

### SystemPerformanceCheck-D835V2 SN 4d117

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 1.007 \text{ S/m}$ ;  $\epsilon_r = 53.674$ ;  $\rho = 1000 \text{ kg/m}^3$   
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

#### Body/Pin=100 mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 34.704 V/m; Power Drift = 0.01 dB

**Fast SAR: SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.663 W/kg**

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

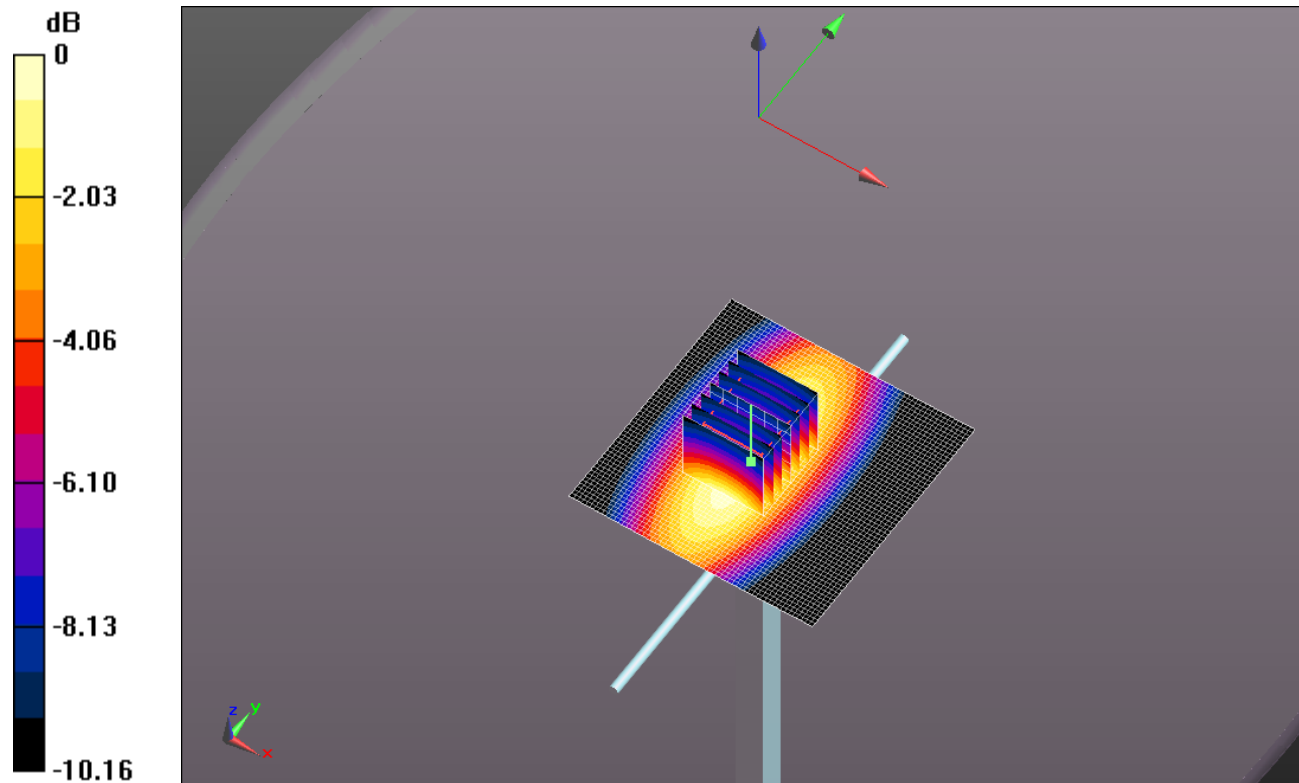
#### Body/Pin=100 mW 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.704 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.649 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg

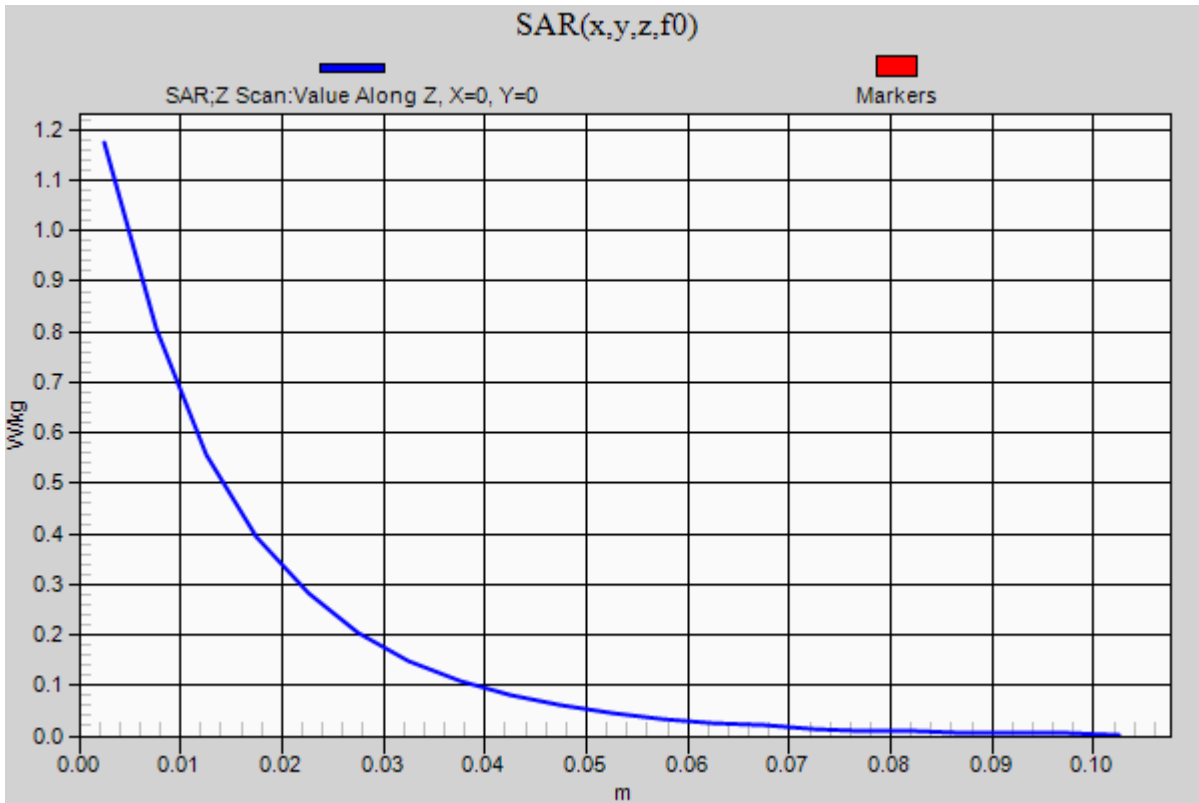


0 dB = 1.19 W/kg = 0.76 dBW/kg

### SystemPerformanceCheck-D835V2 SN 4d117

Frequency: 835 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.17 W/kg



## 20140505\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.177$  S/m;  $\epsilon_r = 36.312$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(4.28, 4.28, 4.28); Calibrated: 1/29/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**Head/5.8 GHz, Pin=100mW/Area Scan (61x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 51.601 V/m; Power Drift = 0.08 dB

**Fast SAR: SAR(1 g) = 6.79 W/kg; SAR(10 g) = 1.86 W/kg**

Maximum value of SAR (interpolated) = 19.0 W/kg

**Head/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

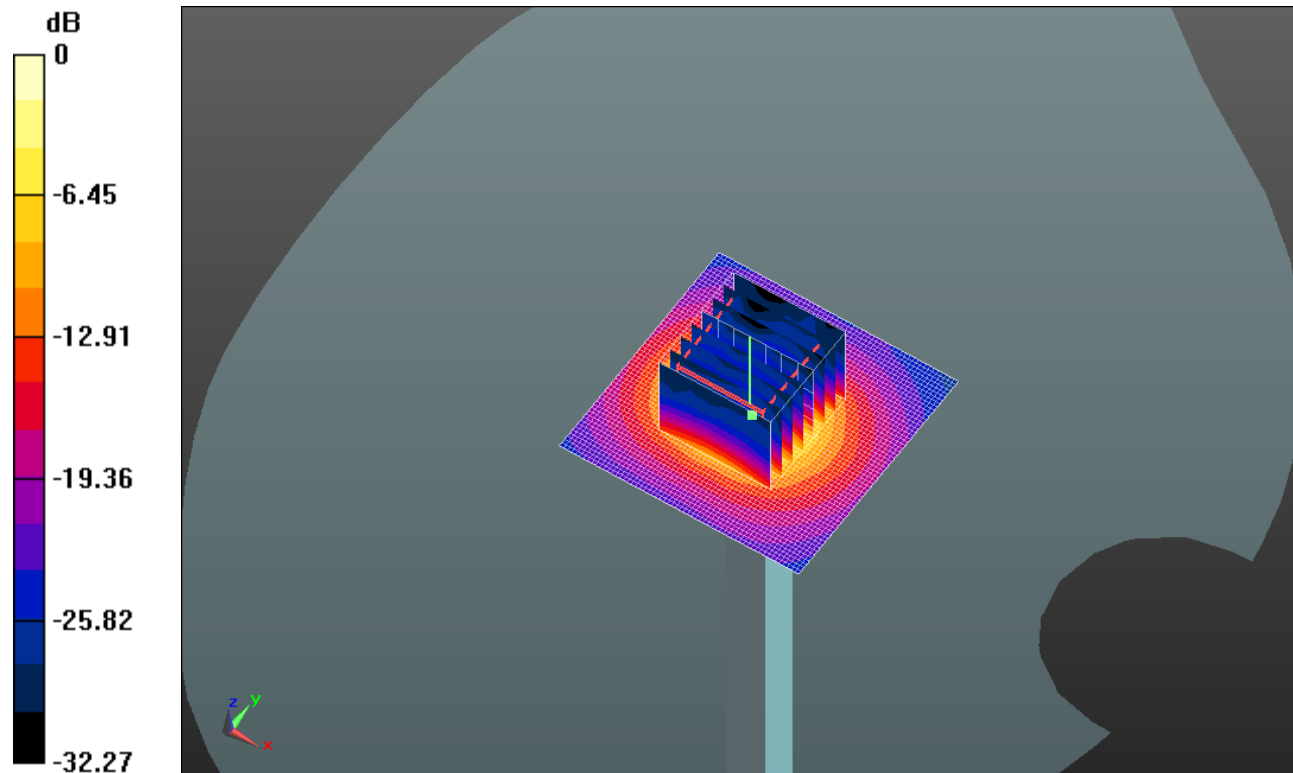
dz=1.4mm

Reference Value = 51.601 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 33.5 W/kg

**SAR(1 g) = 7.29 W/kg; SAR(10 g) = 2.08 W/kg**

Maximum value of SAR (measured) = 18.0 W/kg

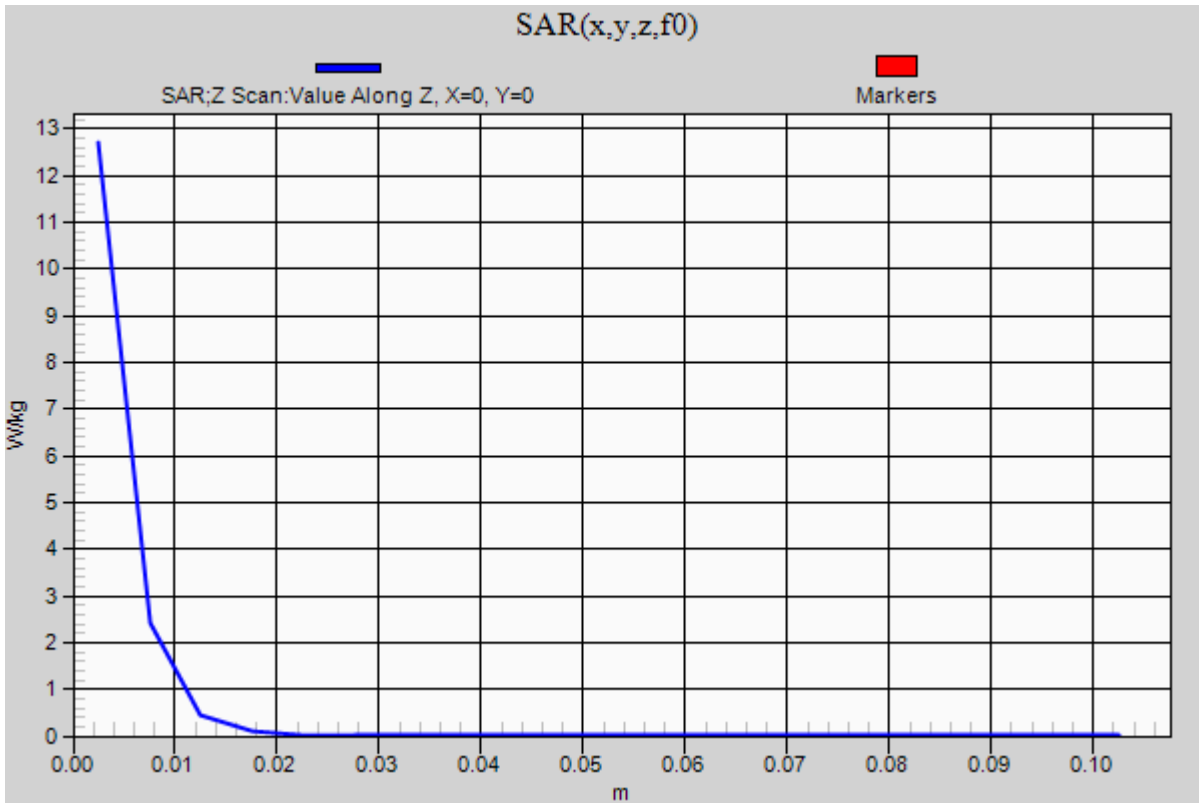


0 dB = 18.0 W/kg = 12.55 dBW/kg

### 20140505\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

**Head/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 12.7 W/kg



## 20140408 SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.491 \text{ S/m}$ ;  $\epsilon_r = 51.797$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Body/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 62.430 V/m; Power Drift = 0.07 dB

**Fast SAR: SAR(1 g) = 4.26 W/kg; SAR(10 g) = 2.14 W/kg**

Maximum value of SAR (interpolated) = 5.70 W/kg

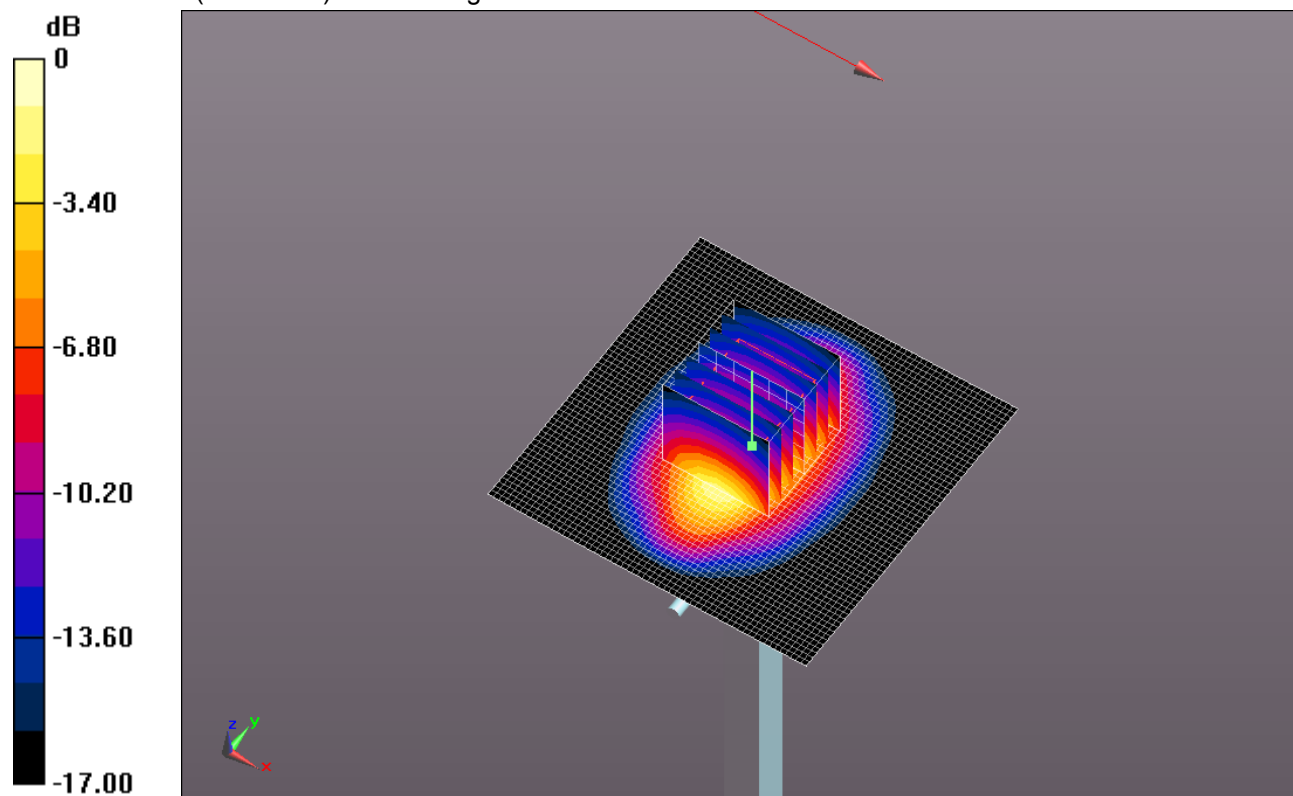
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 62.430 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 7.62 W/kg

**SAR(1 g) = 4.25 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 5.73 W/kg

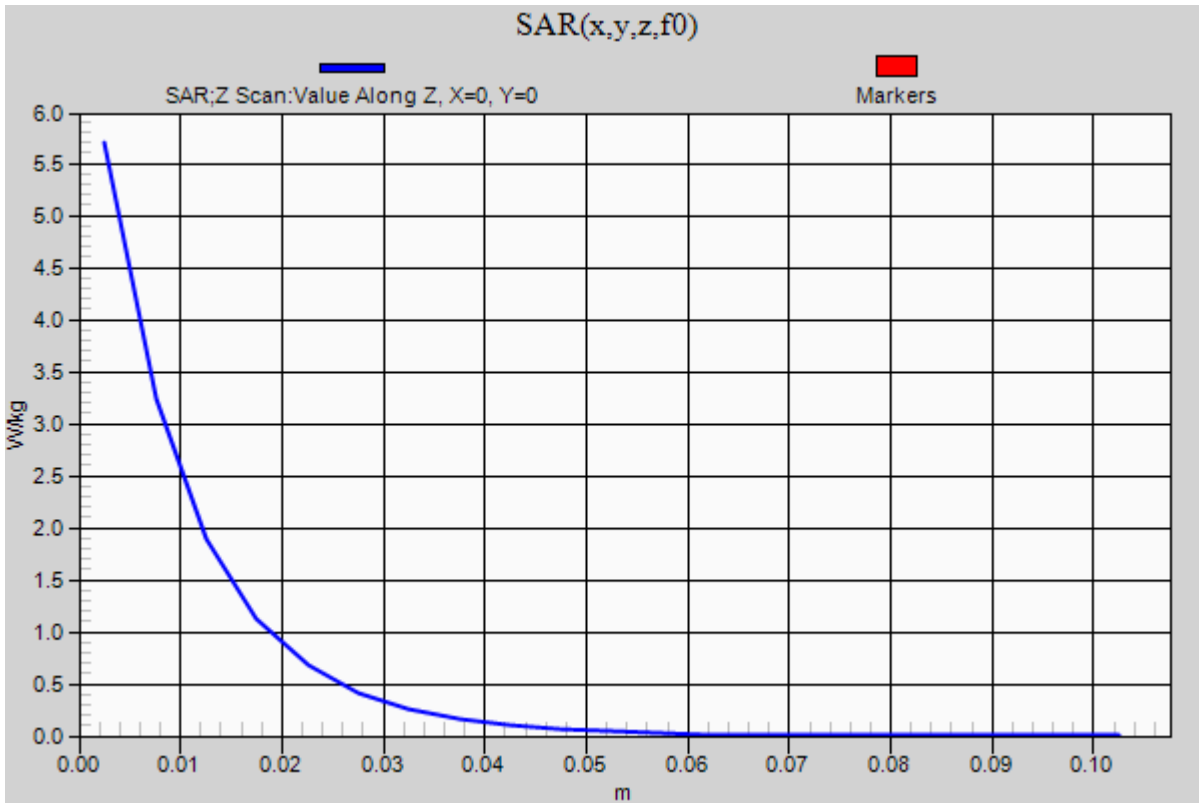


0 dB = 5.73 W/kg = 7.58 dBW/kg

### 20140408 SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 5.70 W/kg



## 20140411\_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 2.023 \text{ S/m}$ ;  $\epsilon_r = 51.553$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2014
- Probe: EX3DV4 - SN3686; ConvF(6.79, 6.79, 6.79); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Body/Pin=100 mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 65.884 V/m; Power Drift = 0.01 dB

**Fast SAR: SAR(1 g) = 5.46 W/kg; SAR(10 g) = 2.35 W/kg**

Maximum value of SAR (interpolated) = 8.03 W/kg

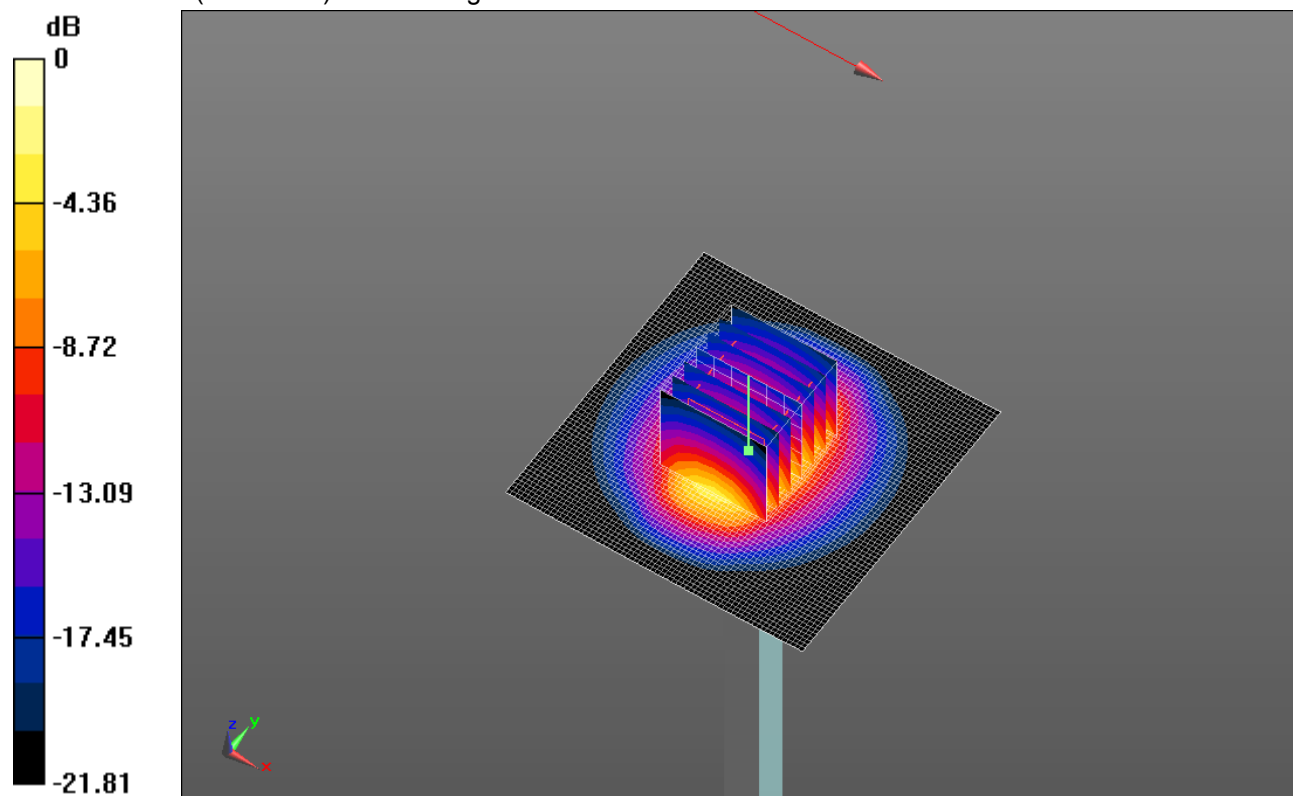
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.884 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 11.3 W/kg

