

## 20130301\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used (interpolated):  $f = 5200$  MHz;  $\sigma = 5.1$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Body/Pin=100mW, d=10mm/5200MHz/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 13.4 mW/g

**Body/Pin=100mW, d=10mm/5200MHz/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

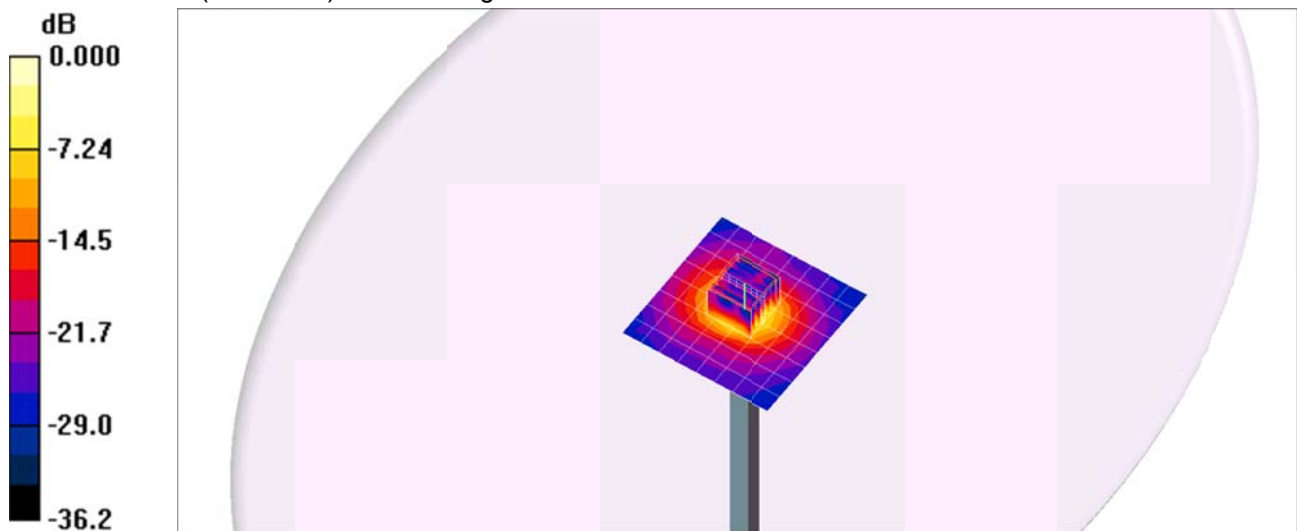
Reference Value = 56.9 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 28.2 W/kg

**SAR(1 g) = 7.04 mW/g; SAR(10 g) = 2 mW/g**

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

Maximum value of SAR (measured) = 15.1 mW/g



0 dB = 15.1mW/g

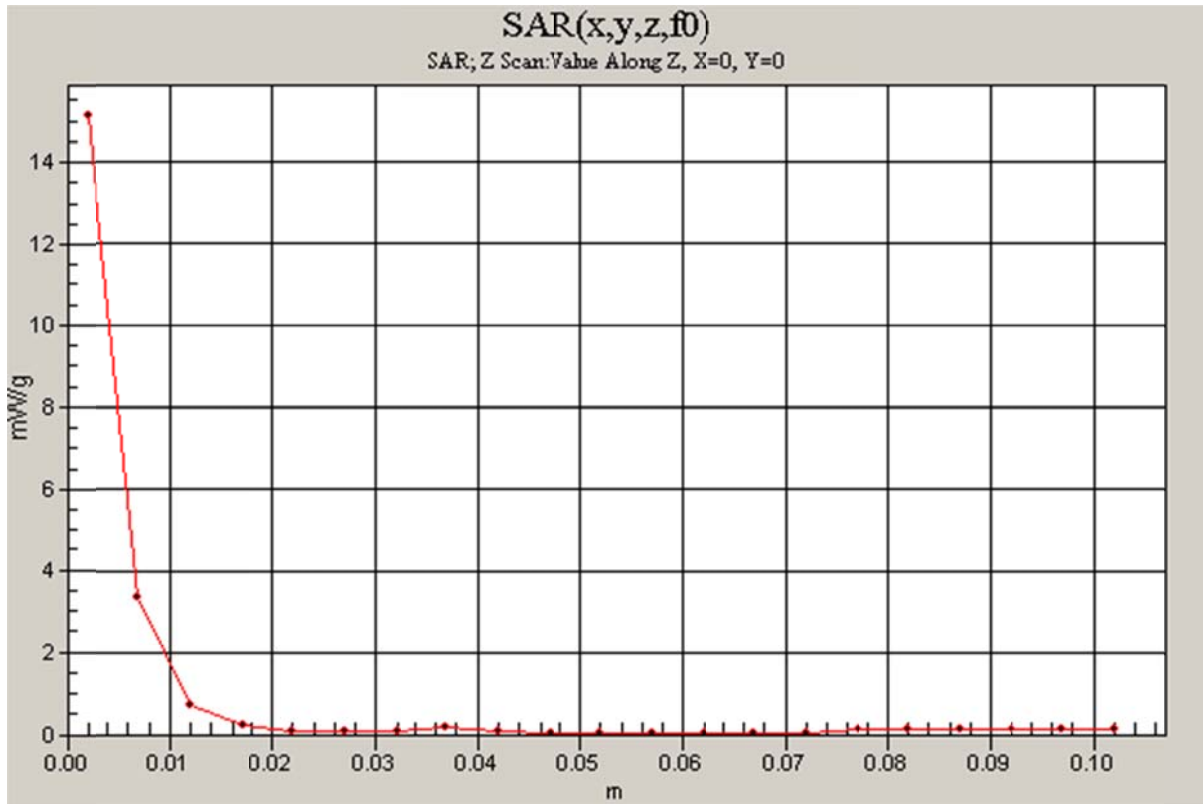
### 20130301\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/5200MHz/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 15.1 mW/g



## 20130301\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5300.2 \text{ MHz}$ ;  $\sigma = 5.22 \text{ mho/m}$ ;  $\epsilon_r = 48.9$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Body/Pin=100mW, d=10mm/5300MHz/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 14.5 mW/g

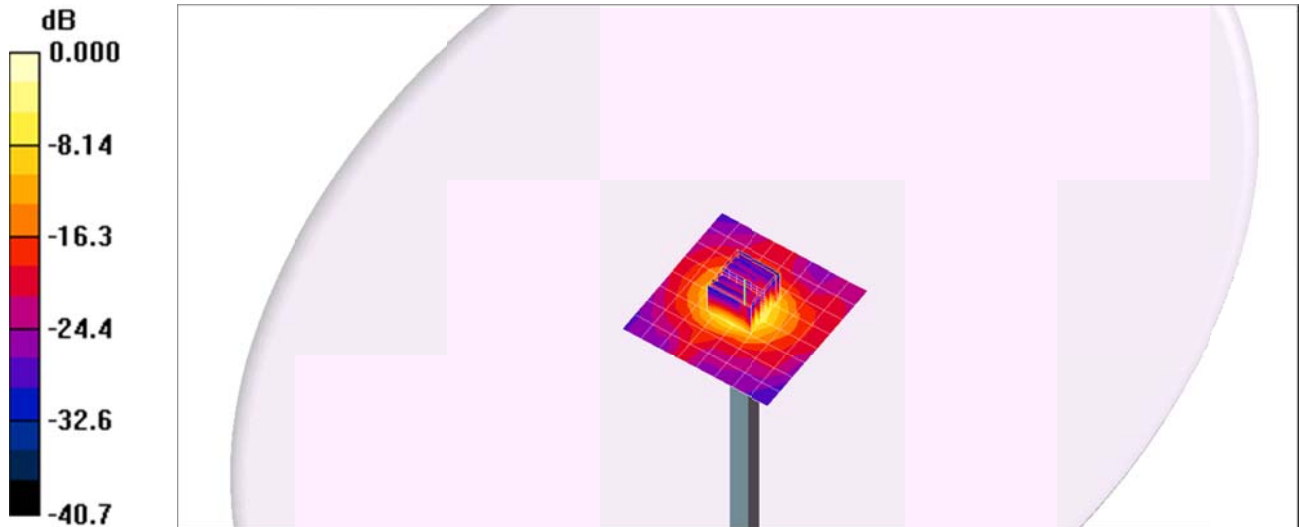
**Body/Pin=100mW, d=10mm/5300MHz/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 58.5 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 29.7 W/kg

**SAR(1 g) = 7.53 mW/g; SAR(10 g) = 2.14 mW/g**

Maximum value of SAR (measured) = 15.9 mW/g

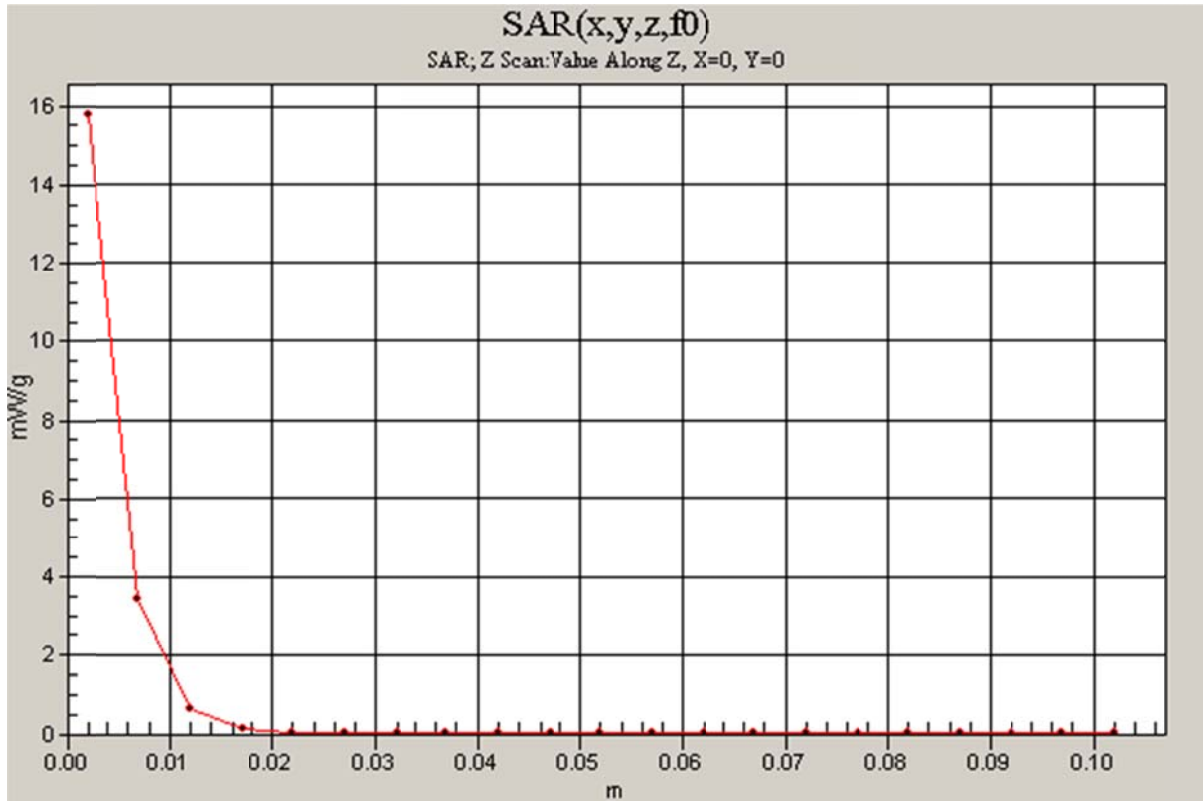


0 dB = 15.9mW/g

### 20130301\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/5300MHz/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 15.8 mW/g



## 20130304\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5600.5$  MHz;  $\sigma = 5.59$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Body/Pin=100mW, d=10mm/5600MHz/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.5 mW/g

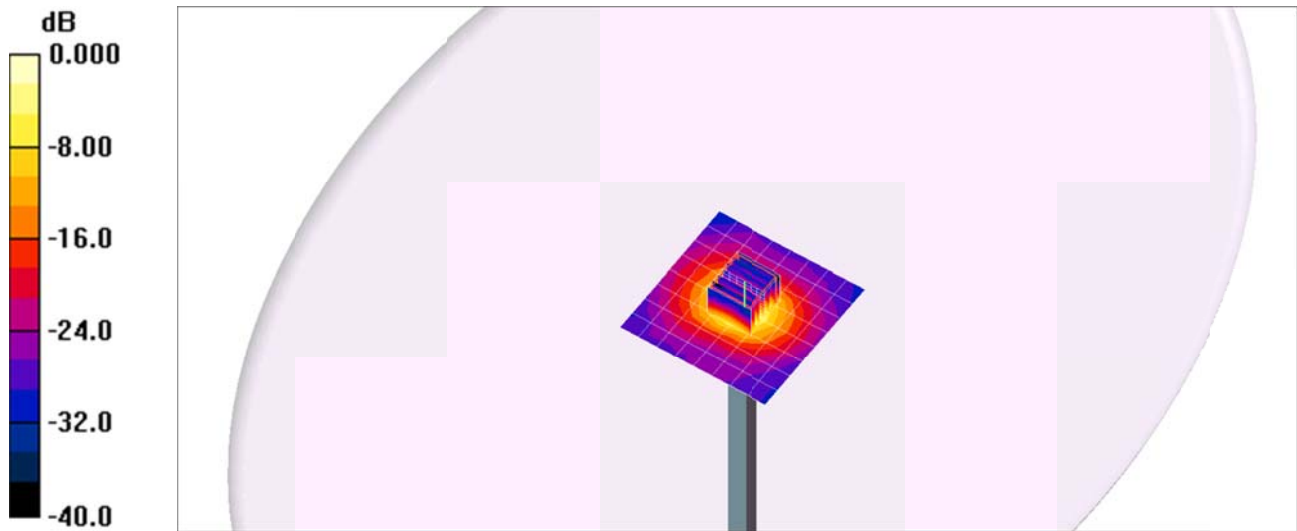
**Body/Pin=100mW, d=10mm/5600MHz/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 60.0 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 33.7 W/kg

