

## 5.2GHz Band

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.34$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

### 802.11a, Chain A\_Ch 36/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.490 mW/g

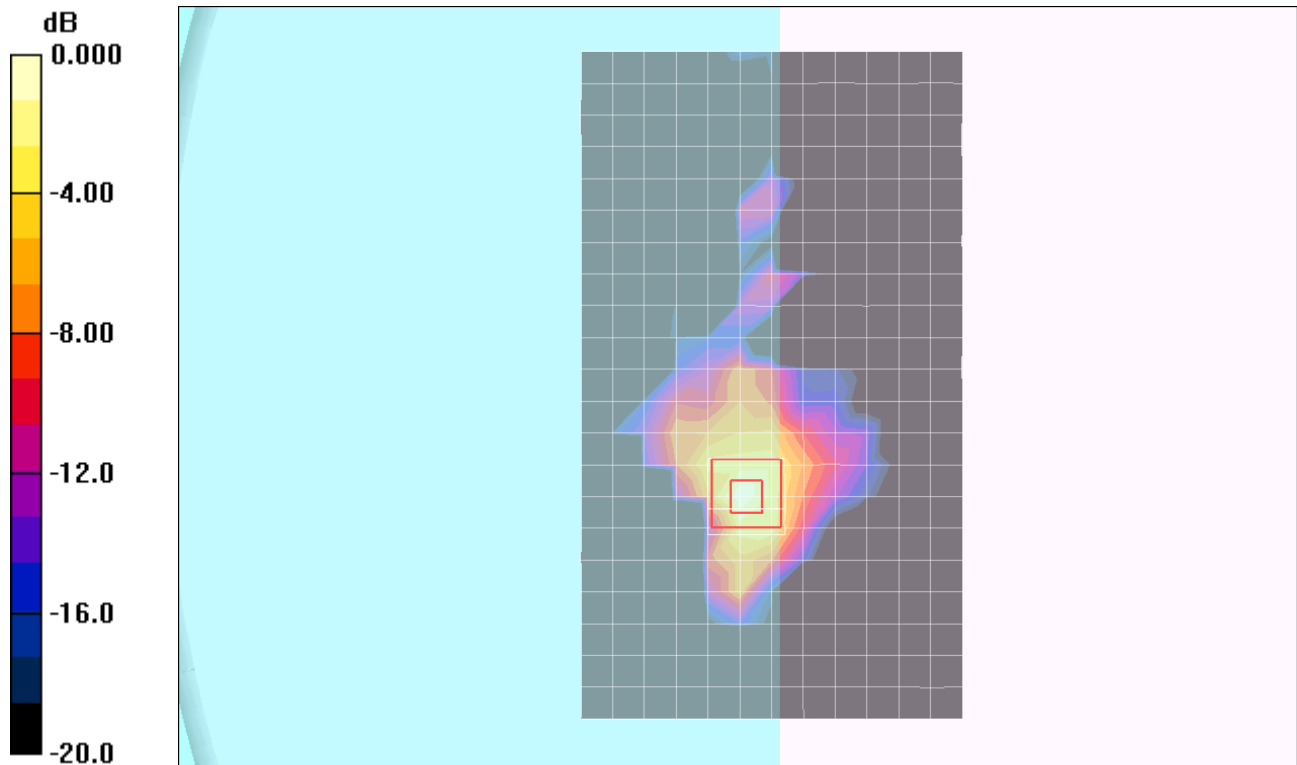
### 802.11a, Chain A\_Ch 36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.4 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.917 W/kg

**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.093 mW/g**

Maximum value of SAR (measured) = 0.487 mW/g



0 dB = 0.487mW/g

## 5.2GHz Band

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 49.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A\_Ch 48/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.518 mW/g

