

## 5GHz Band

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

Medium parameters used:  $f = 5240.8$  MHz;  $\sigma = 5.3$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(4.02, 4.02, 4.02); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11a/Ch48/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.14 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch48/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.46 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.148 mW/g**

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

**Bottom/Main+Aux Ant/802.11a/Ch48/Area Scan 2 (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.655 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch48/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

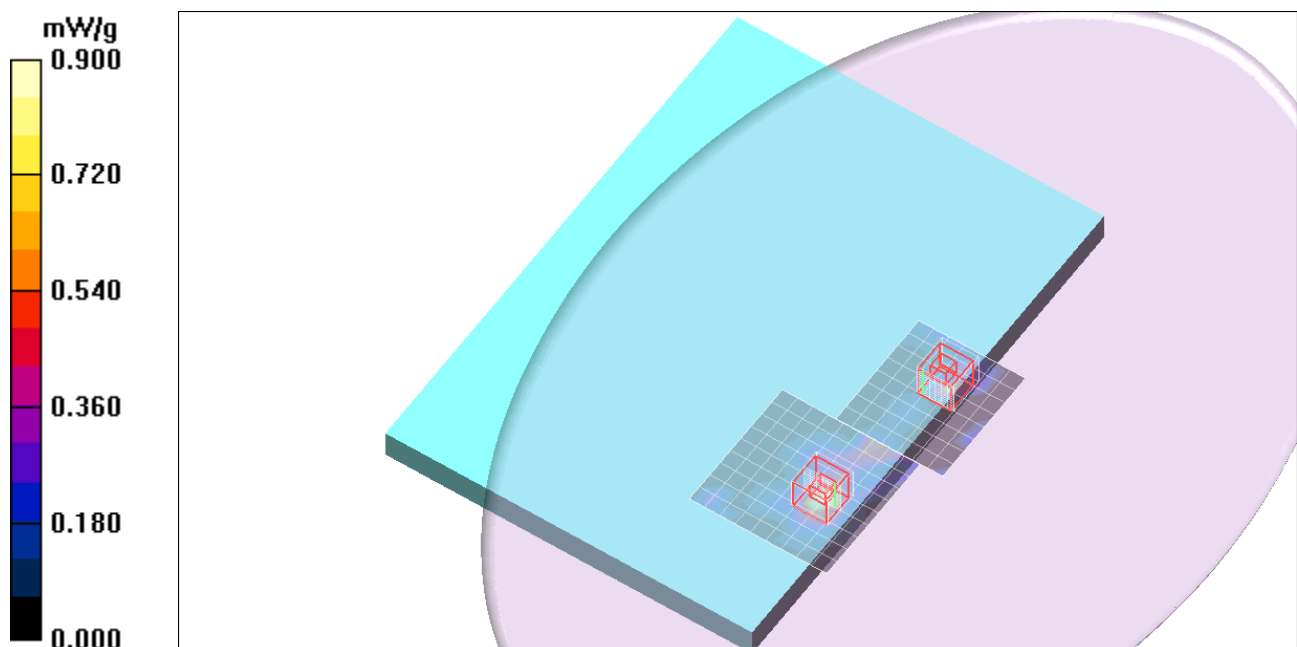
dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.46 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.762 W/kg

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.762 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5260.6$  MHz;  $\sigma = 5.33$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.84, 3.84, 3.84); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11a/Ch52/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.726 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch52/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.54 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.095 mW/g**

Maximum value of SAR (measured) = 0.600 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch52/Area Scan 2 (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.388 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch52/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

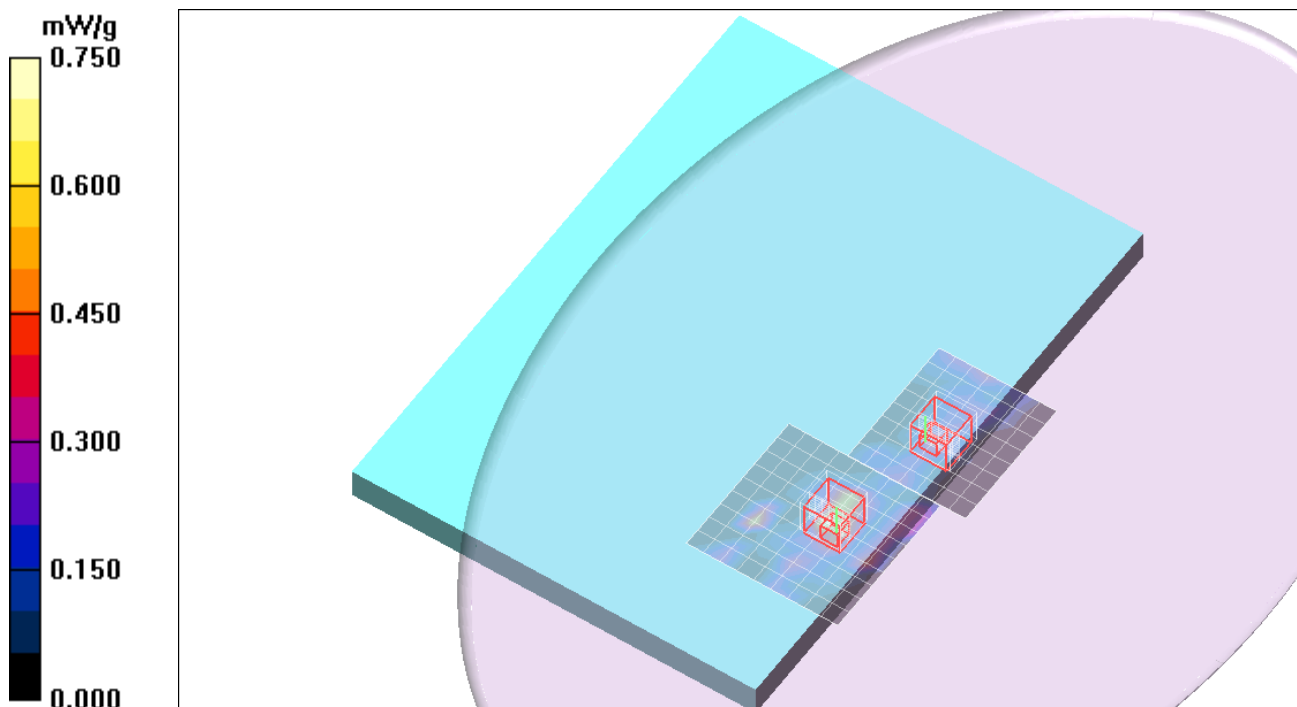
dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.54 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 0.687 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.417 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5580.7$  MHz;  $\sigma = 5.75$  mho/m;  $\epsilon_r = 50.4$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11a/Ch116/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.914 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch116/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.86 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 2.56 W/kg

**SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.216 mW/g**

Maximum value of SAR (measured) = 0.976 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch116/Area Scan 2 (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.03 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch116/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

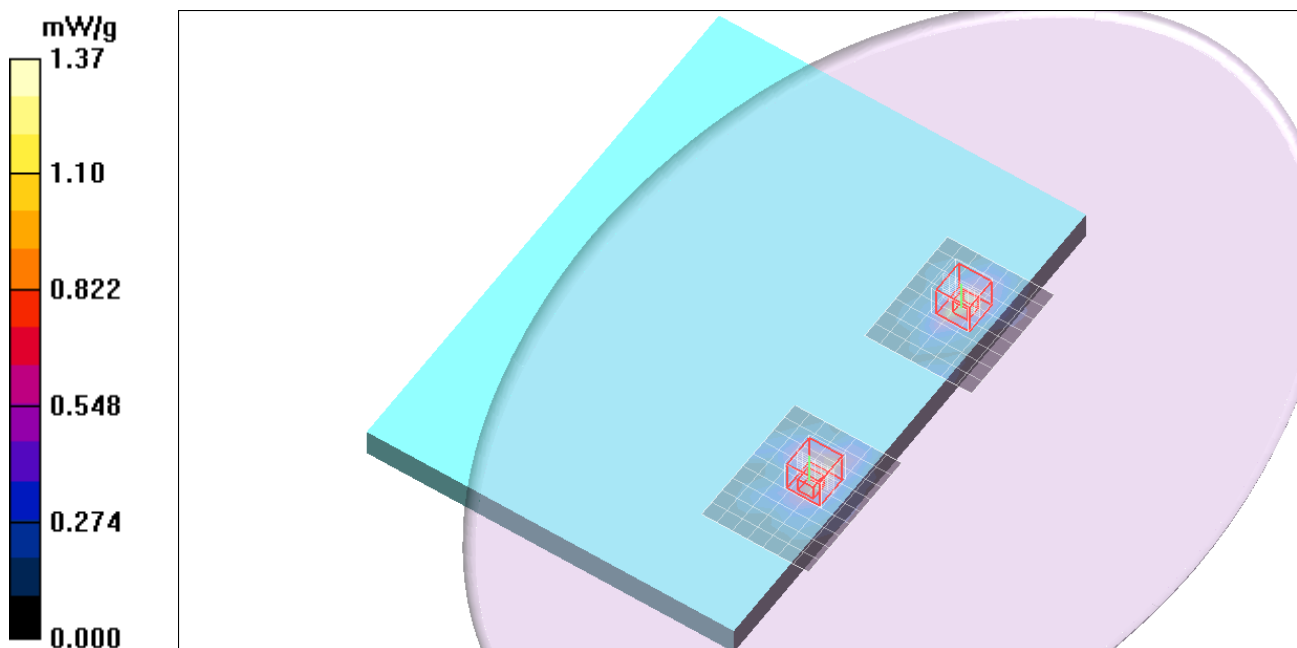
dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.86 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 2.89 W/kg

**SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.241 mW/g**

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



## 5GHz 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;  $\sigma = 5.96$  mho/m;  $\epsilon_r = 50$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11a/Ch149/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.652 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch149/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.88 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.141 mW/g**

Maximum value of SAR (measured) = 0.736 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch149/Area Scan 2 (8x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.616 mW/g

**Bottom/Main+Aux Ant/802.11a/Ch149/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

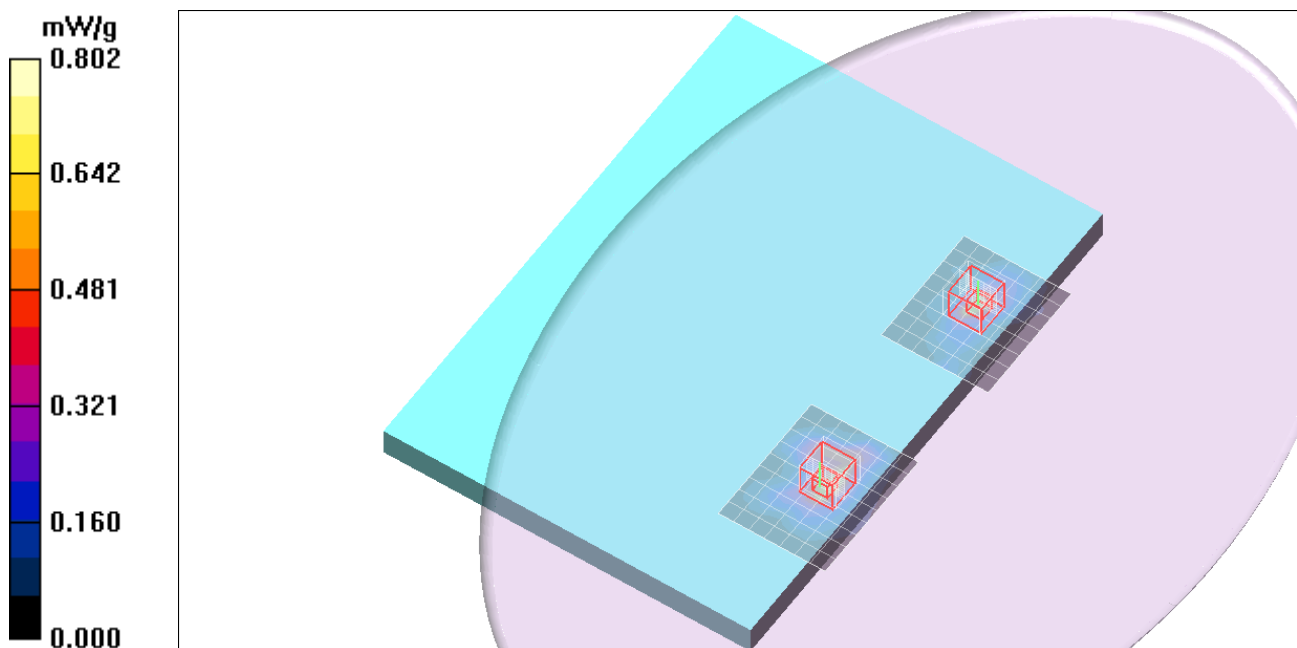
dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.88 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.101 mW/g**