**SAR(1 g) = 7.79 mW/g; SAR(10 g) = 2.18 mW/g**

Maximum value of SAR (measured) = 16.9 mW/g



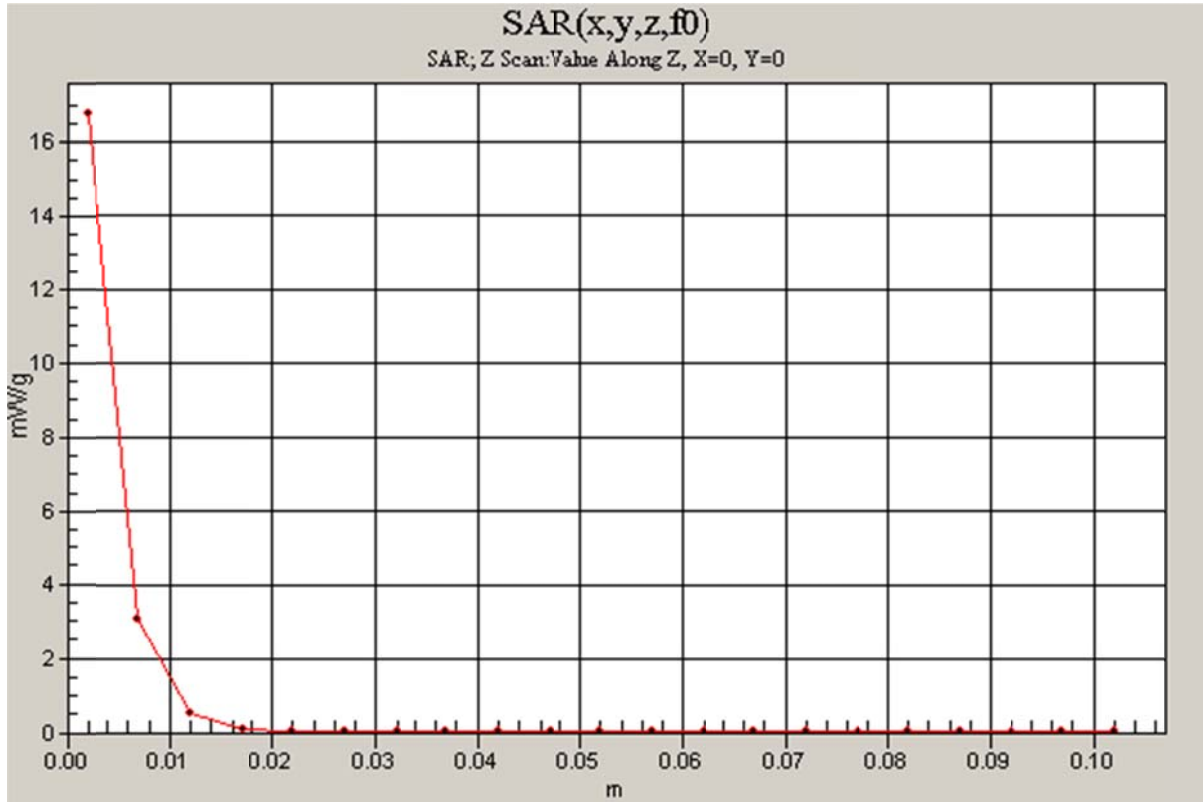
0 dB = 16.9mW/g

### 20130304\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/5600MHz/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 16.8 mW/g



## 20130305\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5800$  MHz;  $\sigma = 5.9$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Body/Pin=100mW, d=10mm/5800MHz/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 16.3 mW/g

**Body/Pin=100mW, d=10mm/5800MHz/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

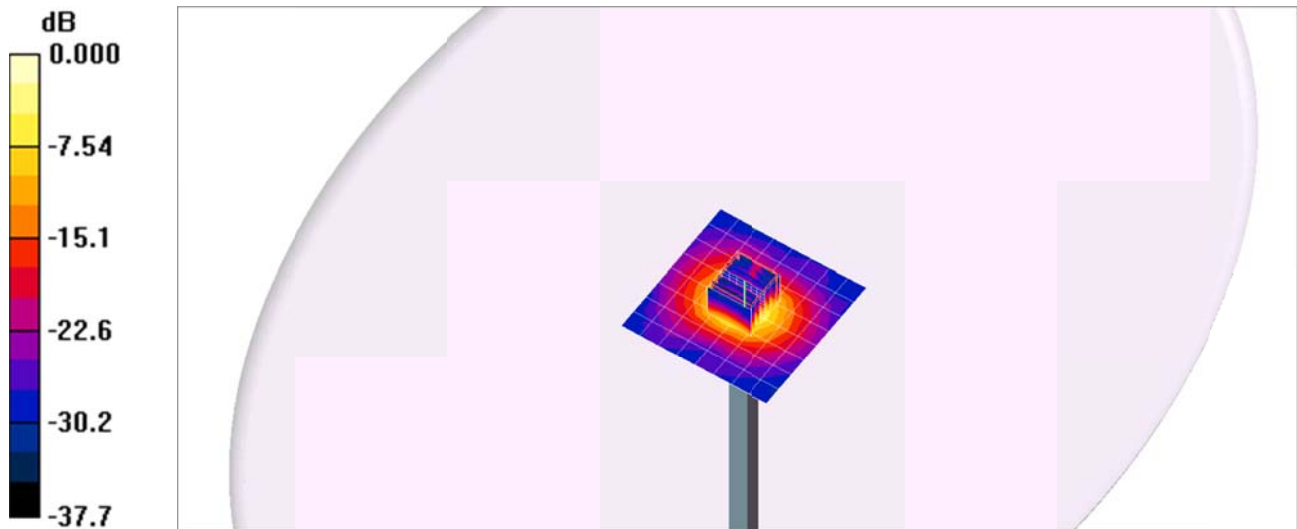
Reference Value = 59.0 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 30.8 W/kg

**SAR(1 g) = 7.48 mW/g; SAR(10 g) = 2.11 mW/g**

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

Maximum value of SAR (measured) = 16.1 mW/g



0 dB = 16.1mW/g

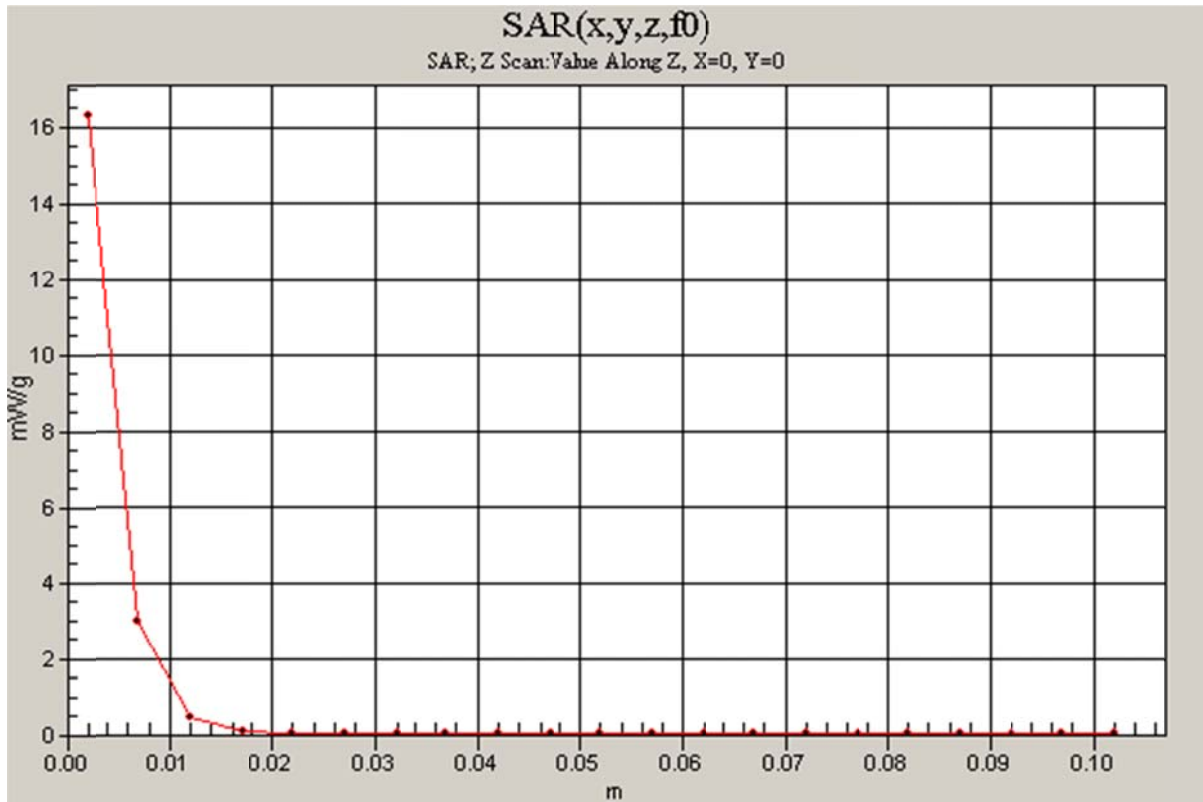
## 20130305\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/5800MHz 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 16.3 mW/g





## 20130305\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5300.2$  MHz;  $\sigma = 5.2$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Body/Pin=100mW, d=10mm/5300MHz/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.6 mW/g

**Body/Pin=100mW, d=10mm/5300MHz/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

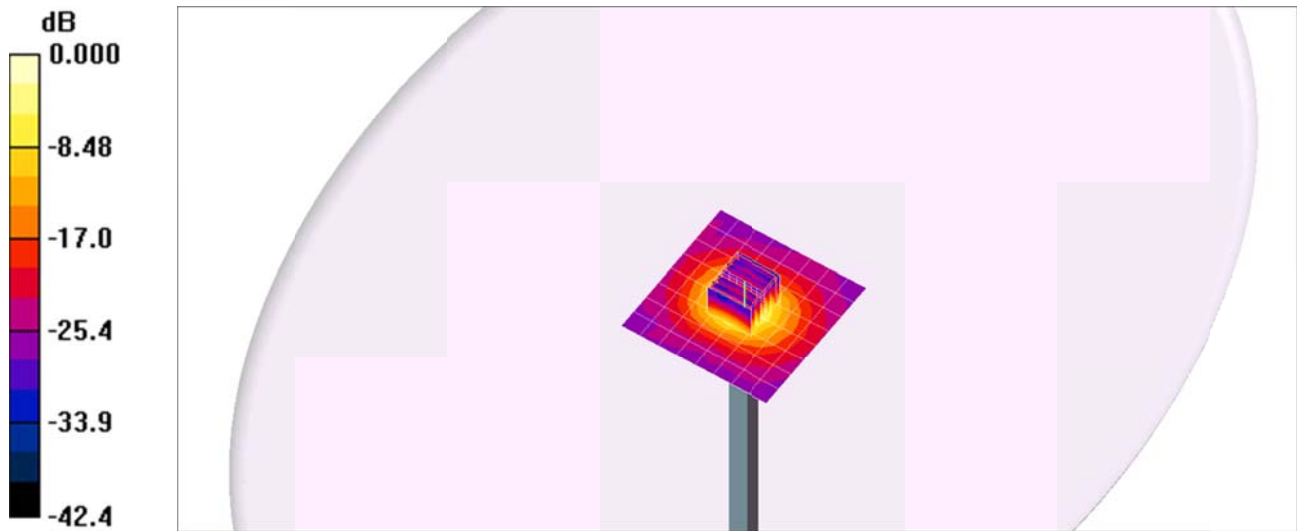
dy=4mm, dz=2.5mm

Reference Value = 62.5 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 31.2 W/kg

**SAR(1 g) = 7.69 mW/g; SAR(10 g) = 2.18 mW/g**

Maximum value of SAR (measured) = 16.4 mW/g



0 dB = 16.4mW/g

## 20130306\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5200$  MHz;  $\sigma = 5.09$  mho/m;  $\epsilon_r = 49.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Body/Pin=100mW, d=10mm/5200MHz/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 13.7 mW/g

