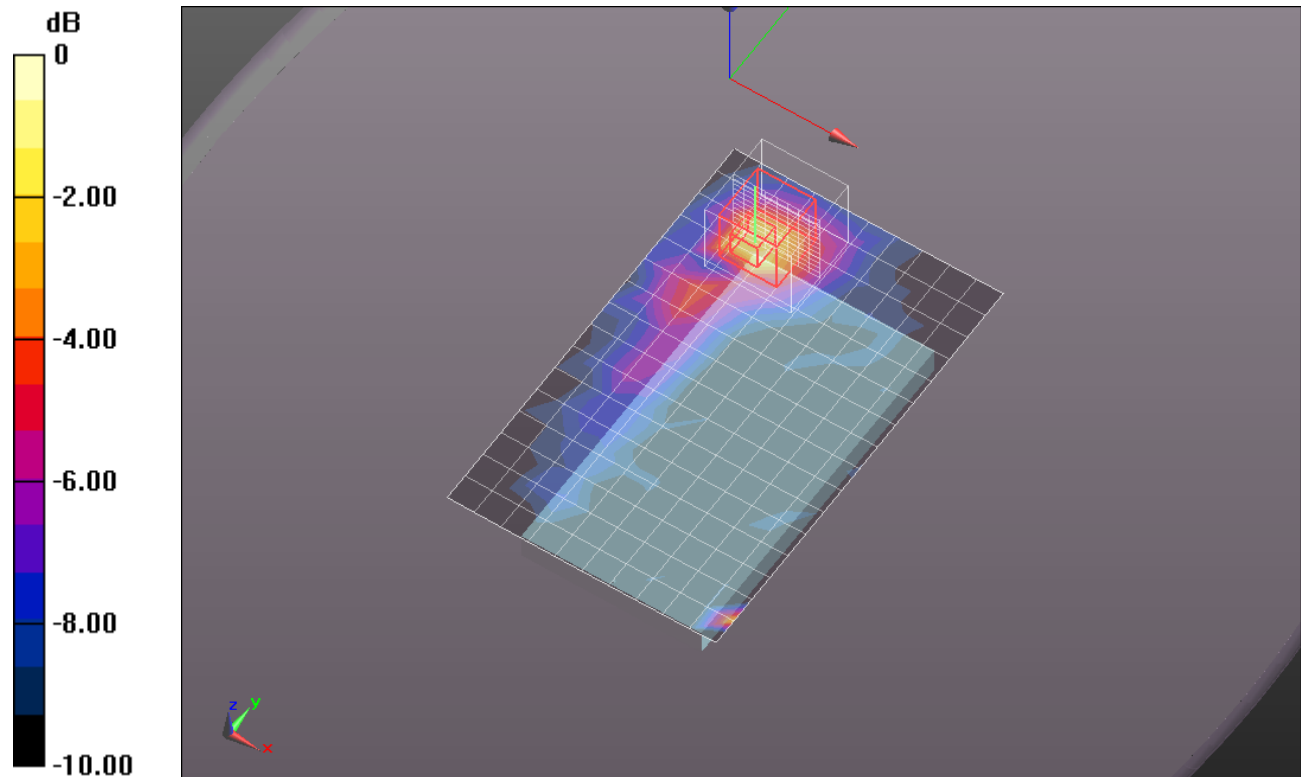
**Body/Rear/802.11a/10mm/Ch 149/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.689 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.5700

**SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.082 mW/g**

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

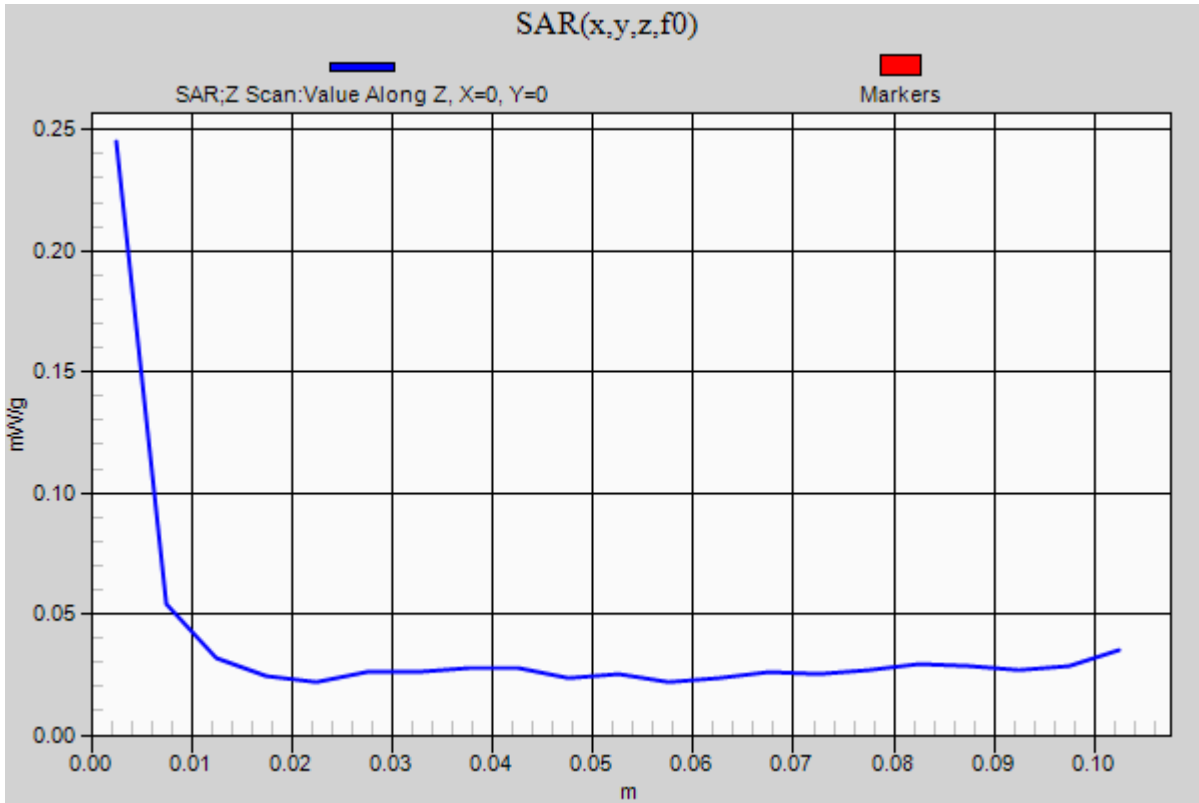


0 dB = 0.310mW/g = -10.17 dB mW/g

## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1

**Body/Rear/802.11a/10mm/Ch 149/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.245 mW/g



## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.122$  mho/m;  $\epsilon_r = 46.556$ ;  $\rho = 1000$  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(3.57, 3.57, 3.57); 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 (B); Type: QDOVA001BB; Serial: 1118