Maximum value of SAR (measured) = 0.802 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5240.8$  MHz;  $\sigma = 5.3$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(4.02, 4.02, 4.02); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/Ch48/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.772 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/Ch48/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.18 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.838 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/Ch48/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.562 mW/g

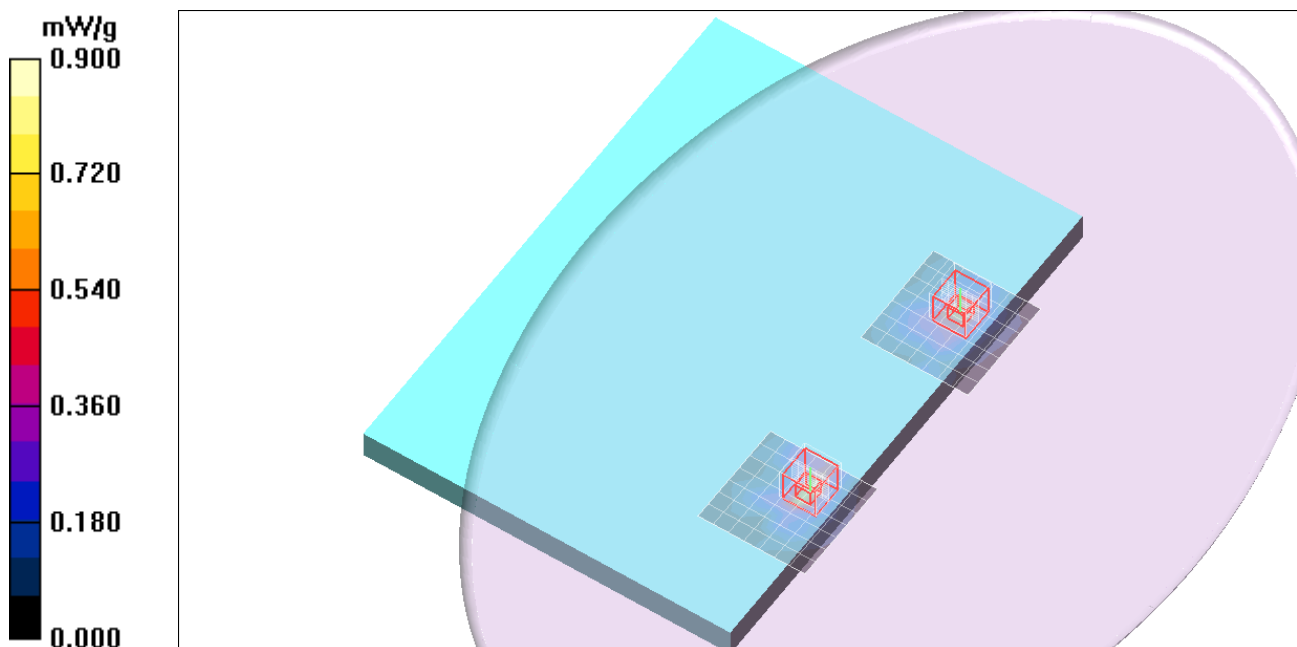
**Bottom/Main+Aux Ant/802.11n HT20/Ch48/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.18 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.121 mW/g**

Maximum value of SAR (measured) = 0.719 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5260.6$  MHz;  $\sigma = 5.33$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.84, 3.84, 3.84); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/Ch52/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.780 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/Ch52/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

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

Reference Value = 5.38 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.147 mW/g**

Maximum value of SAR (measured) = 0.806 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/Ch52/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.640 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/Ch52/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

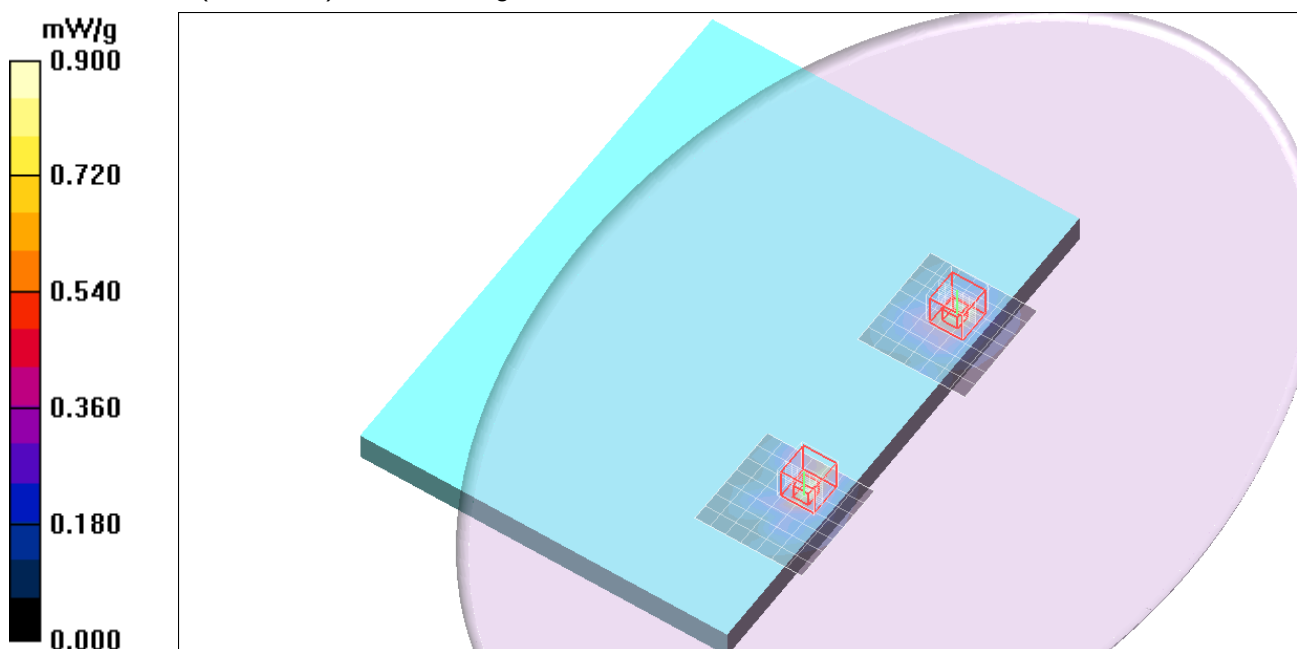
dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.38 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.830 mW/g



## 5GHz Band

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

Medium parameters used (interpolated):  $f = 5660$  MHz;  $\sigma = 5.85$  mho/m;  $\epsilon_r = 50.2$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT20/Ch132/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.774 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/Ch132/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.44 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.155 mW/g**

Maximum value of SAR (measured) = 0.796 mW/g

**Bottom/Main+Aux Ant/802.11n HT20/Ch132/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.873 mW/g

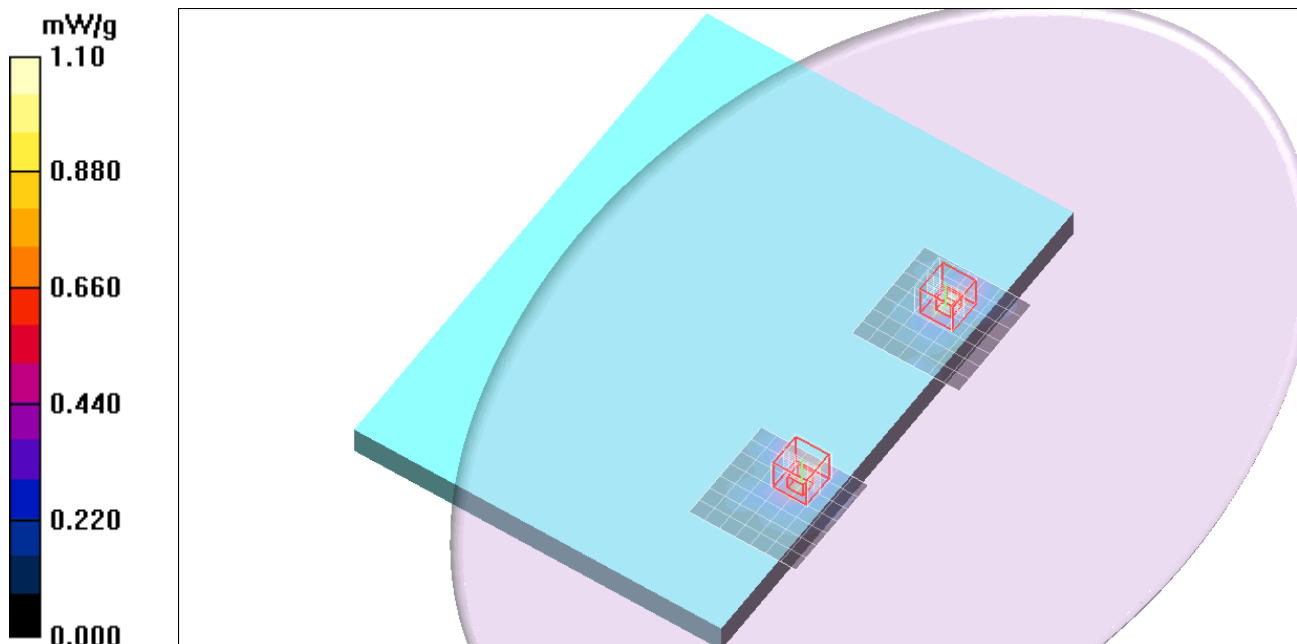
**Bottom/Main+Aux Ant/802.11n HT20/Ch132/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.44 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 2.49 W/kg

**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.155 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g



## 5GHz 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;  $\sigma = 5.96$  mho/m;  $\epsilon_r = 50$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/24/2014
- 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 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.437 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 = 2.38 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.078 mW/g**

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

**Bottom/Main+Aux Ant/802.11n HT20/Ch149/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.513 mW/g

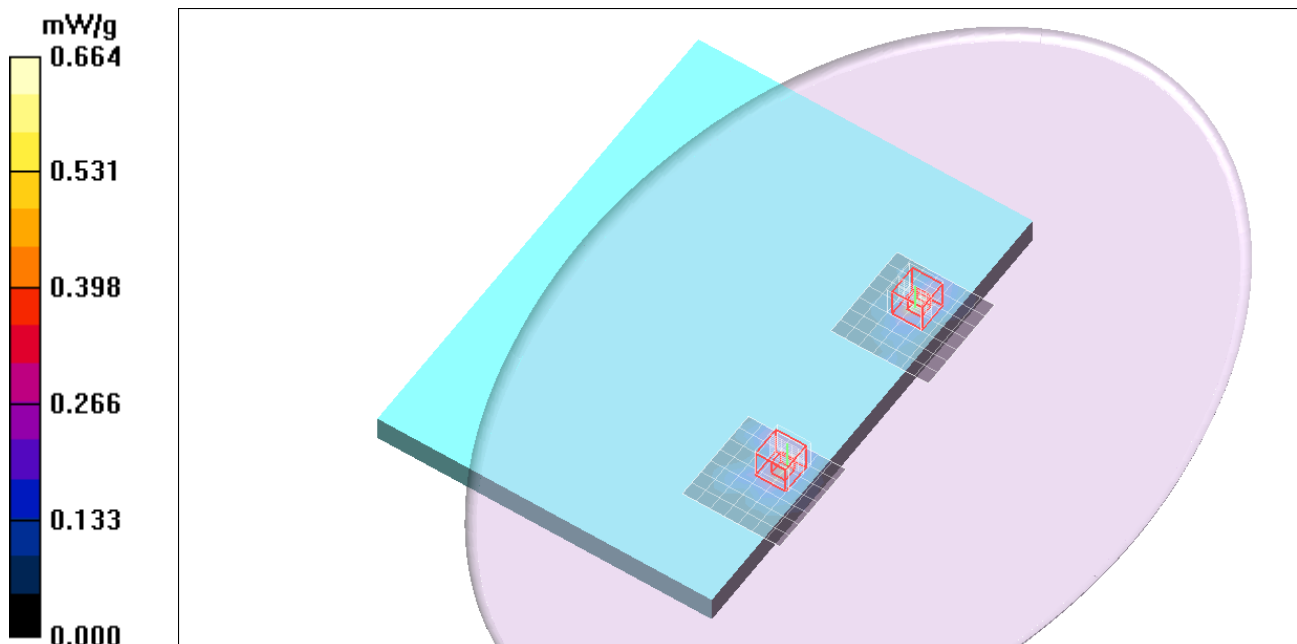
**Bottom/Main+Aux Ant/802.11n HT20/Ch149/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.38 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.664 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5240.8$  MHz;  $\sigma = 5.3$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(4.02, 4.02, 4.02); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11ac/Ch48/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.699 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch48/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.93 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.768 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch48/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.491 mW/g