**Body/Pin=100mW, d=10mm/5200MHz/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 58.3 V/m; Power Drift = -0.090 dB

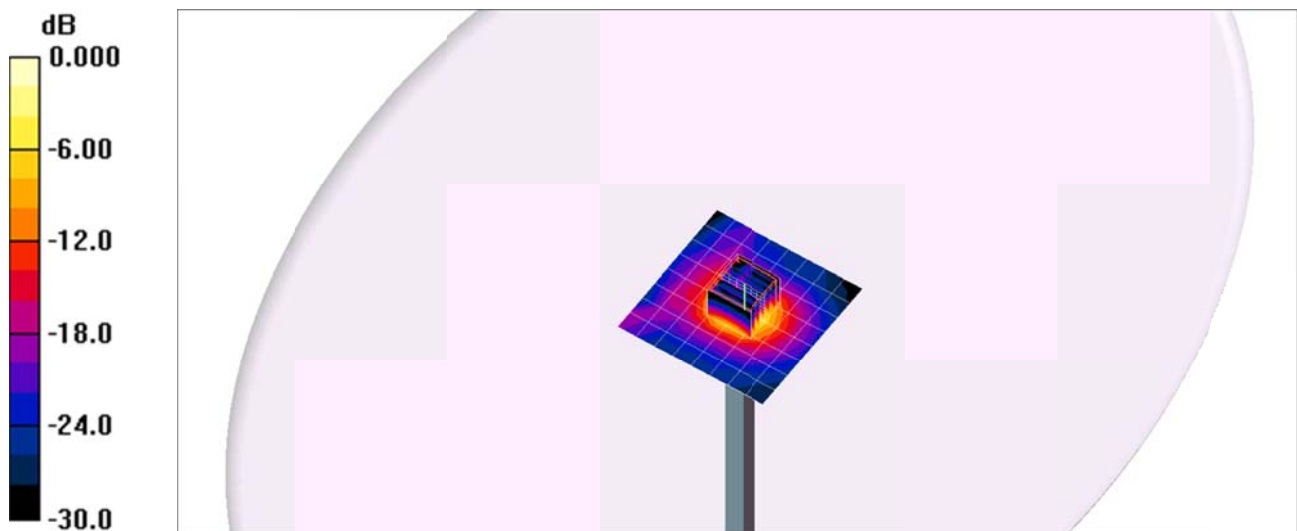
Peak SAR (extrapolated) = 29.4 W/kg

Peak SAR (extrapolated) = 29.4 W/kg

**SAR(1 g) = 7.18 mW/g; SAR(10 g) = 2.04 mW/g**

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

Maximum value of SAR (measured) = 15.3 mW/g



0 dB = 15.3mW/g

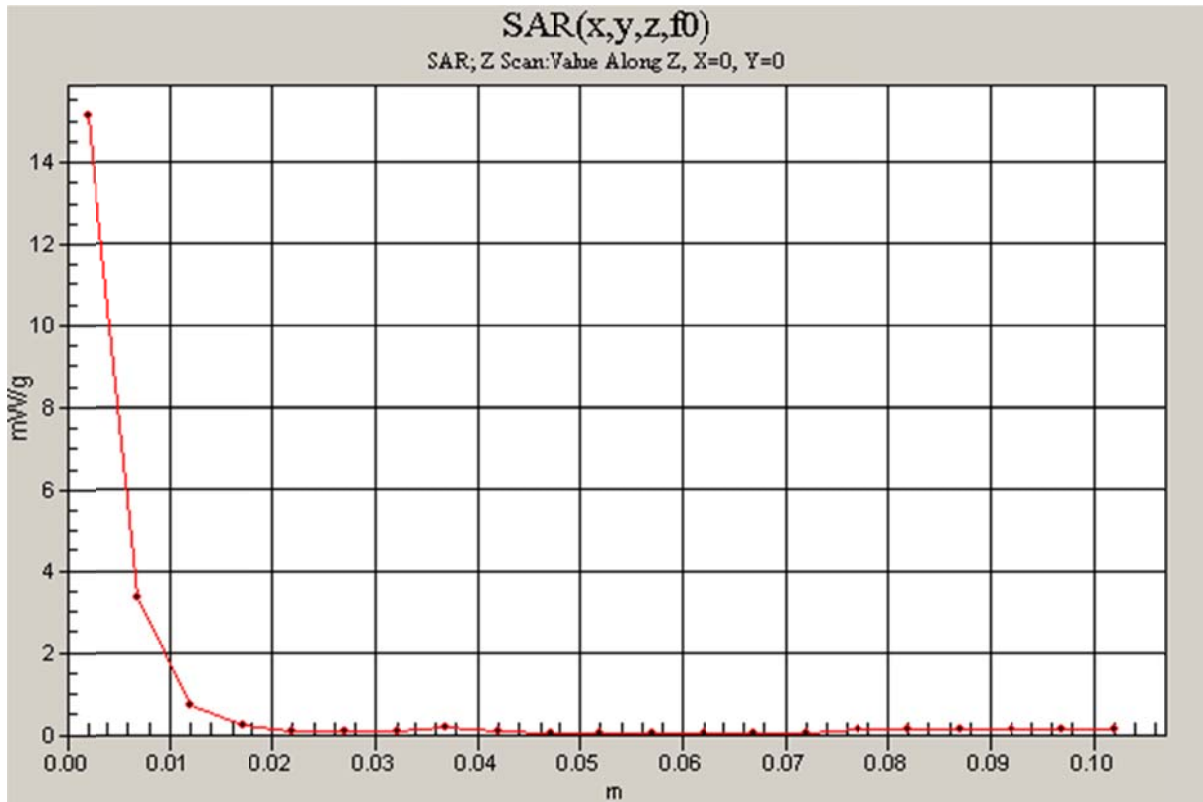
## 20130306\_System Check\_Dipole5GHzV2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/5200MHz/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 15.1 mW/g



## 20130306\_System Check\_Dipole2450V2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(6.06, 6.06, 6.06); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Body/Pin=100mW, d=10mm/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 5.85 mW/g

**Body/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

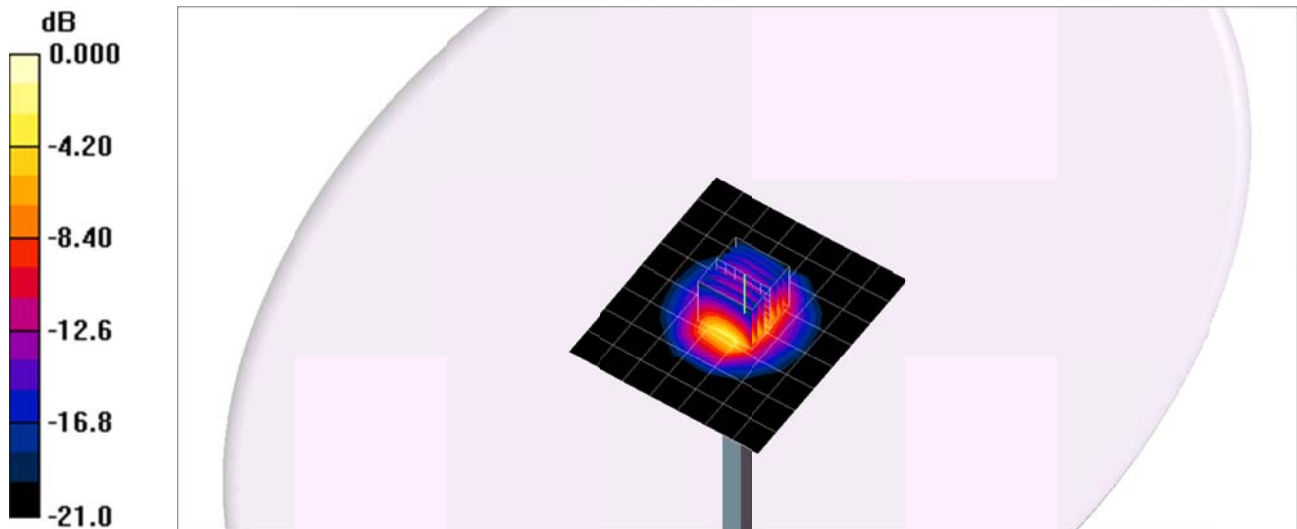
Reference Value = 65.5 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 10.8 W/kg

**SAR(1 g) = 5.29 mW/g; SAR(10 g) = 2.5 mW/g**

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

Maximum value of SAR (measured) = 8.00 mW/g



0 dB = 8.00mW/g

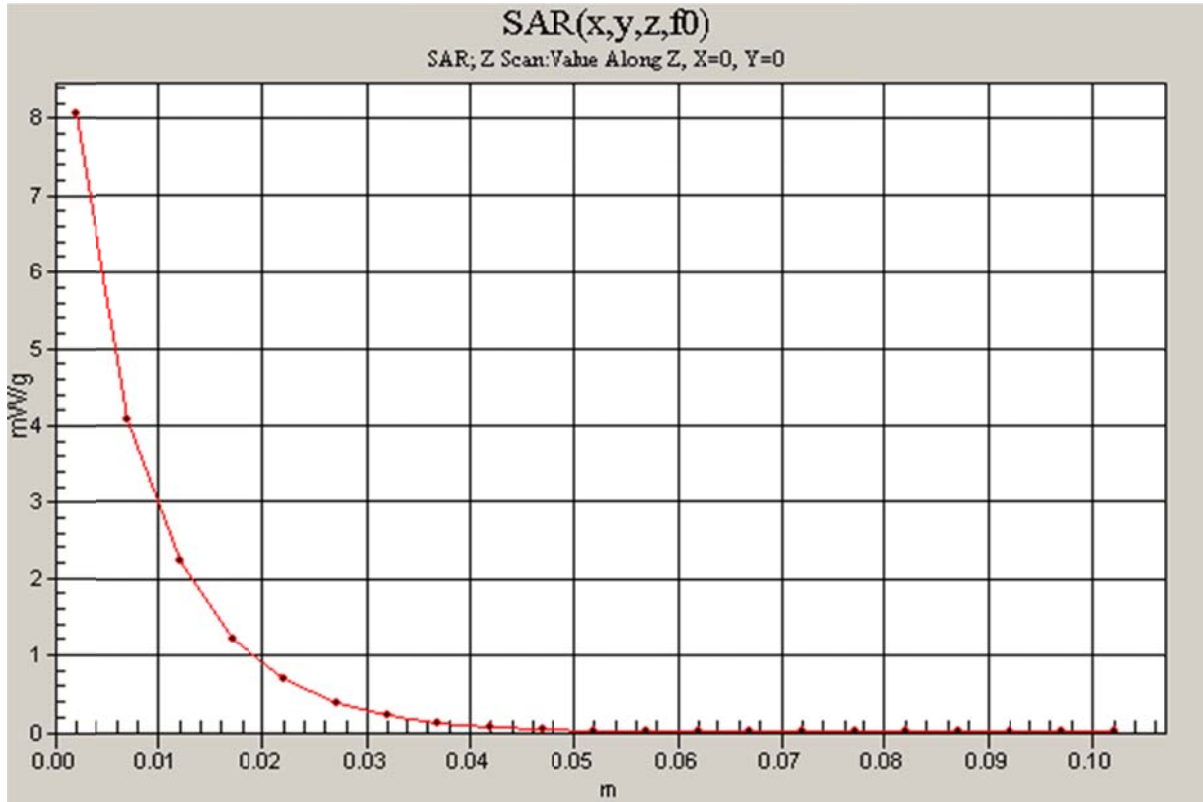
## 20130306\_System Check\_Dipole2450V2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 8.06 mW/g



## WiFi 2.4GHz Band

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 2412.7$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(6.06, 6.06, 6.06); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11b/CH1/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

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

**Bottom/Main Ant/802.11b/CH1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,

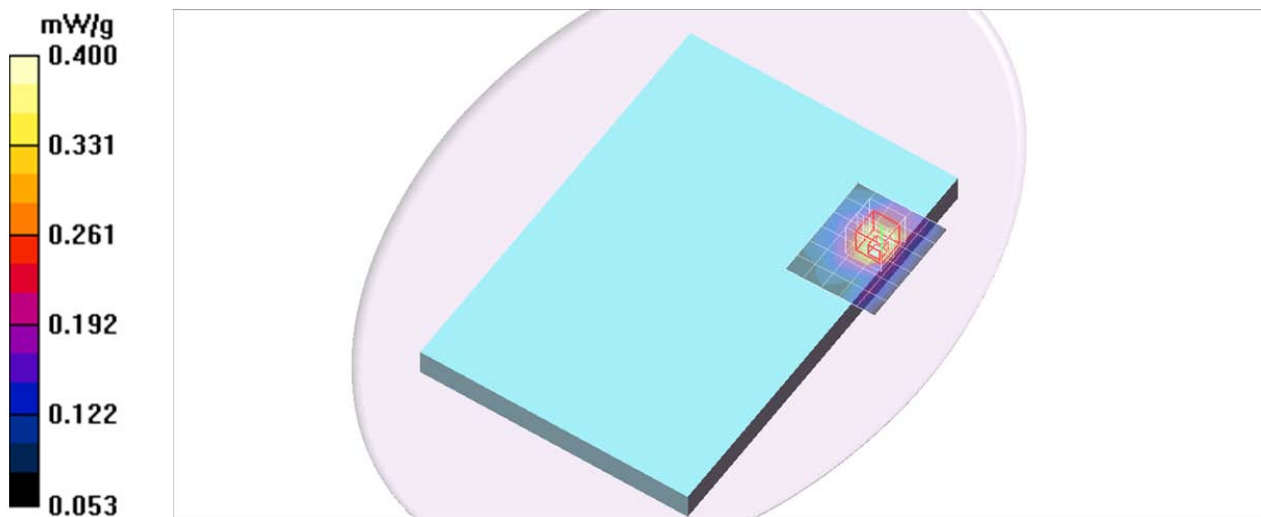
dz=5mm

Reference Value = 3.65 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.909 W/kg

**SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.207 mW/g**

Maximum value of SAR (measured) = 0.585 mW/g



## WiFi 2.4GHz Band

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(6.06, 6.06, 6.06); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11g/CH6/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.776 mW/g

**Bottom/Main Ant/802.11g/CH6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

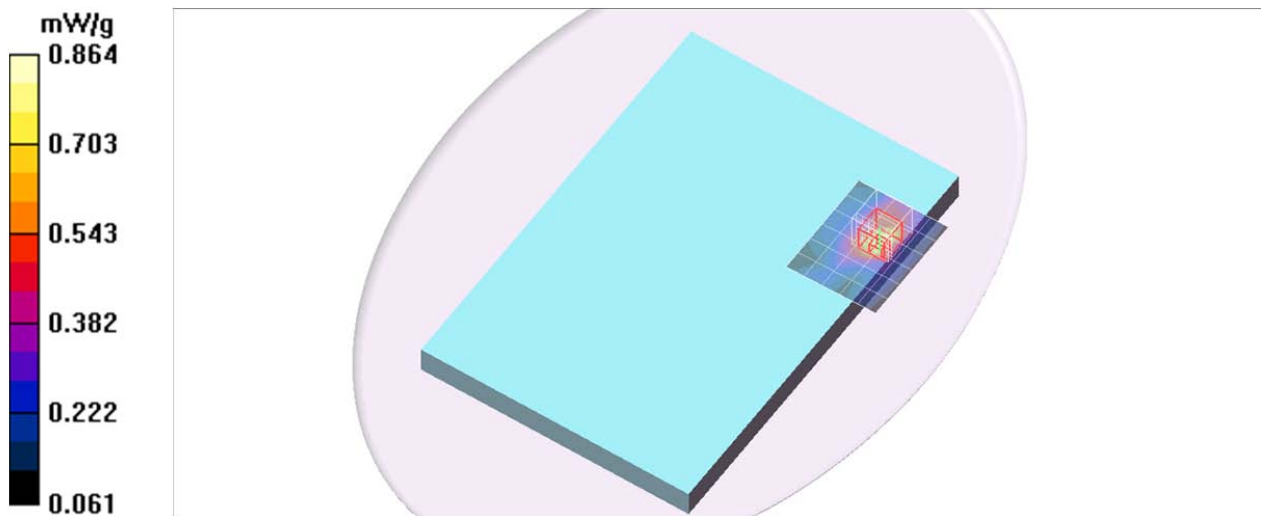
Reference Value = 3.95 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.317 mW/g**

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

Maximum value of SAR (measured) = 0.864 mW/g



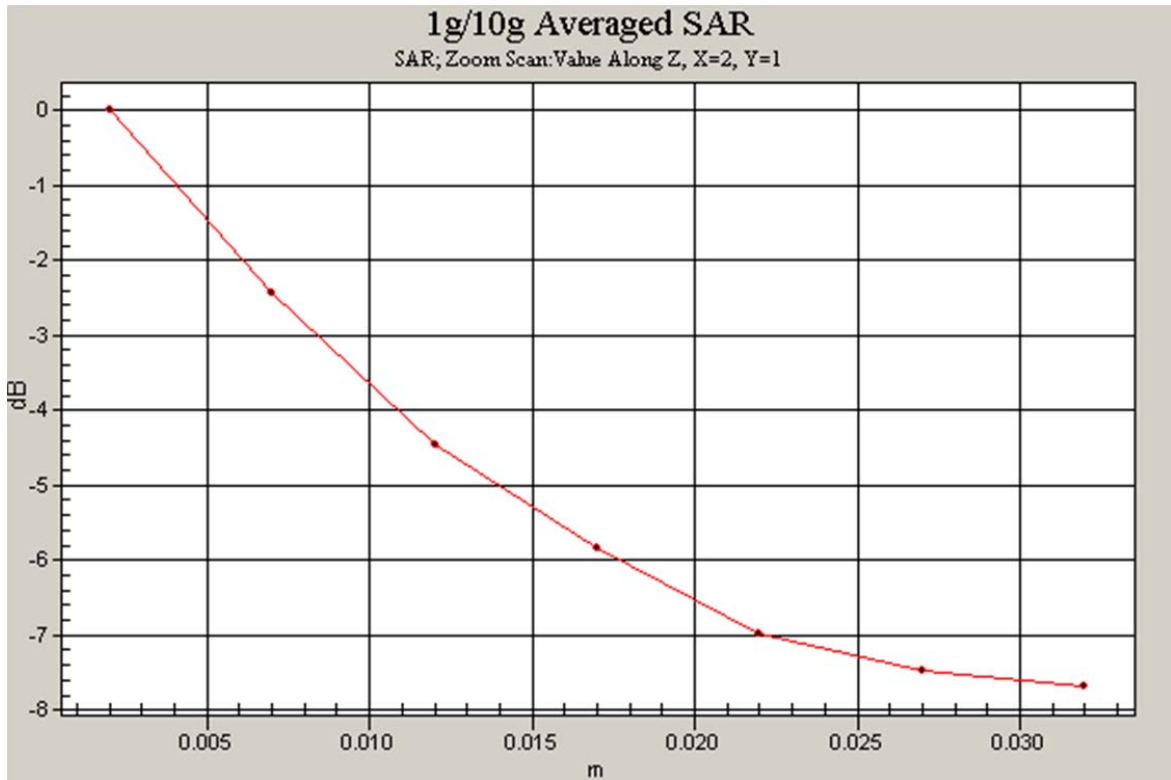
## WiFi 2.4GHz Band

Frequency: 2437 MHz; Duty Cycle: 1:1

**Bottom/Main Ant/802.11g/CH6/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.406 mW/g





## WiFi 2.4GHz Band

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(6.06, 6.06, 6.06); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/CH6/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.334 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

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

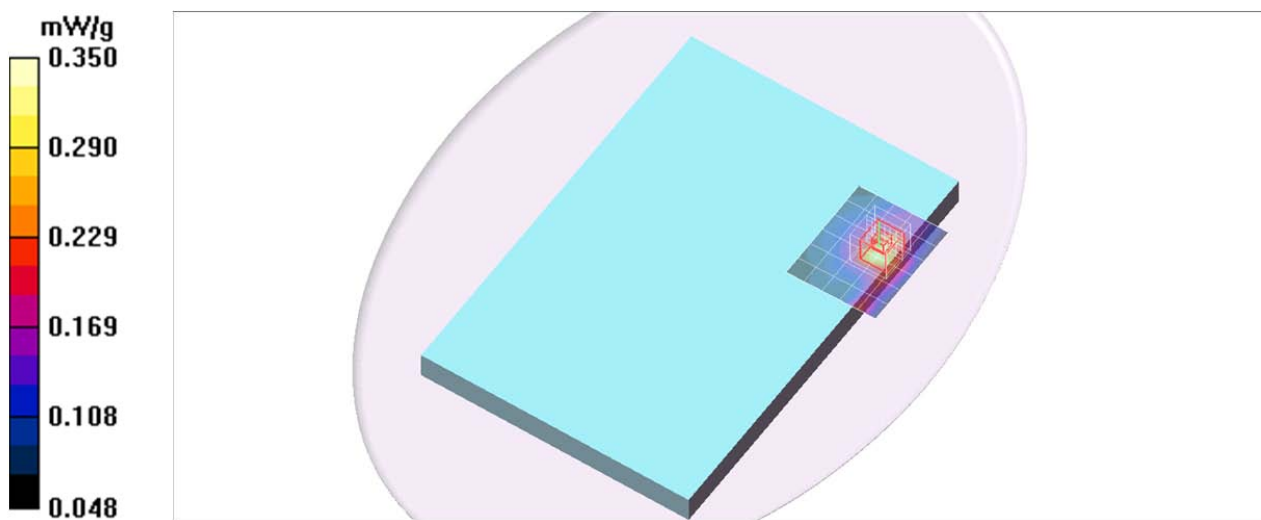
Reference Value = 3.61 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.520 W/kg

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.185 mW/g**

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

Maximum value of SAR (measured) = 0.448 mW/g



## WiFi 5.2GHz Band

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5200$  MHz;  $\sigma = 5.1$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/CH40/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.05 mW/g

**Bottom/Main Ant/802.11a/CH40/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.08 V/m; Power Drift = -0.021 dB

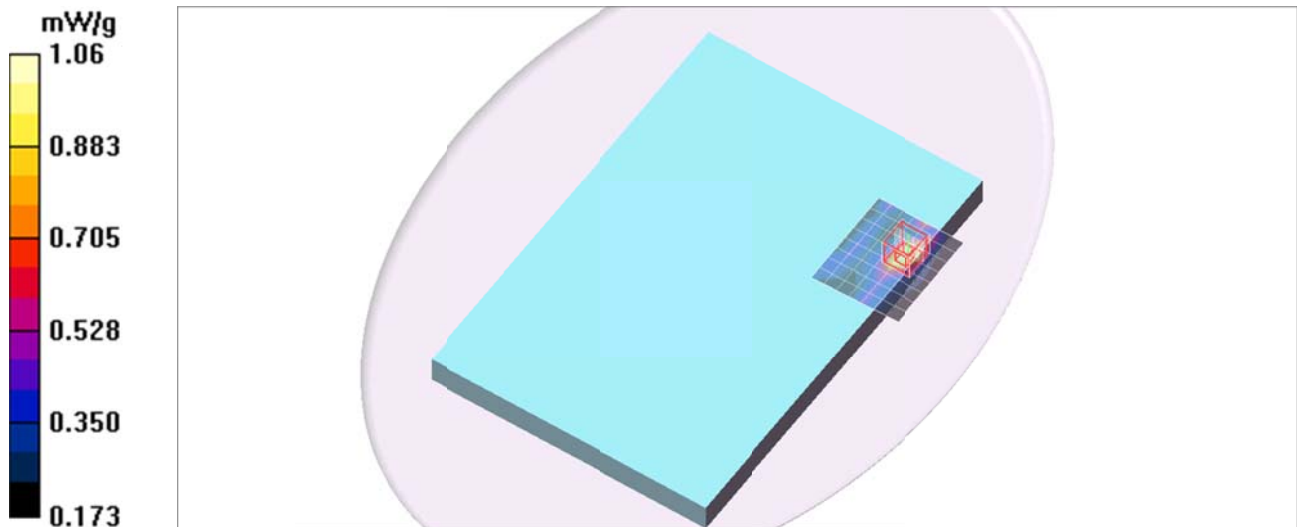
Peak SAR (extrapolated) = 1.94 W/kg

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.375 mW/g**

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

Maximum value of SAR (measured) = 1.06 mW/g



## WiFi 5.2GHz Band

Frequency: 5220 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5220$  MHz;  $\sigma = 5.14$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/CH44/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.10 mW/g