### Body/Rear/802.11a/10mm/Ch 149 with headset/Area Scan (11x17x1): Measurement grid:

$dx=10$ mm,  $dy=10$ mm

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

### Body/Rear/802.11a/10mm/Ch 149 with headset/Zoom Scan (9x9x13)/Cube 0: Measurement grid:

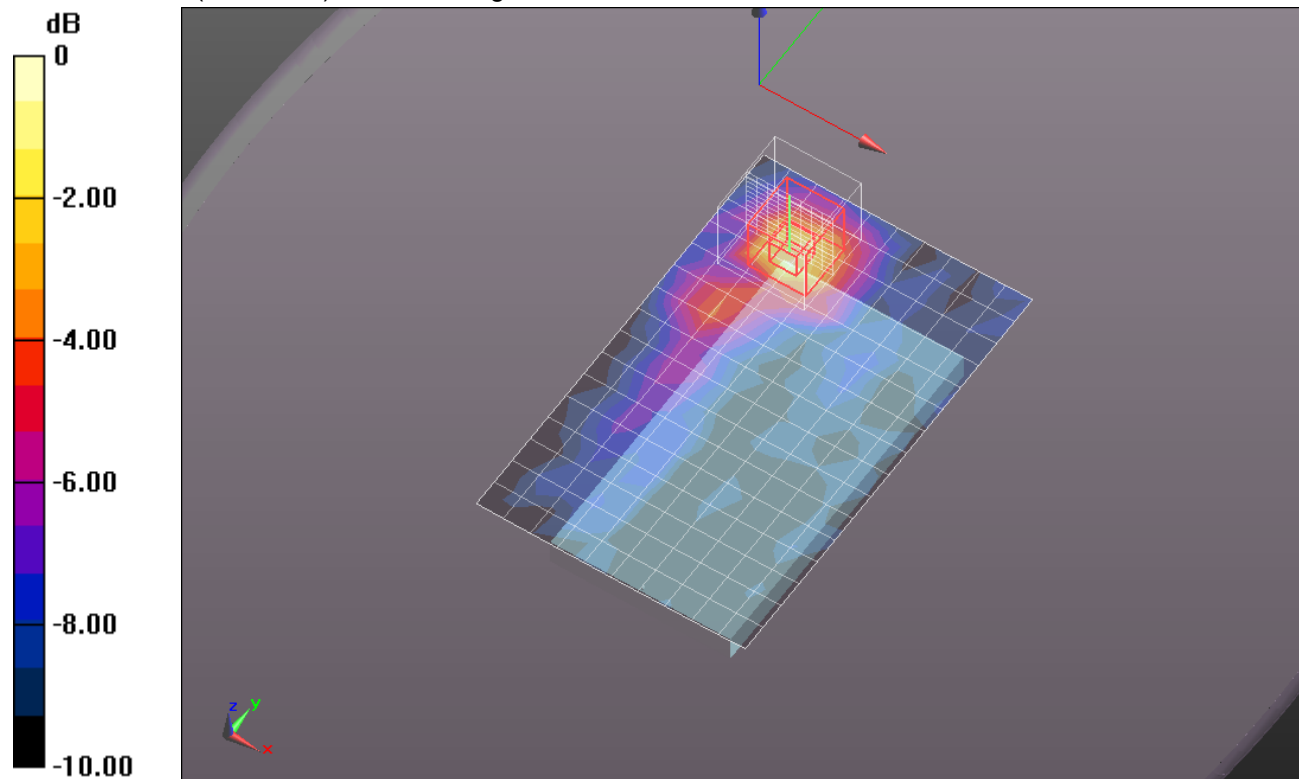
$dx=4$ mm,  $dy=4$ mm,  $dz=2.5$ mm

Reference Value = 6.753 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.5550

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.075 mW/g**

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



0 dB = 0.260mW/g = -11.70 dB mW/g



## WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.174$  mho/m;  $\epsilon_r = 46.481$ ;  $\rho = 1000$  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(3.57, 3.57, 3.57); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 157/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.212 mW/g