**SAR(1 g) = 5.5 W/kg; SAR(10 g) = 2.55 W/kg**

Maximum value of SAR (measured) = 7.82 W/kg

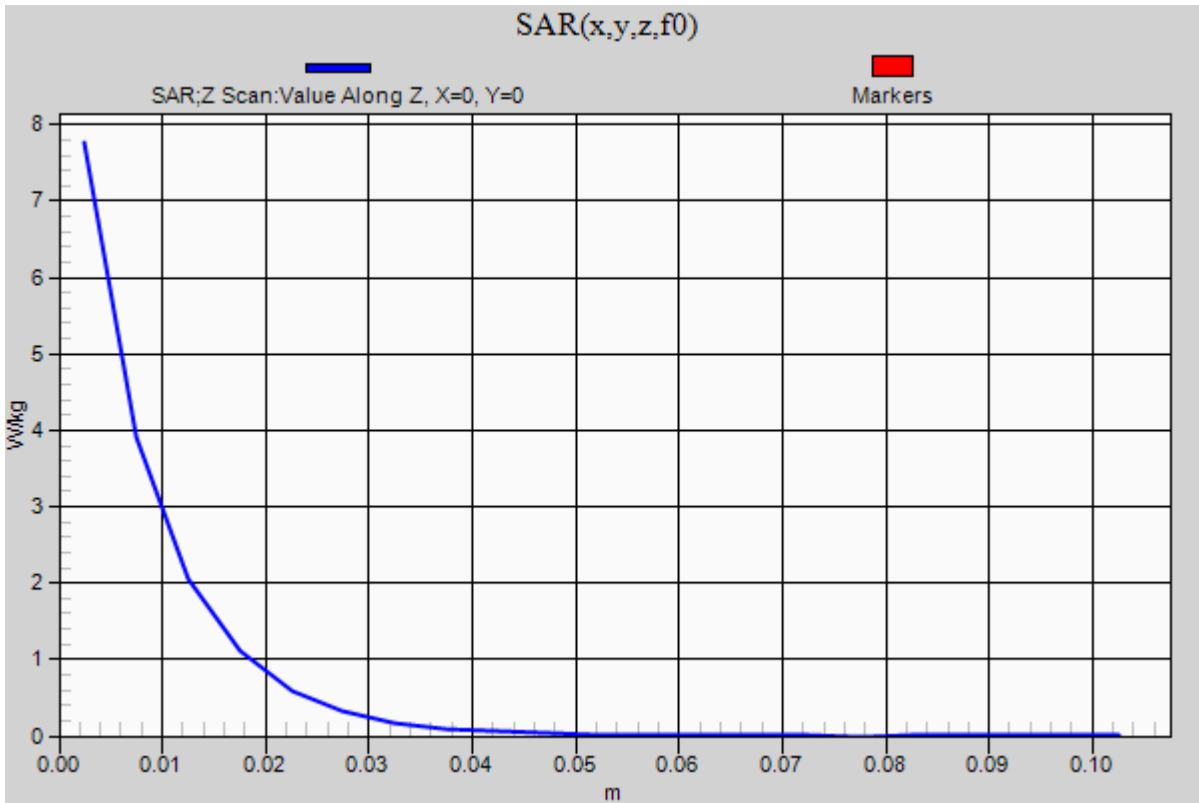


0 dB = 7.82 W/kg = 8.93 dBW/kg

### 20140411\_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 7.76 W/kg





## 20140425\_SystemPerformanceCheck-D2600V2 SN 1036

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.018$  S/m;  $\epsilon_r = 38.285$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2014
- Probe: EX3DV4 - SN3686; ConvF(6.72, 6.72, 6.72); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

**Head/Pin=100 mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 66.677 V/m; Power Drift = -0.06 dB

**Fast SAR: SAR(1 g) = 6.34 W/kg; SAR(10 g) = 2.84 W/kg**

Maximum value of SAR (interpolated) = 9.06 W/kg

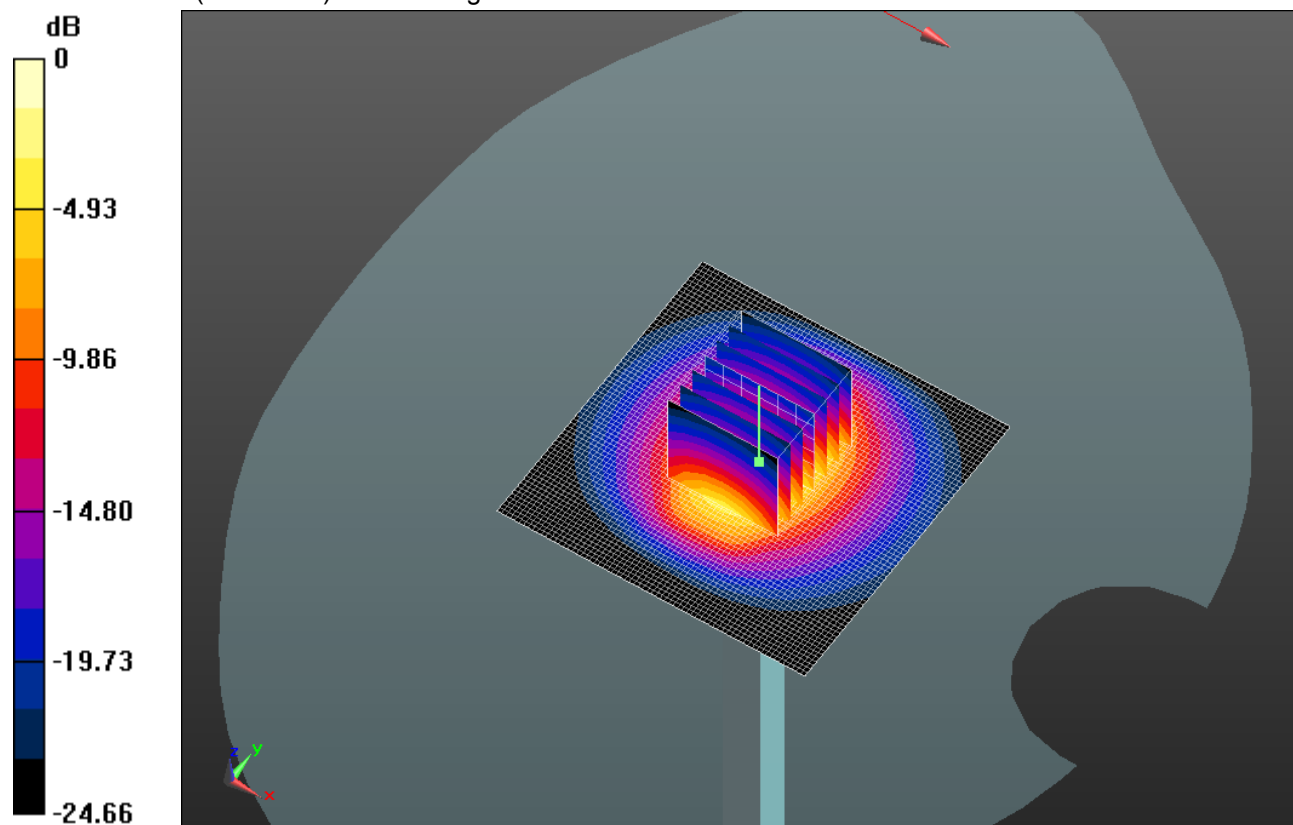
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 66.677 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 13.8 W/kg

**SAR(1 g) = 6.16 W/kg; SAR(10 g) = 2.7 W/kg**

Maximum value of SAR (measured) = 9.01 W/kg

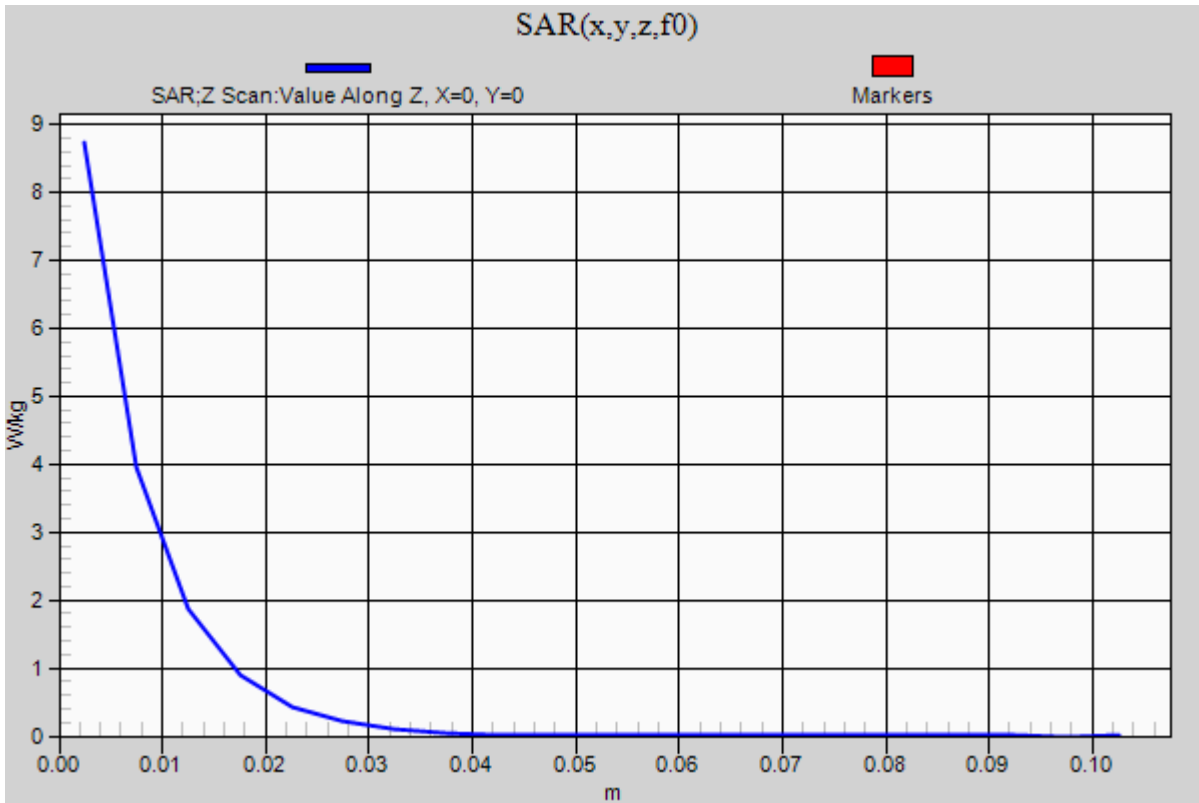


0 dB = 9.01 W/kg = 9.55 dBW/kg

### 20140425\_SystemPerformanceCheck-D2600V2 SN 1036

Frequency: 2600 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 8.73 W/kg



## 2040416\_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.269$  S/m;  $\epsilon_r = 48.349$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(4.27, 4.27, 4.27); Calibrated: 9/18/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

### Body/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 51.579 V/m; Power Drift = 0.10 dB

**Fast SAR: SAR(1 g) = 6.5 W/kg; SAR(10 g) = 1.77 W/kg**

Maximum value of SAR (interpolated) = 17.1 W/kg

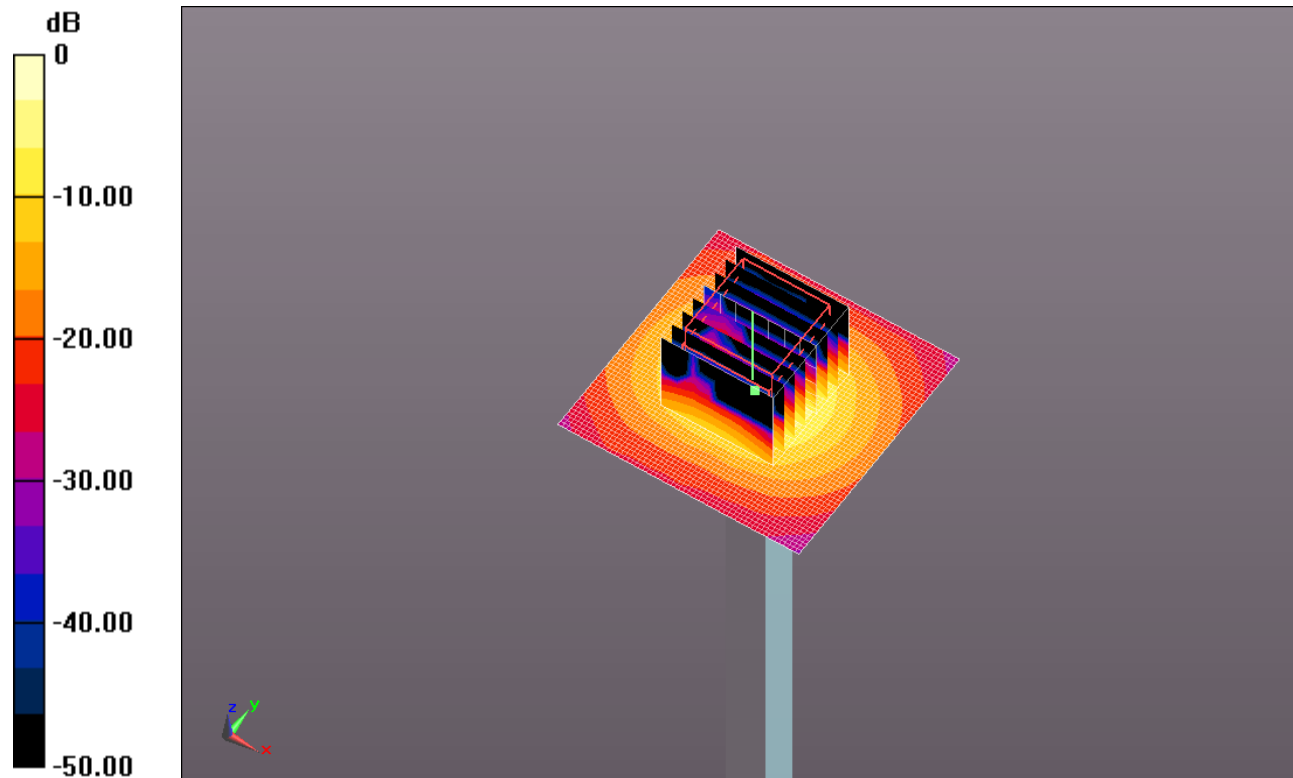
### Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.579 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 26.0 W/kg

**SAR(1 g) = 6.89 W/kg; SAR(10 g) = 1.94 W/kg**

Maximum value of SAR (measured) = 15.8 W/kg

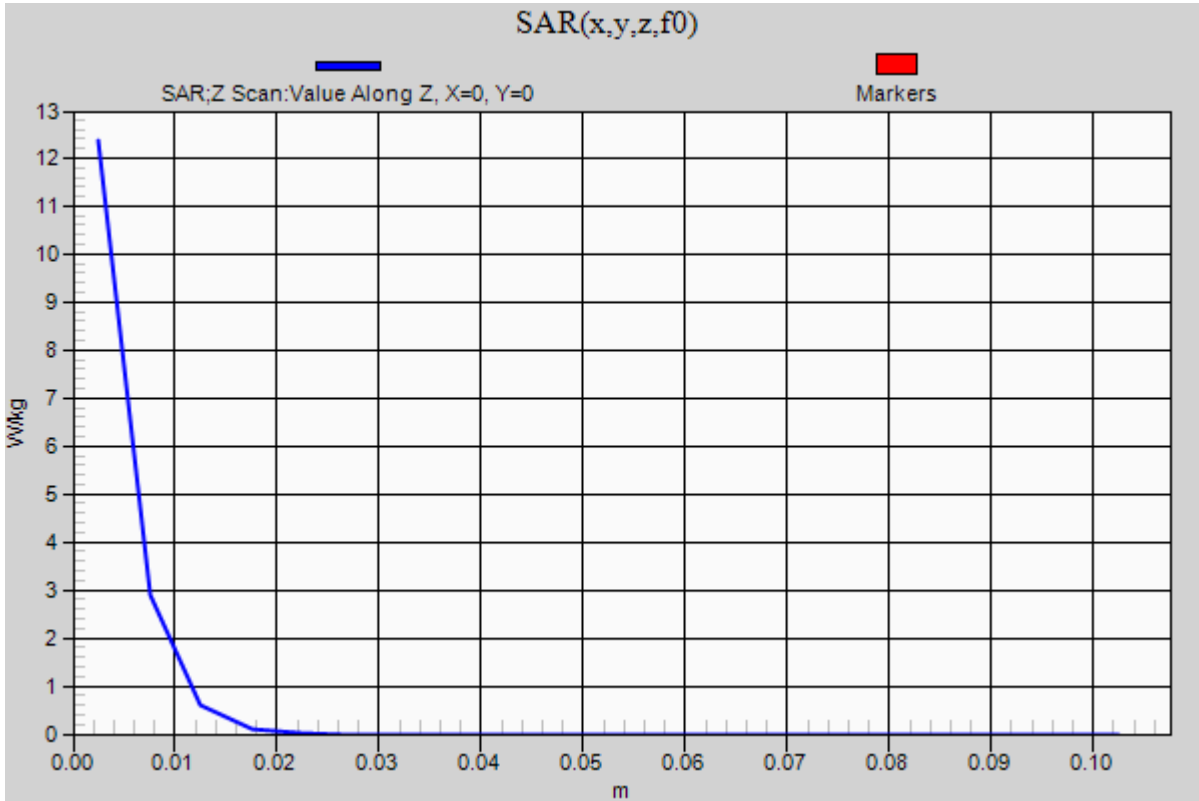


0 dB = 15.8 W/kg = 11.99 dBW/kg

### 2040416\_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 12.4 W/kg



## 20140514\_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.237$  S/m;  $\epsilon_r = 36.483$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(4.92, 4.92, 4.92); Calibrated: 4/15/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**Head/5.8 GHz, Pin=100mW/Area Scan (61x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 53.178 V/m; Power Drift = -0.07 dB

**Fast SAR: SAR(1 g) = 7.27 W/kg; SAR(10 g) = 1.98 W/kg**

Maximum value of SAR (interpolated) = 20.3 W/kg

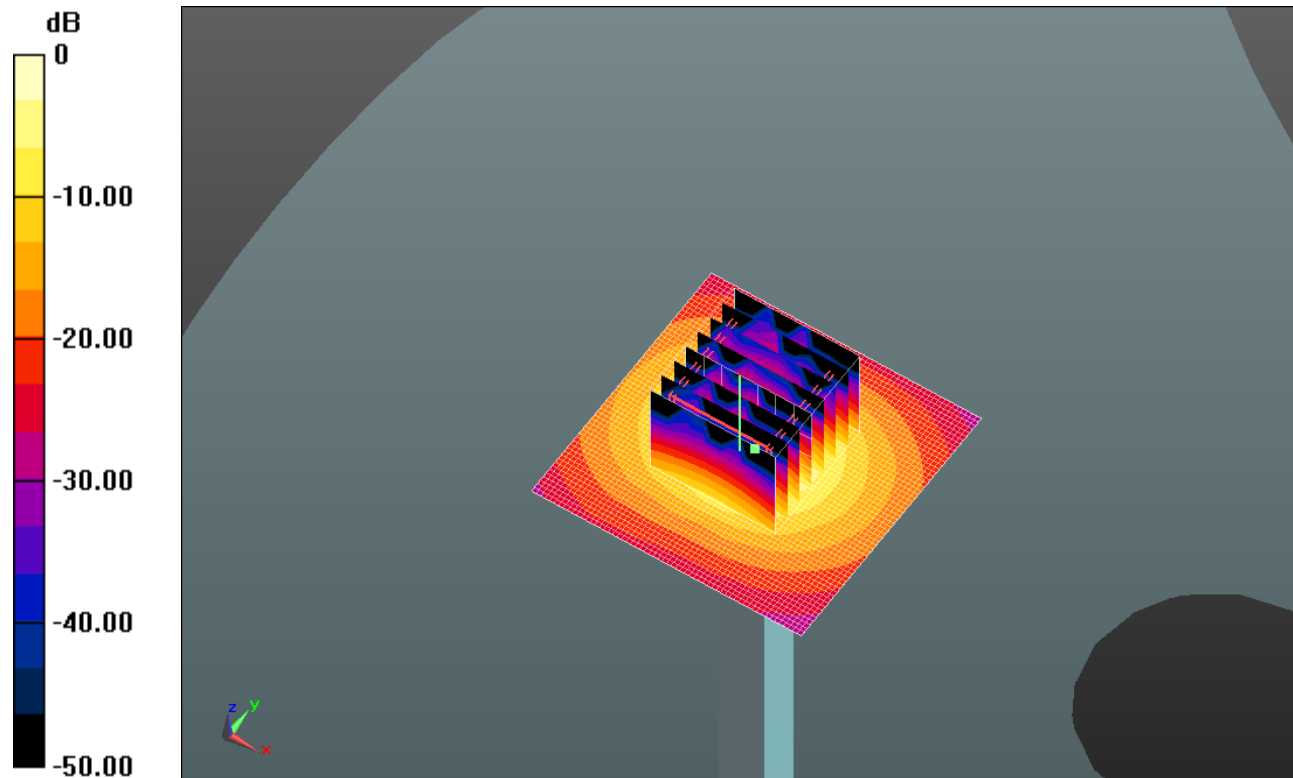
**Head/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.178 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 35.7 W/kg

**SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.22 W/kg**

Maximum value of SAR (measured) = 19.2 W/kg

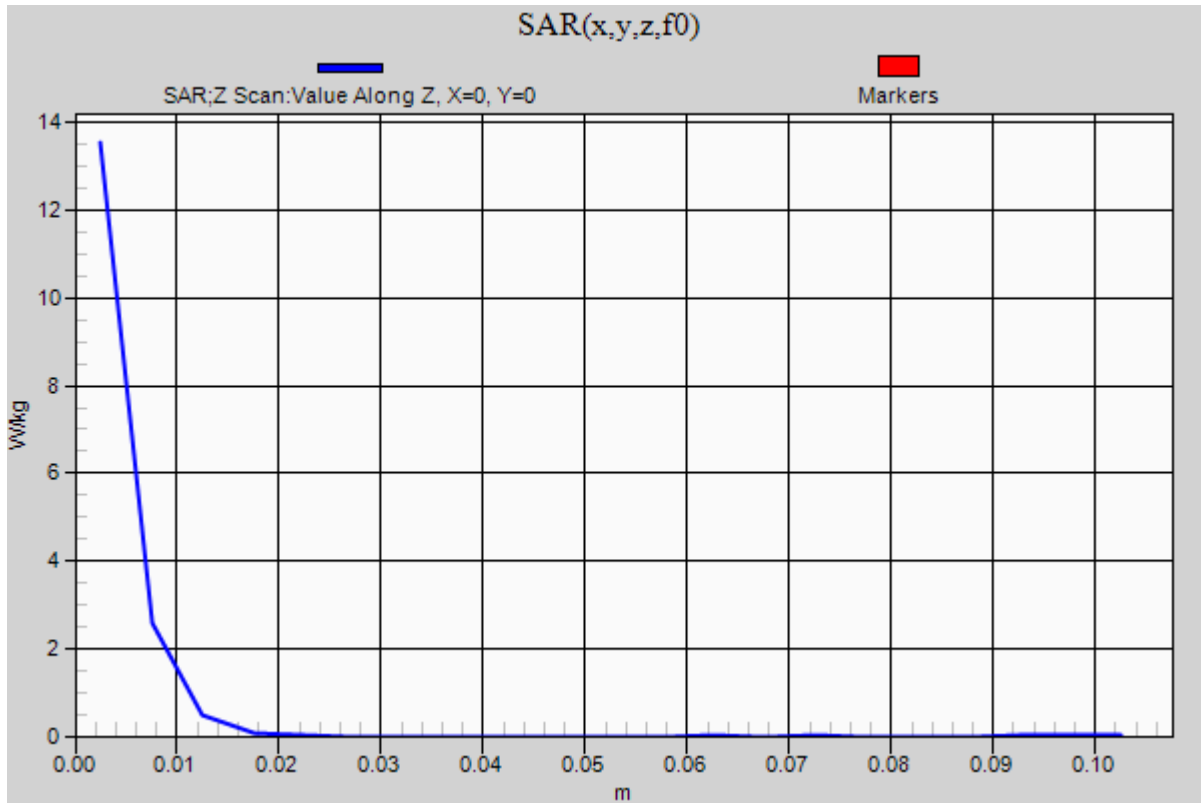


0 dB = 19.2 W/kg = 12.83 dBW/kg

### 20140514\_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5800 MHz; Duty Cycle: 1:1

**Head/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 13.5 W/kg



## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:8; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 41.379$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.85, 8.85, 8.85); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch GSM Voice Channel 190/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.291 W/kg

**RHS/Touch GSM Voice Channel 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

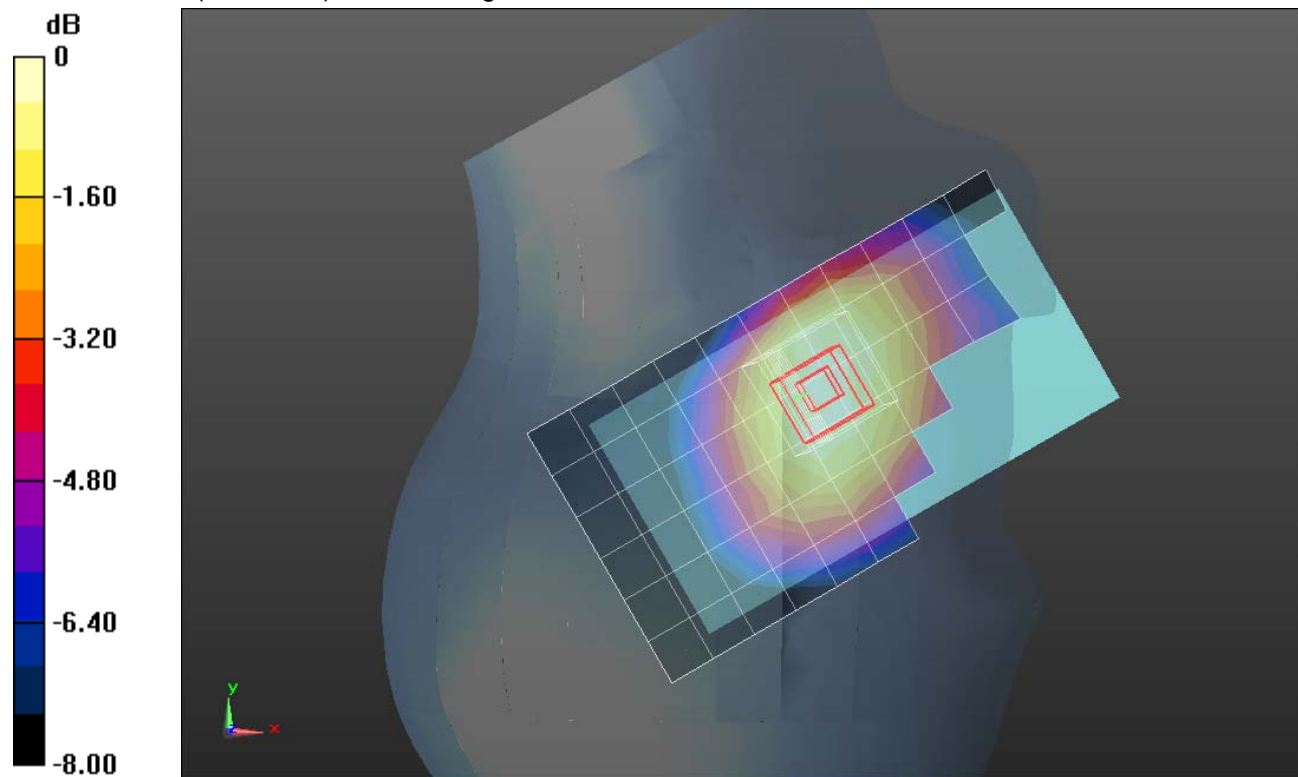
Reference Value = 18.092 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.329 W/kg

**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.208 W/kg**

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

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 41.379$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.85, 8.85, 8.85); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch GPRS 2 slot Channel 190/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.419 W/kg

**RHS/Touch GPRS 2 slot Channel 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

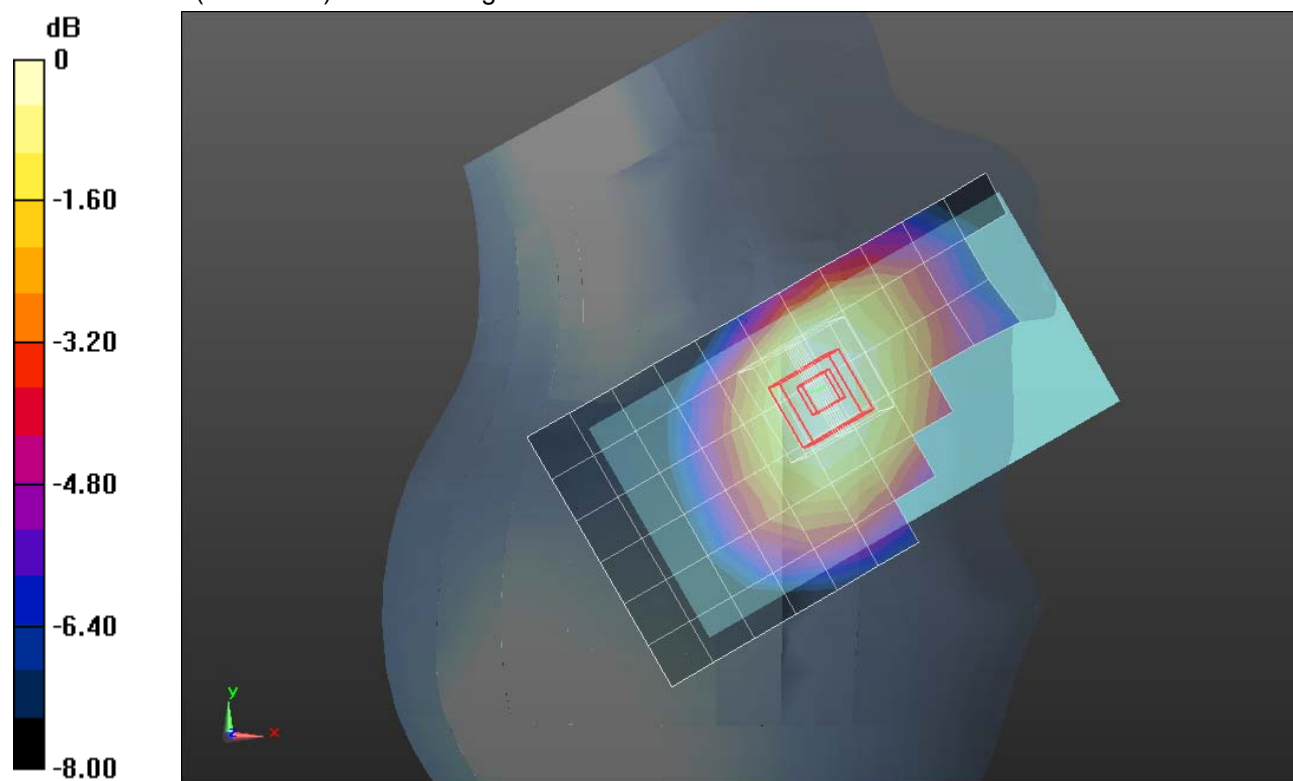
Reference Value = 21.516 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.287 W/kg**

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

Maximum value of SAR (measured) = 0.405 W/kg



0 dB = 0.405 W/kg = -3.93 dBW/kg



## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:8; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 52.969$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/GSM Voice Channel 190/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.416 W/kg

**Rear/GSM Voice Channel 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

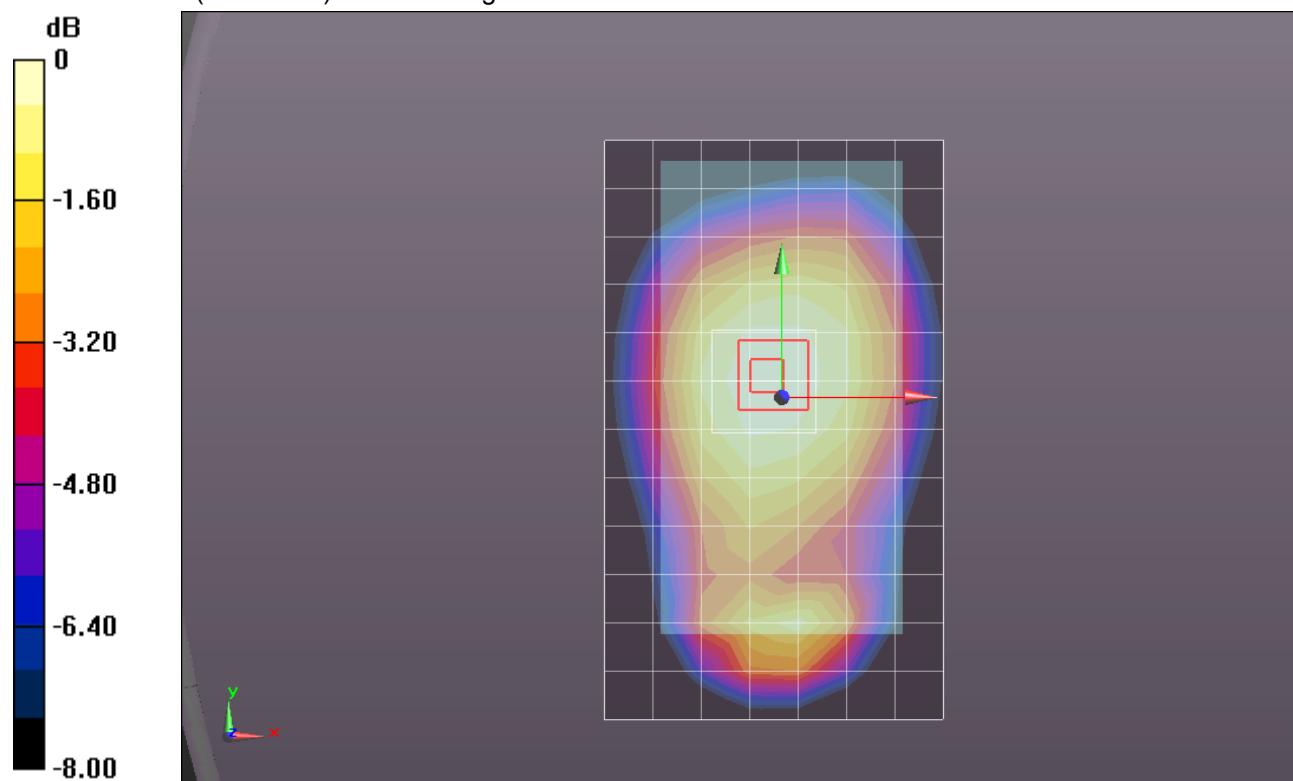
Reference Value = 20.814 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.293 W/kg**

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

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 52.969$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/GPRS 2 slot Channel 190/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.607 W/kg

**Rear/GPRS 2 slot Channel 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

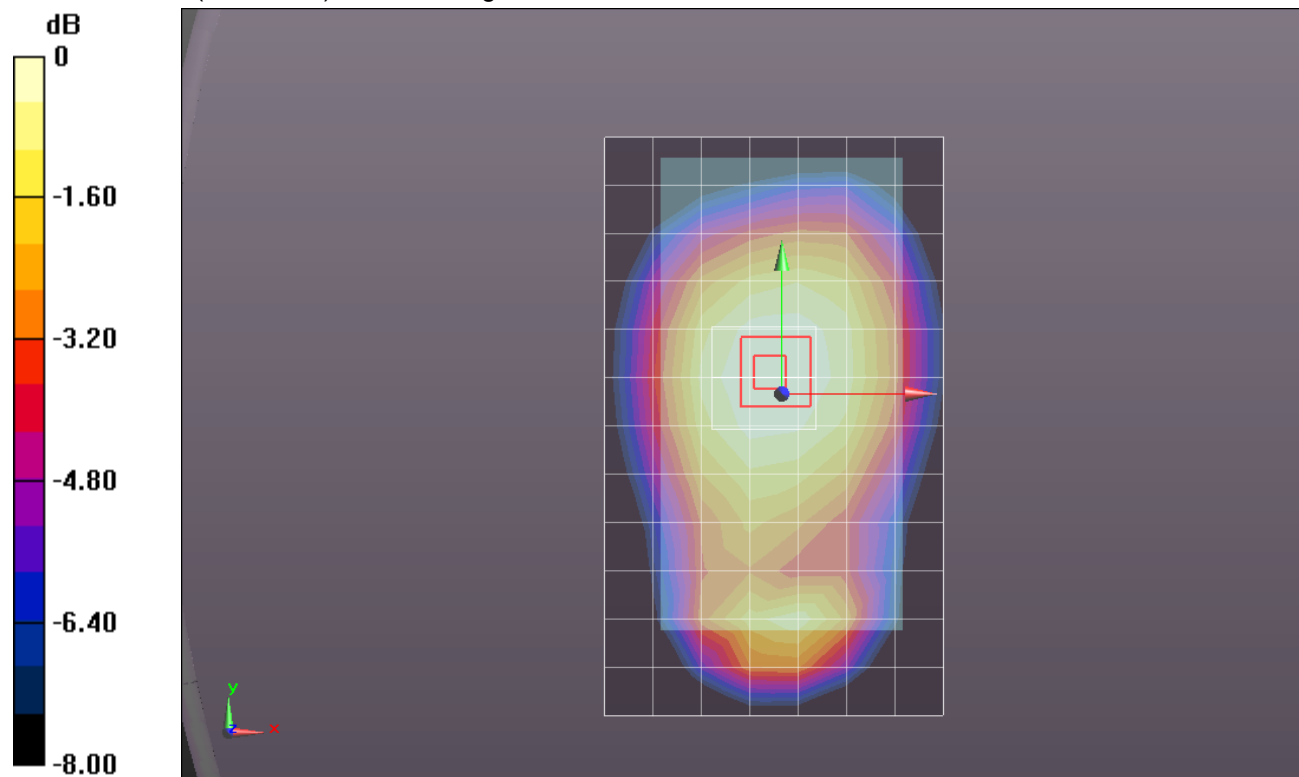
Reference Value = 25.018 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.675 W/kg

**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.415 W/kg**

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

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

## GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:8; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.443 \text{ S/m}$ ;  $\epsilon_r = 40.052$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(7.25, 7.25, 7.25); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch GSM Voice Channel 661/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.114 W/kg

**RHS/Touch GSM Voice Channel 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

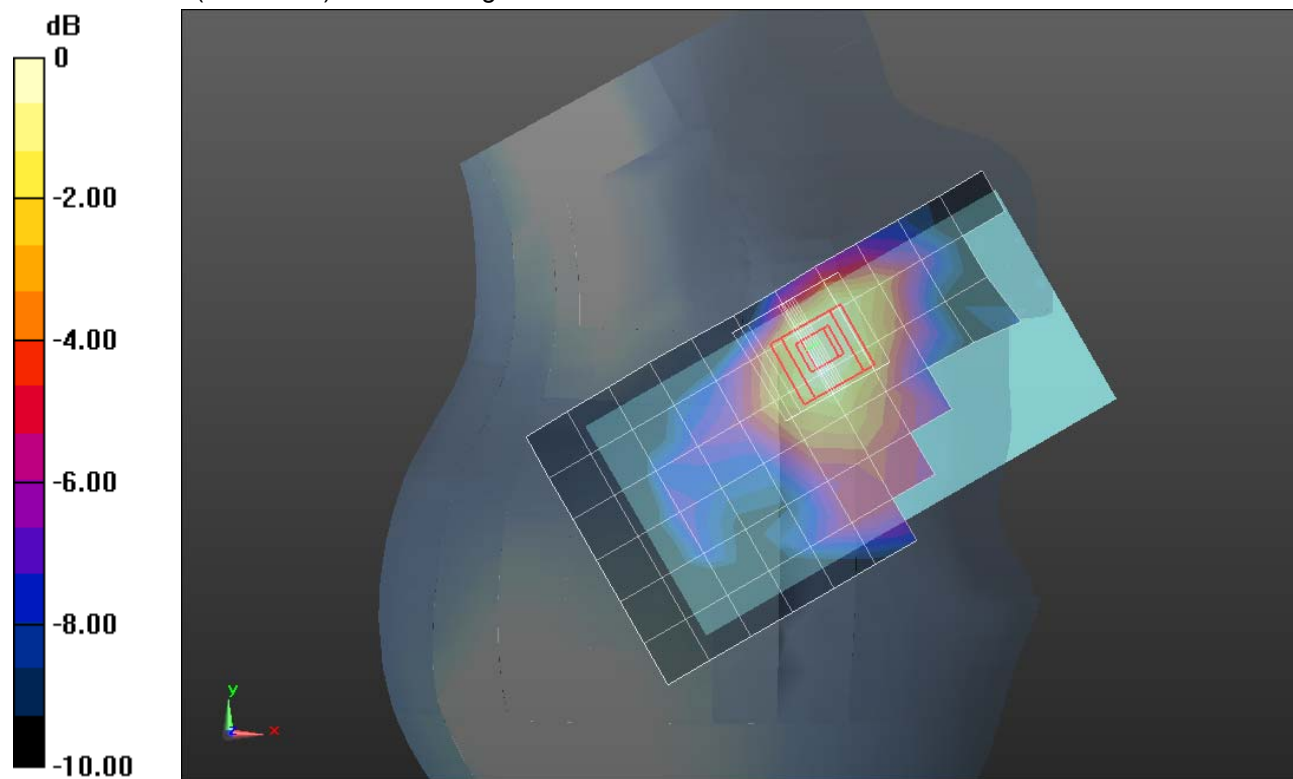
dy=8mm, dz=5mm

Reference Value = 8.941 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.152 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg

## GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.443 \text{ S/m}$ ;  $\epsilon_r = 40.052$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(7.25, 7.25, 7.25); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch GPRS 2 slot Channel 661/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.162 W/kg

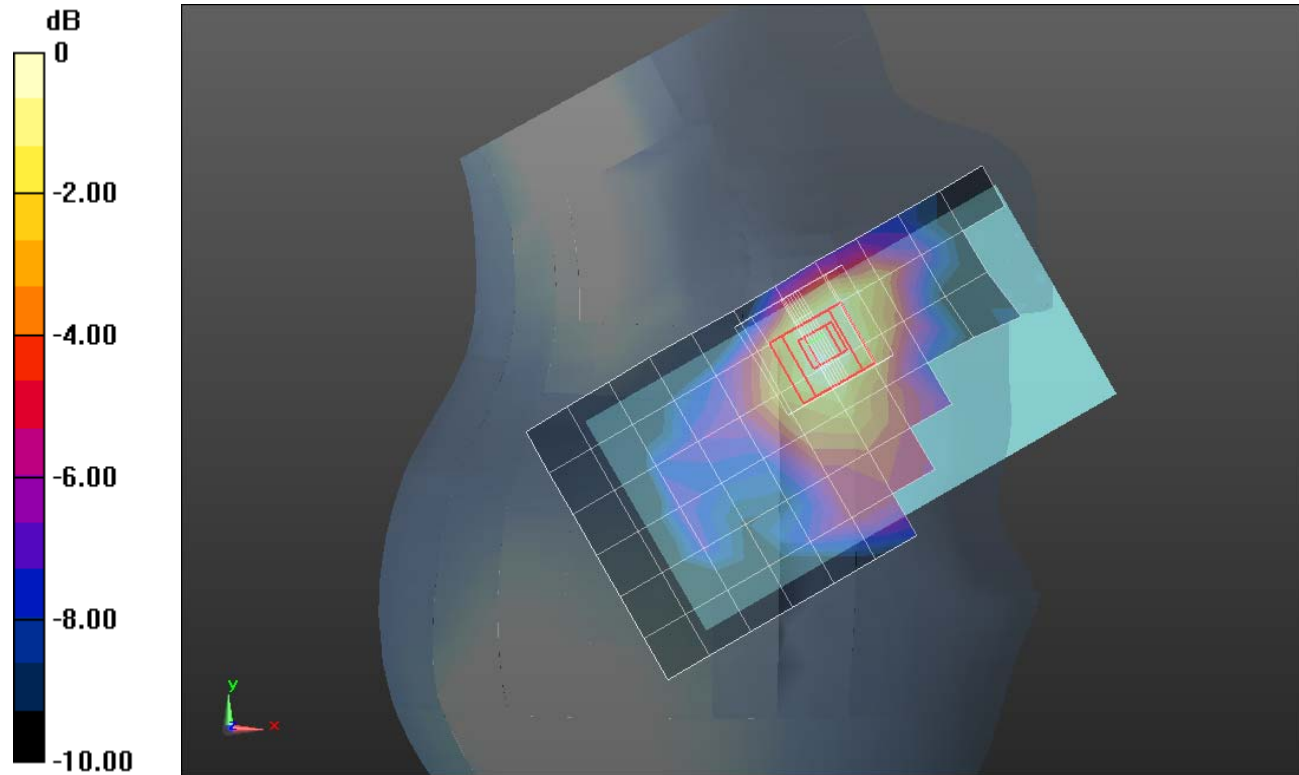
**RHS/Touch GPRS 2 slot Channel 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.666 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.213 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.093 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