**Bottom/Main Ant/802.11a/CH44/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.05 V/m; Power Drift = -0.045 dB

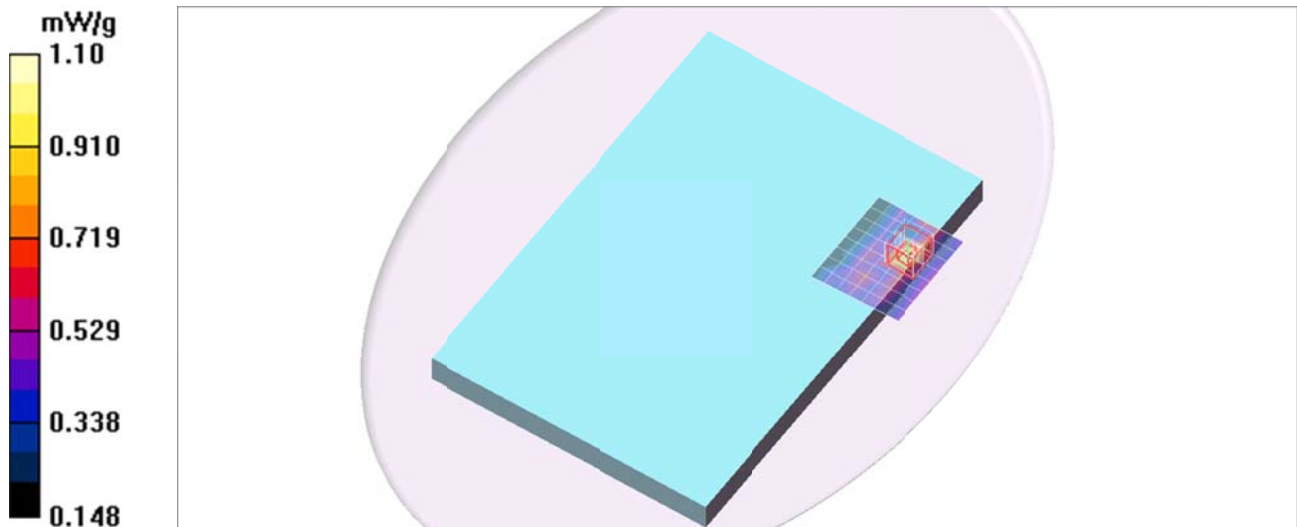
Peak SAR (extrapolated) = 2.65 W/kg

Peak SAR (extrapolated) = 2.65 W/kg

**SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.413 mW/g**

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

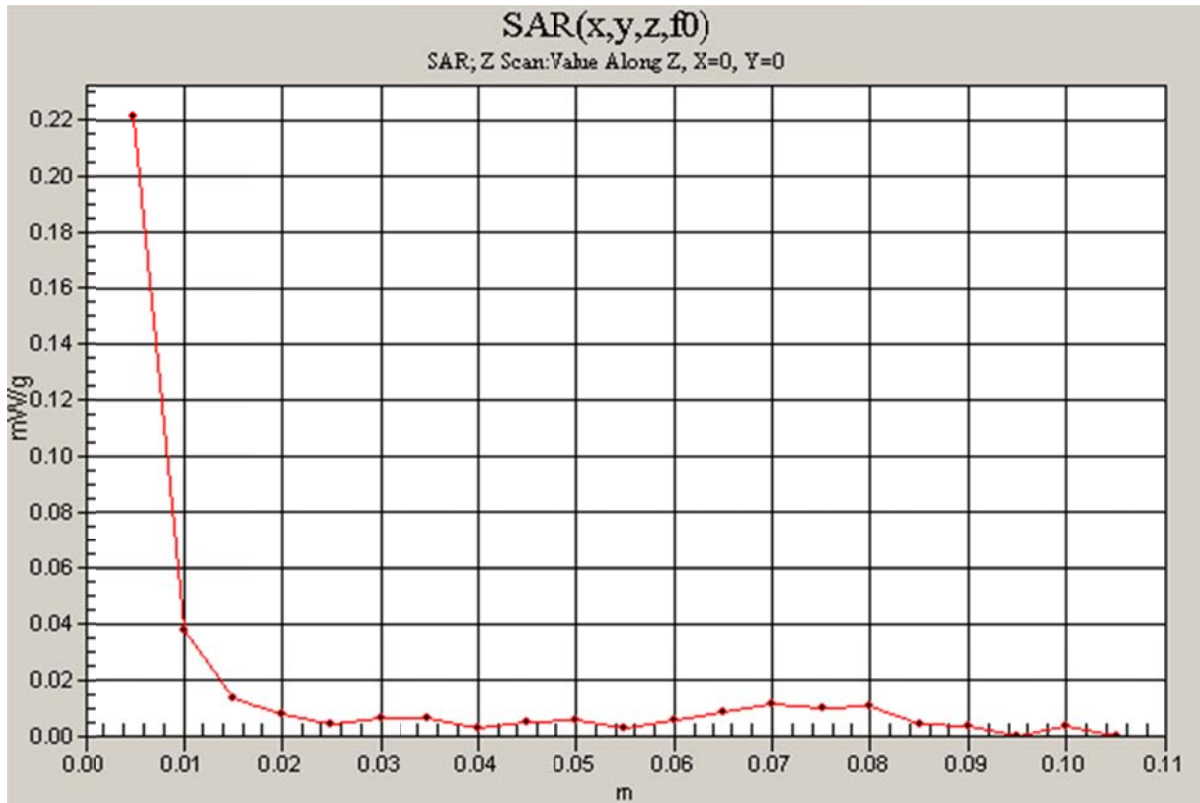
Maximum value of SAR (measured) = 1.33 mW/g



## WiFi 5.2GHz Band

Frequency: 5220 MHz; Duty Cycle: 1:1

**Bottom/Main Ant/802.11a/CH44/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.222 mW/g



## WiFi 5.2GHz Band

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

Medium parameters used (interpolated):  $f = 5180$  MHz;  $\sigma = 5.07$  mho/m;  $\epsilon_r = 49.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/CH36/Area Scan (8x19x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**Bottom/Main+Aux Ant/802.11n HT20/CH36/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.21 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.199 mW/g**

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

Maximum value of SAR (measured) = 0.879 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH36/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

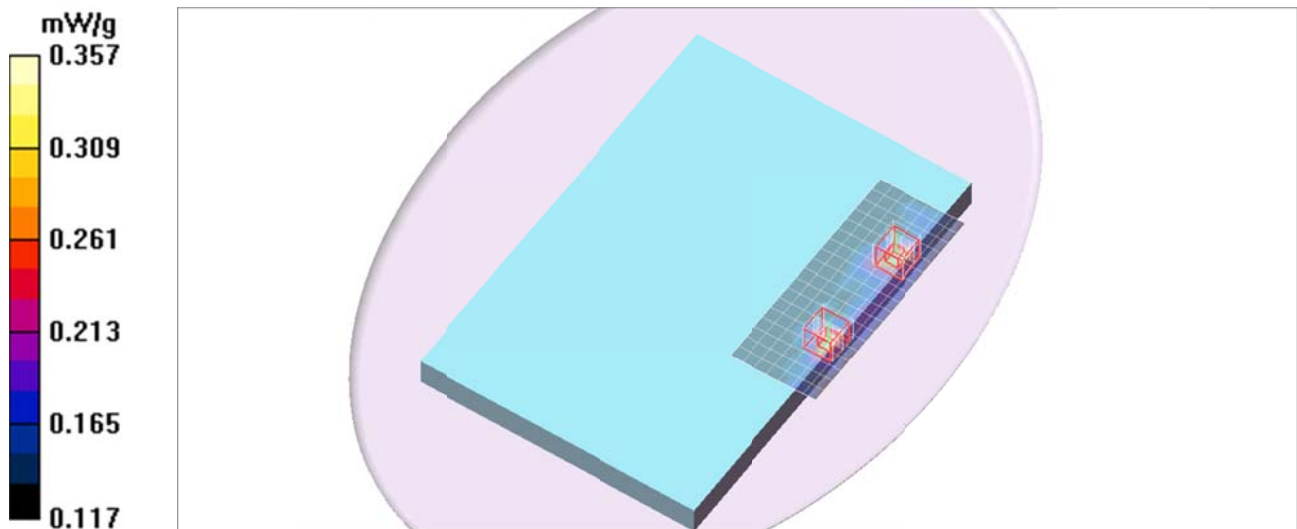
Reference Value = 4.21 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.167 mW/g**

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

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



## WiFi 5.3GHz Band

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

Medium parameters used:  $f = 5260.6$  MHz;  $\sigma = 5.17$  mho/m;  $\epsilon_r = 49$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Antenna/802.11a/CH52/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.15 mW/g

**Bottom/Main Antenna/802.11a/CH52/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

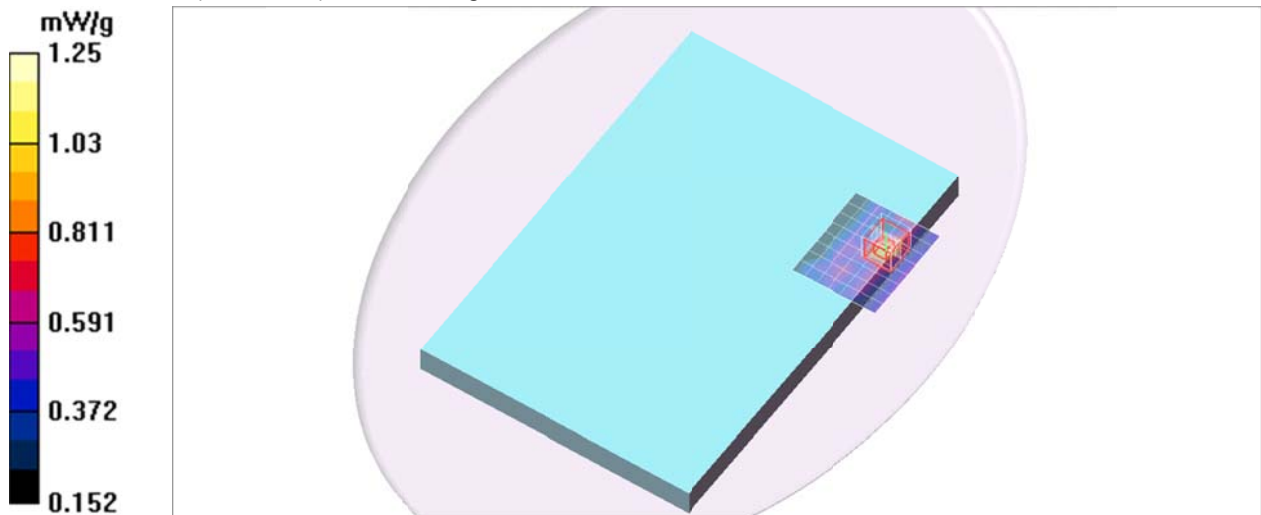
Reference Value = 5.11 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 2.73 W/kg

Peak SAR (extrapolated) = 2.73 W/kg

**SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.525 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g



## WiFi 5.3GHz Band

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5300.2$  MHz;  $\sigma = 5.22$  mho/m;  $\epsilon_r = 48.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Antenna/802.11a/CH60/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.22 mW/g

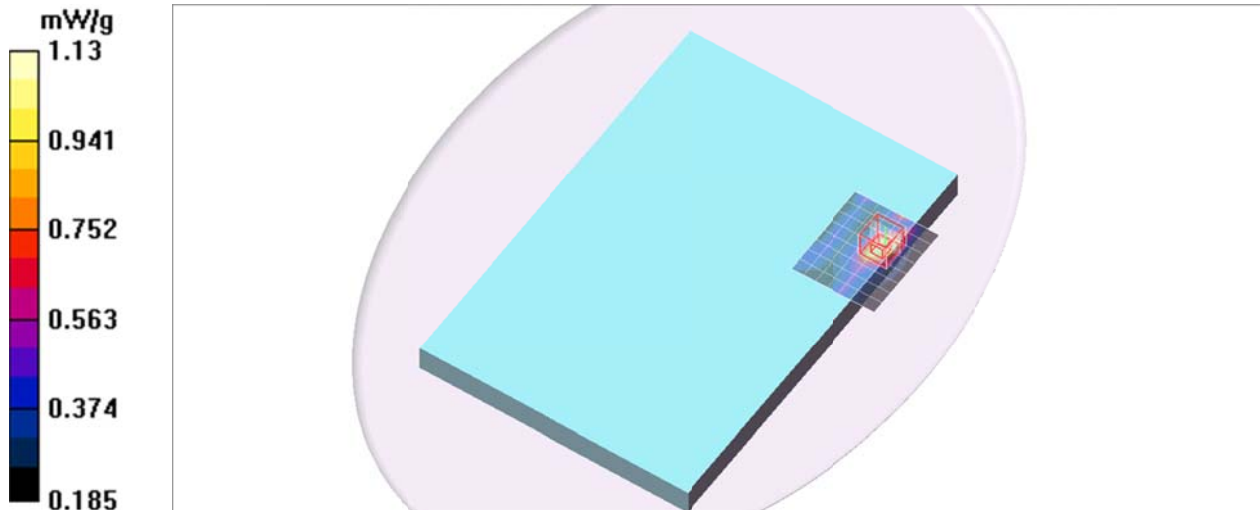
**Bottom/Main Antenna/802.11a/CH60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.19 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.86 mW/g; SAR(10 g) = 0.45 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



## WiFi 5.3GHz Band

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5280.4$  MHz;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 49$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/CH56/Area Scan (8x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.52 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH56/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.06 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 3.57 W/kg

**SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.501 mW/g**

Maximum value of SAR (measured) = 1.58 mW/g

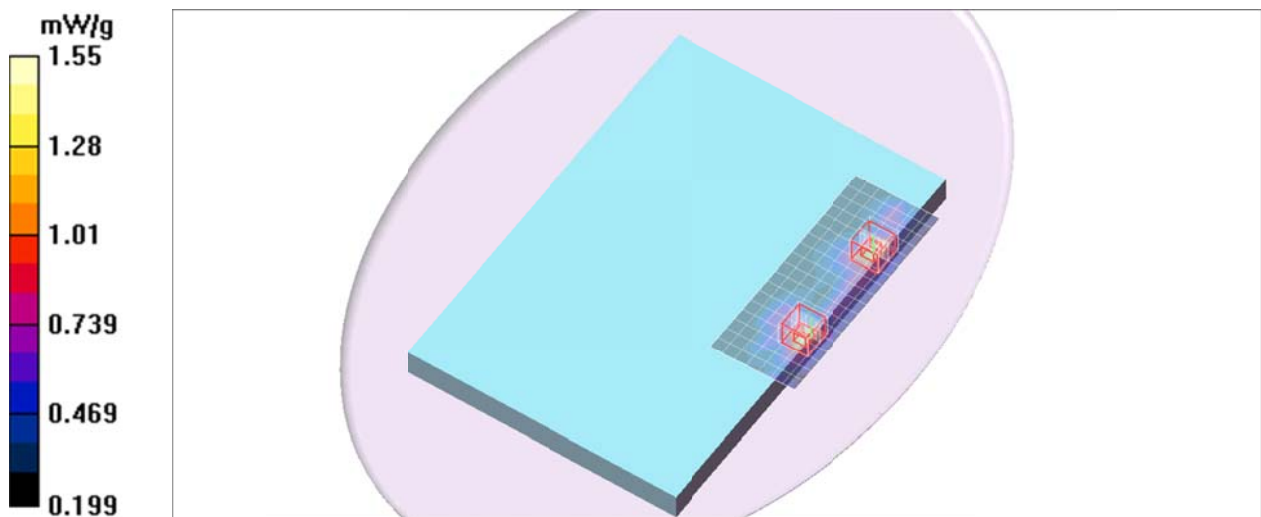
**Bottom/Main+Aux Ant/802.11n HT20/CH56/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.06 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 3.20 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.498 mW/g**

Maximum value of SAR (measured) = 1.85 mW/g

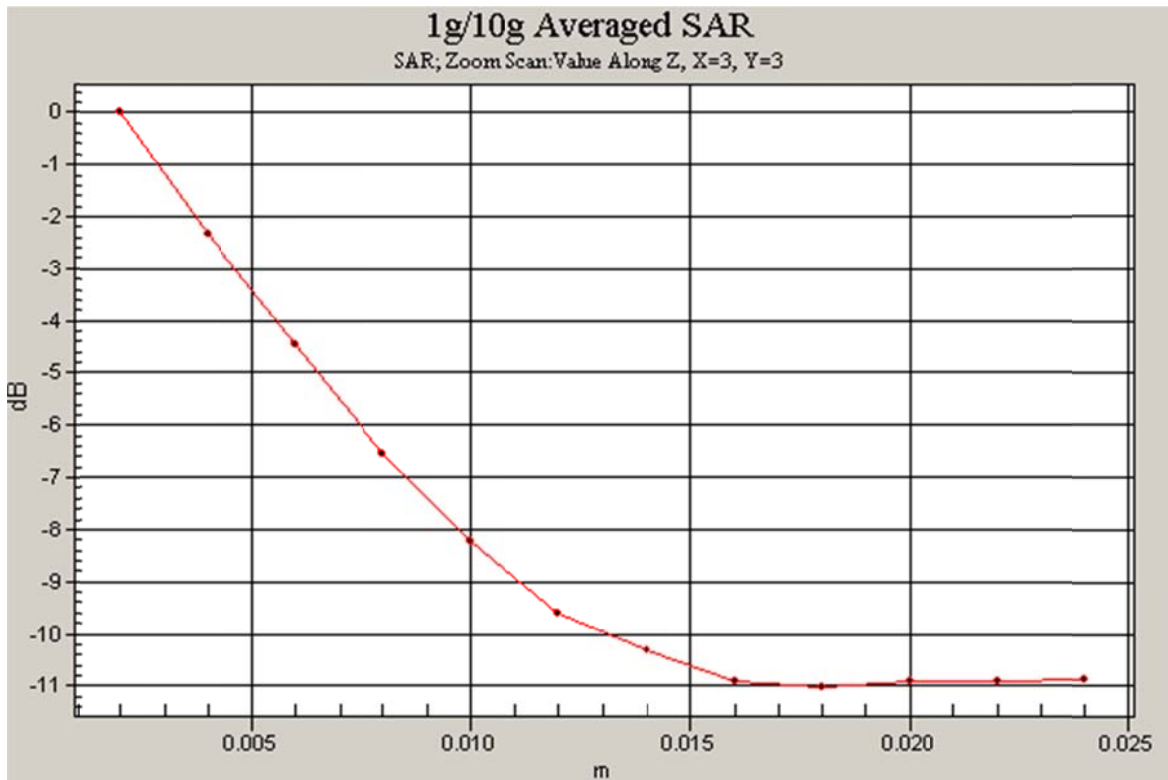




### WiFi 5.3GHz Band

Frequency: 5280 MHz; Duty Cycle: 1:1

**Bottom/Main+Aux Ant/802.11n HT20/CH56/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.591 mW/g



## WiFi 5.3GHz Band

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5300.2$  MHz;  $\sigma = 5.22$  mho/m;  $\epsilon_r = 48.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/CH60/Area Scan (8x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.37 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.53 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 3.92 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.492 mW/g**

Maximum value of SAR (measured) = 1.81 mW/g

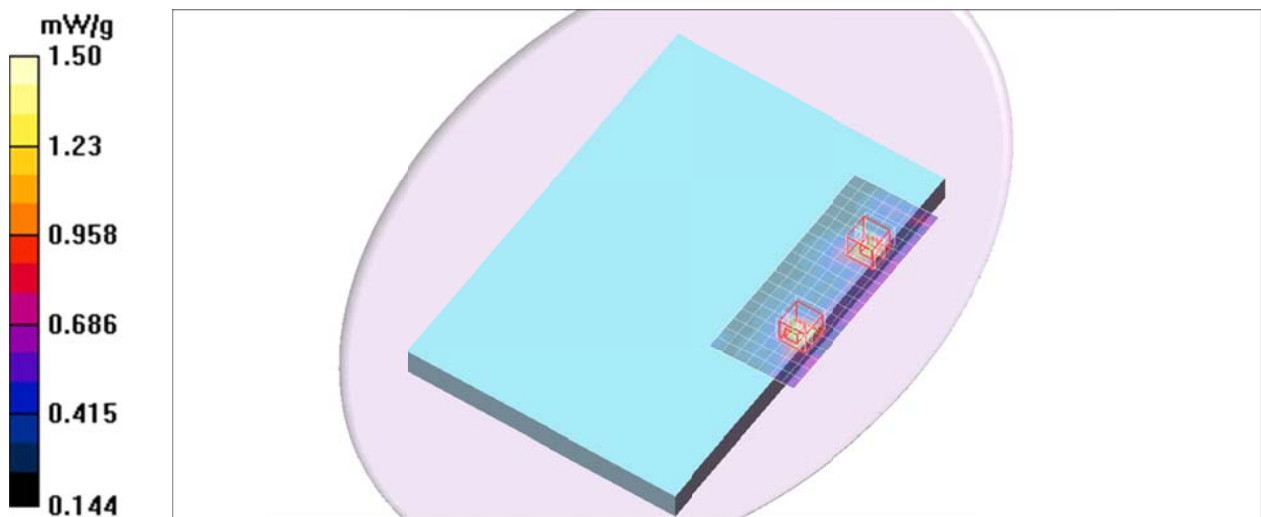
**Bottom/Main+Aux Ant/802.11n HT20/CH60/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.53 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 2.85 W/kg

**SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.402 mW/g**

Maximum value of SAR (measured) = 1.50 mW/g



## WiFi 5.3GHz Band

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5280.4$  MHz;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 49$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

### Bottom/Main+Aux Ant/802.11n HT20/CH56 repeat/Area Scan (8x19x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.45 mW/g

### Bottom/Main+Aux Ant/802.11n HT20/CH56 repeat /Zoom Scan (7x7x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.87 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 3.07 W/kg

**SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 1.52 mW/g

### Bottom/Main+Aux Ant/802.11n HT20/CH56 repeat/Zoom Scan (7x7x12)/Cube 1:

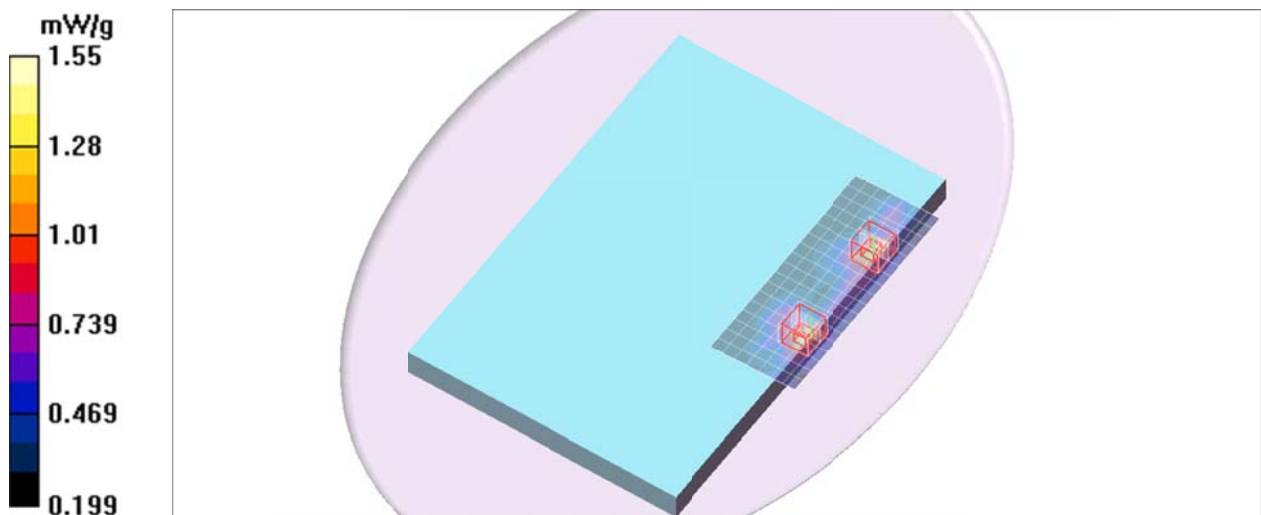
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.87 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 3.22 W/kg

**SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.492 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g



## WiFi 5.5GHz Band

Frequency: 5540 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 5540$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.38, 3.38, 3.38); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/ CH108/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.761 mW/g

**Bottom/Main Ant/802.11a/ CH108/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

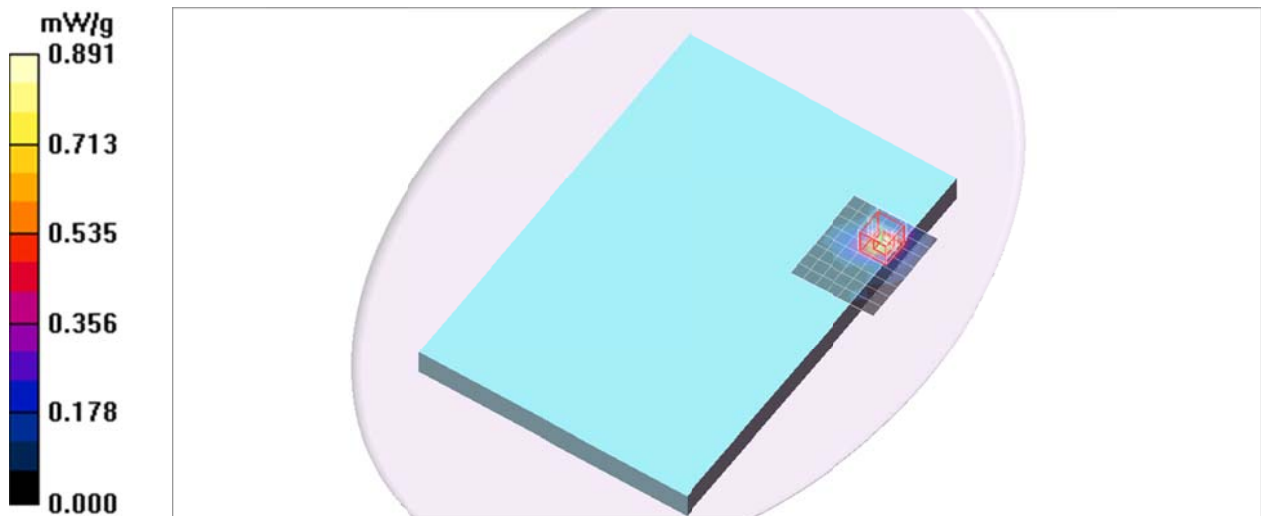
Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.165 mW/g**

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

Maximum value of SAR (measured) = 0.891 mW/g



## WiFi 5.5GHz Band

Frequency: 5560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5560.9$  MHz;  $\sigma = 5.55$  mho/m;  $\epsilon_r = 48.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/ CH112/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.808 mW/g