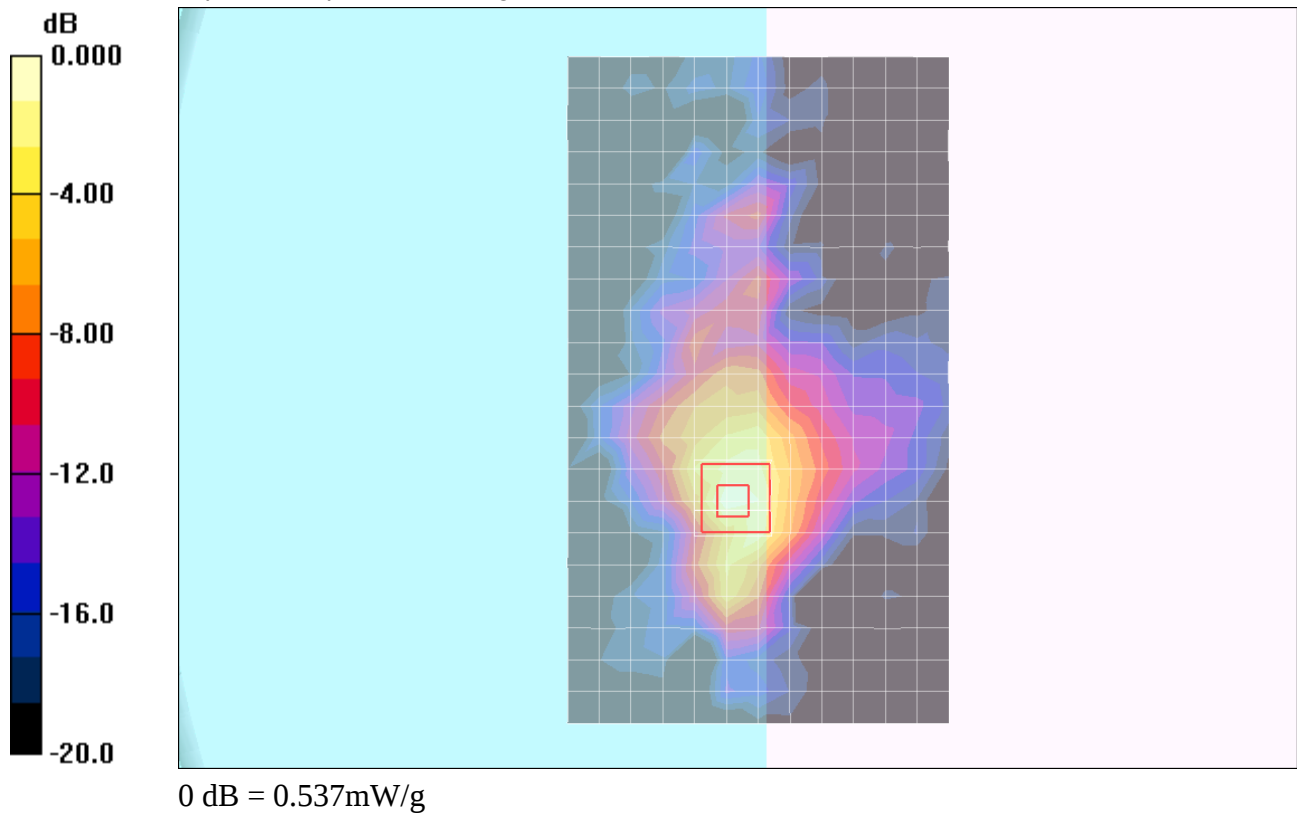
**802.11a, Chain A\_Ch 48/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.9 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.996 W/kg

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.537 mW/g



## 5.2GHz Band

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

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.34$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 36/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.408 mW/g