## GSM1900 (Battery Cover)

Frequency: 1880 MHz; Duty Cycle: 1:8; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.476$  S/m;  $\epsilon_r = 51.284$ ;  $\rho = 1000$  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: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Rear/GSM Voice Channel 661/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.551 W/kg

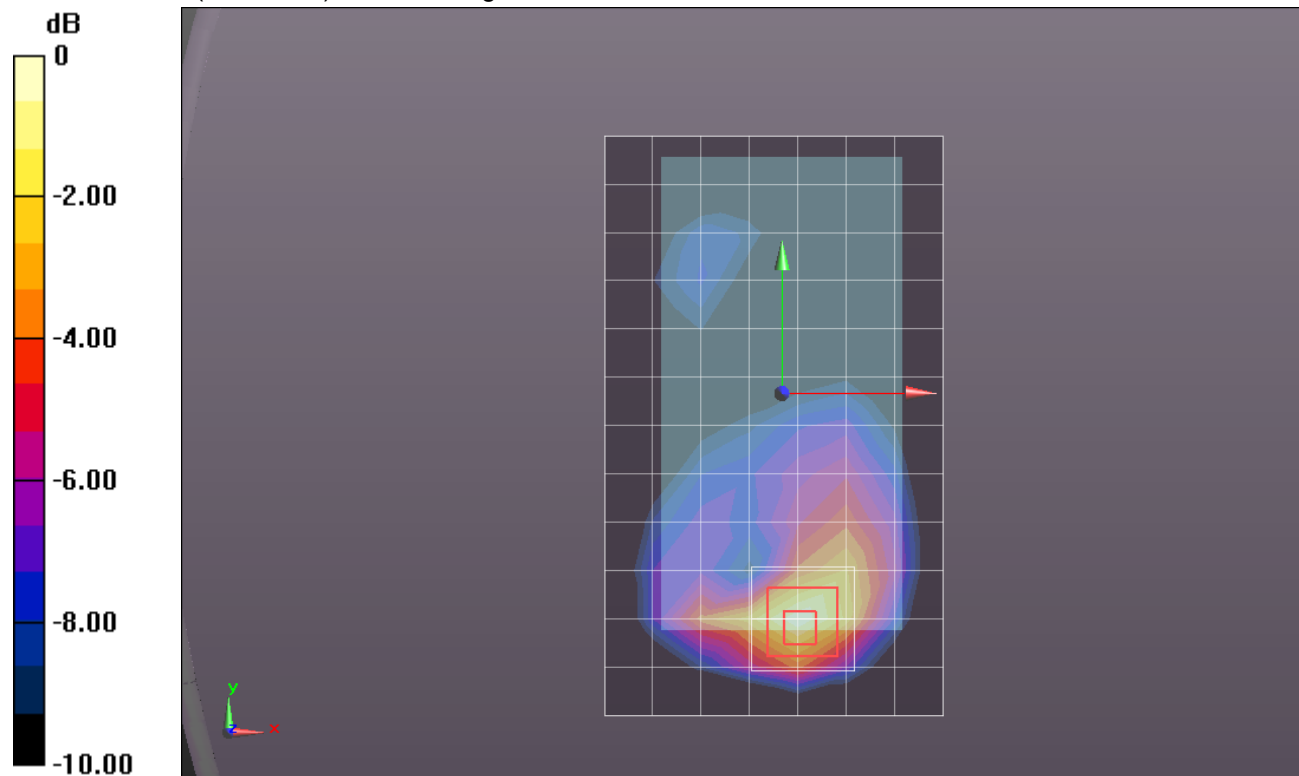
**Rear/GSM Voice Channel 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.580 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.231 W/kg**

Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg = -2.58 dBW/kg

## GSM1900 (Battery Cover)

Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.476 \text{ S/m}$ ;  $\epsilon_r = 51.284$ ;  $\rho = 1000 \text{ kg/m}^3$   
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Edge 3/GPRS 2 slot Channel 661/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.665 W/kg

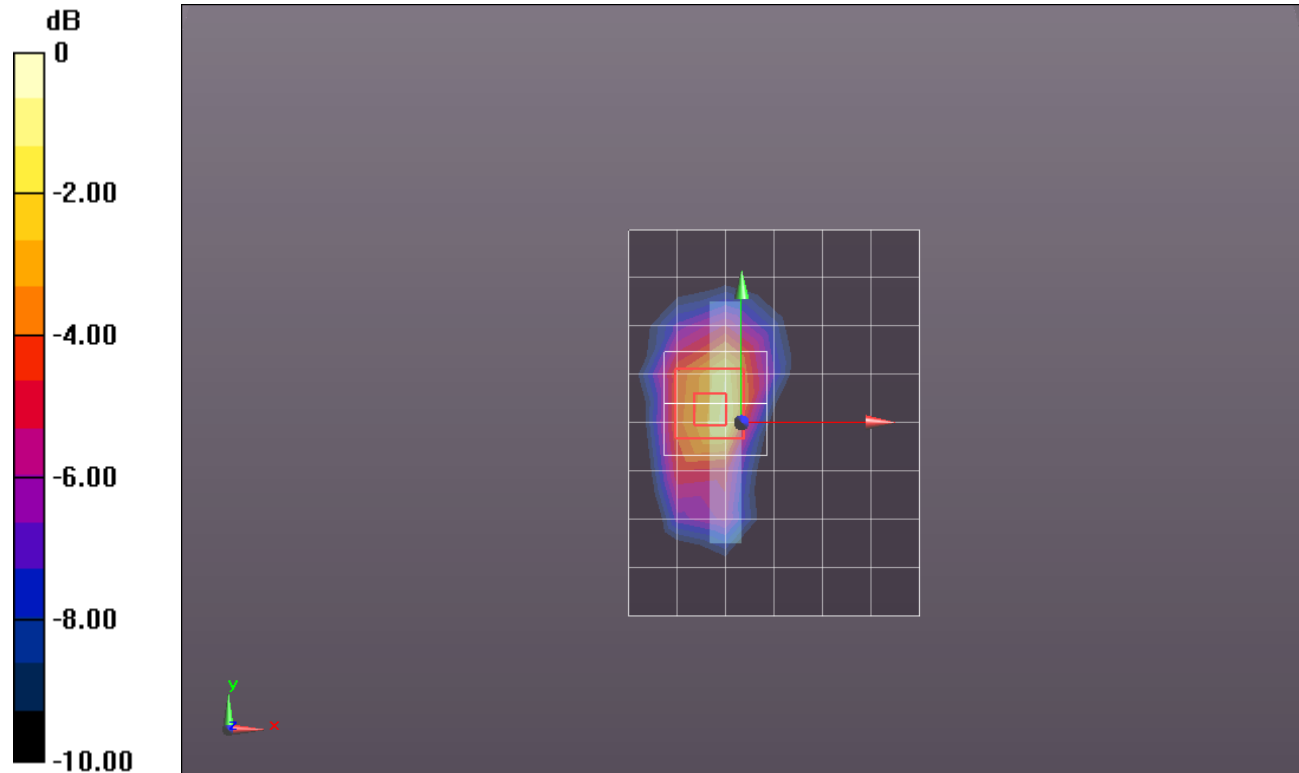
**Edge 3/GPRS 2 slot Channel 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.558 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.323 W/kg**

Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.826 W/kg = -0.83 dBW/kg

### CDMA BC0

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 1 \text{ S/m}$ ;  $\epsilon_r = 52.97$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch\_\_1xRTT\_RC3\_SO55\_ch. 384/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.617 W/kg

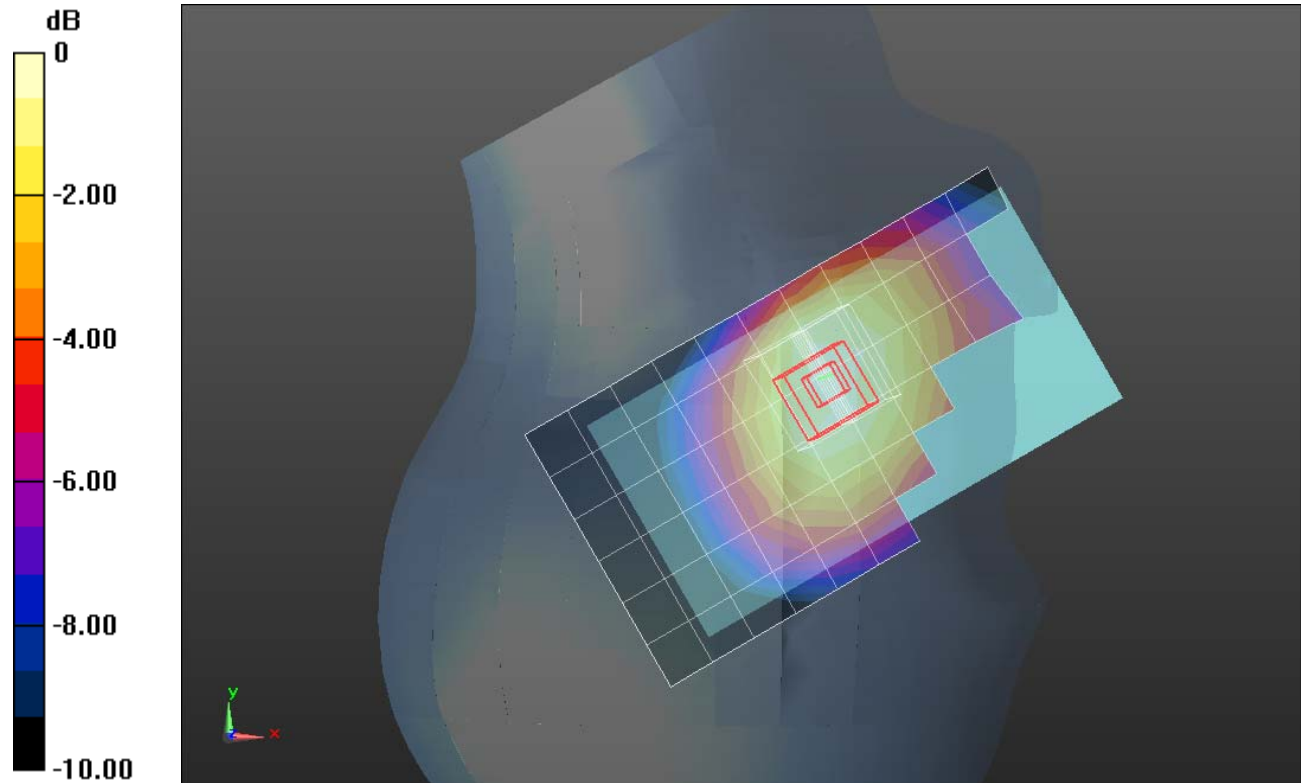
**RHS/Touch\_\_1xRTT\_RC3\_SO55\_ch. 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.106 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.690 W/kg

**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.432 W/kg**

Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg = -2.08 dBW/kg

### CDMA BC0

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 53.65$ ;  $\rho = 1000 \text{ kg/m}^3$

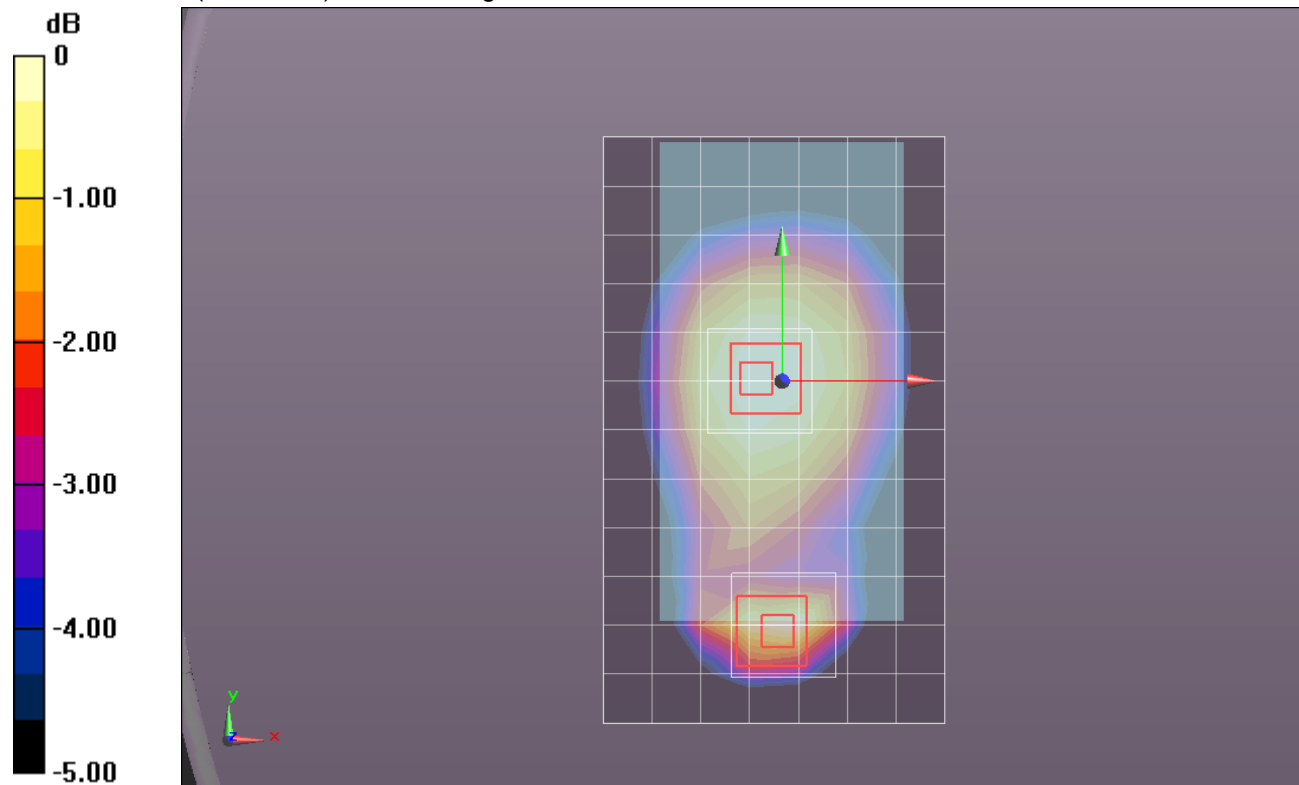
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/1xRTT, RC3 SO32 Ch 384/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.766 W/kg

**Rear/1xRTT, RC3 SO32 Ch 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 27.881 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 1.02 W/kg  
**SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.354 W/kg**  
 Maximum value of SAR (measured) = 0.783 W/kg

**Rear/1xRTT, RC3 SO32 Ch 384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 27.881 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.844 W/kg  
**SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.518 W/kg**  
 Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg



### CDMA BC0

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 53.65$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Edge 3/1xRTT, RC3 SO32 Ch 384/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.640 W/kg

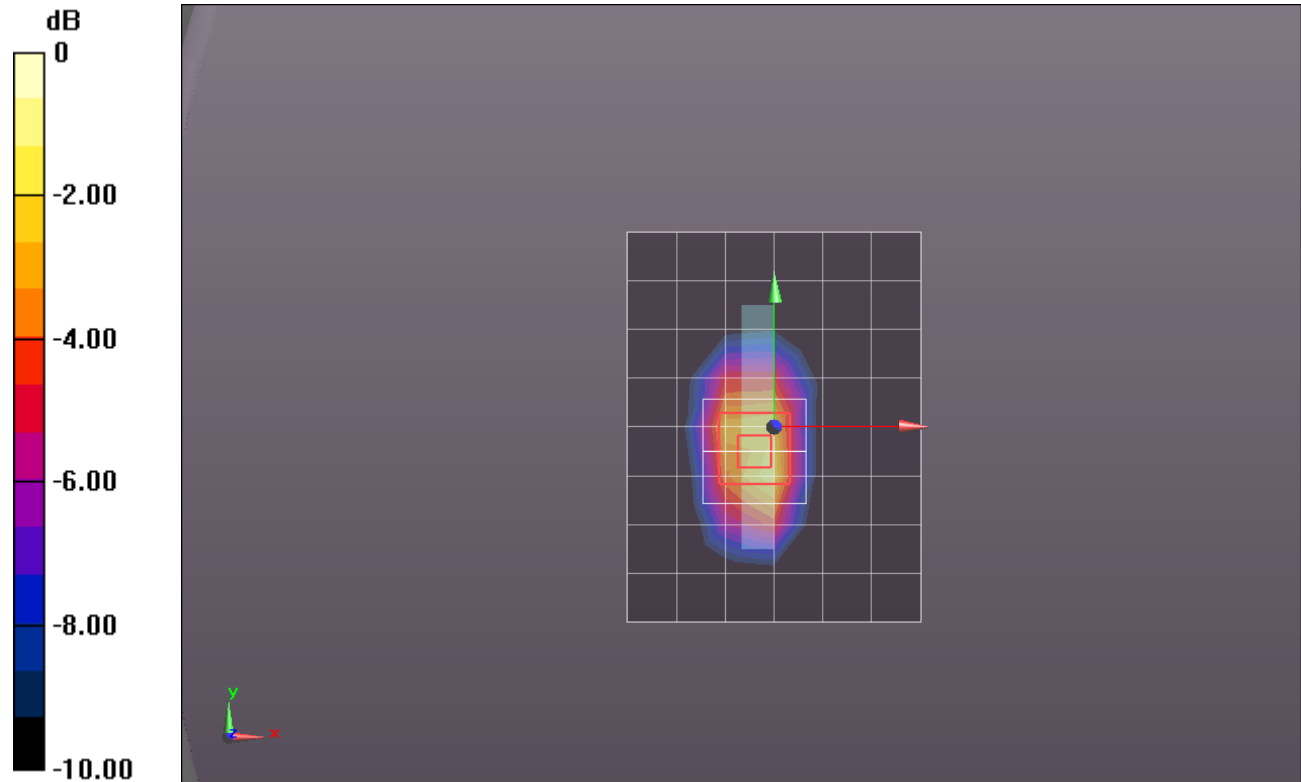
**Edge 3/1xRTT, RC3 SO32 Ch 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.592 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.347 W/kg**

Maximum value of SAR (measured) = 0.861 W/kg



0 dB = 0.861 W/kg = -0.65 dBW/kg

### CDMA BC1 (Battery Cover)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.406 \text{ S/m}$ ;  $\epsilon_r = 39.367$ ;  $\rho = 1000 \text{ kg/m}^3$   
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(7.25, 7.25, 7.25); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**LHS/Touch\_1xEVDO\_Rel. 0\_ch. 600/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.337 W/kg

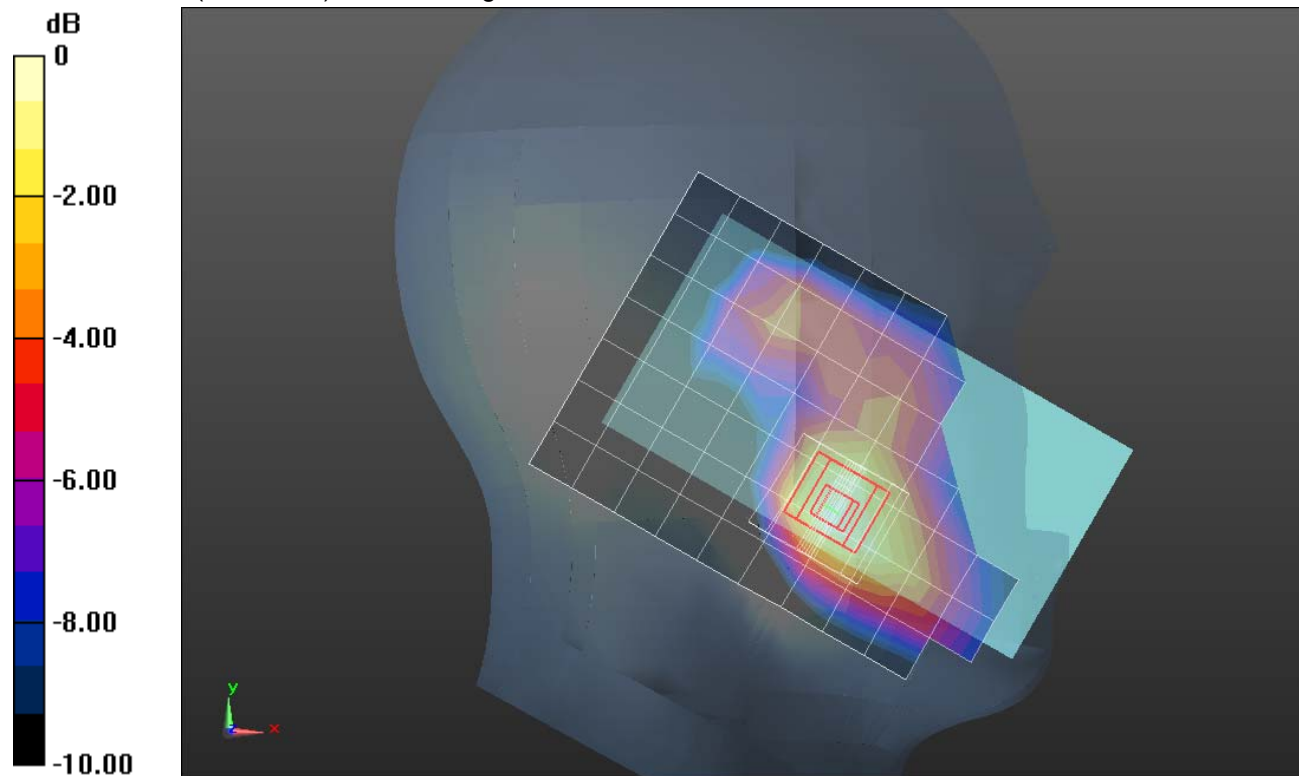
**LHS/Touch\_1xEVDO\_Rel. 0\_ch. 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.498 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.432 W/kg