**Bottom/Main Ant/802.11a/ CH112/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm,

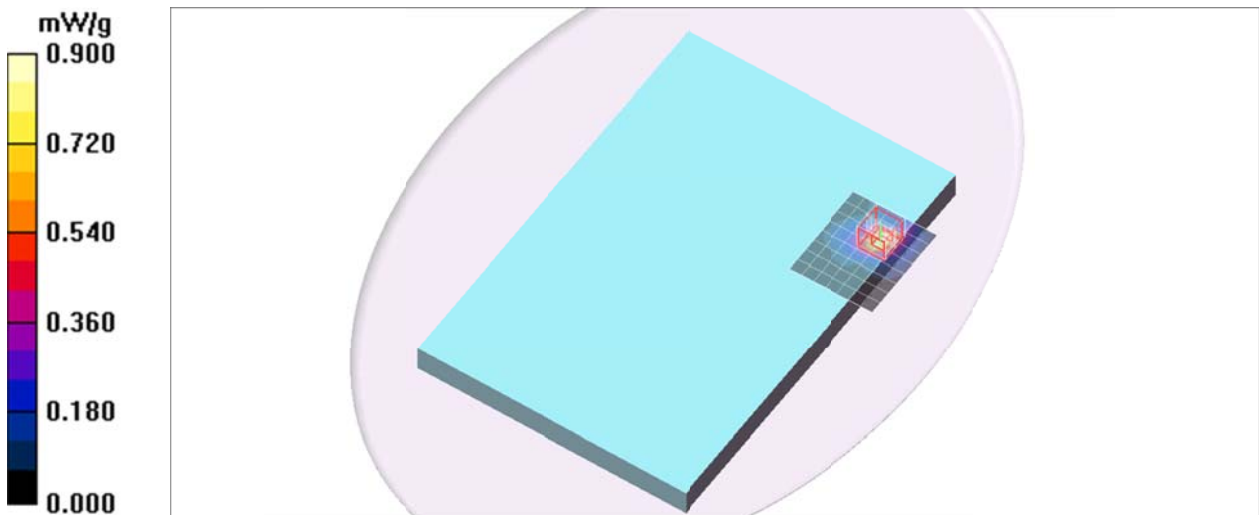
dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.179 mW/g**

Maximum value of SAR (measured) = 0.900 mW/g



## WiFi 5.5GHz Band

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

Medium parameters used (interpolated):  $f = 5660$  MHz;  $\sigma = 5.67$  mho/m;  $\epsilon_r = 48.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/ CH132/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.22 mW/g

**Bottom/Main Ant/802.11a/ CH132/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

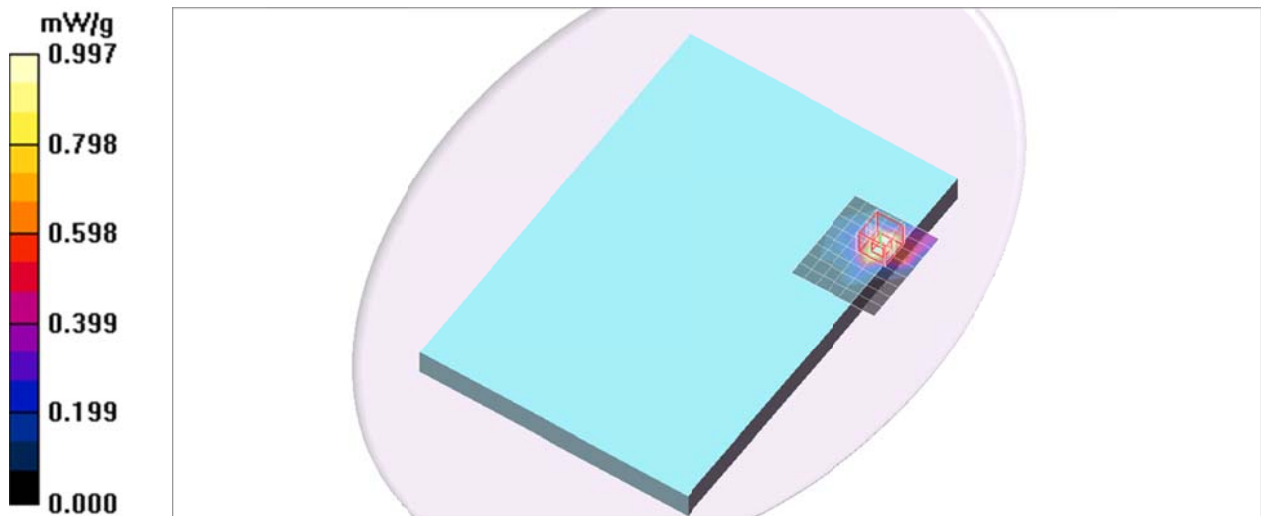
Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.200 mW/g**

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

Maximum value of SAR (measured) = 0.997 mW/g



## WiFi 5.5GHz Band

Frequency: 5590 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5590$  MHz;  $\sigma = 5.58$  mho/m;  $\epsilon_r = 48.7$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT40/CH118/Area Scan (7x16x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.34 mW/g

**Bottom/Main+Aux Ant/802.11n HT40/CH118/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

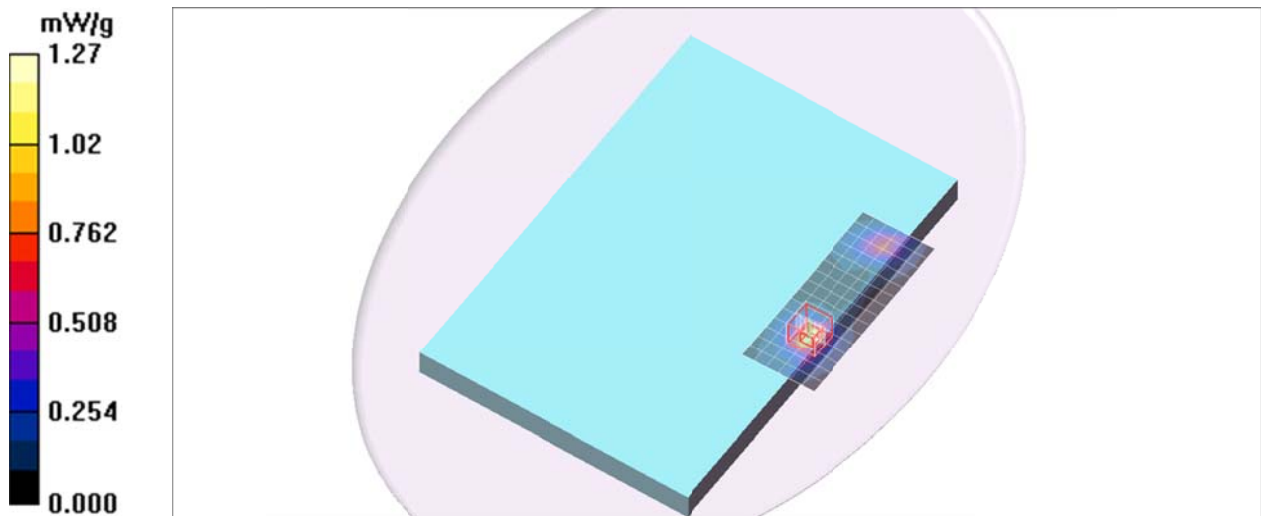
dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.73 W/kg

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.225 mW/g**

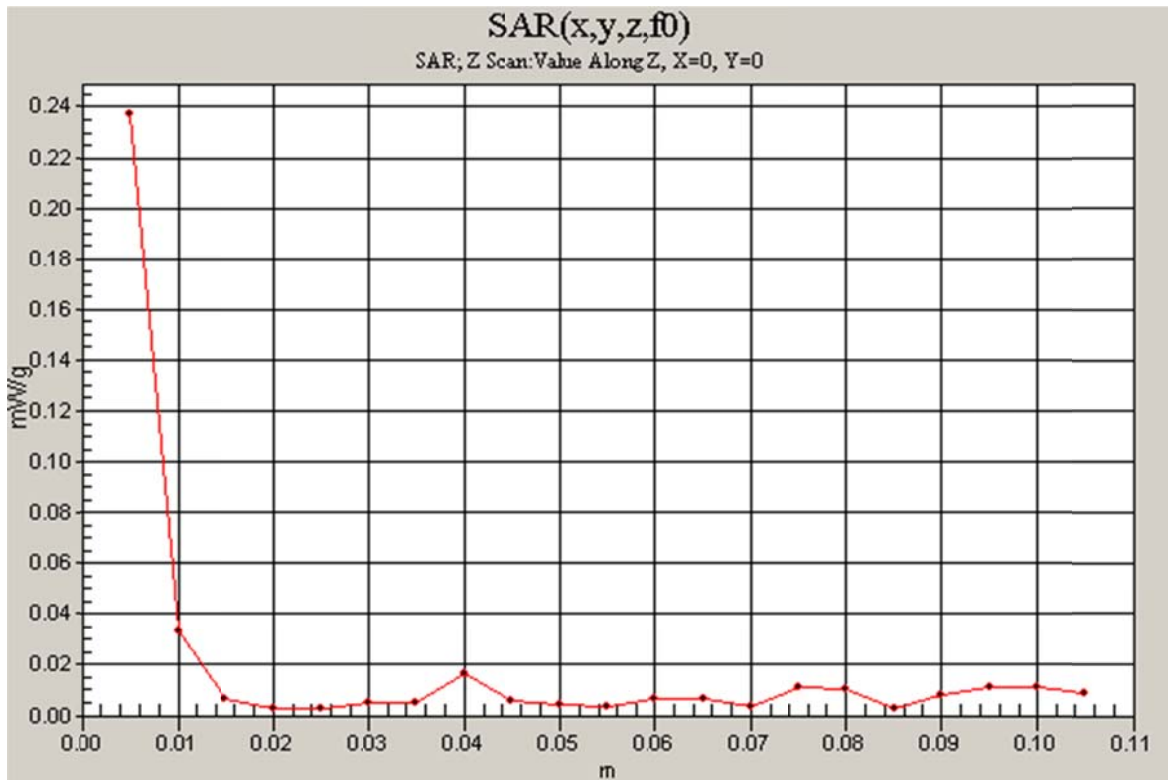
Maximum value of SAR (measured) = 1.27 mW/g



### WiFi 5.5GHz Band

Frequency: 5590 MHz; Duty Cycle: 1:1

**Bottom/Main+Aux Ant/802.11n HT40/CH118/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.237 mW/g





## WiFi 5.8GHz Band

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

Medium parameters used:  $f = 5745.7$  MHz;  $\sigma = 5.81$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/CH149/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.754 mW/g

**Bottom/Main Ant/802.11a/CH149/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm,

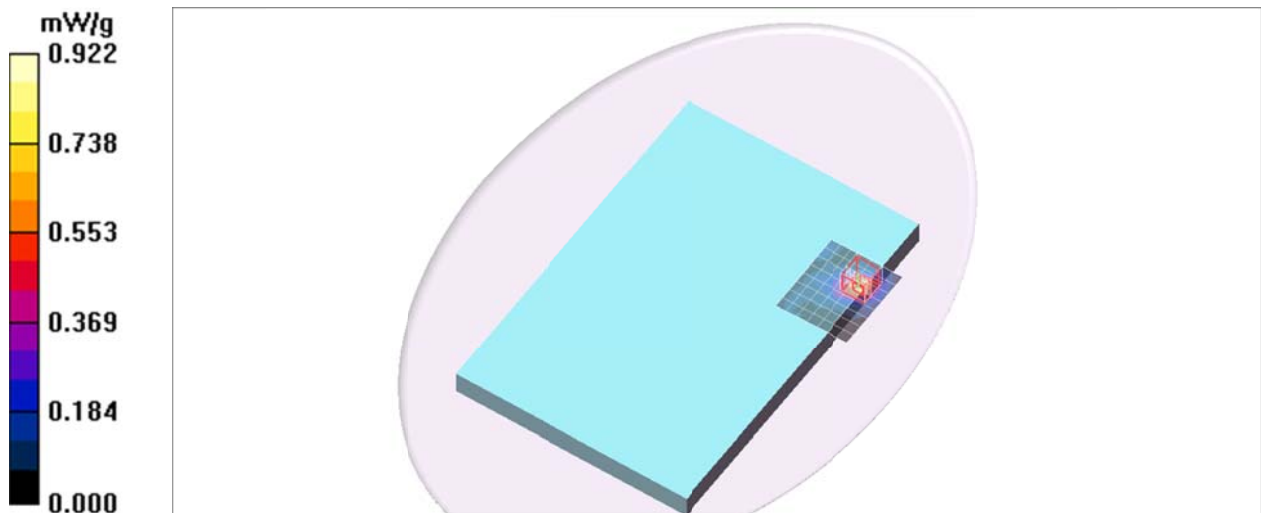
dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 0.922 mW/g



## WiFi 5.8GHz Band

Frequency: 5805 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5805.1$  MHz;  $\sigma = 5.92$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/CH161/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.711 mW/g