**Body/Rear/802.11a/10mm/Ch 157/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

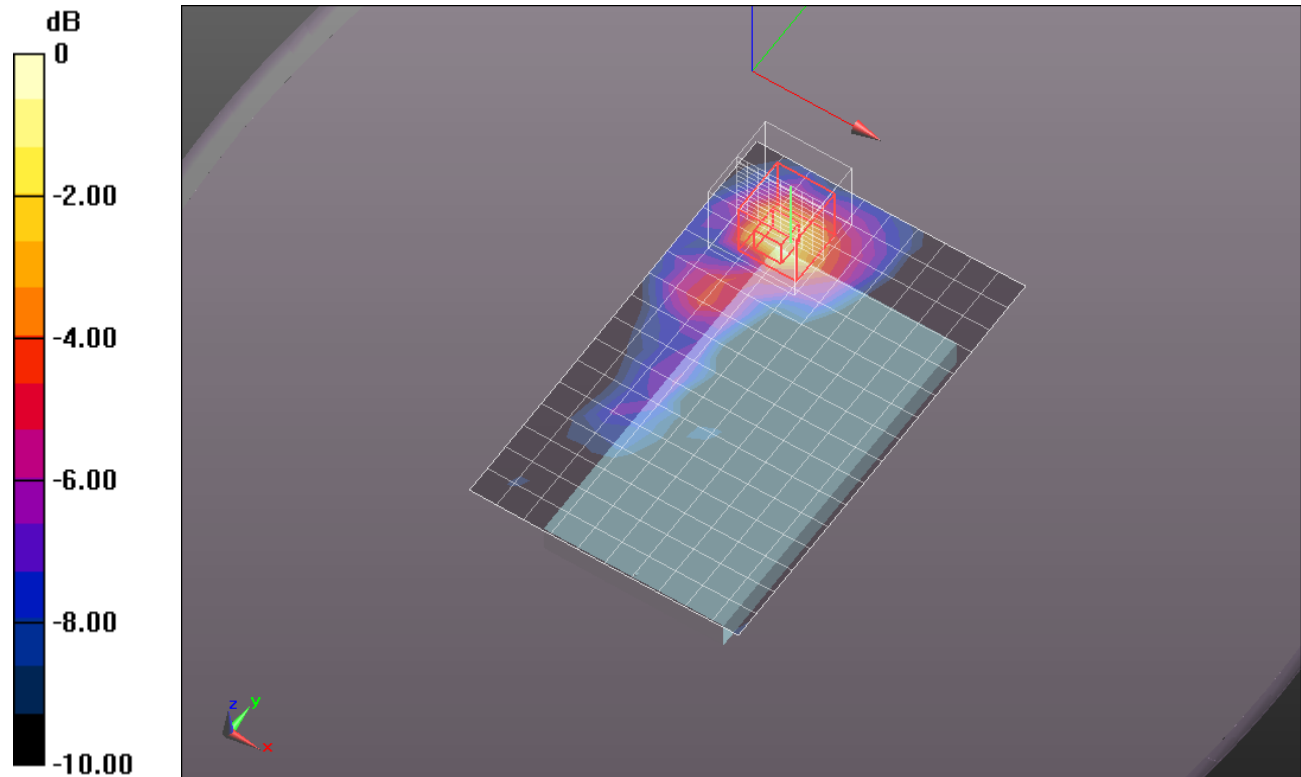
Reference Value = 6.335 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.5780

Peak SAR (extrapolated) = 0.5780

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.068 mW/g**

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



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

## WiFi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.229$  mho/m;  $\epsilon_r = 46.395$ ;  $\rho = 1000$  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(3.57, 3.57, 3.57); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Rear/802.11a/10mm/Ch 165/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.193 mW/g

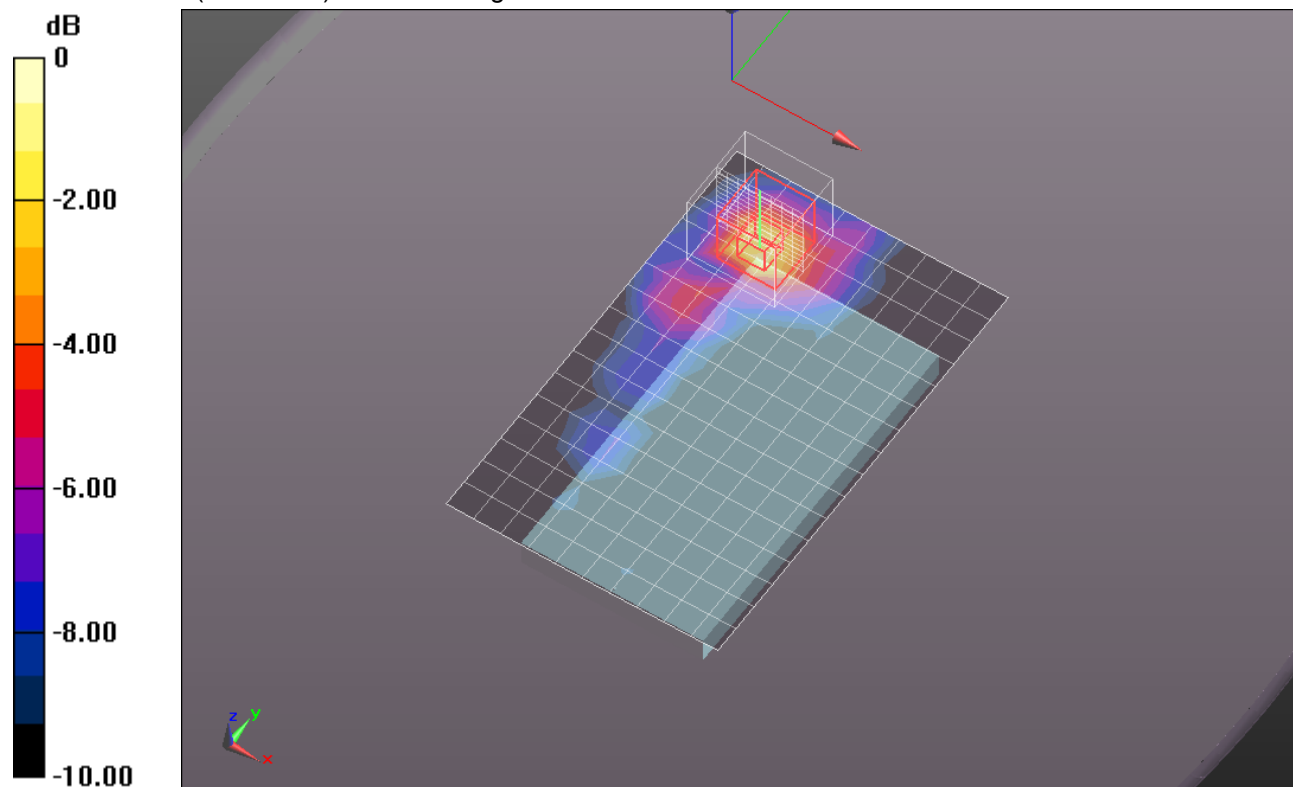
**Body/Rear/802.11a/10mm/Ch 165/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.277 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.6100

**SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.066 mW/g**

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



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

## WiFi 5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.122$  mho/m;  $\epsilon_r = 46.556$ ;  $\rho = 1000$  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(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 149/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.120 mW/g

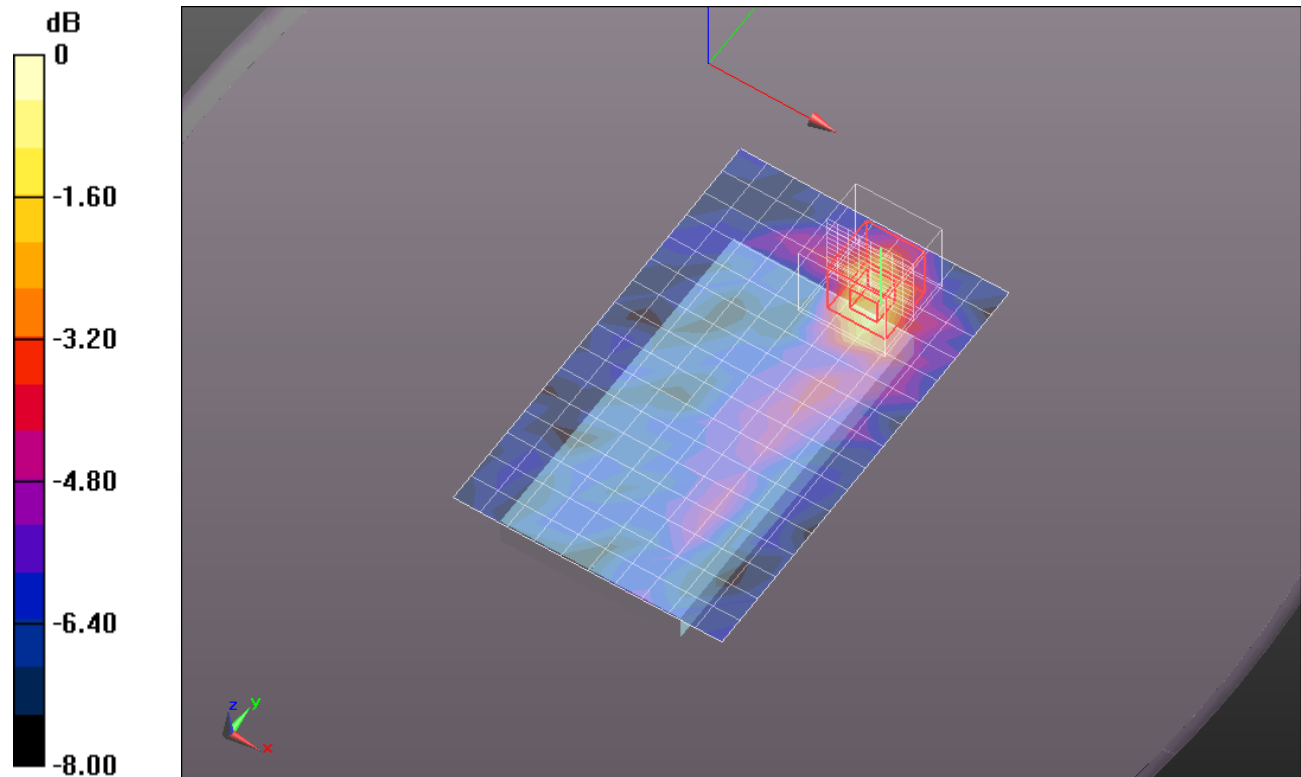
**Body/Front/802.11a/10mm/Ch 149/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.751 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.2860