**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

### CDMA BC1

Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 51.759$ ;  $\rho = 1000$  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: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

#### Rear/1xEVDO, Rel. 0 Ch 1175/Area Scan (8x13x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.26 W/kg

#### Rear/1xEVDO, Rel. 0 Ch 1175/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

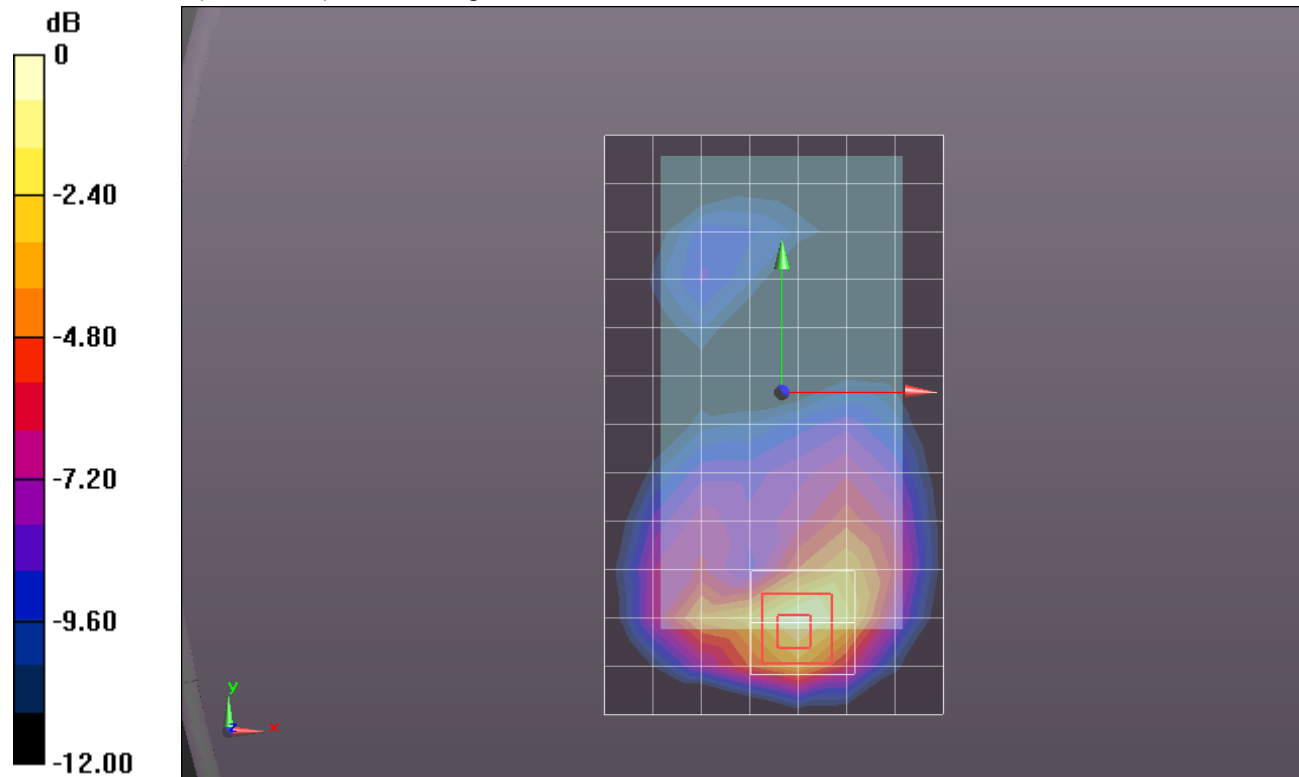
Reference Value = 29.940 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.575 W/kg**

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

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

### CDMA BC1 (Battery Cover)

Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.507 \text{ S/m}$ ;  $\epsilon_r = 51.177$ ;  $\rho = 1000 \text{ kg/m}^3$   
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

#### Edge 3/1xRTT, RC3 SO32 Ch 1175/Area Scan (7x9x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.14 W/kg

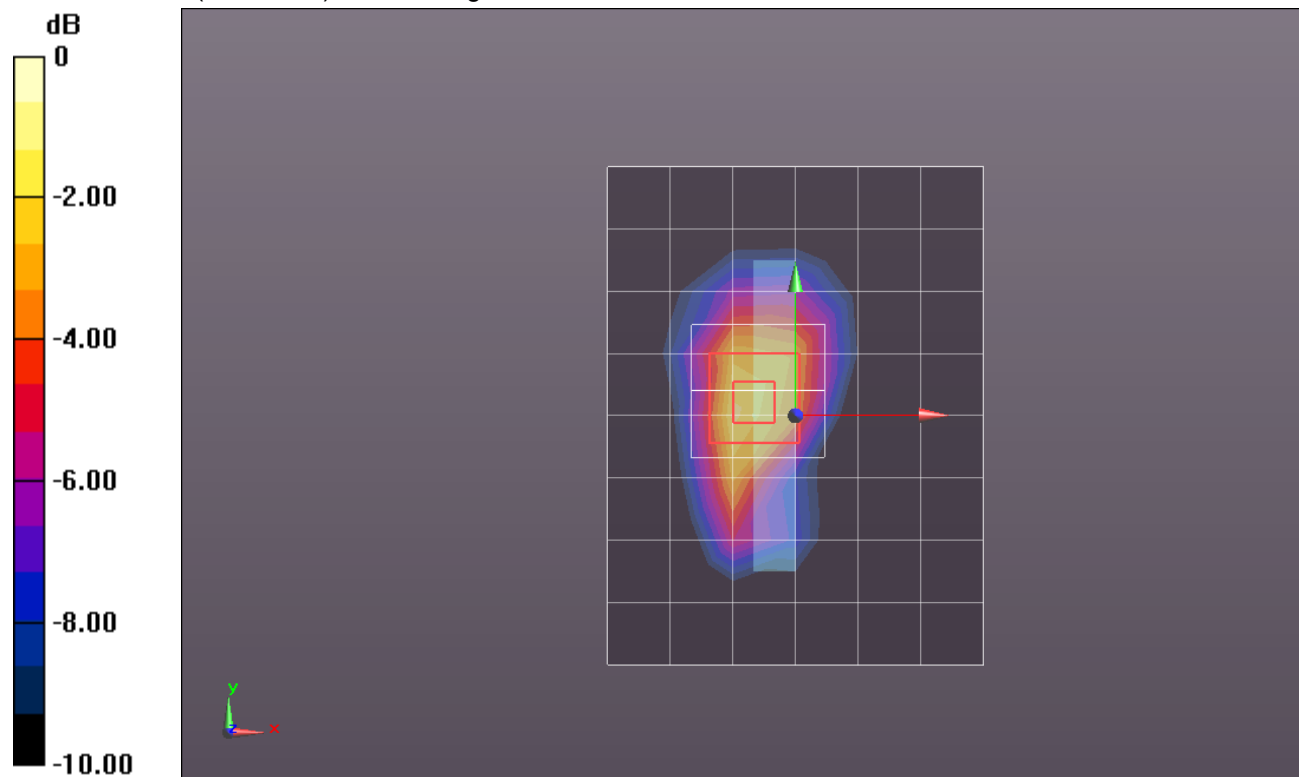
#### Edge 3/1xRTT, RC3 SO32 Ch 1175/Zoom Scan (5x5x7)/Cube 0:

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 27.998 V/m; Power Drift = -0.11 dB  
 Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.581 W/kg**

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

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

### CDMA BC10

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 820.5 \text{ MHz}$ ;  $\sigma = 0.984 \text{ S/m}$ ;  $\epsilon_r = 53.161$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch\_1xRTT\_RC3\_SO55\_ch. 580/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.480 W/kg

**RHS/Touch\_1xRTT\_RC3\_SO55\_ch. 580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

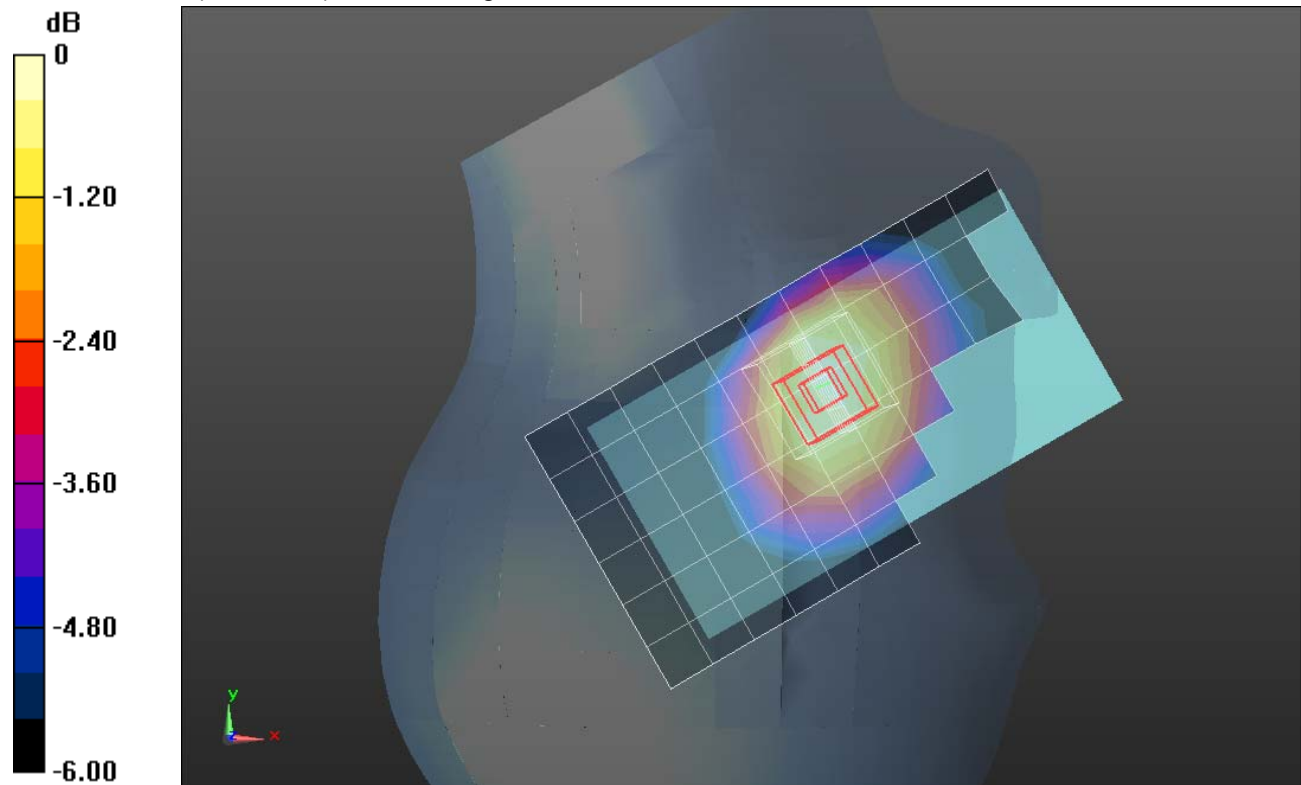
Reference Value = 22.377 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.526 W/kg

**SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.345 W/kg**

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

Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.482 W/kg = -3.17 dBW/kg

## CDMA BC10

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.984$  S/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/1xRTT, RC3 SO32 Ch 580/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/1xRTT, RC3 SO32 Ch 580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.079 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.718 W/kg

**SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.446 W/kg**

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

Maximum value of SAR (measured) = 0.650 W/kg

**Rear/1xRTT, RC3 SO32 Ch 580/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

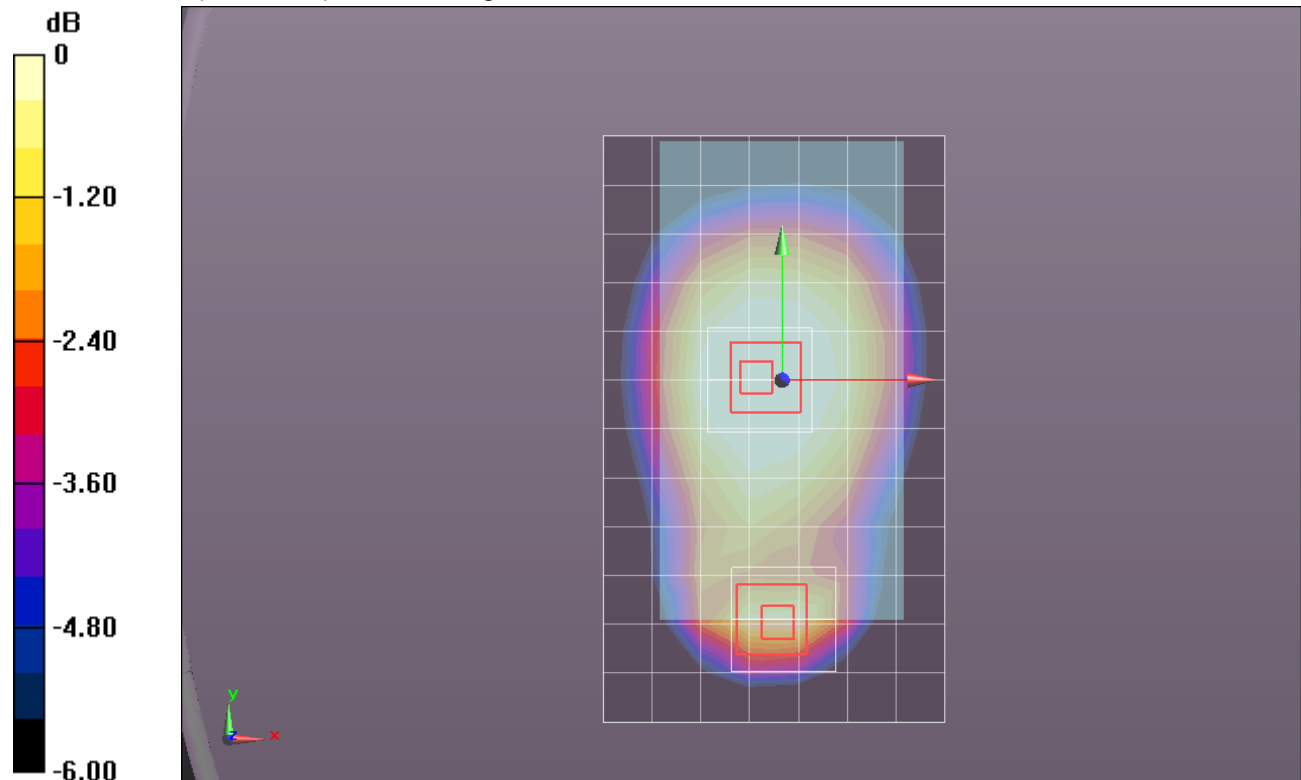
Reference Value = 26.079 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.264 W/kg**

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

Maximum value of SAR (measured) = 0.574 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg

### CDMA BC10

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.984$  S/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Edge 2/1xRTT, RC3 SO32 Ch 580/Area Scan (6x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.585 W/kg

**Edge 2/1xRTT, RC3 SO32 Ch 580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

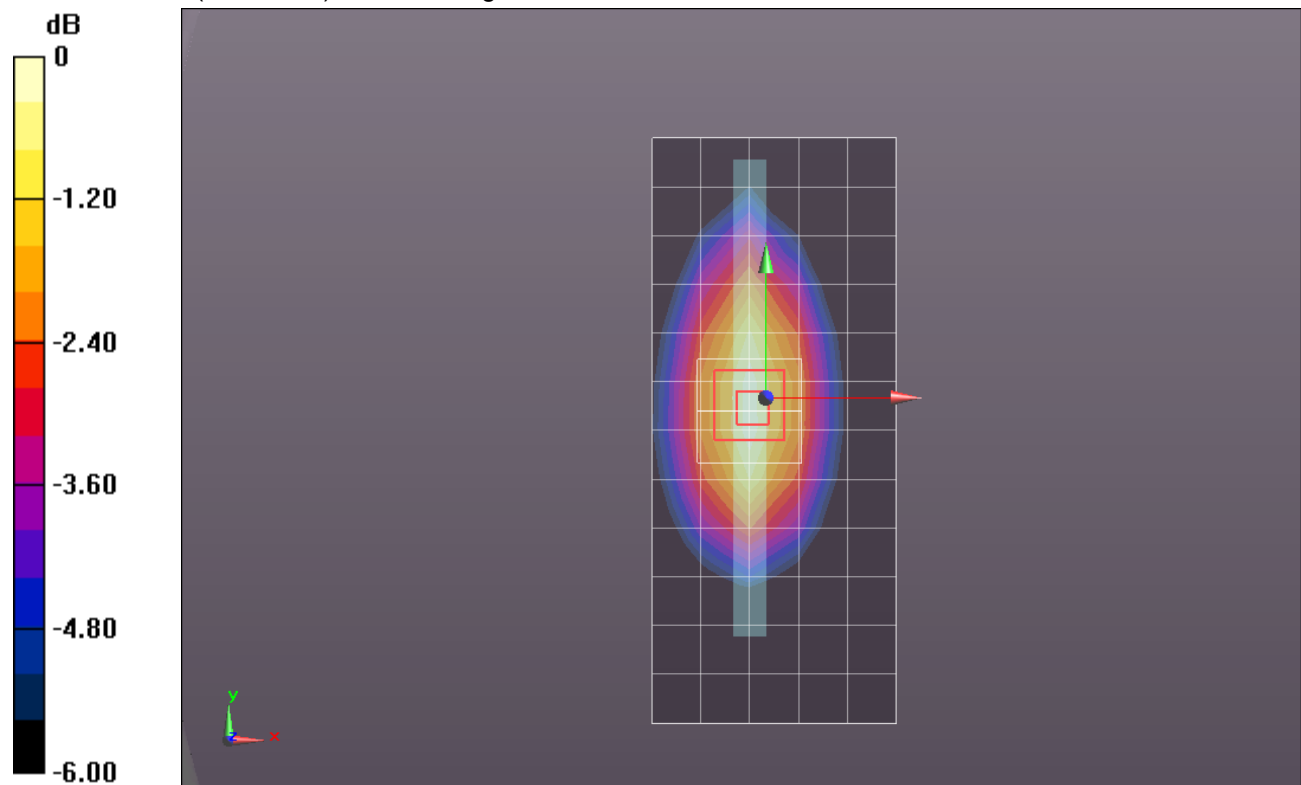
Reference Value = 16.700 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.704 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.353 W/kg**

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

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



0 dB = 0.602 W/kg = -2.20 dBW/kg

## WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 52.969$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch\_Rel. 99\_RMC\_ch. 4183/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.404 W/kg

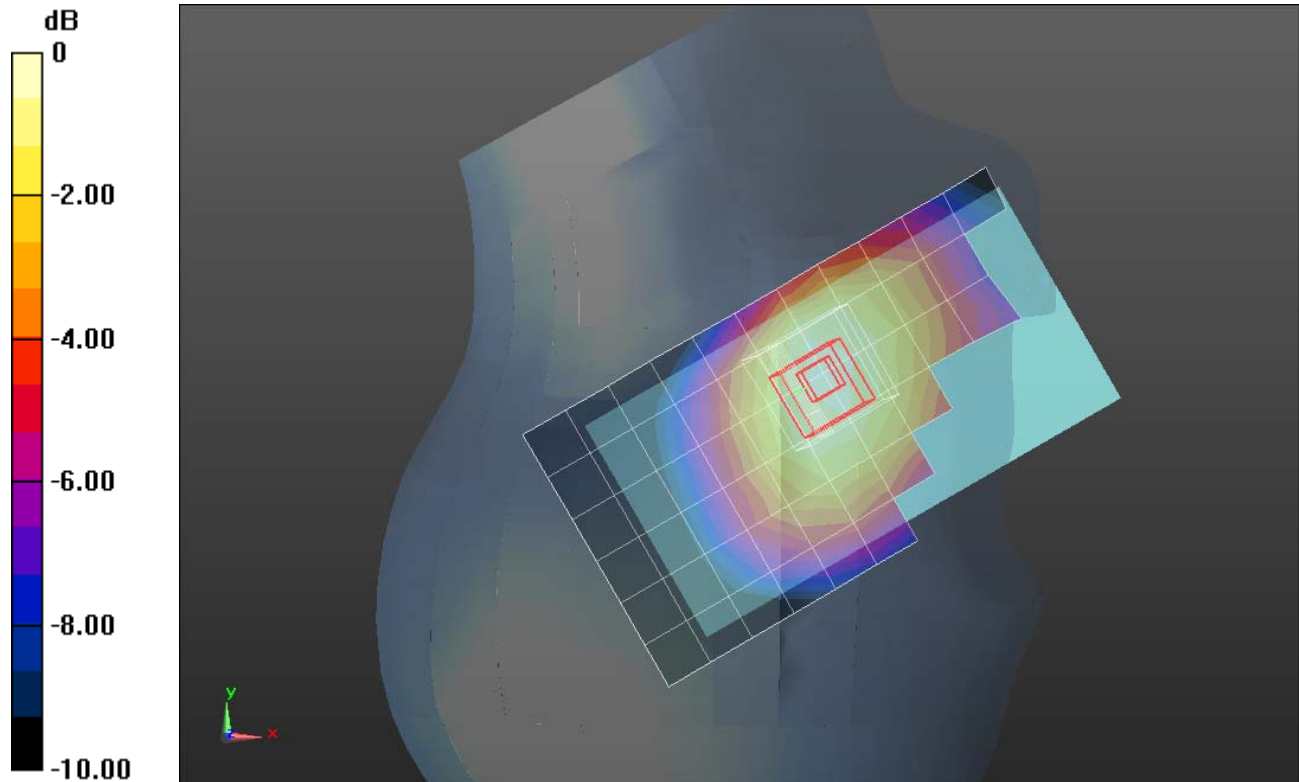
**RHS/Touch\_Rel. 99\_RMC\_ch. 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.333 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.412 W/kg = -3.85 dBW/kg



## WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 52.969$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Front/Rel. 99\_RMC\_ch. 4183/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.469 W/kg

**Front/Rel. 99\_RMC\_ch. 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.126 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.236 W/kg**