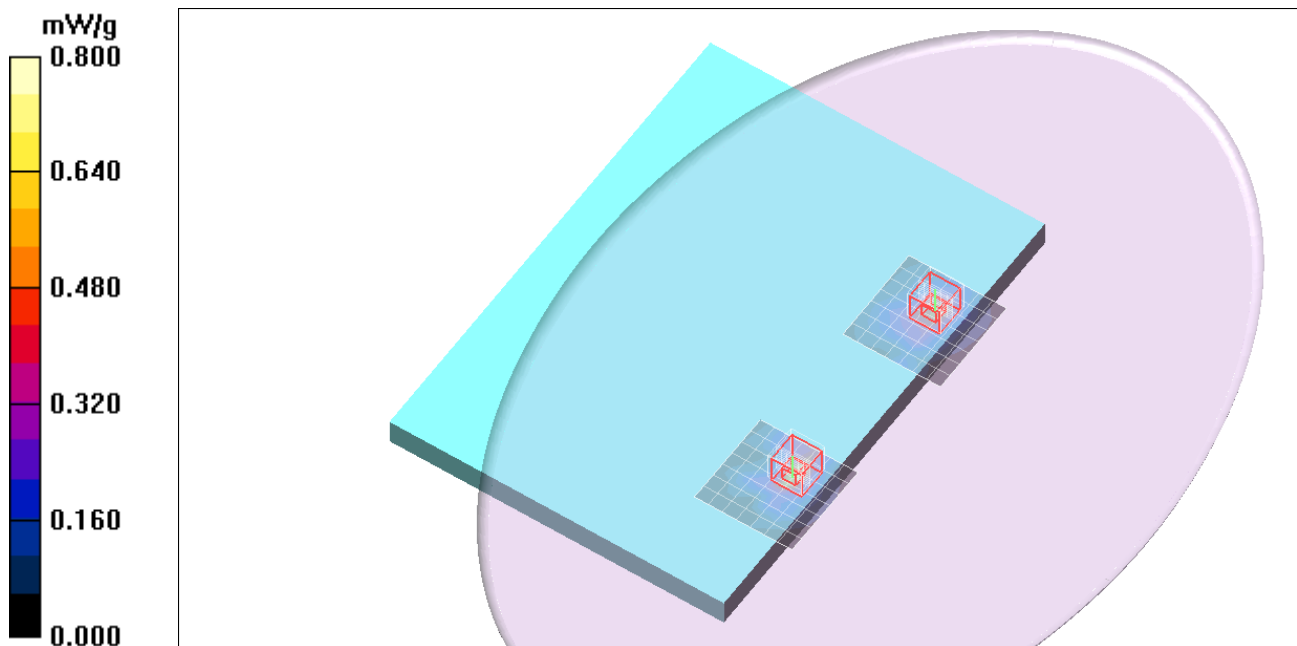
**Bottom/Main+Aux Ant/802.11ac/Ch48/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.93 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.632 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5260.6$  MHz;  $\sigma = 5.33$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.84, 3.84, 3.84); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11ac/Ch52/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.727 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch52/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.99 V/m; Power Drift = 0.731 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.779 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch52/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.561 mW/g

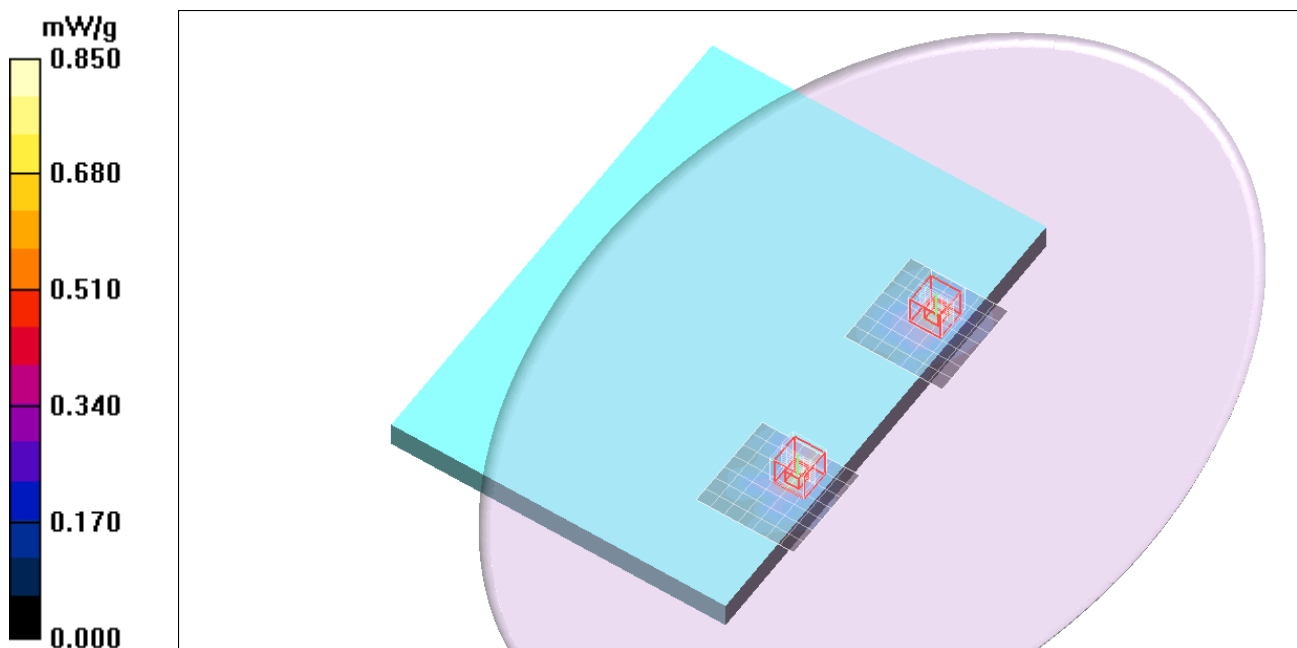
**Bottom/Main+Aux Ant/802.11ac/Ch52/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.99 V/m; Power Drift = 0.731 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.707 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5580.7$  MHz;  $\sigma = 5.75$  mho/m;  $\epsilon_r = 50.4$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11ac/Ch116/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.852 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch116/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

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

Reference Value = 4.95 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 2.37 W/kg

**SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.174 mW/g**

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

**Bottom/Main+Aux Ant/802.11ac/Ch116/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm,

dy=10mm

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

**Bottom/Main+Aux Ant/802.11ac/Ch116/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

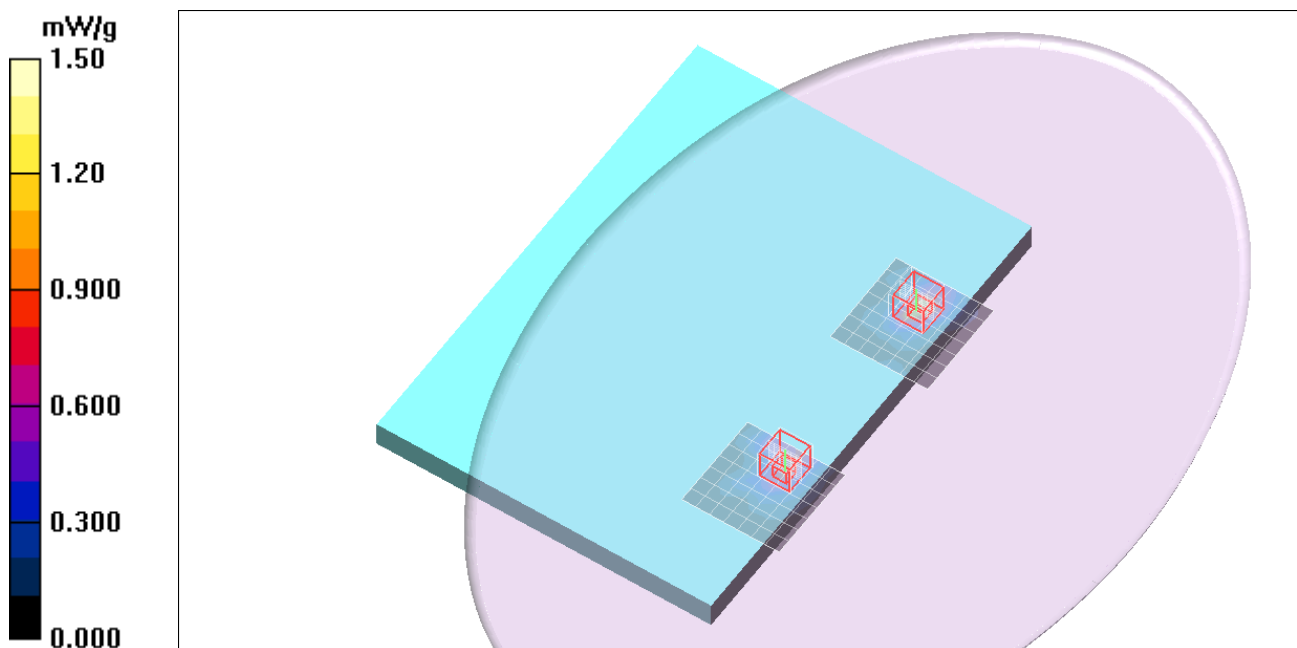
dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.95 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 2.91 W/kg

**SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.212 mW/g**

Maximum value of SAR (measured) = 1.39 mW/g



## 5GHz 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;  $\sigma = 5.96$  mho/m;  $\epsilon_r = 50$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11ac/Ch149/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.630 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch149/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

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

Reference Value = 3.09 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.135 mW/g**

Maximum value of SAR (measured) = 0.726 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch149/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (measured) = 0.593 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch149/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

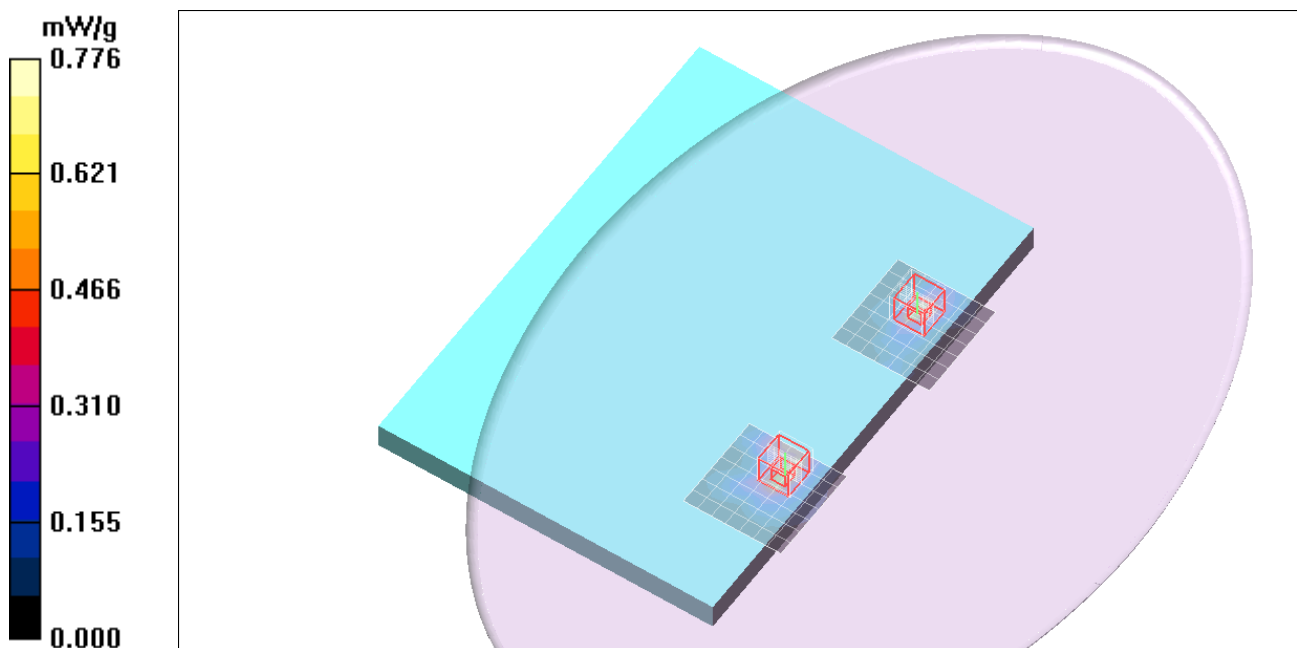
dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.09 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.098 mW/g**