**Bottom/Main Ant/802.11a/CH161/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm,

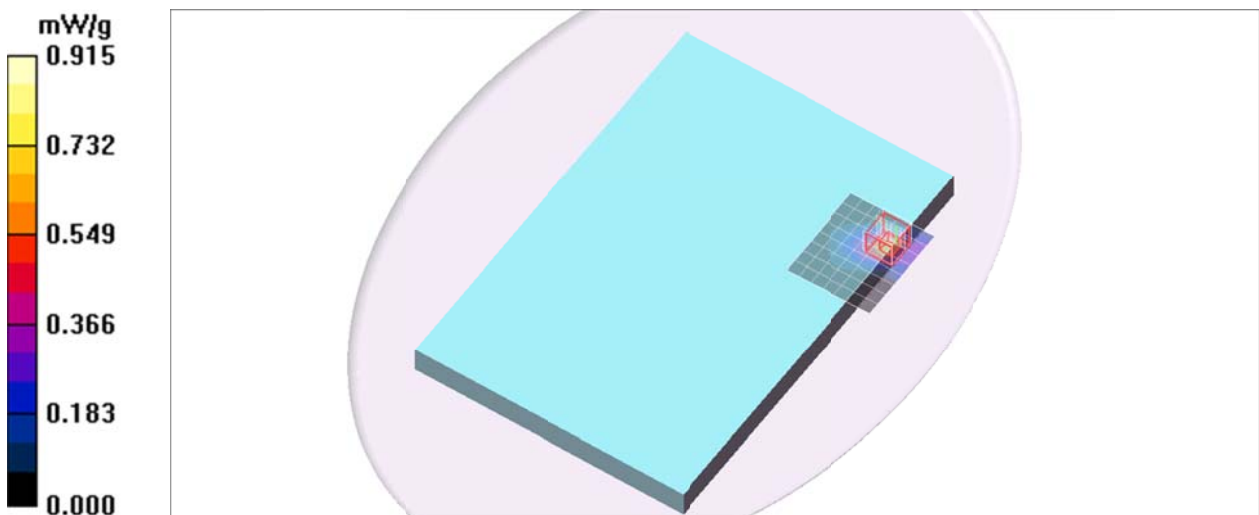
dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.915 mW/g



## WiFi 5.8GHz Band

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

Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 5.96$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/CH165/Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.763 mW/g

**Bottom/Main Ant/802.11a/CH165/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

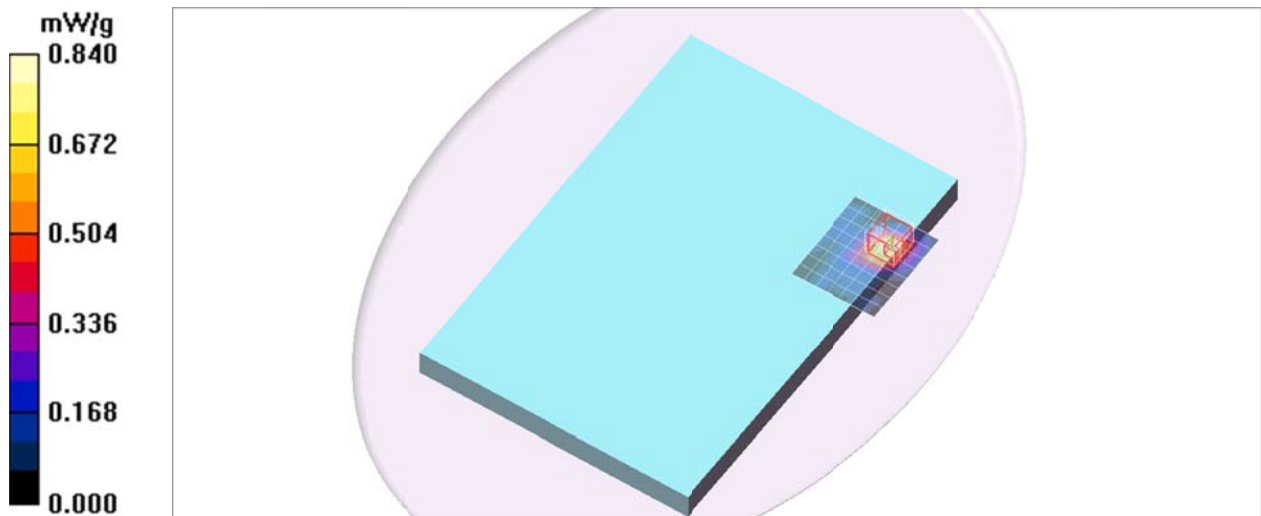
Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.165 mW/g**

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

Maximum value of SAR (measured) = 0.840 mW/g



## WiFi 5.8GHz Band

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

Medium parameters used:  $f = 5745.7$  MHz;  $\sigma = 5.81$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/CH149/Area Scan (7x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.848 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH149/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.34 W/kg

**SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.998 mW/g

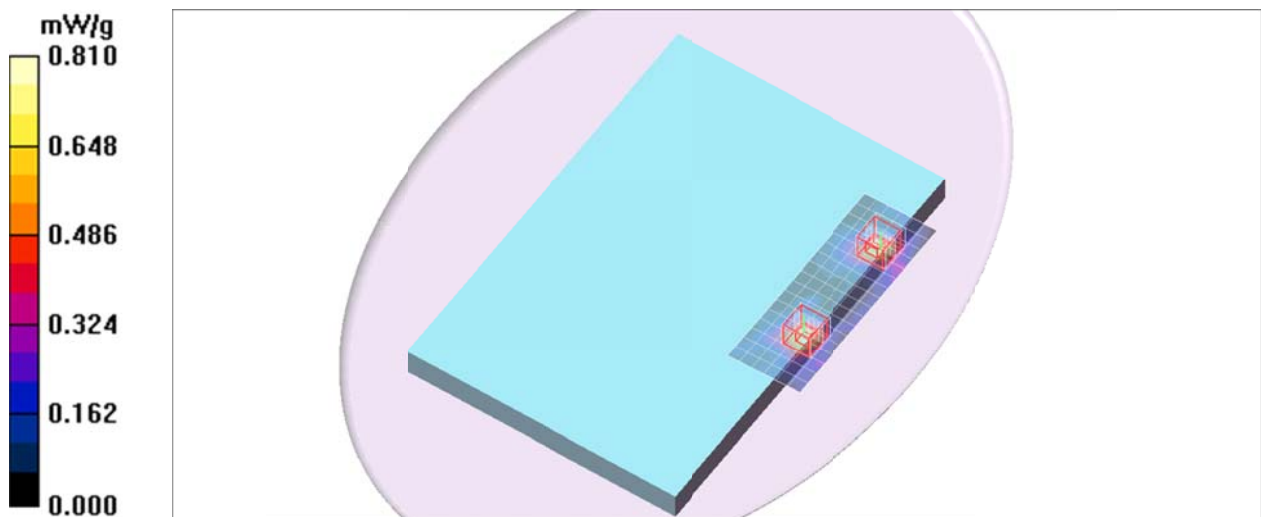
**Bottom/Main+Aux Ant/802.11n HT20/CH149/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.187 mW/g**

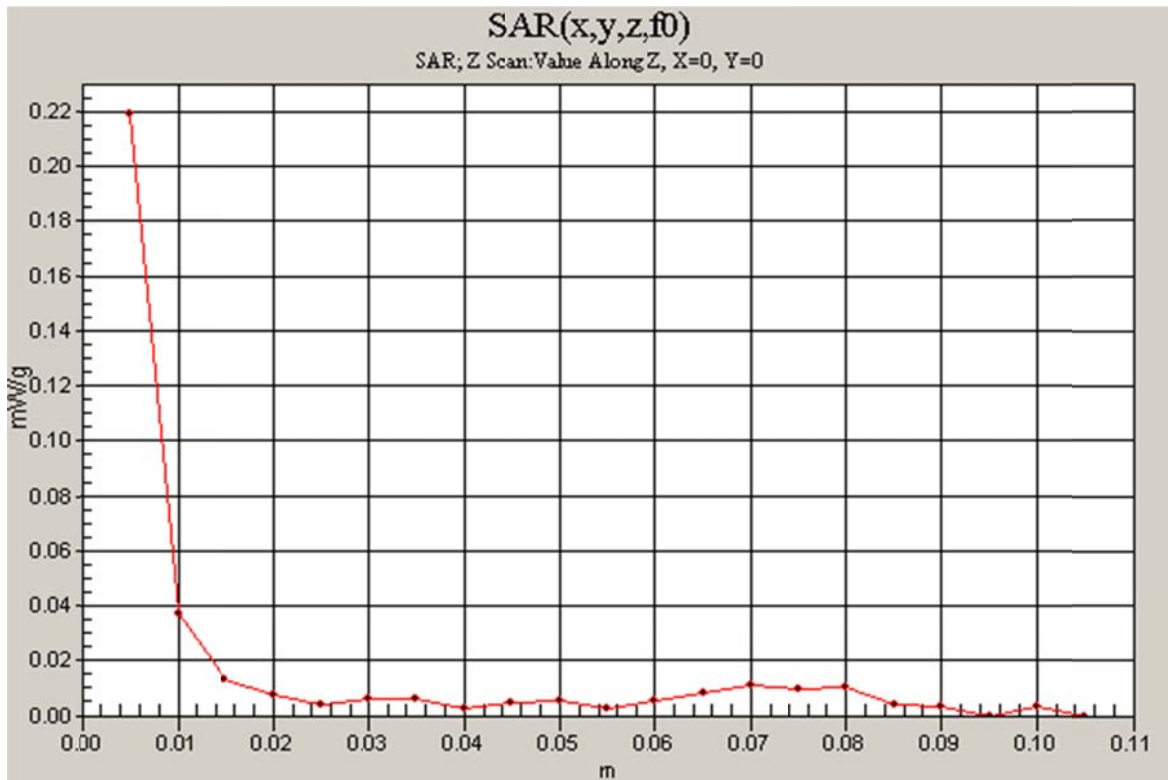
Maximum value of SAR (measured) = 0.810 mW/g



### WiFi 5.8GHz Band

Frequency: 5745 MHz; Duty Cycle: 1:1

**Bottom/Main+Aux Ant/802.11n HT20/CH149/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.219 mW/g



## WiFi 5.8GHz Band

Frequency: 5805 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5805.1$  MHz;  $\sigma = 5.92$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/CH161/Area Scan (7x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.741 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH161/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.164 mW/g**

Maximum value of SAR (measured) = 0.890 mW/g

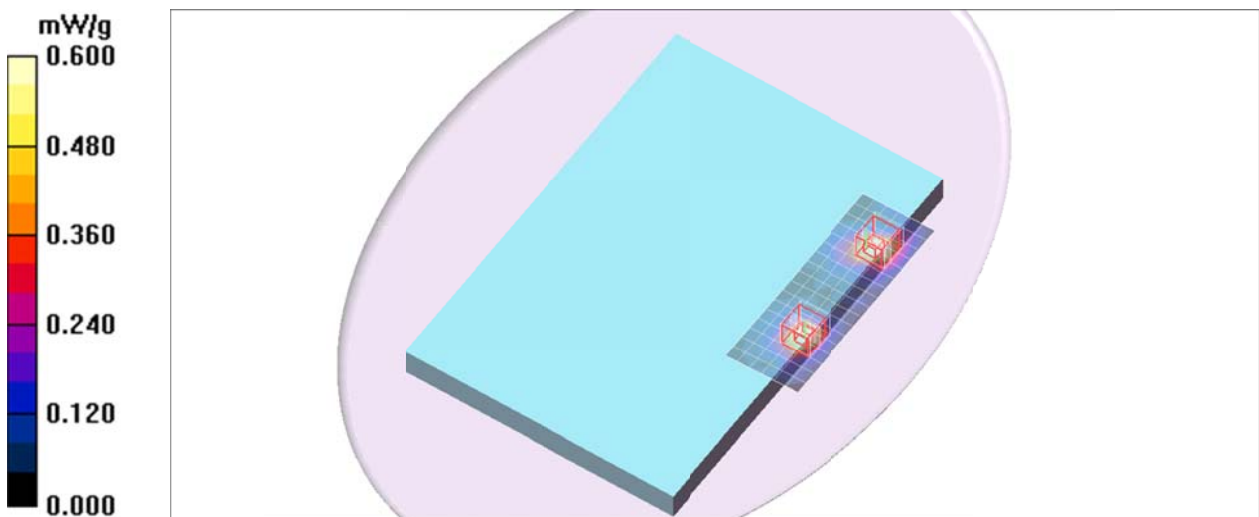
**Bottom/Main+Aux Ant/802.11n HT20/CH161/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.30 W/kg

**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.156 mW/g**

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



## WiFi 5.8GHz Band

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

Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 5.96$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/19/2012
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29); Calibrated: 9/27/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/CH165 Area Scan (7x18x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.706 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH165/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.205 mW/g**

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

Maximum value of SAR (measured) = 0.966 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/CH165/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.158 mW/g**

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

Maximum value of SAR (measured) = 0.865 mW/g