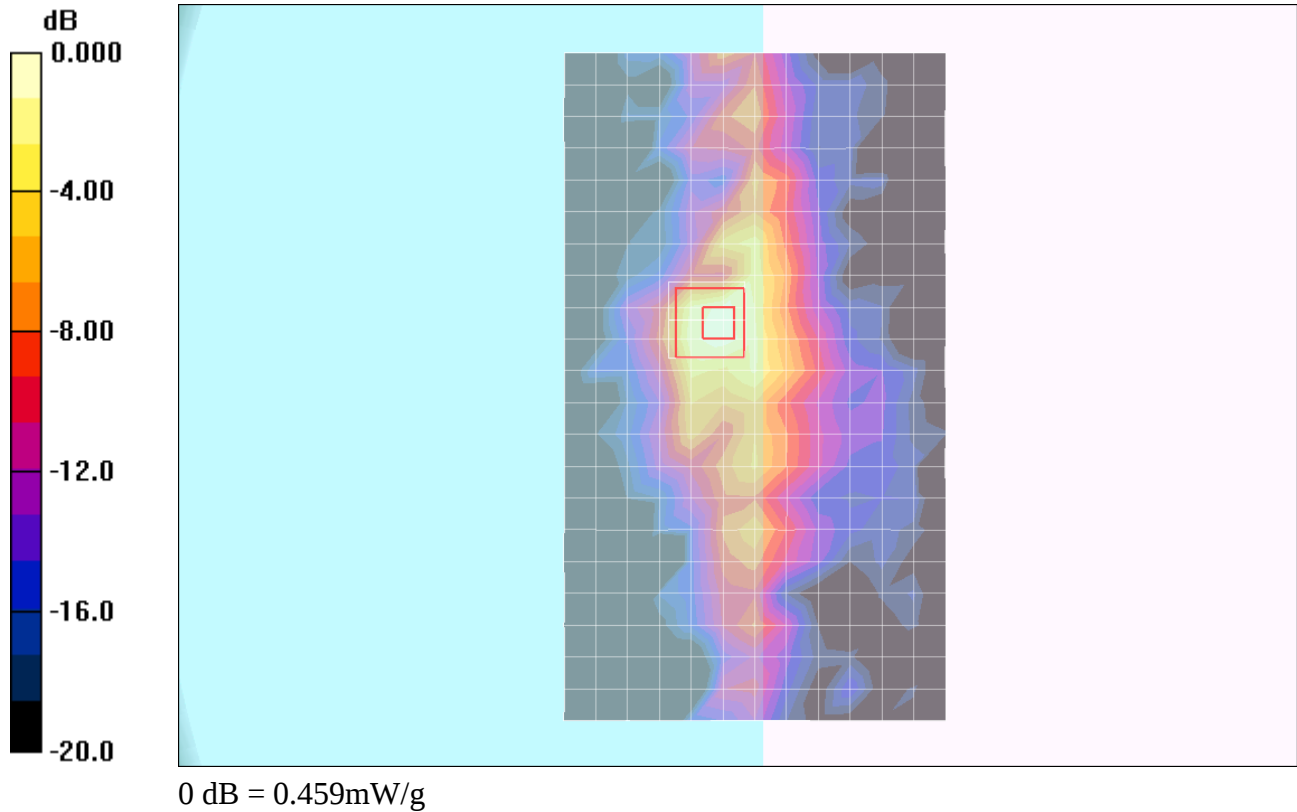
**802.11a, Chain B\_Ch 36/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.96 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.459 mW/g



## 5.2GHz Band

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

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 49.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 48/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.487 mW/g