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



**5GHz Band**

Frequency: 5630 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5630.2$  MHz;  $\sigma = 5.82$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11n HT40/Ch126/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.697 mW/g

**Bottom/Main+Aux Ant/802.11n HT40/Ch126/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.16 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.078 mW/g**

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

**Bottom/Main+Aux Ant/802.11n HT40/Ch126/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.04 mW/g

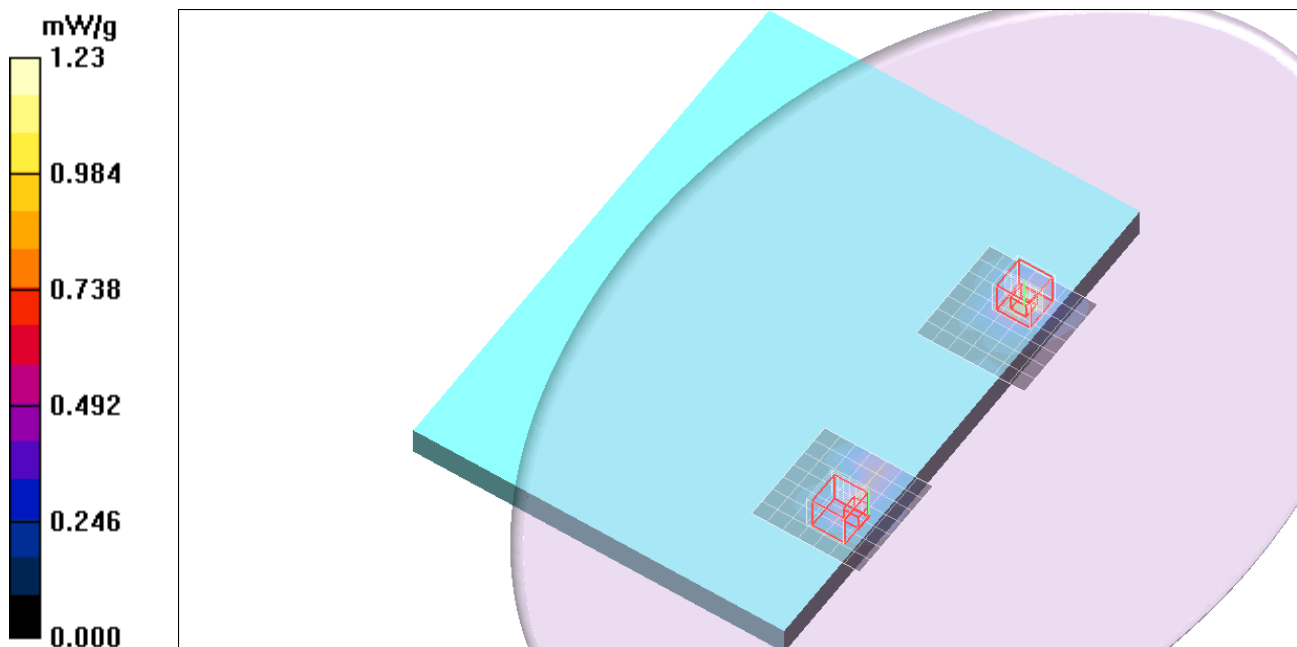
**Bottom/Main+Aux Ant/802.11n HT40/Ch126/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.16 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 2.88 W/kg

**SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.212 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



## 5GHz Band

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5610.4$  MHz;  $\sigma = 5.78$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11ac/Ch122/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.572 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch122/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

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

Reference Value = 6.79 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.130 mW/g**

Maximum value of SAR (measured) = 0.669 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch122/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (measured) = 0.703 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch122/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid:

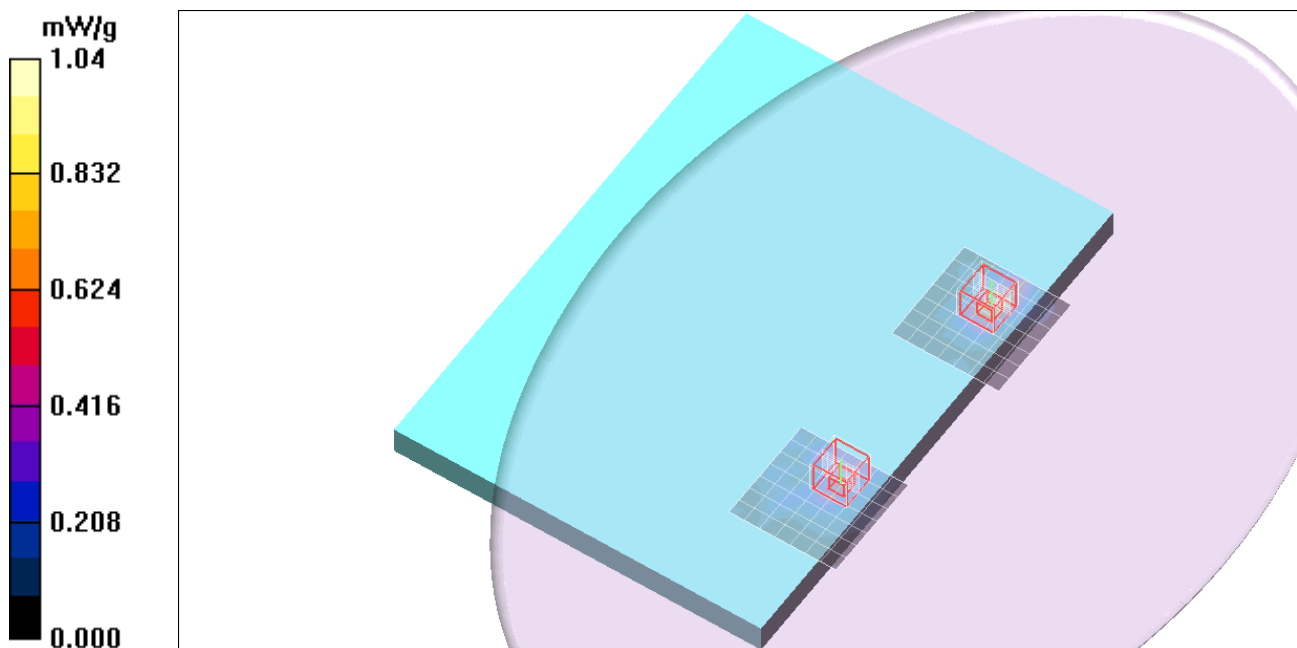
dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.79 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5580.7$  MHz;  $\sigma = 5.68$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main+Aux Ant/802.11ac/Ch116\_Ant2/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm

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

**Bottom/Main+Aux Ant/802.11ac/Ch116\_Ant2/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

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

Reference Value = 3.99 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 3.91 W/kg

**SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.111 mW/g**

Maximum value of SAR (measured) = 0.965 mW/g

**Bottom/Main+Aux Ant/802.11ac/Ch116\_Ant2/Area Scan 2 (8x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.206 mW/g

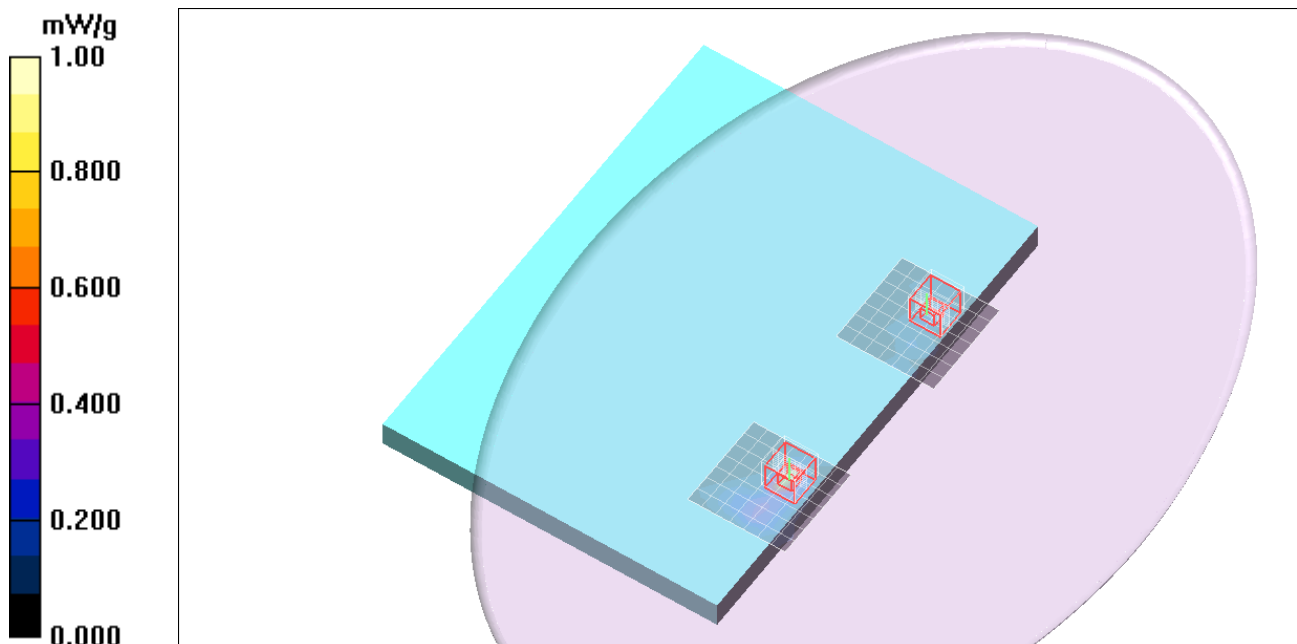
**Bottom/Main+Aux Ant/802.11ac/Ch116\_Ant2/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.99 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.495 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.036 mW/g**

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



## 5GHz 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;  $\sigma = 5.28$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(4.02, 4.02, 4.02); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11a/Ch44/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.957 mW/g

**Bottom/Main Ant/802.11a/Ch44/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

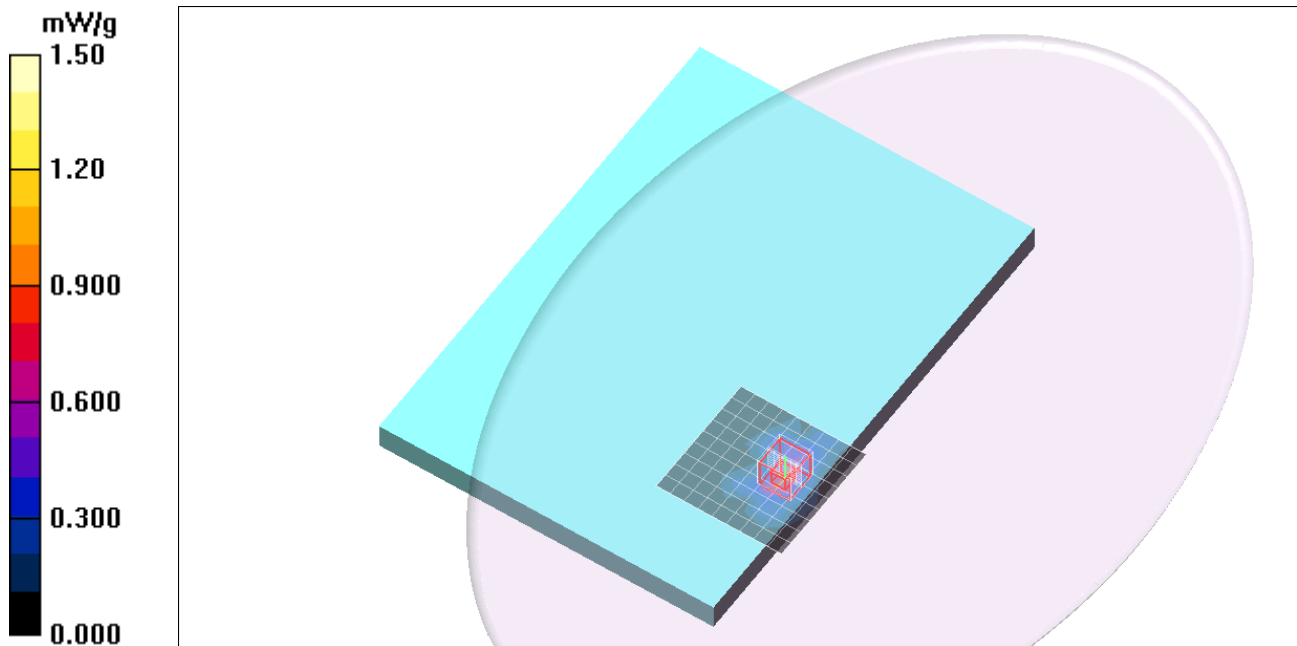
Reference Value = 5.68 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.168 mW/g**