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.141 mW/g



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

## WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.174$  mho/m;  $\epsilon_r = 46.481$ ;  $\rho = 1000$  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(3.57, 3.57, 3.57); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 157/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.102 mW/g

**Body/Front/802.11a/10mm/Ch 157/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

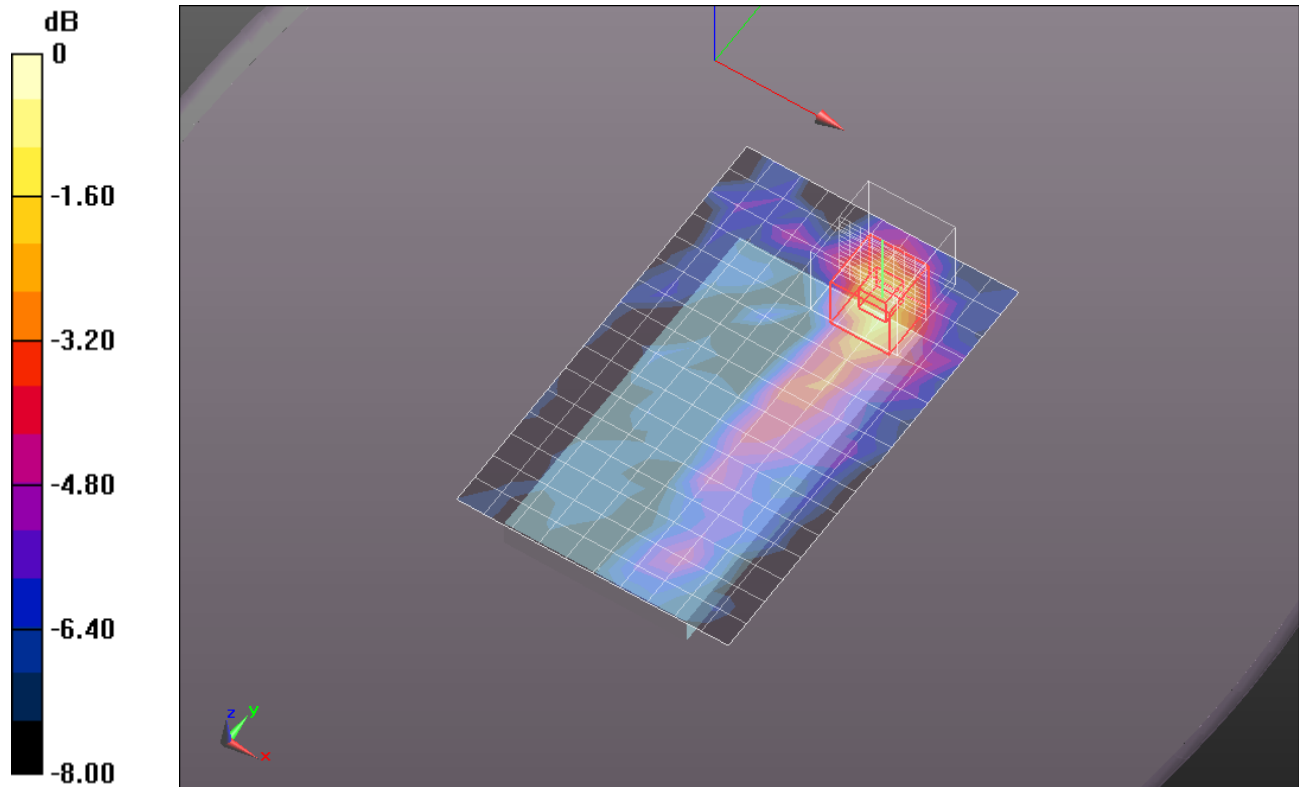
Reference Value = 4.412 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.9330