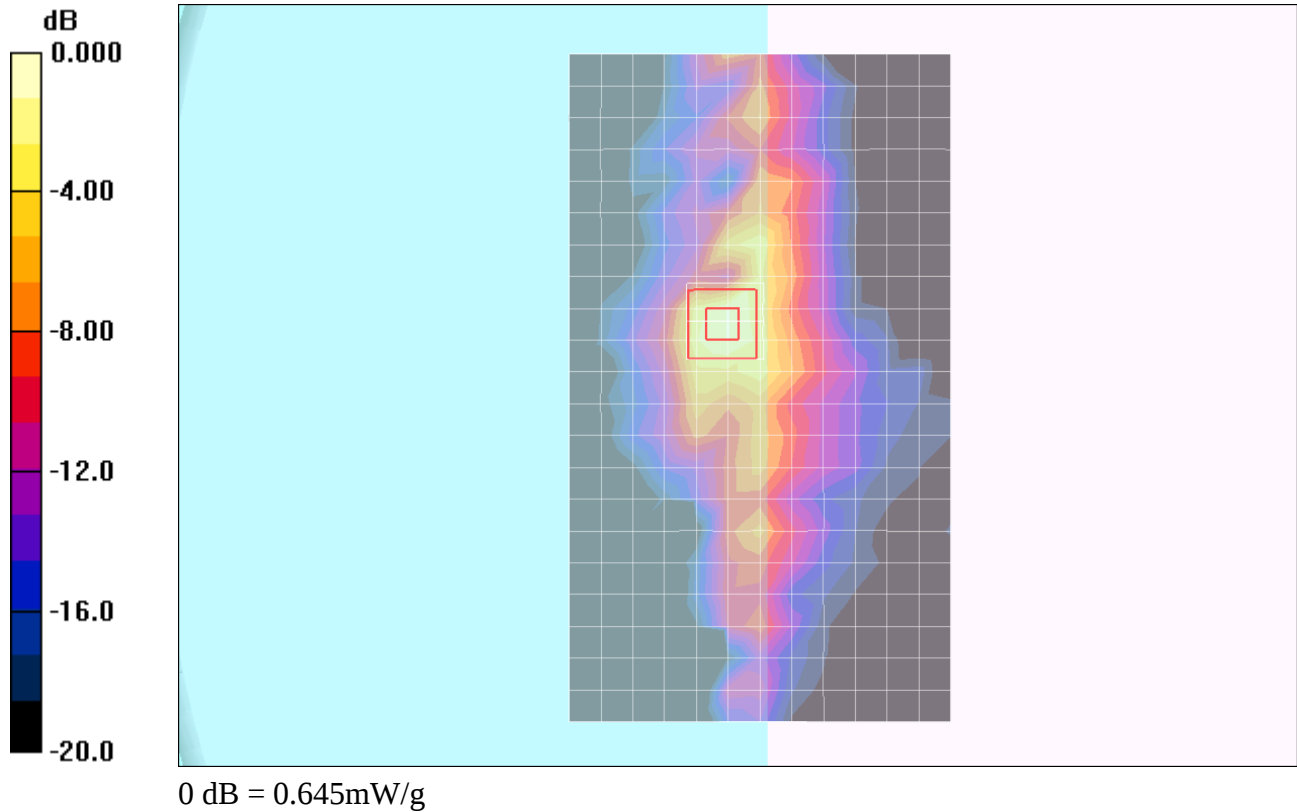
**802.11a, Chain B\_Ch 48/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.93 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.120 mW/g**

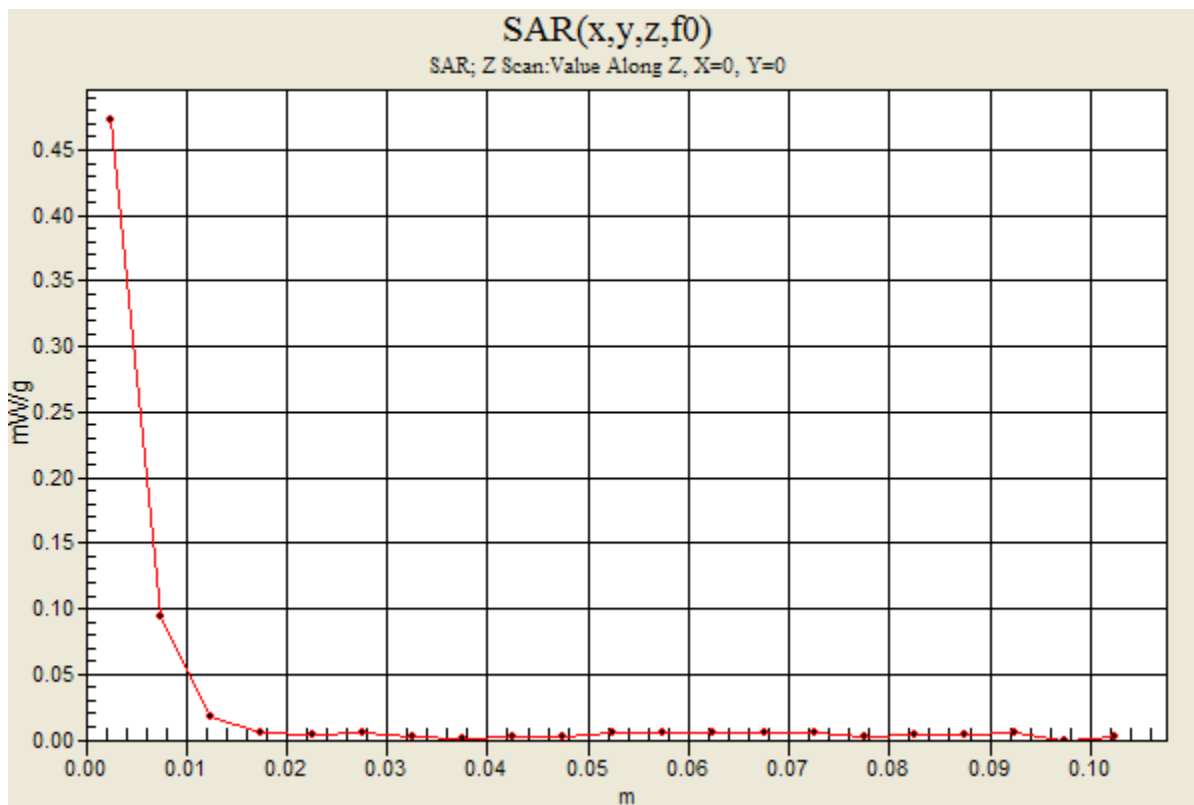
Maximum value of SAR (measured) = 0.645 mW/g