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

Maximum value of SAR (measured) = 0.963 mW/g



## 5GHz 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;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.84, 3.84, 3.84); Calibrated: 9/24/2014
- 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 Ant/802.11a/Ch60/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.923 mW/g

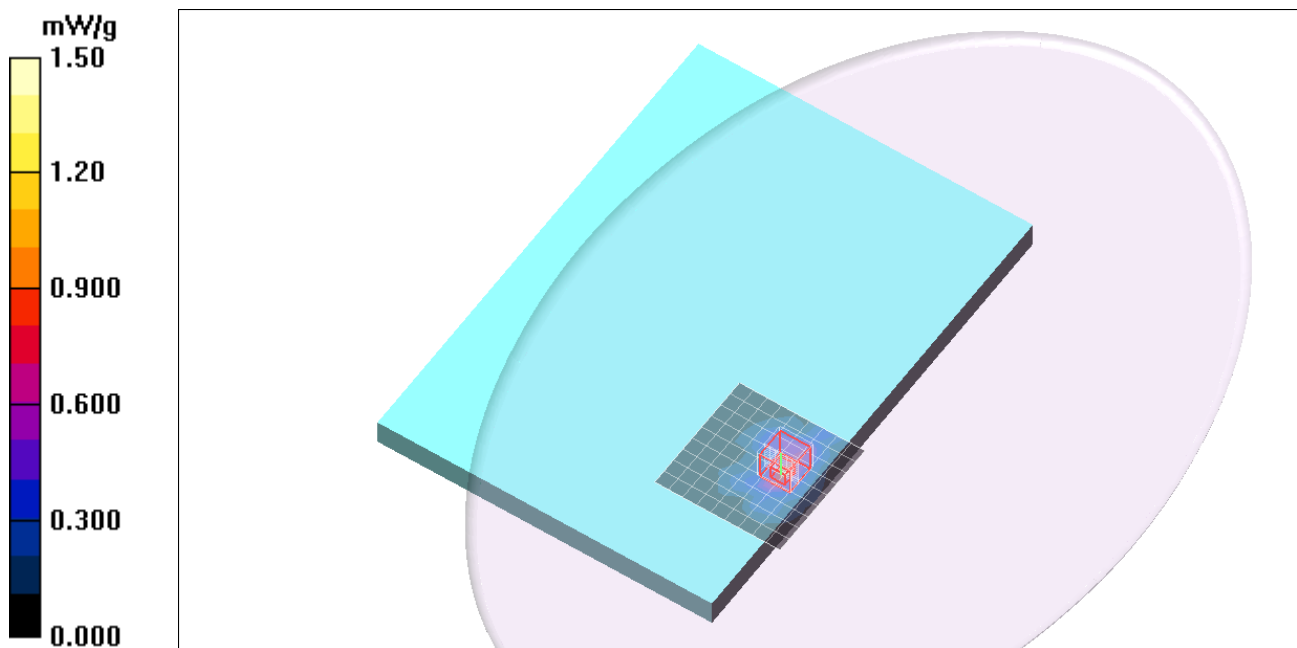
**Bottom/Main Ant/802.11a/Ch60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.68 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 2.22 W/kg

**SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.950 mW/g



## 5GHz Band

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;  $\sigma = 5.77$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- 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 Ant/802.11a/Ch120/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.699 mW/g

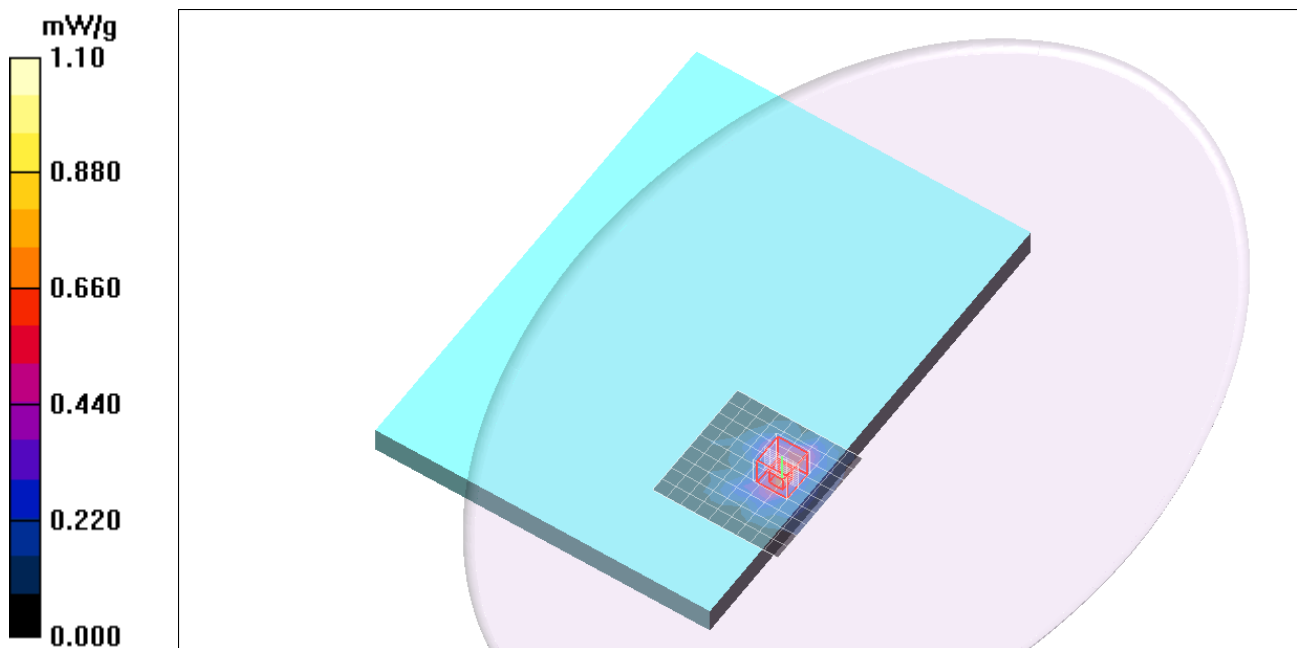
**Bottom/Main Ant/802.11a/Ch120/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.16 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.722 mW/g



## 5GHz Band

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

Medium parameters used:  $f = 5785.3$  MHz;  $\sigma = 6.02$  mho/m;  $\epsilon_r = 50$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/24/2014
- 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 Ant/802.11a/Ch157/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.714 mW/g

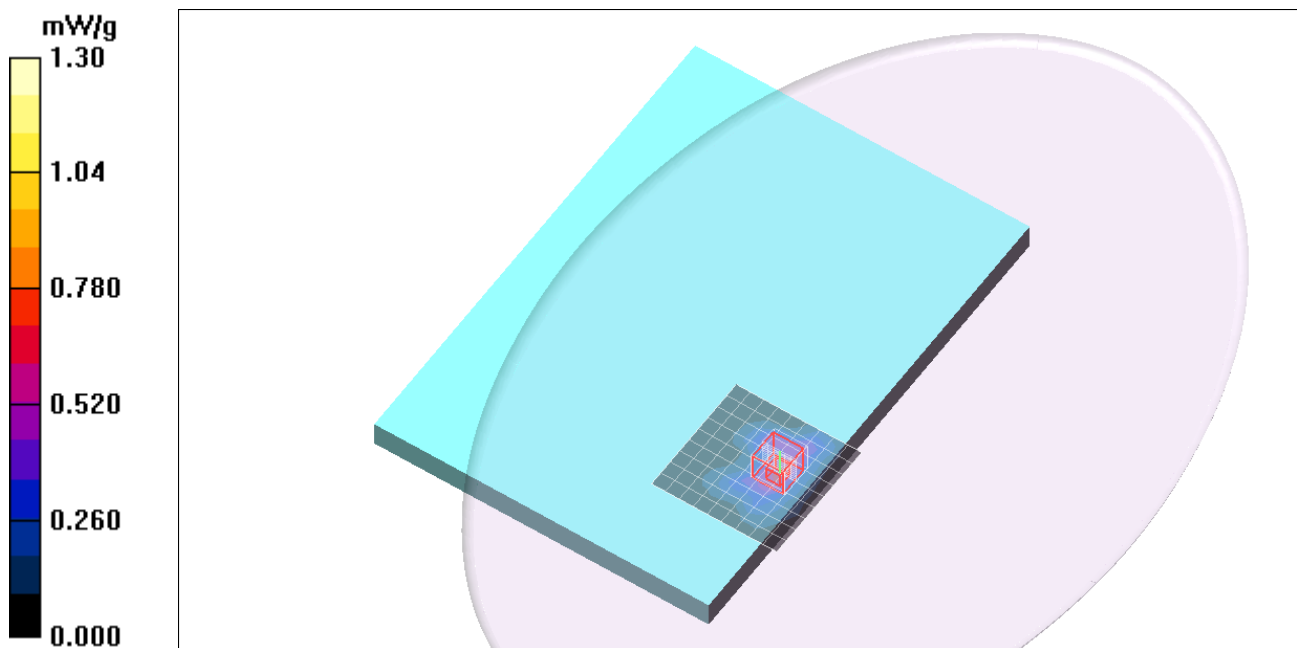
**Bottom/Main Ant/802.11a/Ch157/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.93 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.724 mW/g



## 5GHz 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;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 48.1$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(4.02, 4.02, 4.02); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11n HT20/Ch44/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.43 mW/g

**Bottom/Main Ant/802.11n HT20/Ch44/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

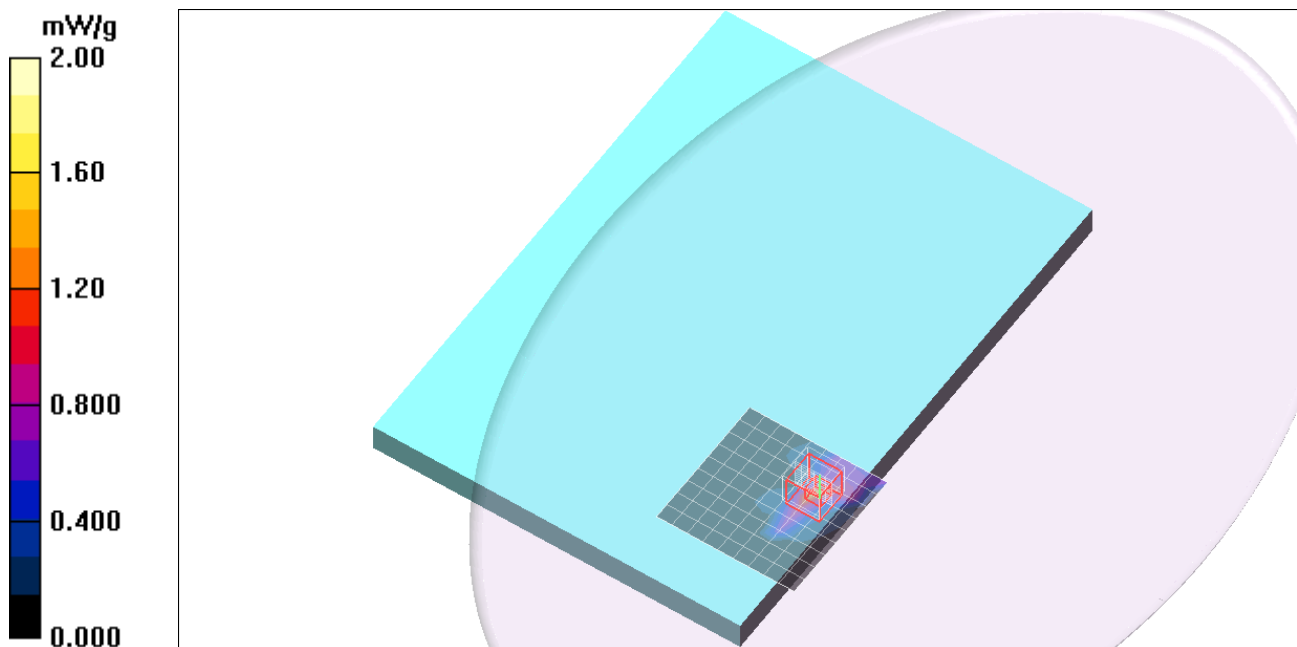
Reference Value = 9.11 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 3.30 W/kg

**SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.197 mW/g**

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

Maximum value of SAR (measured) = 1.86 mW/g



## 5GHz 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;  $\sigma = 5.26$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.84, 3.84, 3.84); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11n HT20/Ch60/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

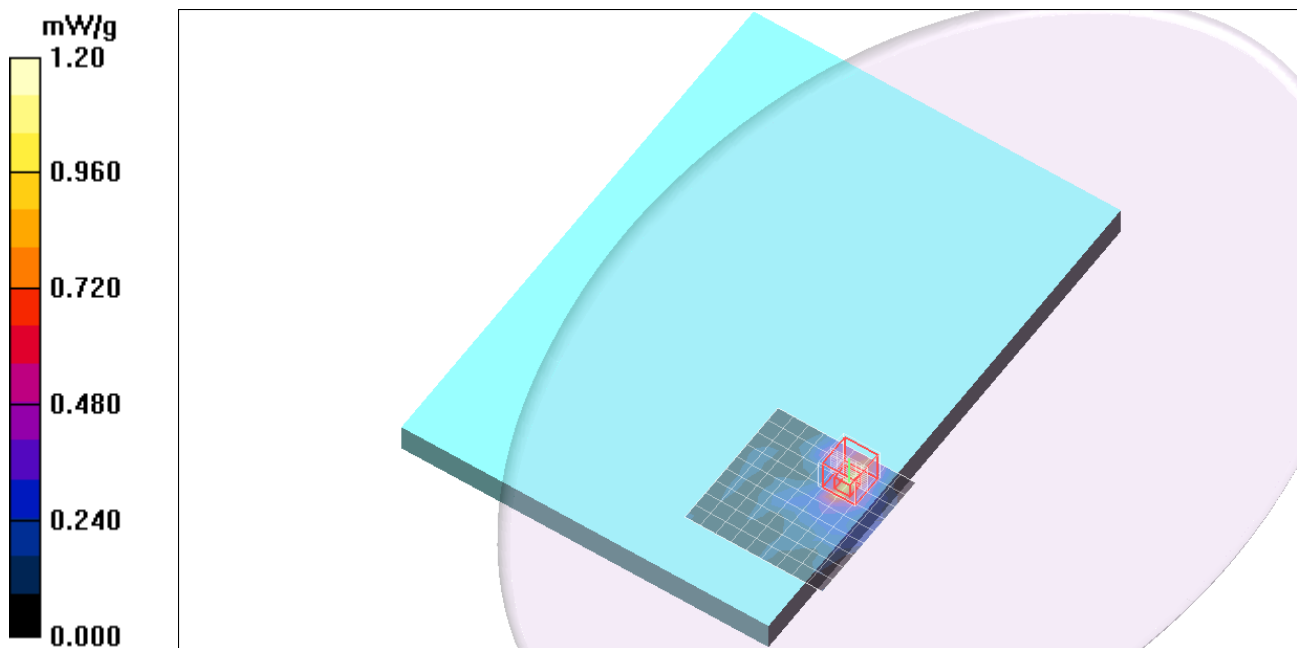
**Bottom/Main Ant/802.11n HT20/Ch60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.46 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 2.64 W/kg

**SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.233 mW/g**

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



## 5GHz Band

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;  $\sigma = 5.71$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11n HT20/Ch120/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

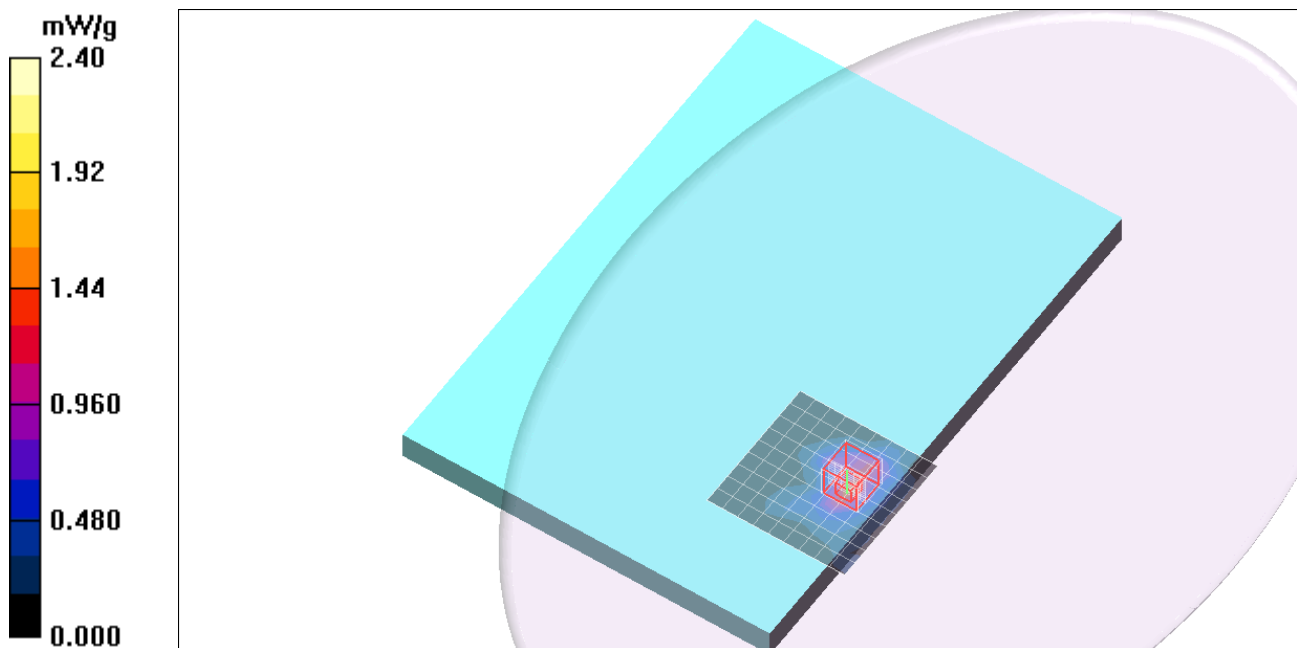
**Bottom/Main Ant/802.11n HT20/Ch120/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.22 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 3.18 W/kg0.

**SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 1.49 mW/g



## 5GHz Band

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

Medium parameters used (interpolated):  $f = 5680$  MHz;  $\sigma = 5.79$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11n HT20/Ch136 /Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**Bottom/Main Ant/802.11n HT20/Ch136 /Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

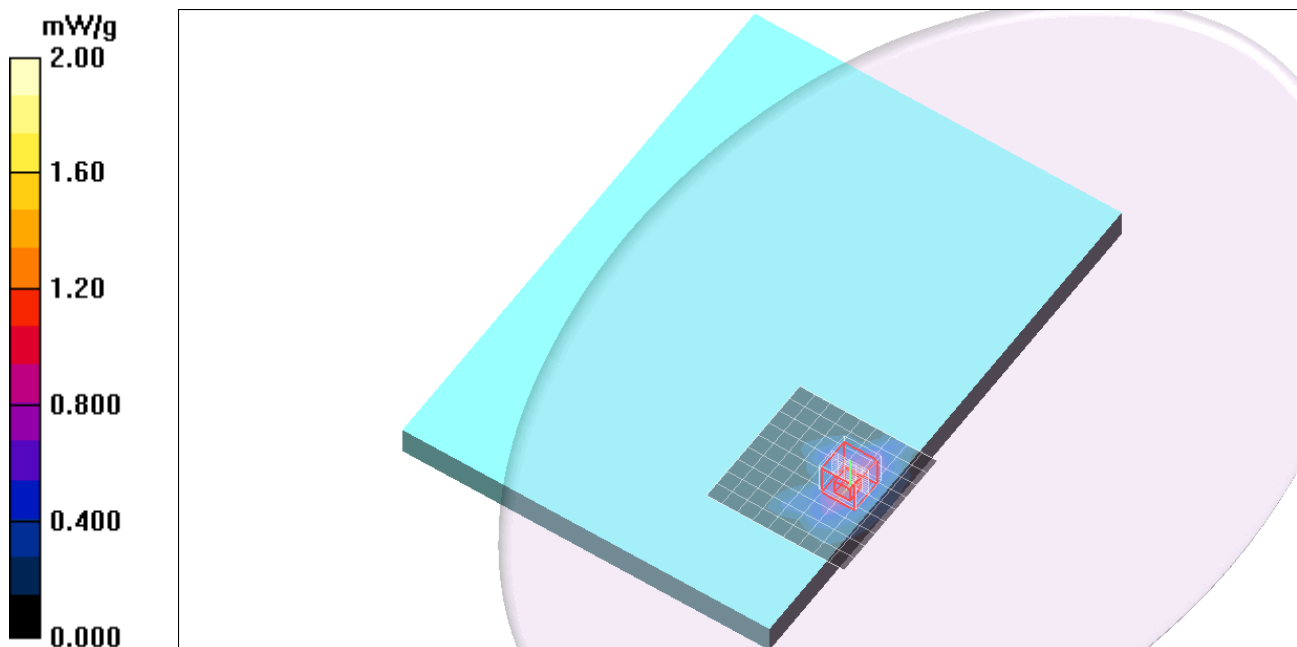
Reference Value = 4.79 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.235 mW/g**

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

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



## 5GHz Band

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

Medium parameters used:  $f = 5785.3$  MHz;  $\sigma = 5.95$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11n HT20/Ch157/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.978 mW/g

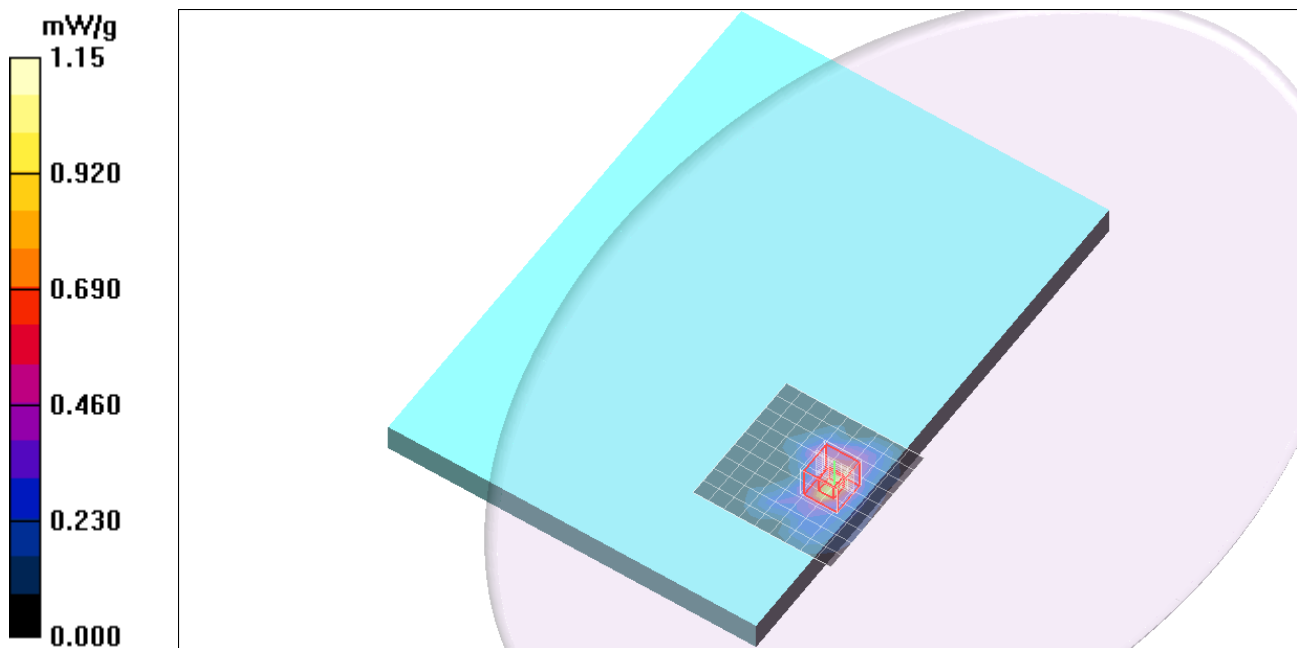
**Bottom/Main Ant/802.11n HT20/Ch157/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.62 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 2.22 W/kg

**SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.197 mW/g**

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



## 5GHz 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;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 48.1$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(4.02, 4.02, 4.02); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11ac/Ch44/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