Maximum value of SAR (measured) = 0.522 W/kg

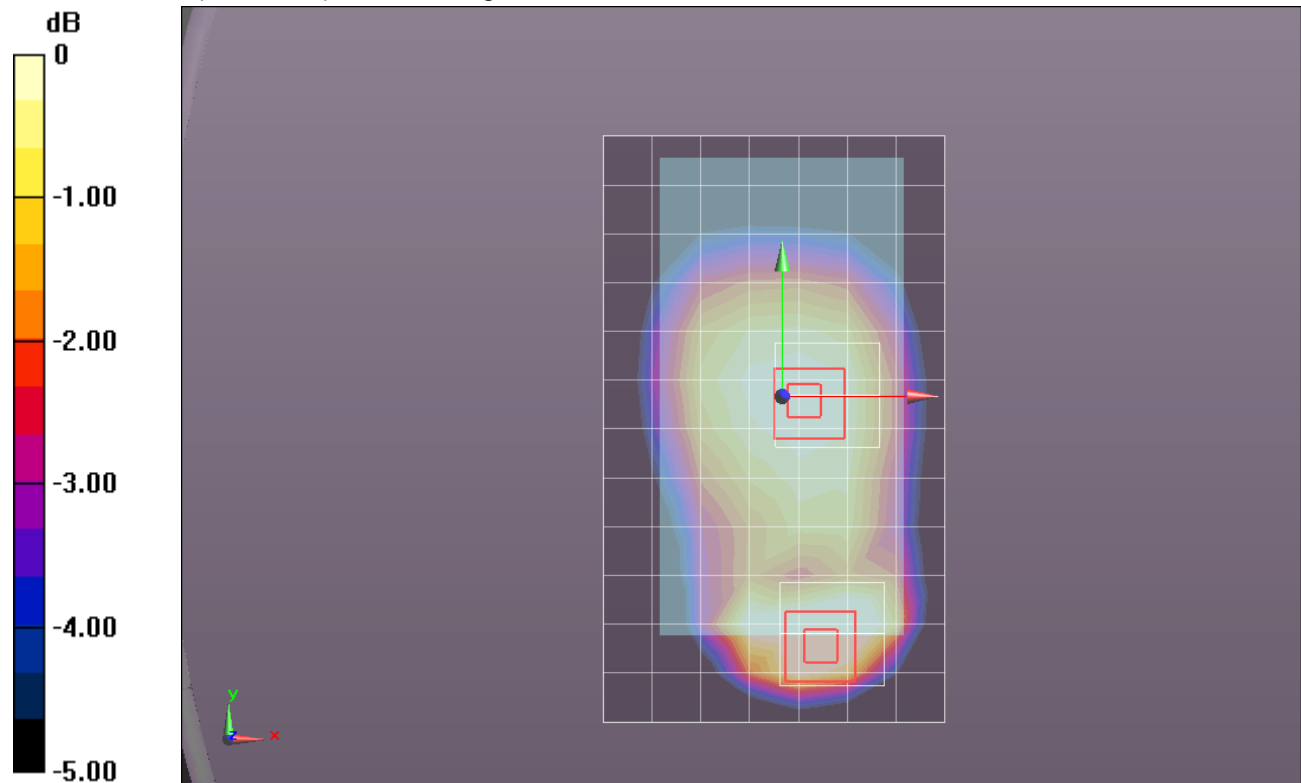
**Front/Rel. 99\_RMC\_ch. 4183/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.126 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.246 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

## WCDMA Band II

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 40.613$ ;  $\rho = 1000$  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: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(7.25, 7.25, 7.25); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch\_Rel. 99\_RMC\_ch. 9400/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.246 W/kg

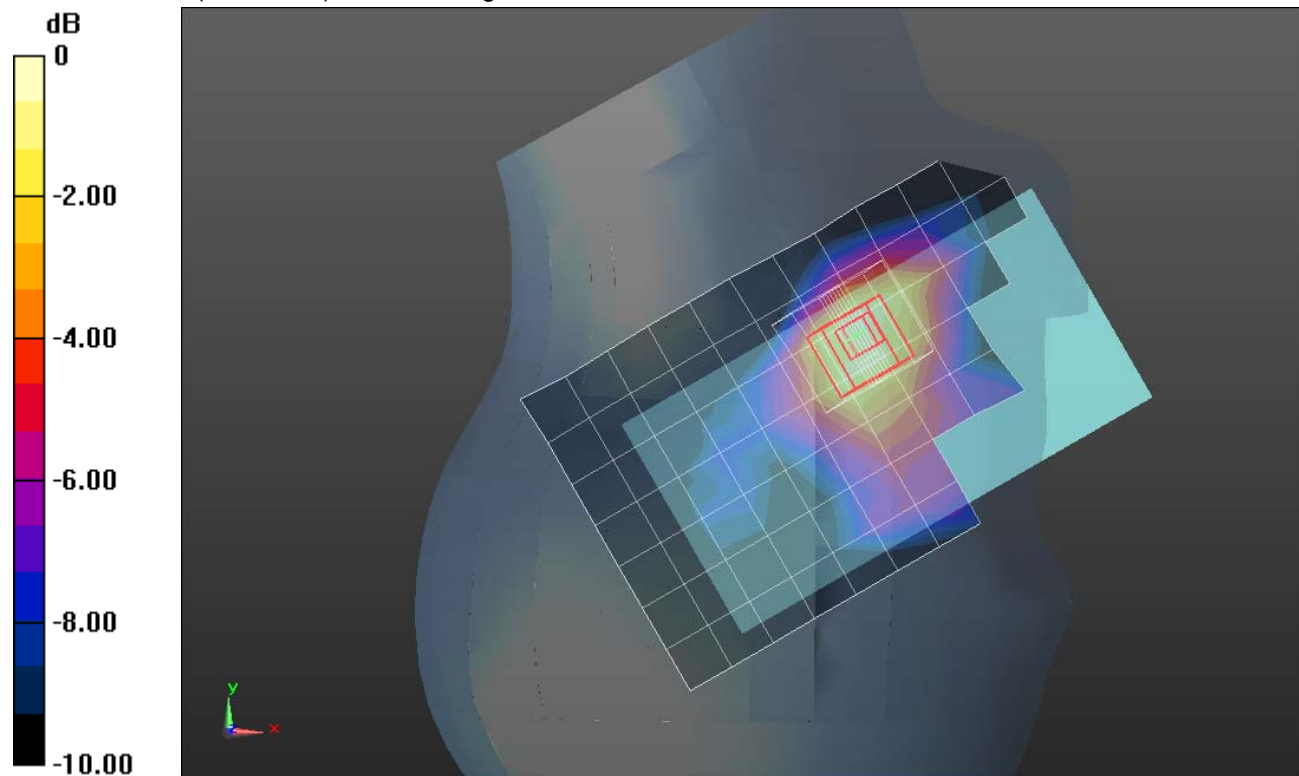
**RHS/Touch\_Rel. 99\_RMC\_ch. 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.717 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

## WCDMA Band II

Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1907.6 \text{ MHz}$ ;  $\sigma = 1.498 \text{ S/m}$ ;  $\epsilon_r = 51.761$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Rear/Rel. 99\_RMC\_ch. 9538/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.938 W/kg

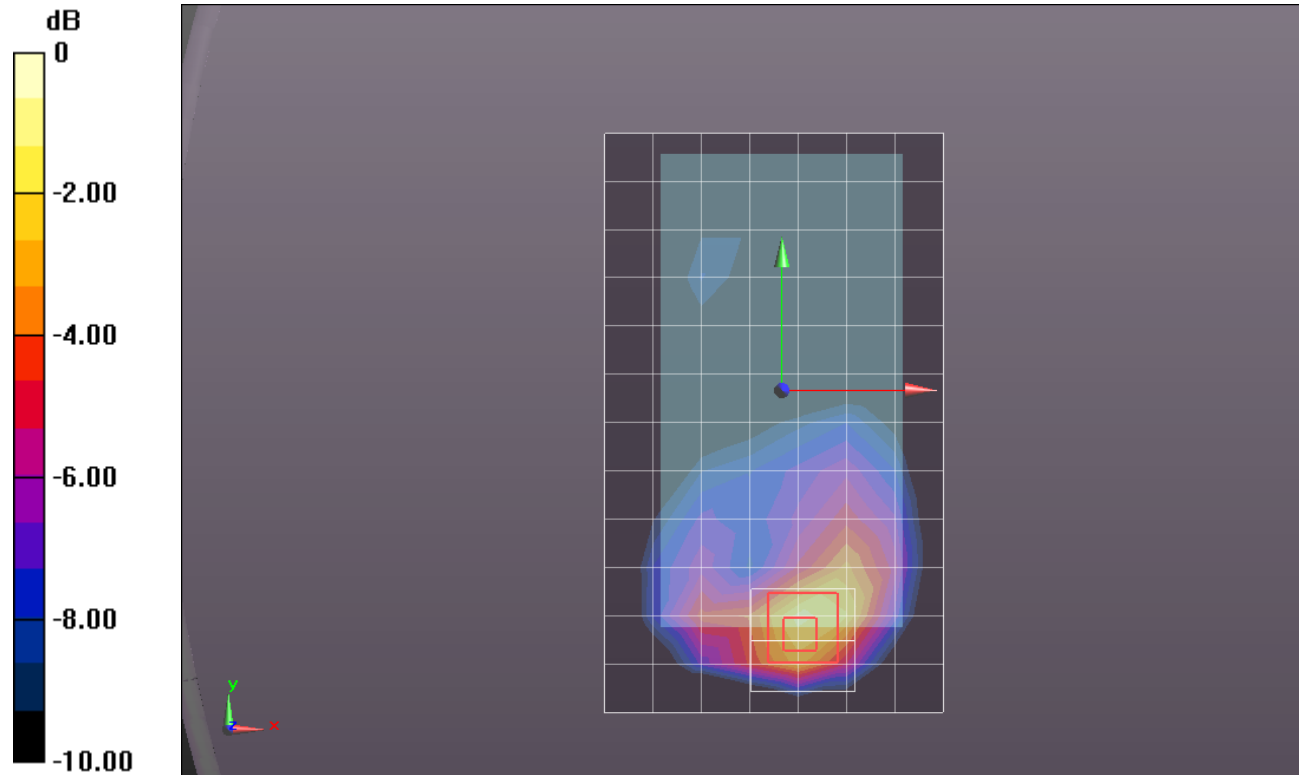
**Rear/Rel. 99\_RMC\_ch. 9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.418 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.494 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

## LTE Band 25

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1882.5 \text{ MHz}$ ;  $\sigma = 1.447 \text{ S/m}$ ;  $\epsilon_r = 40.051$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(7.25, 7.25, 7.25); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch\_QPSK\_1/0 RB\_Ch.26365/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.195 W/kg

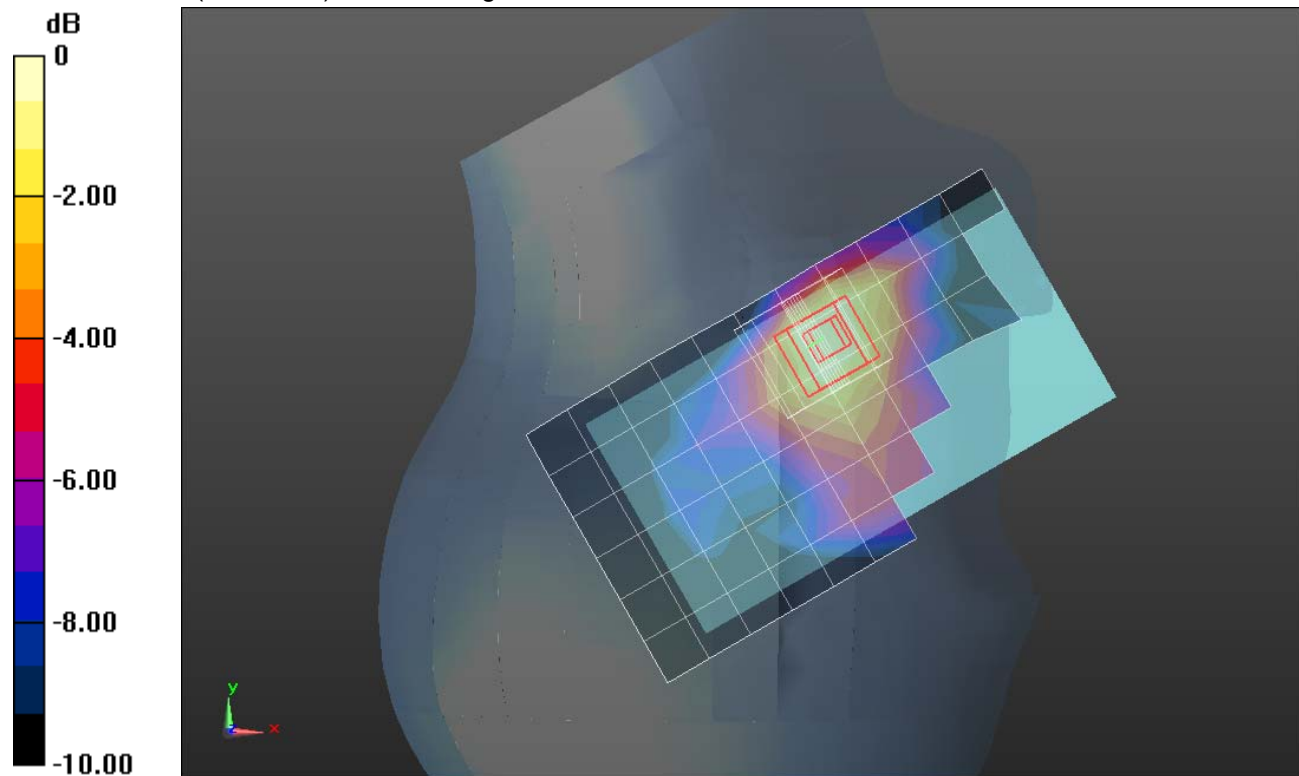
**RHS/Touch\_QPSK\_1/0 RB\_Ch.26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.958 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.273 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.117 W/kg**

Maximum value of SAR (measured) = 0.225 W/kg



0 dB = 0.225 W/kg = -6.48 dBW/kg

## LTE Band 25

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.474$  S/m;  $\epsilon_r = 51.858$ ;  $\rho = 1000$  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: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Edge 3/QPSK\_1/0 RB\_Ch.26365/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.816 W/kg

**Edge 3/QPSK\_1/0 RB\_Ch.26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

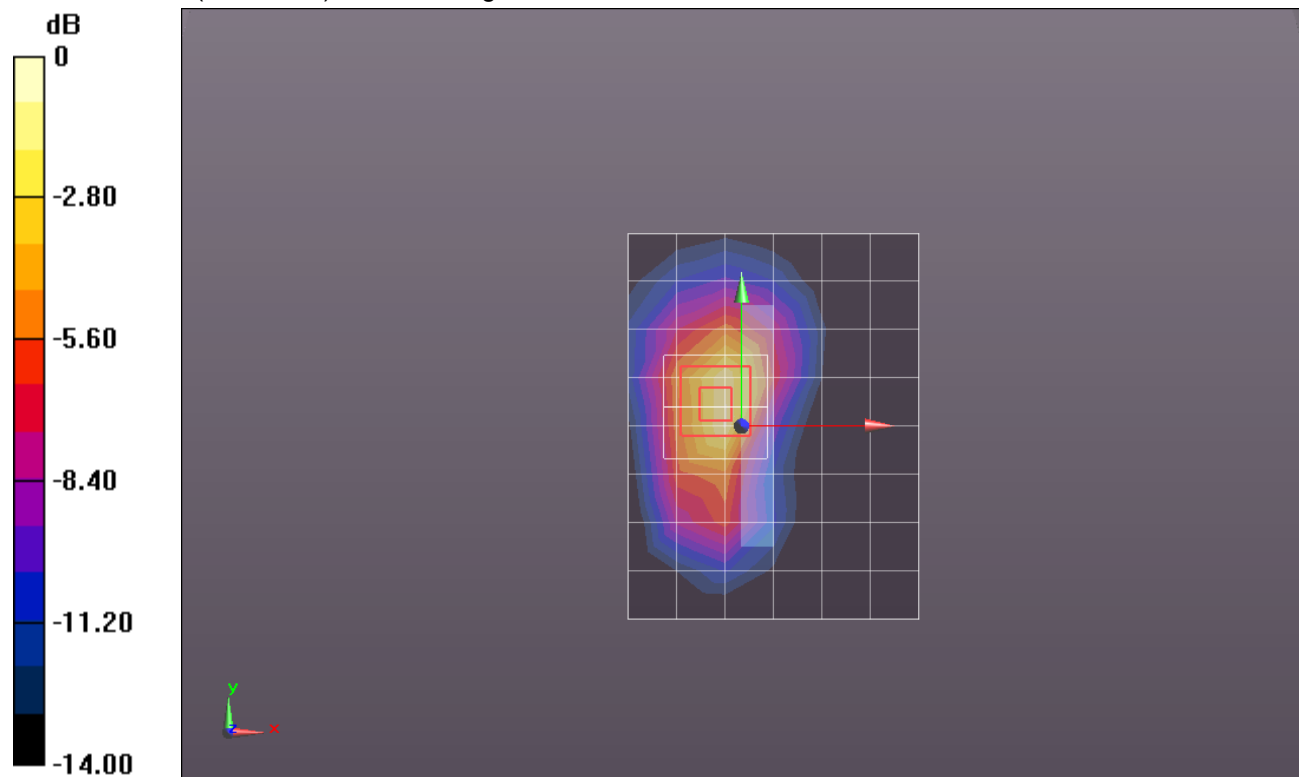
Reference Value = 23.866 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.380 W/kg**

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

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

## LTE Band 26

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 53.037$ ;  $\rho = 1000$  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 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

**RHS/Touch\_QPSK\_1/0 RB\_Ch.26865/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.344 W/kg

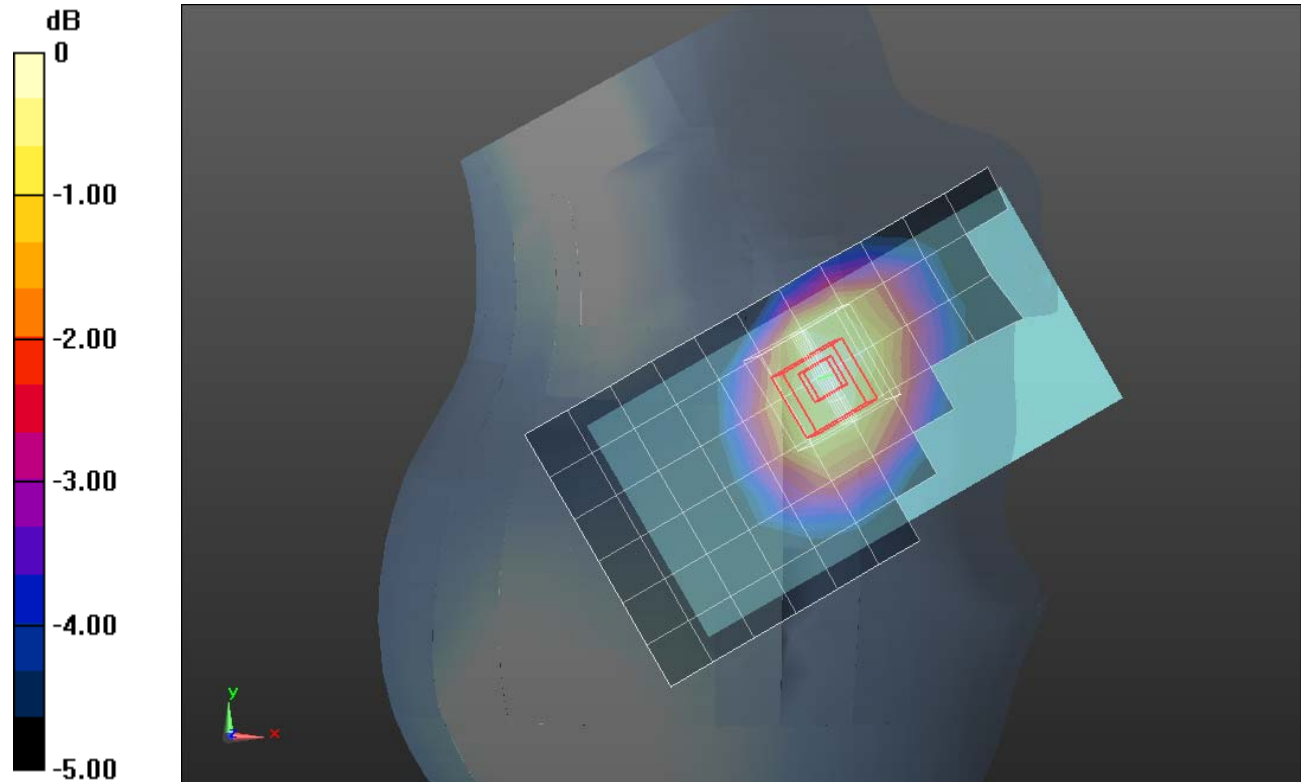
**RHS/Touch\_QPSK\_1/0 RB\_Ch.26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.832 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg = -4.66 dBW/kg

### LTE Band 26 (Battery Cover)

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 1.015 \text{ S/m}$ ;  $\epsilon_r = 53.44$ ;  $\rho = 1000 \text{ kg/m}^3$   
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 9/11/2013
- Probe: EX3DV4 - SN3749; ConvF(8.59, 8.59, 8.59); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/QPSK\_1/0 RB\_Ch.26865/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.474 W/kg