Peak SAR (extrapolated) = 0.9330

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.123 mW/g



0 dB = 0.120mW/g = -18.42 dB mW/g

## WiFi 5GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.229$  mho/m;  $\epsilon_r = 46.395$ ;  $\rho = 1000$  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(3.57, 3.57, 3.57); 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 (B); Type: QDOVA001BB; Serial: 1118

**Body/Front/802.11a/10mm/Ch 165/Area Scan (11x17x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.107 mW/g

**Body/Front/802.11a/10mm/Ch 165/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

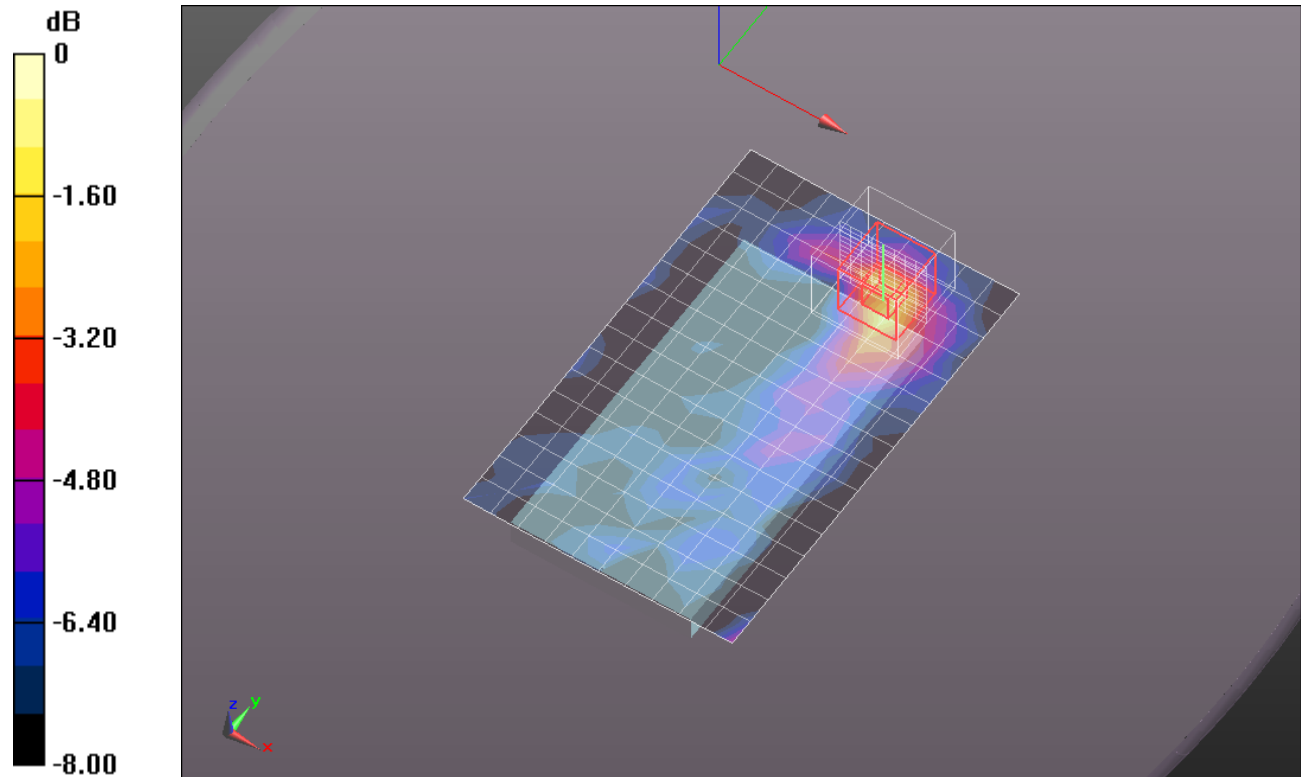
Reference Value = 4.413 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.4980

Peak SAR (extrapolated) = 0.4980

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g