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

**Bottom/Main Ant/802.11ac/Ch44/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

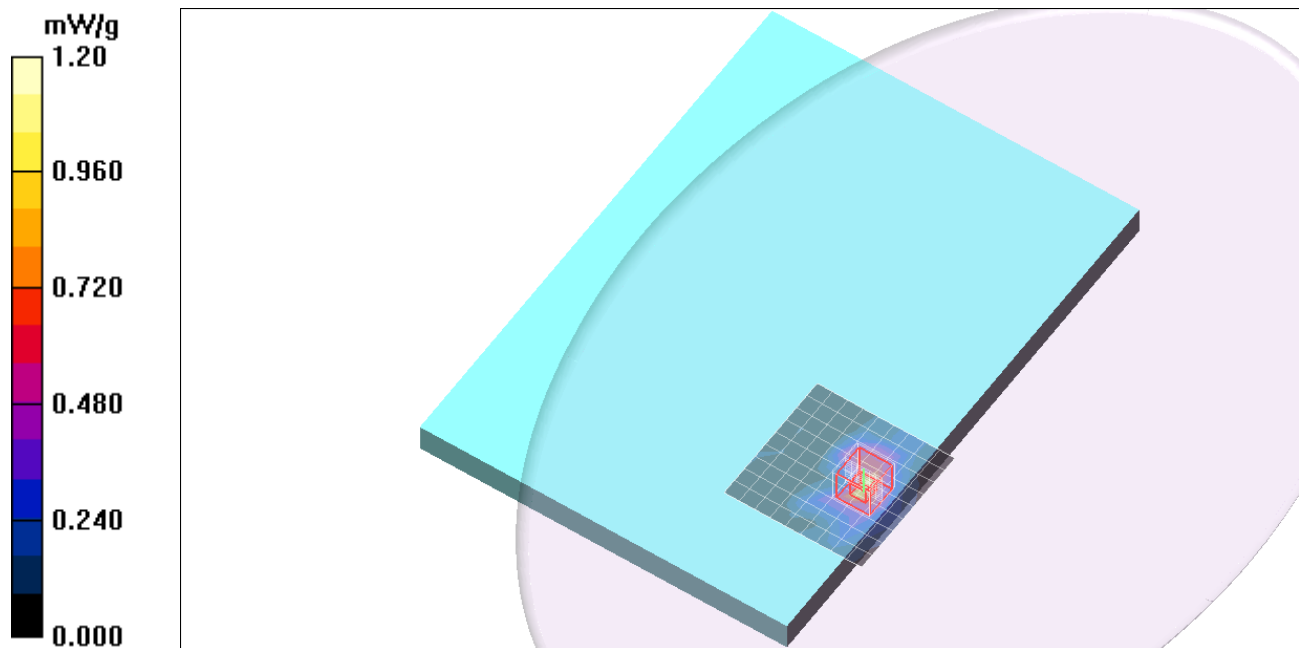
Reference Value = 8.82 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.176 mW/g**

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

Maximum value of SAR (measured) = 0.977 mW/g



## 5GHz 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;  $\sigma = 5.26$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.84, 3.84, 3.84); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11ac/Ch60/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.827 mW/g

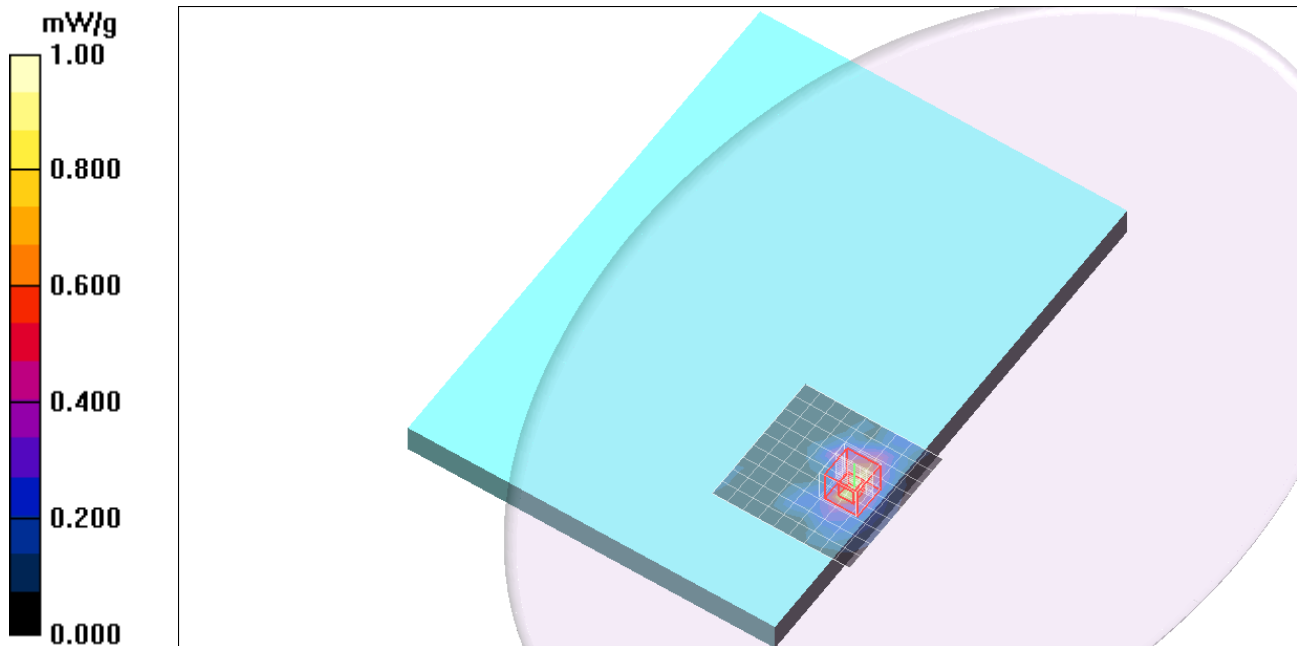
**Bottom/Main Ant/802.11ac/Ch60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.65 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.170 mW/g**

Maximum value of SAR (measured) = 0.896 mW/g



## 5GHz Band

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;  $\sigma = 5.71$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- 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 Ant/802.11ac/Ch120/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

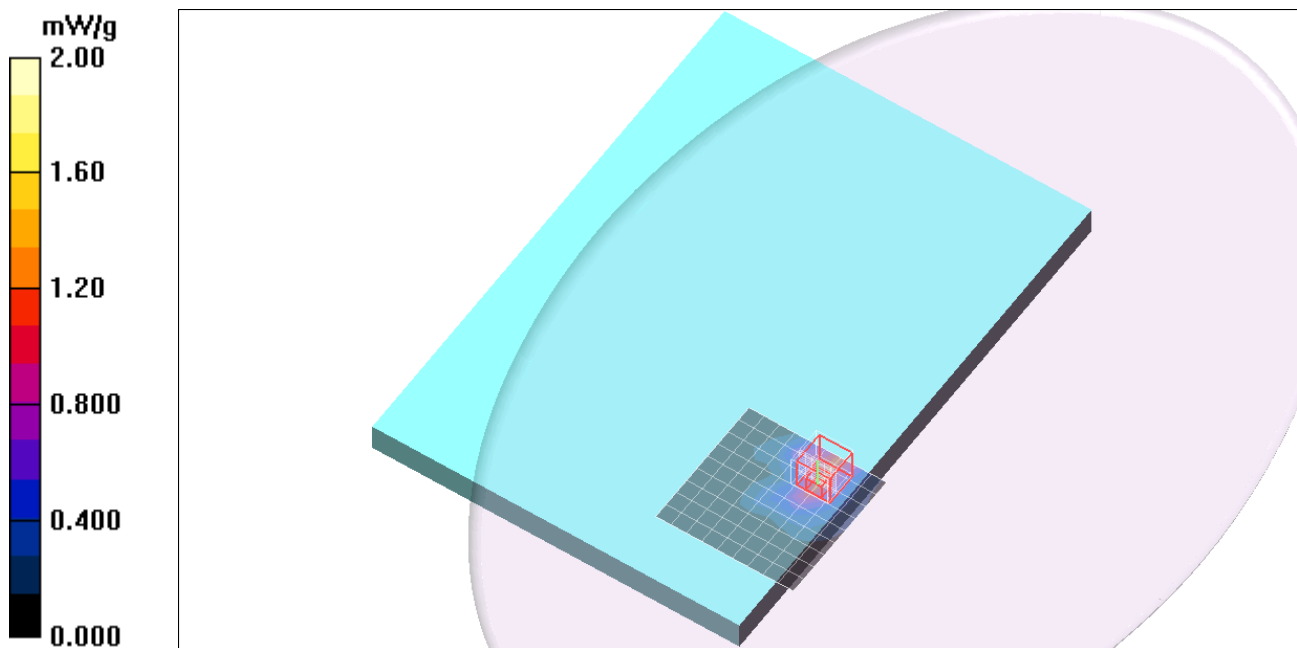
**Bottom/Main Ant/802.11ac/Ch120/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.49 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 3.13 W/kg

**SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.263 mW/g**

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



## 5GHz Band

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

Medium parameters used:  $f = 5785.3$  MHz;  $\sigma = 5.95$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11ac/Ch157/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

**Bottom/Main Ant/802.11ac/Ch157/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm,

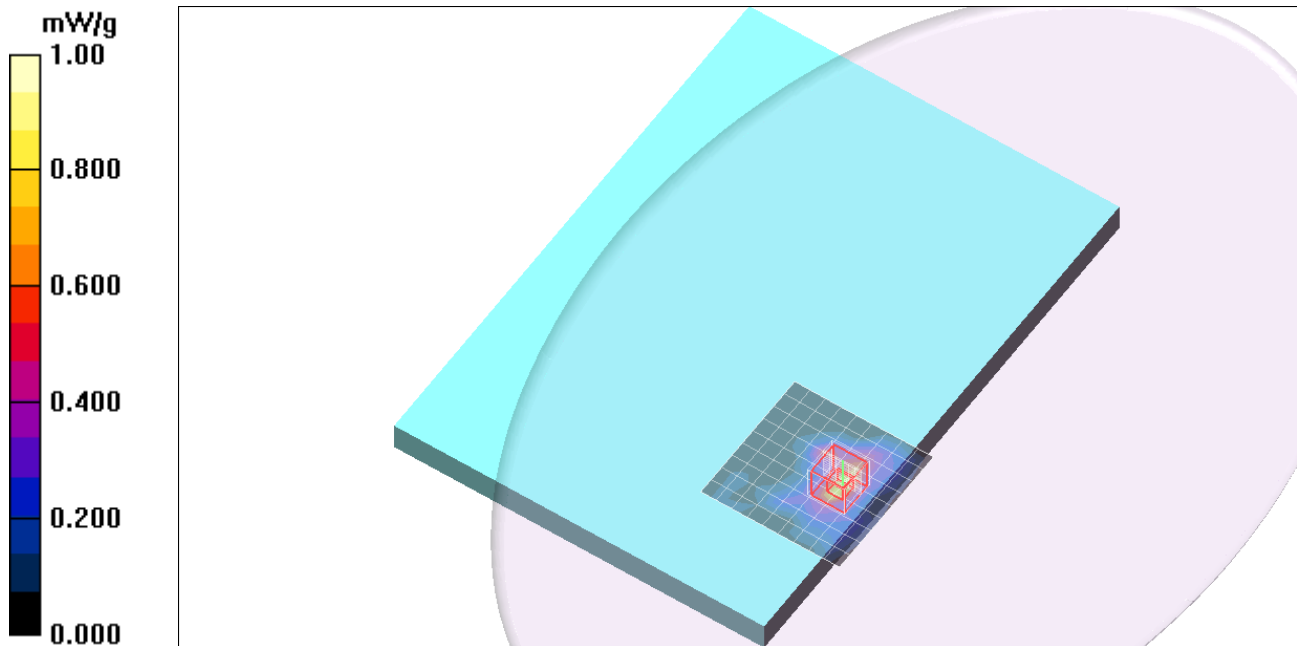
dy=4mm, dz=2mm

Reference Value = 3.63 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.158 mW/g**

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



## 5GHz Band

Frequency: 5550 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5550$  MHz;  $\sigma = 5.62$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11n HT40/Ch110/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.727 mW/g