**Rear/QPSK\_1/0 RB\_Ch.26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

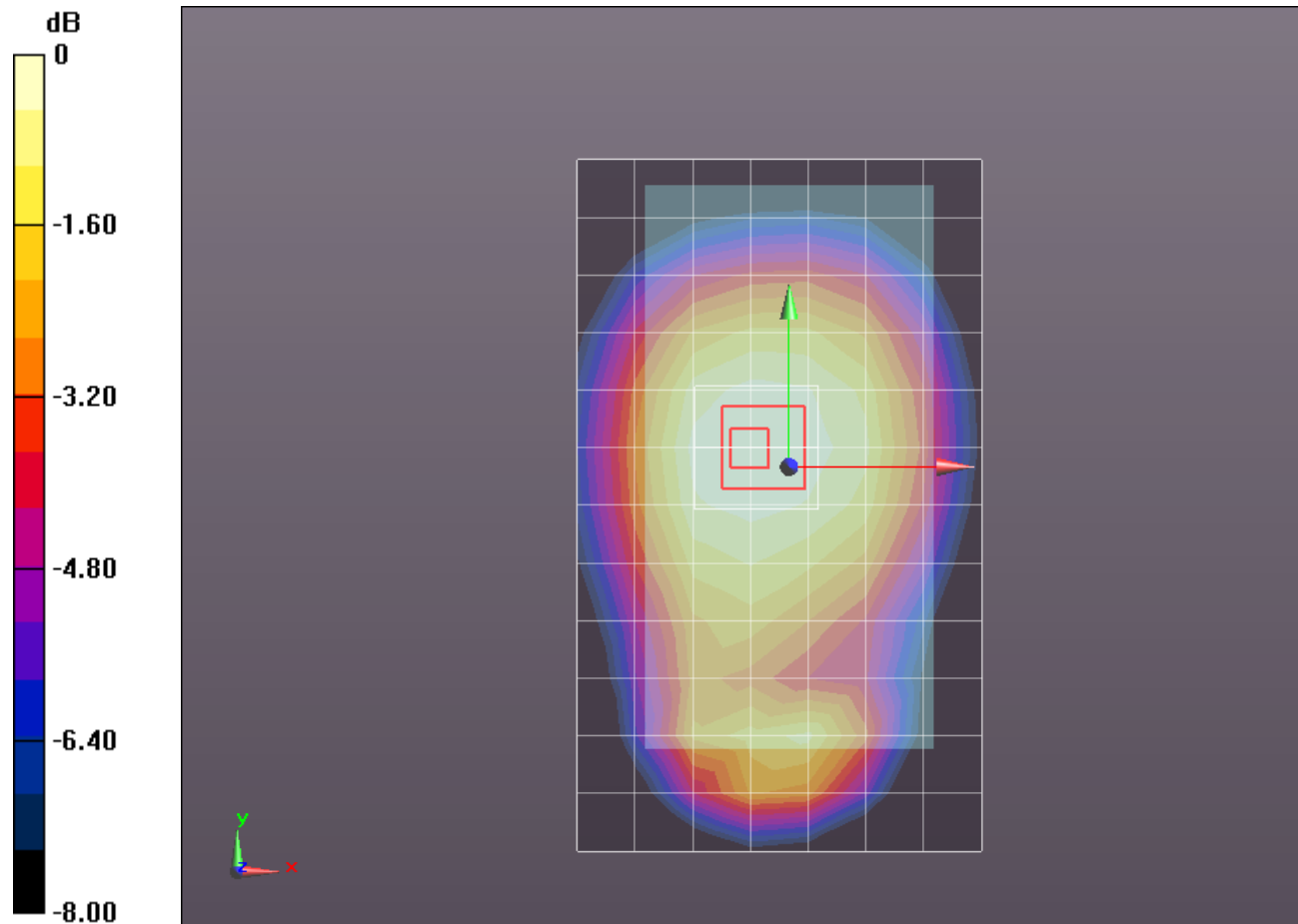
Reference Value = 22.047 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.526 W/kg

**SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.327 W/kg**

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

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg



## LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.6; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.027$  S/m;  $\epsilon_r = 39.585$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2014
- Probe: EX3DV4 - SN3686; ConvF(6.72, 6.72, 6.72); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

**RHS/Touch\_QPSK\_RB 50/0\_Ch.40620/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0957 W/kg

**RHS/Touch\_QPSK\_RB 50/0\_Ch.40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

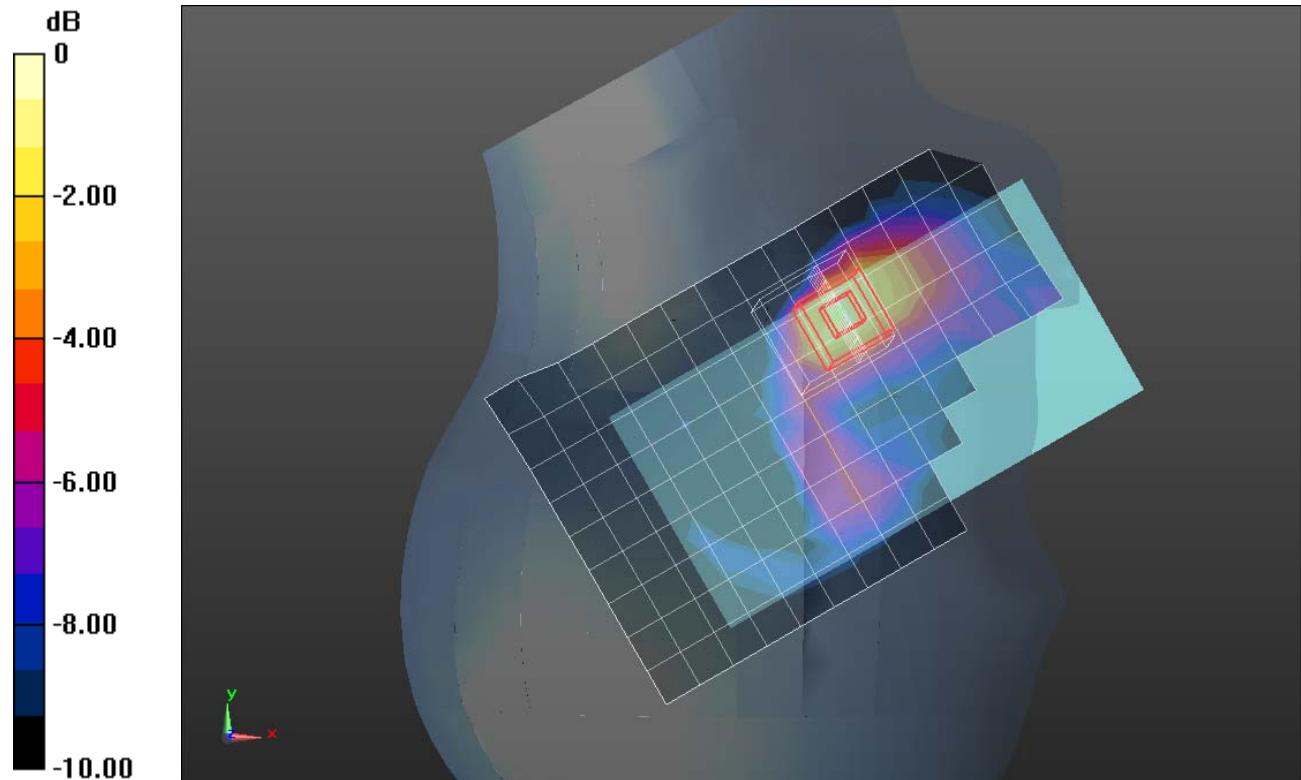
Reference Value = 6.623 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.174 W/kg

**SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.044 W/kg**

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

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg



## LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.6; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.193$  S/m;  $\epsilon_r = 51.137$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2014
- Probe: EX3DV4 - SN3686; ConvF(6.53, 6.53, 6.53); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Edge 3/QPSK\_1/0 RB\_Ch.40620/Area Scan (8x11x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.489 W/kg

**Edge 3/QPSK\_1/0 RB\_Ch.40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

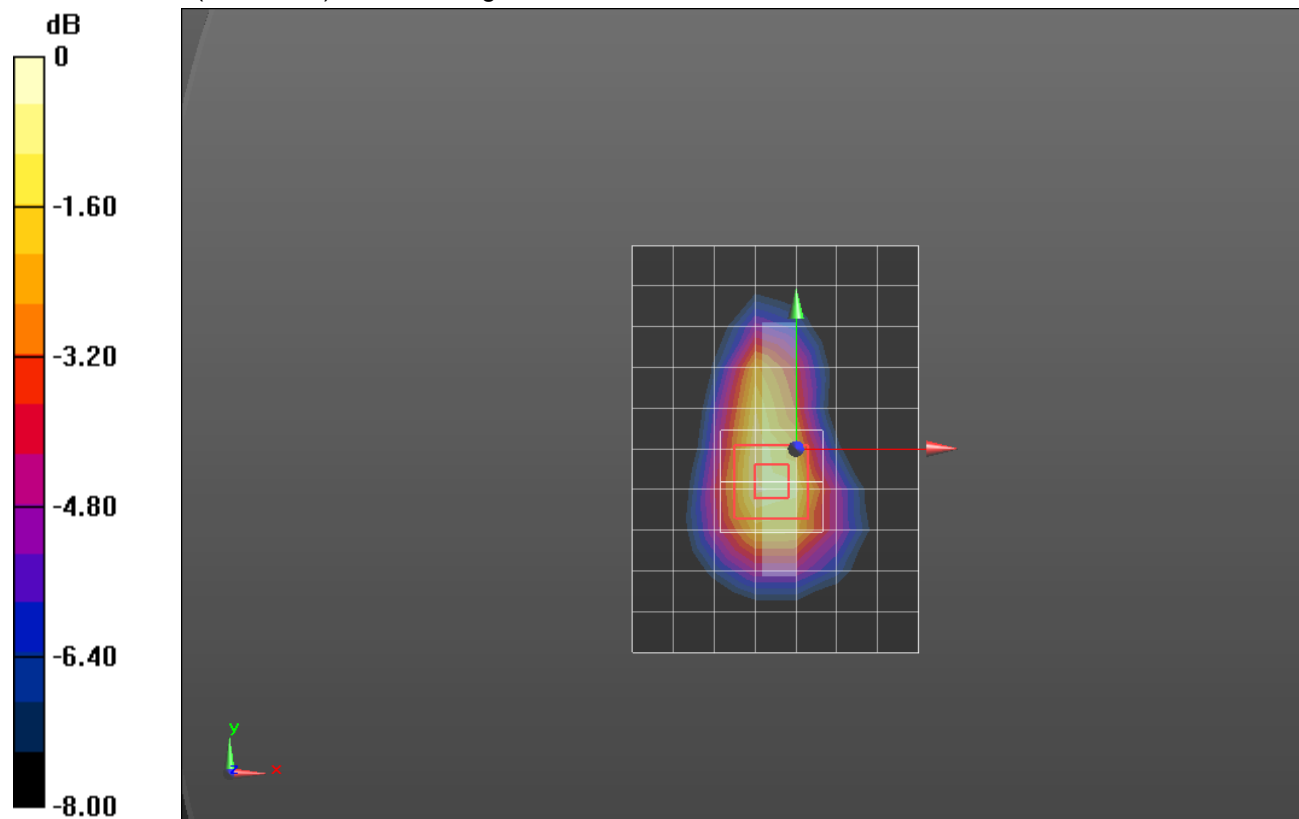
Reference Value = 14.944 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.750 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.210 W/kg**

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

Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg

## 2.4 GHz Wi-Fi

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.809$  S/m;  $\epsilon_r = 38.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2014
- Probe: EX3DV4 - SN3686; ConvF(6.87, 6.87, 6.87); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

**LHS/Tilt\_802.11b\_ch 6/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.445 W/kg

**LHS/Tilt\_802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

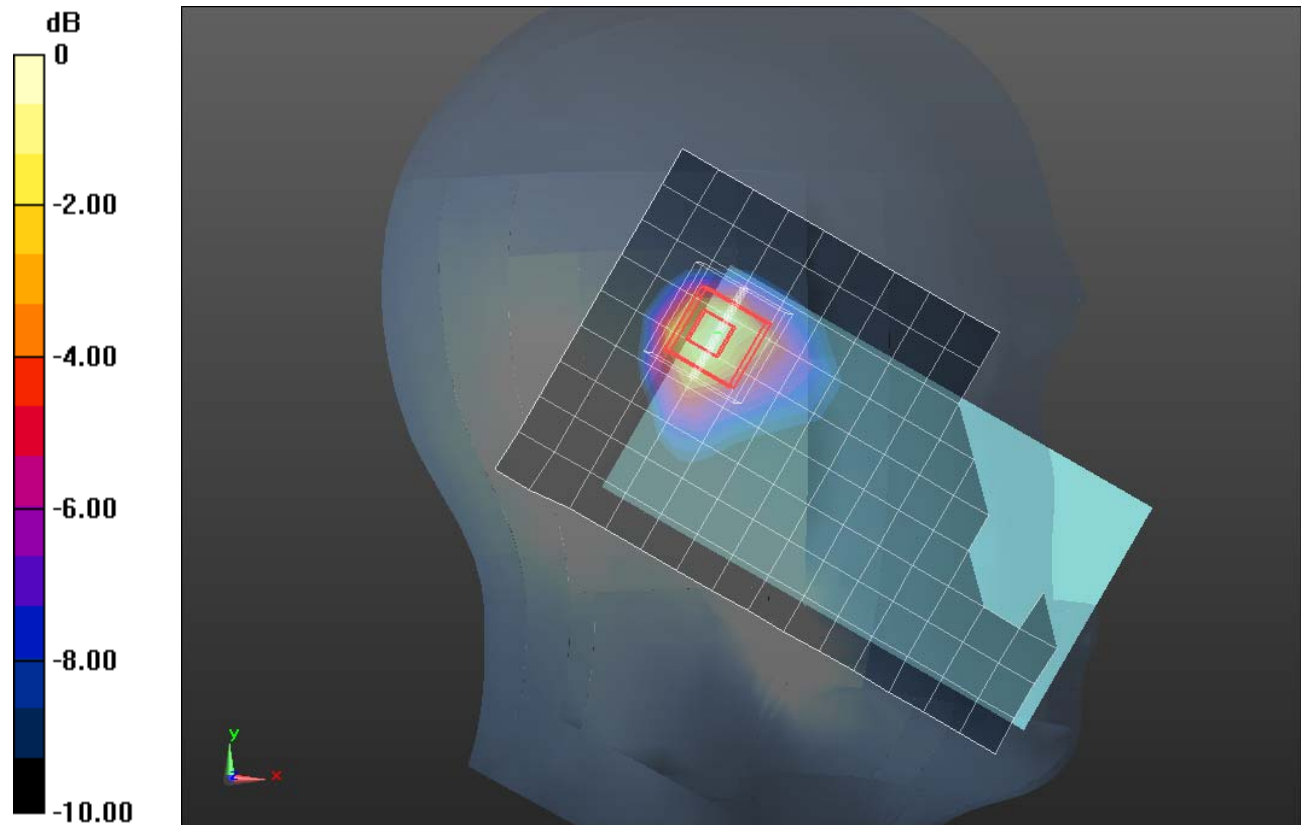
Reference Value = 15.700 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.822 W/kg

**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.163 W/kg**

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

Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

## 2.4 GHz Wi-Fi

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.006$  S/m;  $\epsilon_r = 51.597$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2014
- Probe: EX3DV4 - SN3686; ConvF(6.79, 6.79, 6.79); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Rear/802.11b\_ch 6/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.361 W/kg

**Rear/802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

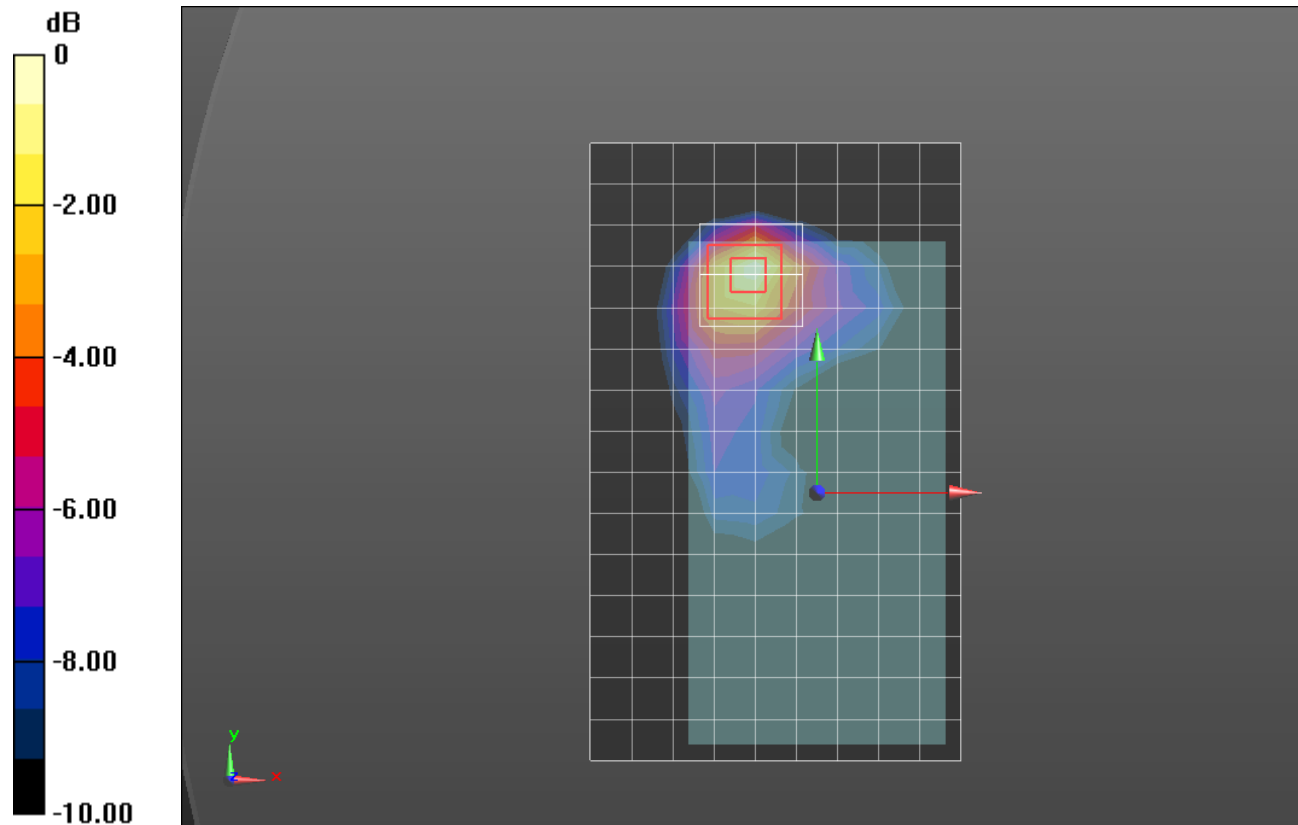
Reference Value = 5.237 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.523 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.115 W/kg**

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

Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg

## WIFI 5.8GHz

Frequency: 5805 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 5.104 \text{ S/m}$ ;  $\epsilon_r = 36.073$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(4.4, 4.4, 4.4); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Tilt\_802.11a\_Ch 161/Area Scan (10x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.04 W/kg

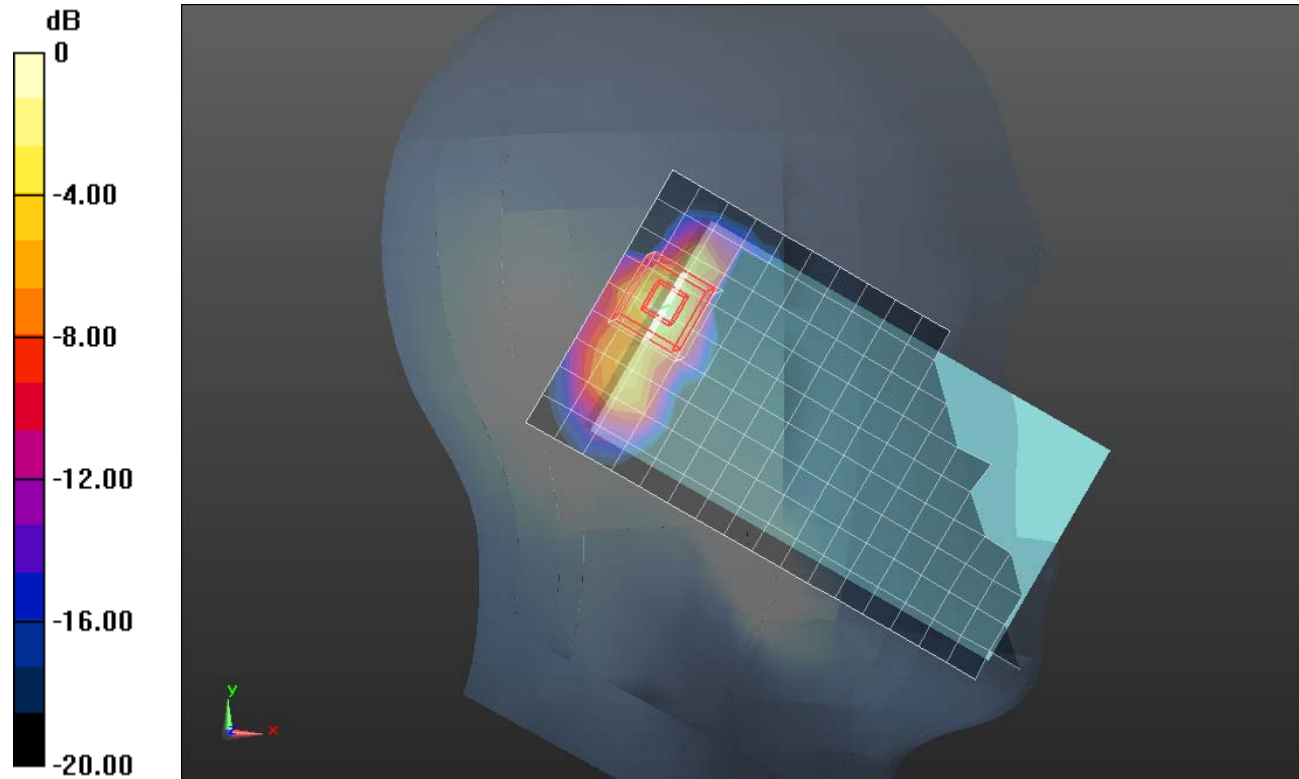
**LHS/Tilt\_802.11a\_Ch 161/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.924 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.61 W/kg

**SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

### Wi-Fi 5GHz (battery cover)

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.082 \text{ S/m}$ ;  $\epsilon_r = 47.478$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(3.86, 3.86, 3.86); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/802.11a\_Ch 149/Area Scan (12x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.502 W/kg

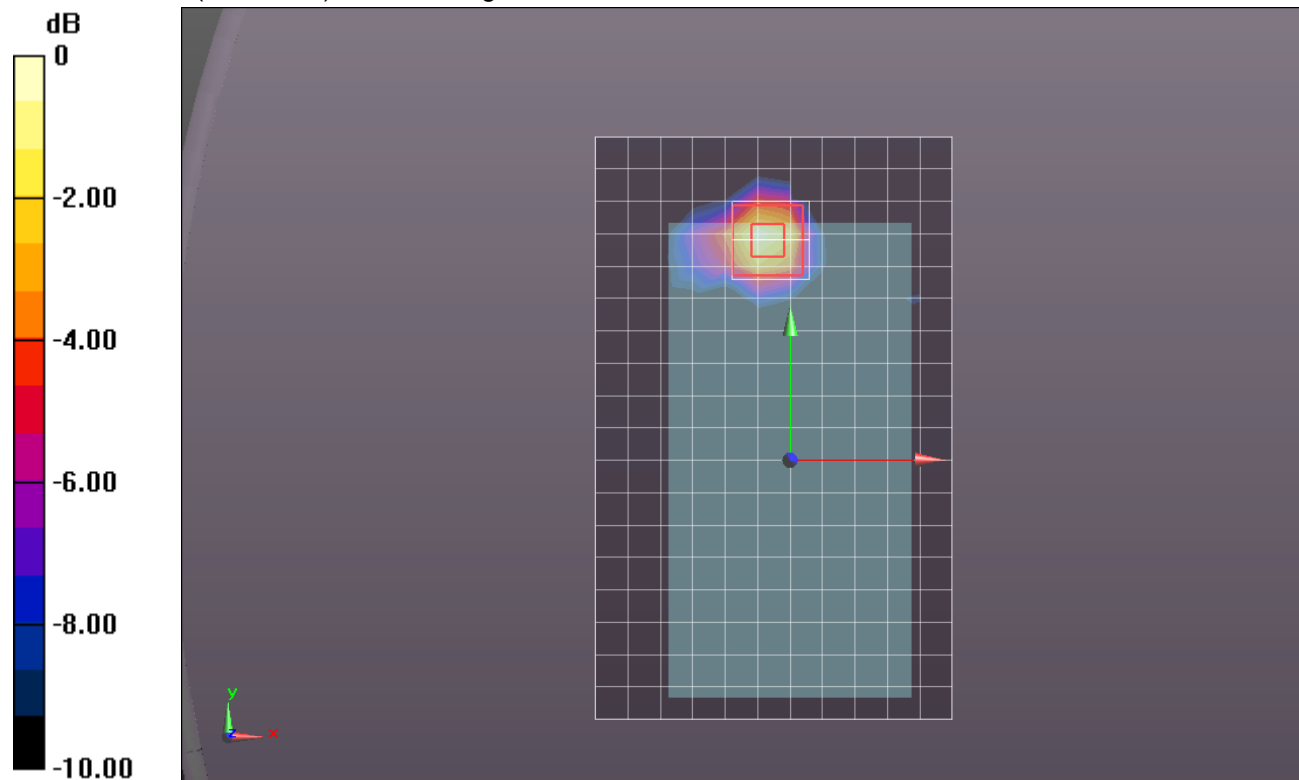
**Rear/802.11a\_Ch 149/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.241 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.916 W/kg

**SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

## WIFI 5GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 4.956 \text{ S/m}$ ;  $\epsilon_r = 36.262$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(4.39, 4.39, 4.39); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**LHS/Touch\_802.11a\_Ch 132/Area Scan (10x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.889 W/kg

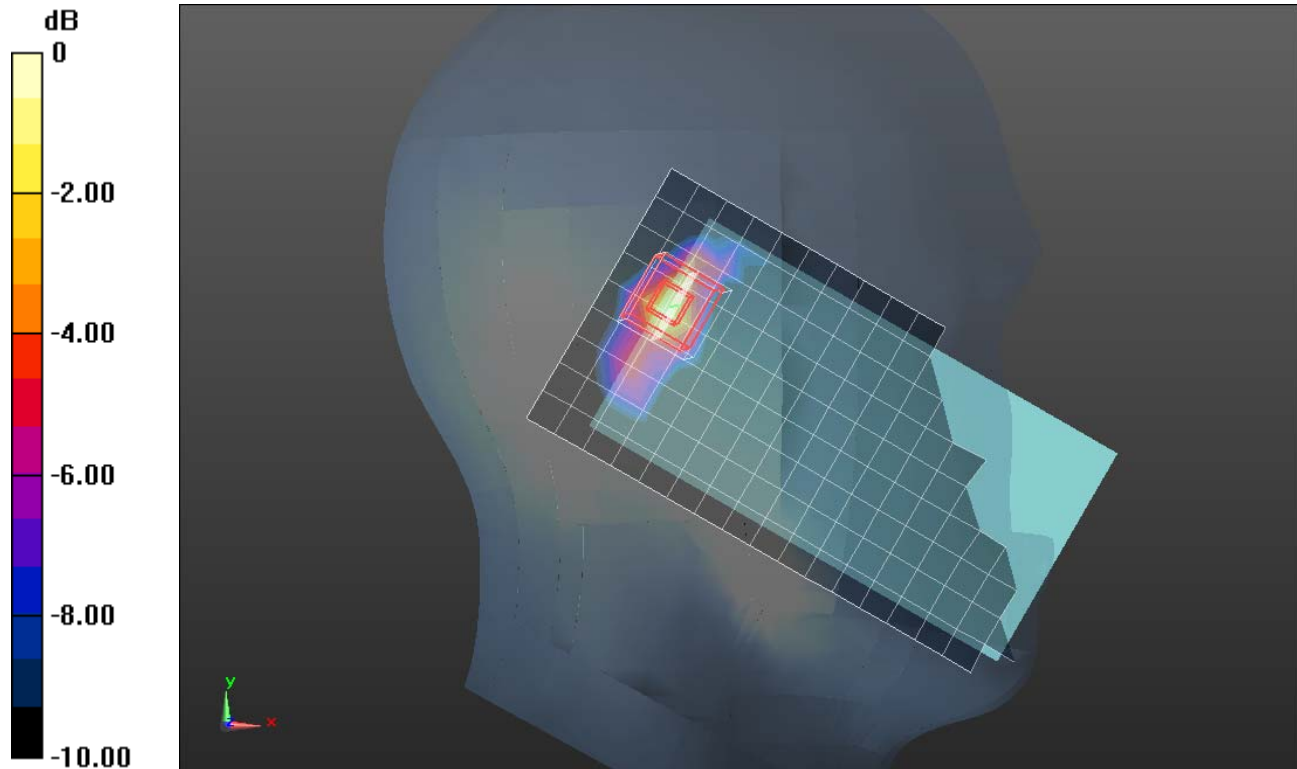
**LHS/Touch\_802.11a\_Ch 132/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.610 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

## WIFI 5GHz

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

Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 4.451 \text{ S/m}$ ;  $\epsilon_r = 36.891$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(4.92, 4.92, 4.92); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Touch\_802.11a\_Ch 36/Area Scan (10x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.441 W/kg

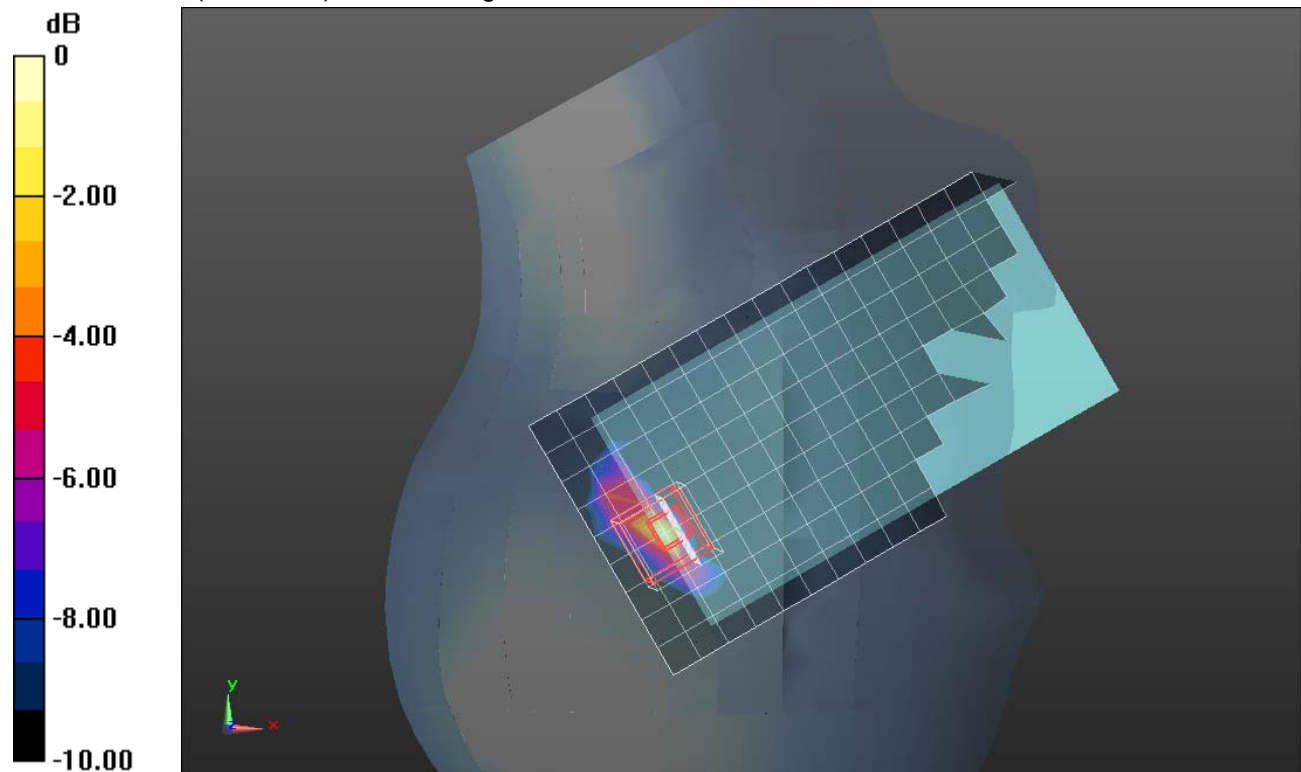
**RHS/Touch\_802.11a\_Ch 36/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.245 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg



## 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;  $\sigma = 4.6$  S/m;  $\epsilon_r = 36.692$ ;  $\rho = 1000$  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 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(4.71, 4.71, 4.71); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

**RHS/Tilt\_802.11a\_Ch 64/Area Scan (10x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.915 W/kg

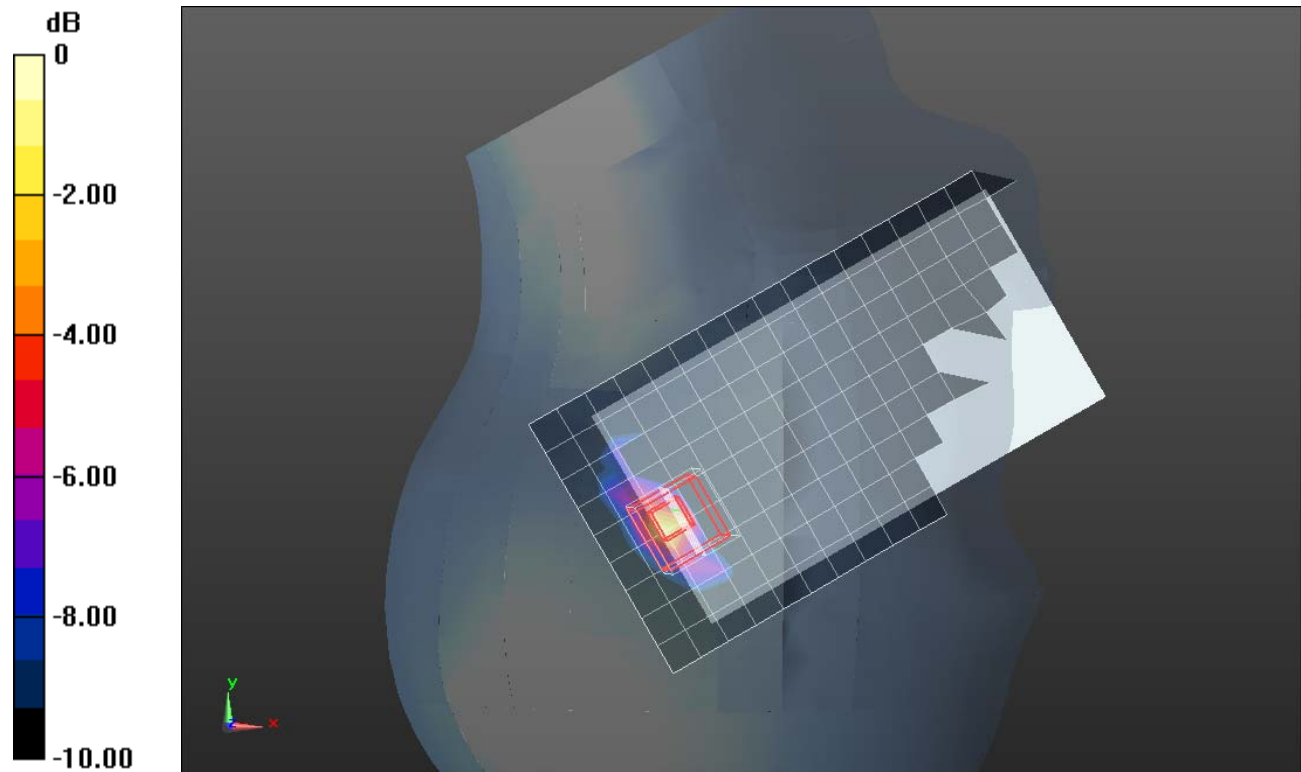
**RHS/Tilt\_802.11a\_Ch 64/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.066 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.68 W/kg

**SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.137 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg



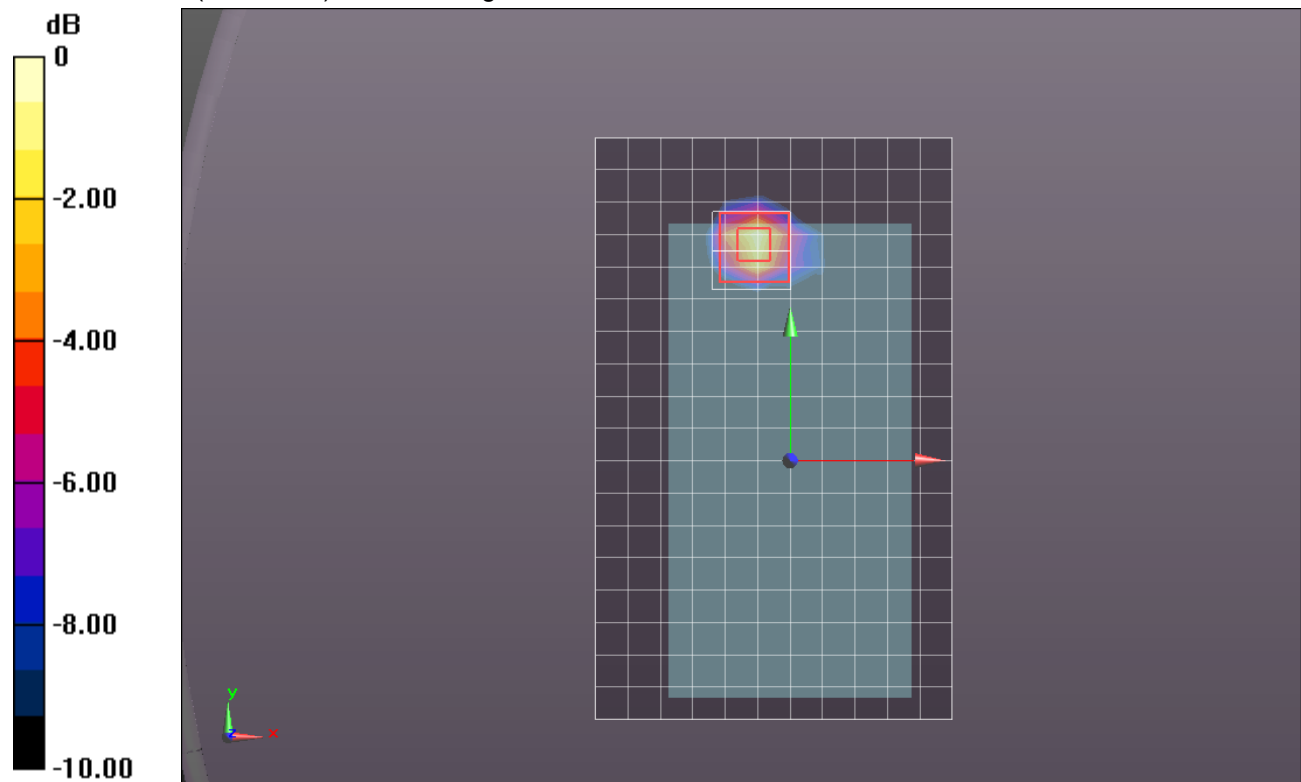
## Wi-Fi 5GHz battery cover

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 5.338 \text{ S/m}$ ;  $\epsilon_r = 48.369$ ;  $\rho = 1000 \text{ kg/m}^3$   
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(4.27, 4.27, 4.27); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/802.11a\_Ch 36/Area Scan (12x19x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 0.287 W/kg

**Rear/802.11a\_Ch 36/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 7.930 V/m; Power Drift = 0.17 dB  
 Peak SAR (extrapolated) = 0.594 W/kg  
**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.043 W/kg**  
 Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

## Wi-Fi 5GHz battery cover

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

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.531$  S/m;  $\epsilon_r = 48.152$ ;  $\rho = 1000$  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 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(4.05, 4.05, 4.05); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/802.11a\_Ch 64/Area Scan (12x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.414 W/kg

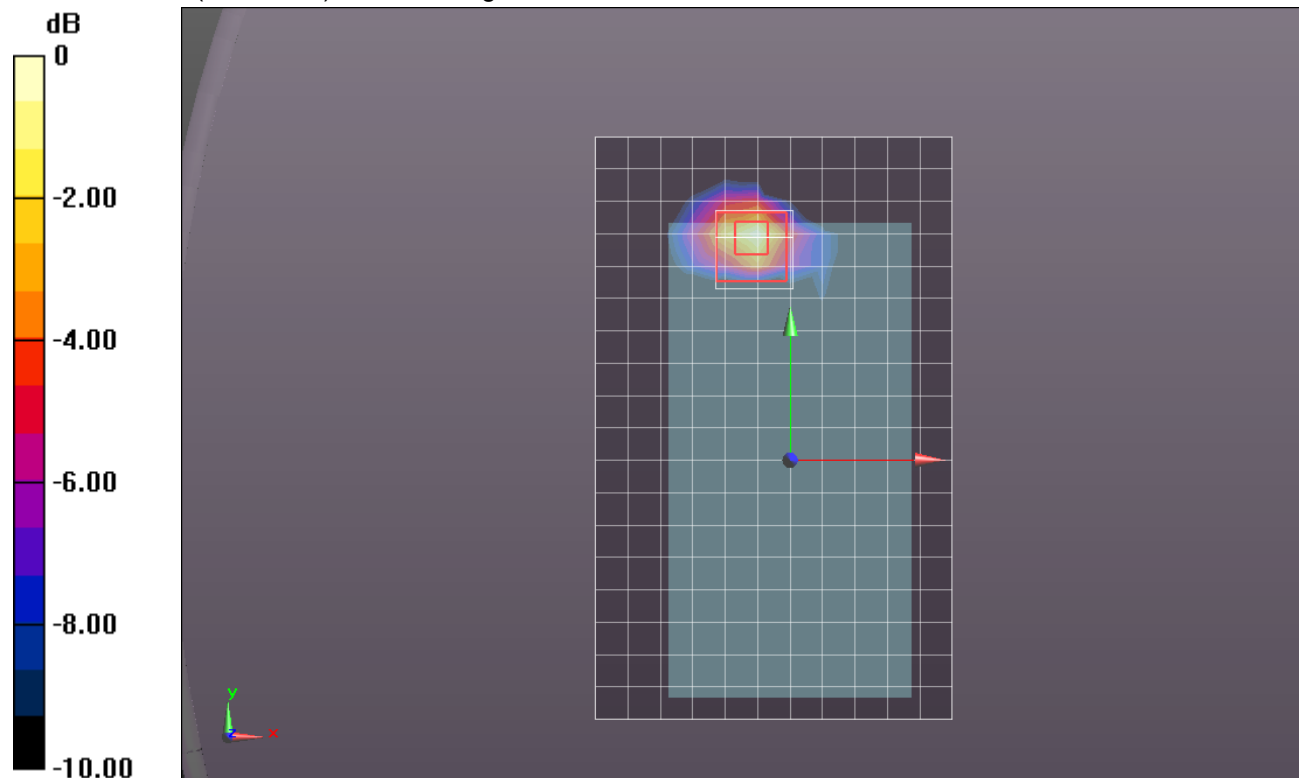
**Rear/802.11a\_Ch 64/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.106 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.734 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.058 W/kg**

Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg

### Wi-Fi 5GHz (battery cover)

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.845 \text{ S/m}$ ;  $\epsilon_r = 47.836$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(3.52, 3.52, 3.52); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/802.11a\_Ch 116/Area Scan (12x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.497 W/kg

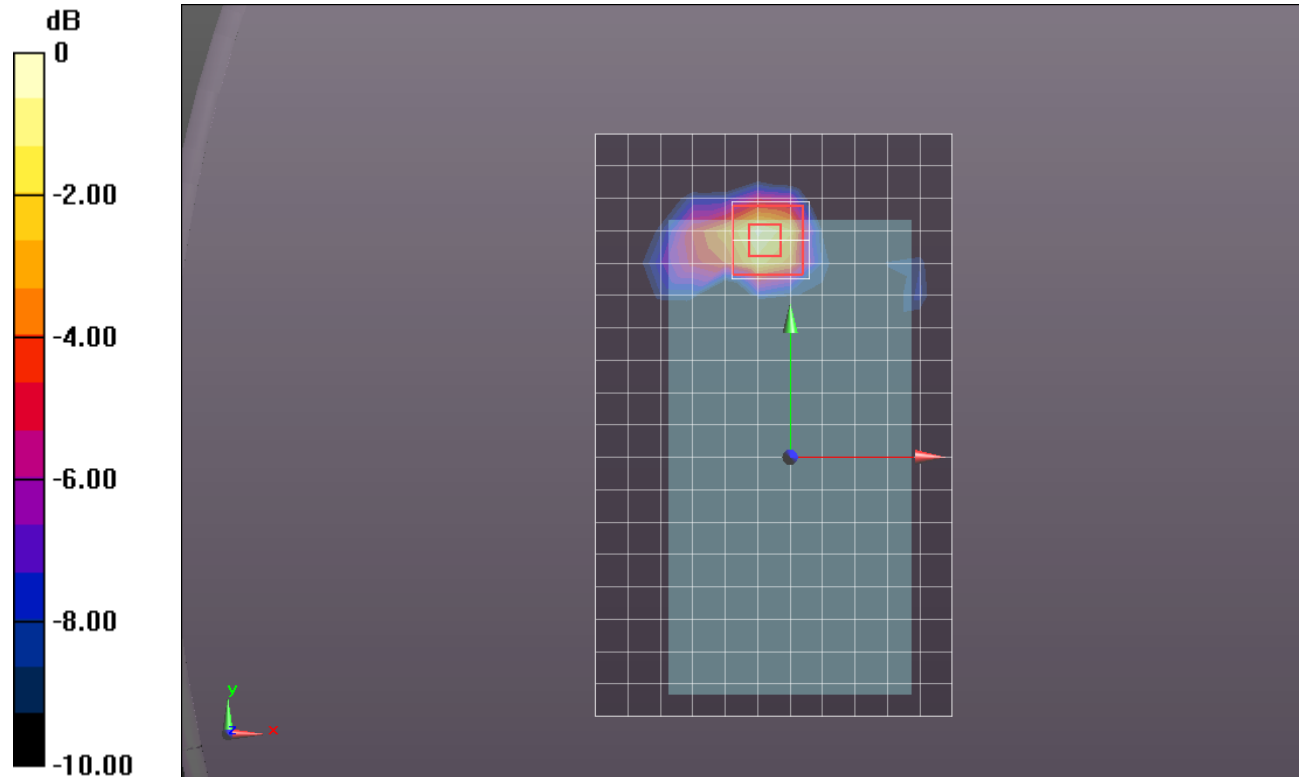
**Rear/802.11a\_Ch 116/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.056 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.984 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.548 W/kg = -2.61 dBW/kg