**Bottom/Main Ant/802.11n HT40/Ch110/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

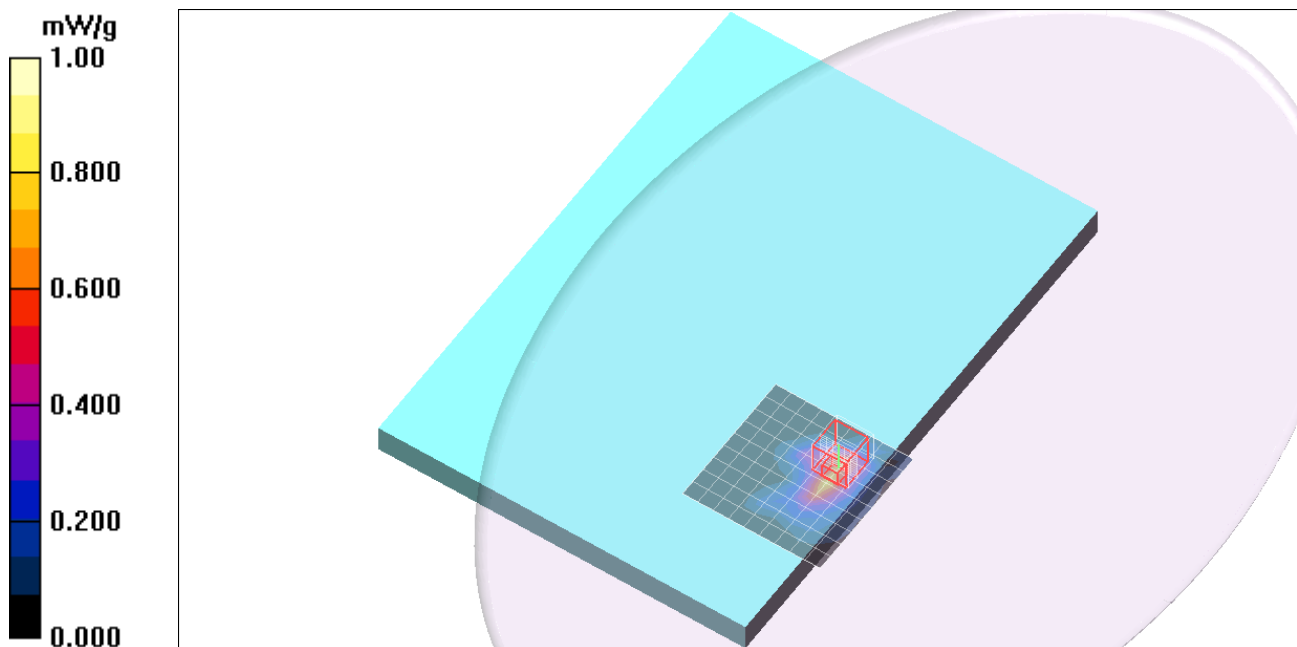
Reference Value = 4.64 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.157 mW/g**

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

Maximum value of SAR (measured) = 0.765 mW/g



## 5GHz Band

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5610.4$  MHz;  $\sigma = 5.71$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Bottom/Main Ant/802.11ac/Ch122/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.937 mW/g

**Bottom/Main Ant/802.11ac/Ch122/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm,

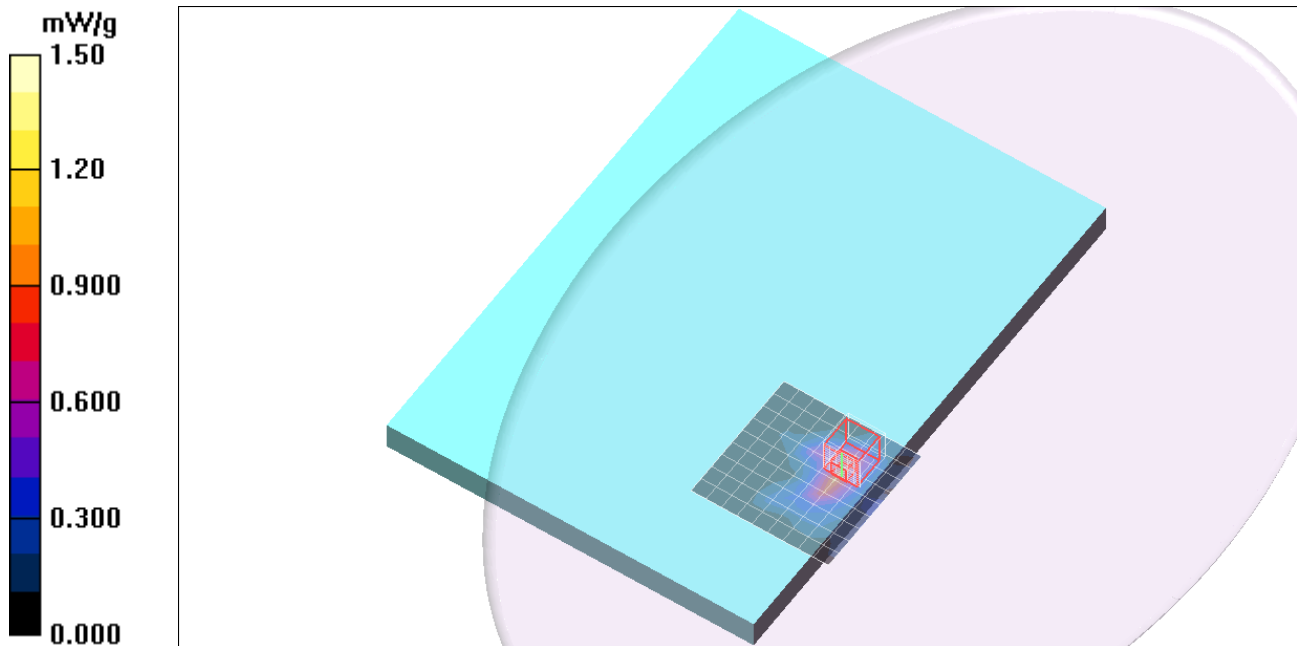
dy=4mm, dz=2mm

Reference Value = 5.20 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.162 mW/g**

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



## 5GHz Band

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;  $\sigma = 5.71$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

### Bottom/Main Ant/802.11n HT20/Ch120\_Ant 2/Area Scan (10x10x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.24 mW/g

### Bottom/Main Ant/802.11n HT20/Ch120\_Ant 2/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

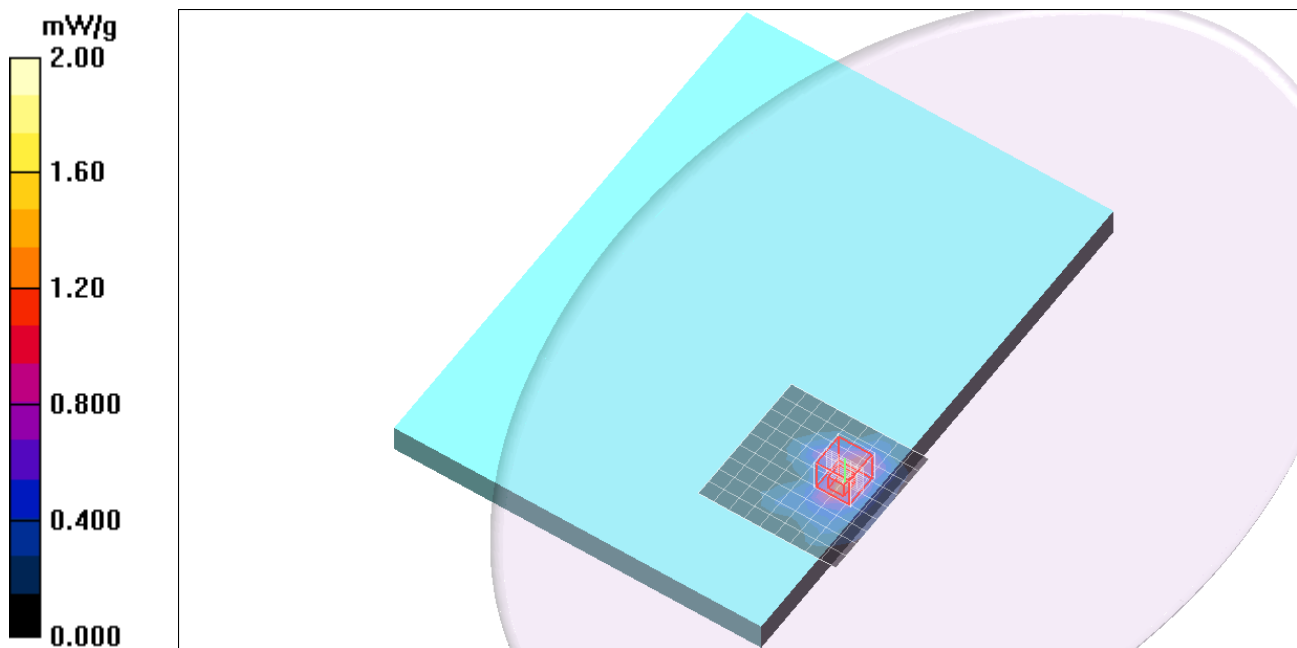
dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.86 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 3.24 W/kg

**SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.299 mW/g**

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

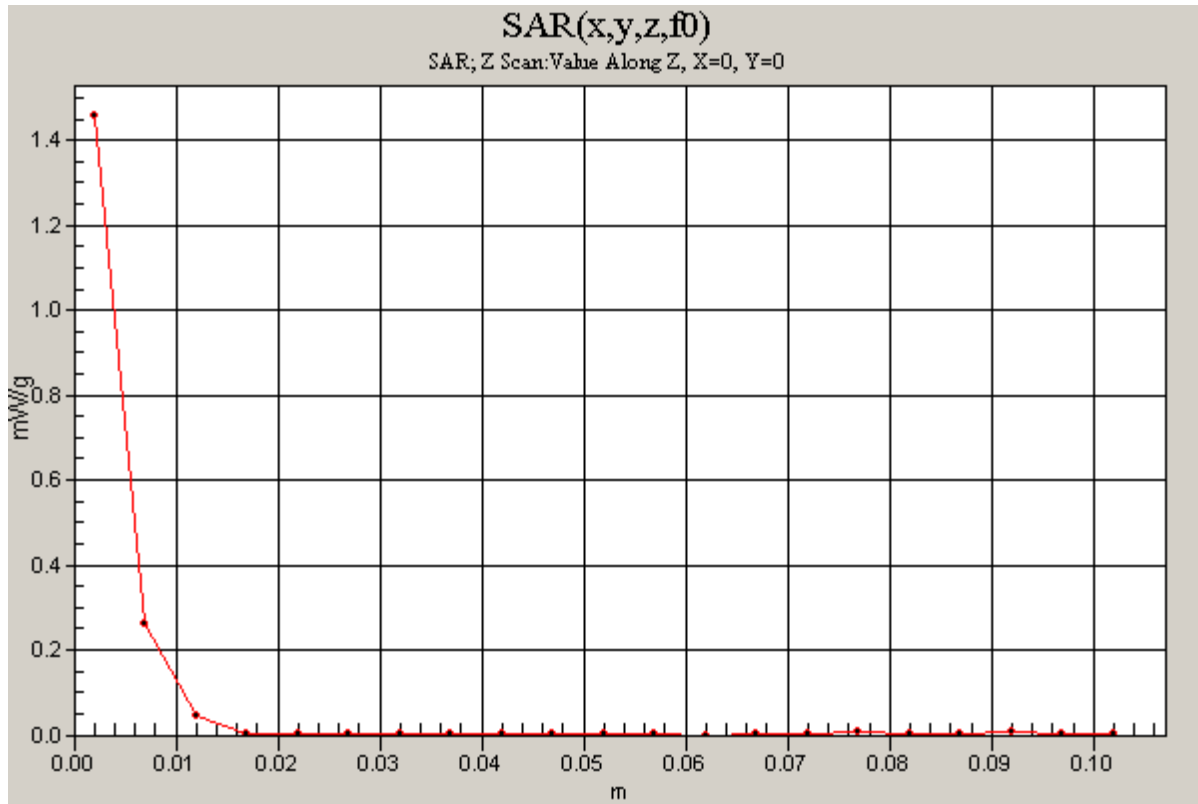


## 5GHz Band

Frequency: 5600 MHz; Duty Cycle: 1:1

**Bottom/Main Ant/802.11n HT20/Ch120\_Ant 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.46 mW/g



## 5GHz Band

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

Medium parameters used (interpolated):  $f = 5680$  MHz;  $\sigma = 5.89$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  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: 7/22/2014
- Probe: EX3DV4 - SN3554; ConvF(3.42, 3.42, 3.42); Calibrated: 9/24/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

### Bottom/Main Ant/802.11n HT20/Ch136\_Ant 2/Area Scan (10x10x1): Measurement grid:

dx=10mm, dy=10mm

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

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

### Bottom/Main Ant/802.11n HT20/Ch136\_Ant 2/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

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

Reference Value = 2.28 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 5.54 W/kg

**SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.199 mW/g**

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

Maximum value of SAR (measured) = 1.40 mW/g