## 5.2GHz Band

Frequency: 5240 MHz; Duty Cycle: 1:1

**802.11a, Chain B\_Ch 48/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.473 mW/g



## 5.2GHz Band

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

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.34$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A, B\_Ch 36/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.276 mW/g

**802.11a, Chain A\_Ch 36/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.99 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.277 mW/g

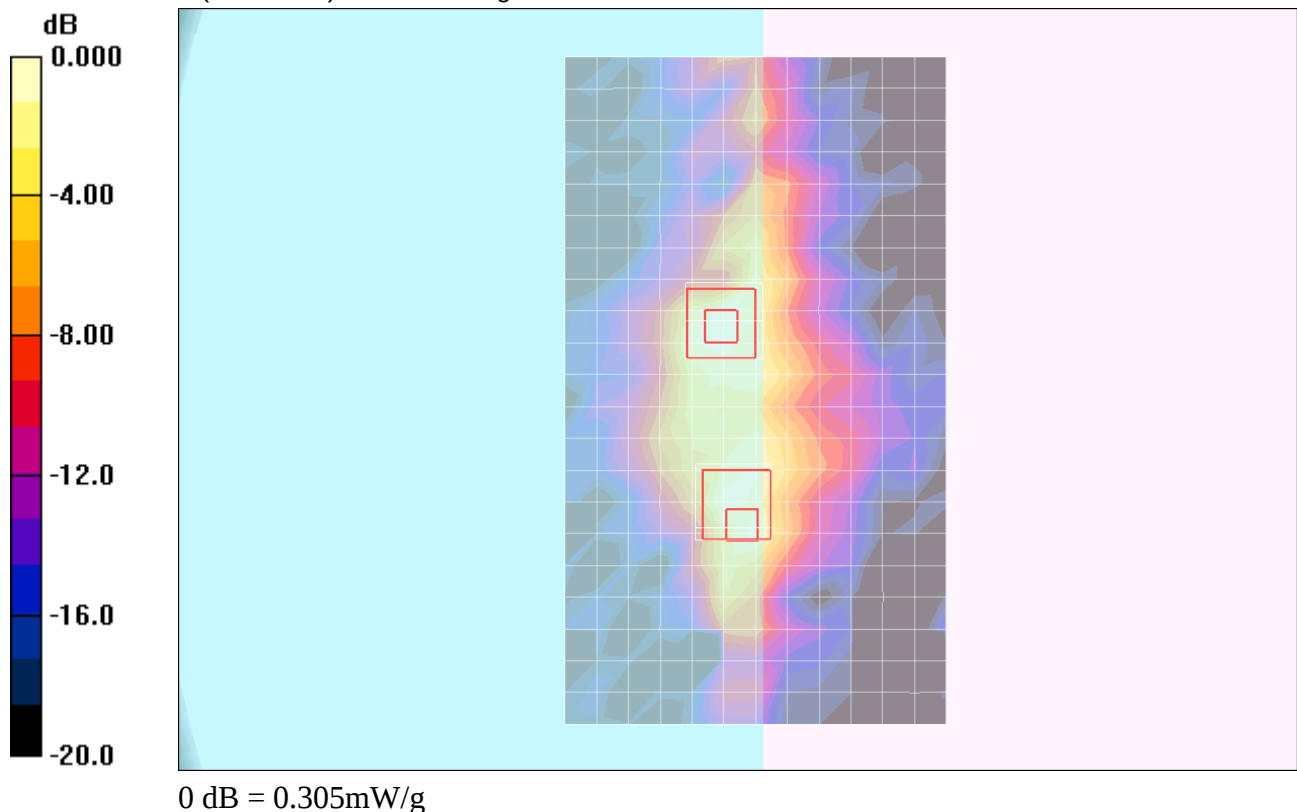
**802.11a, Chain B\_Ch 36/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.99 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.564 W/kg

**SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g



## 5.2GHz Band

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

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 49.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A, B\_Ch 48/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.383 mW/g

**802.11a, Chain A\_Ch 48/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.80 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.522 W/kg

**SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.281 mW/g

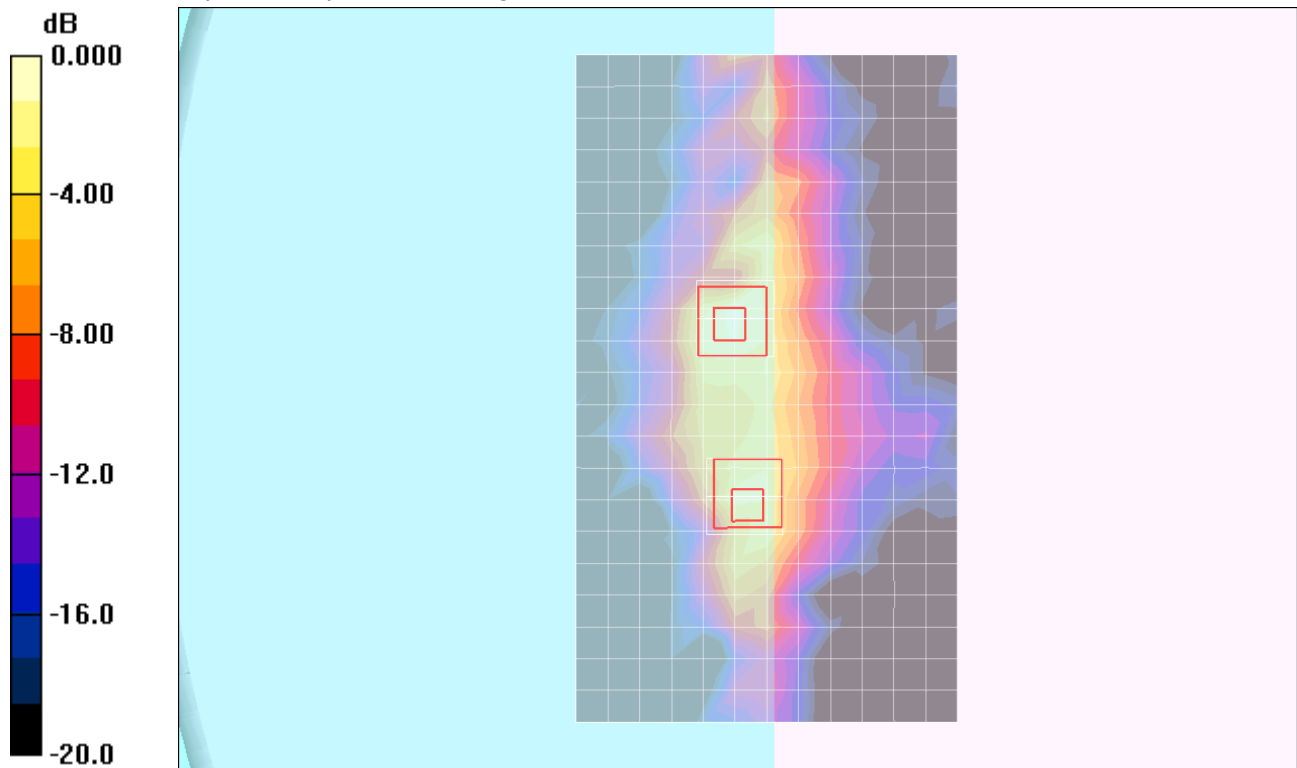
**802.11a, Chain B\_Ch 48/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.80 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.957 W/kg

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.083 mW/g**

Maximum value of SAR (measured) = 0.465 mW/g



0 dB = 0.465mW/g

## 5.2GHz Band

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

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.1$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT20, Chain A\_Ch 40/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.463 mW/g

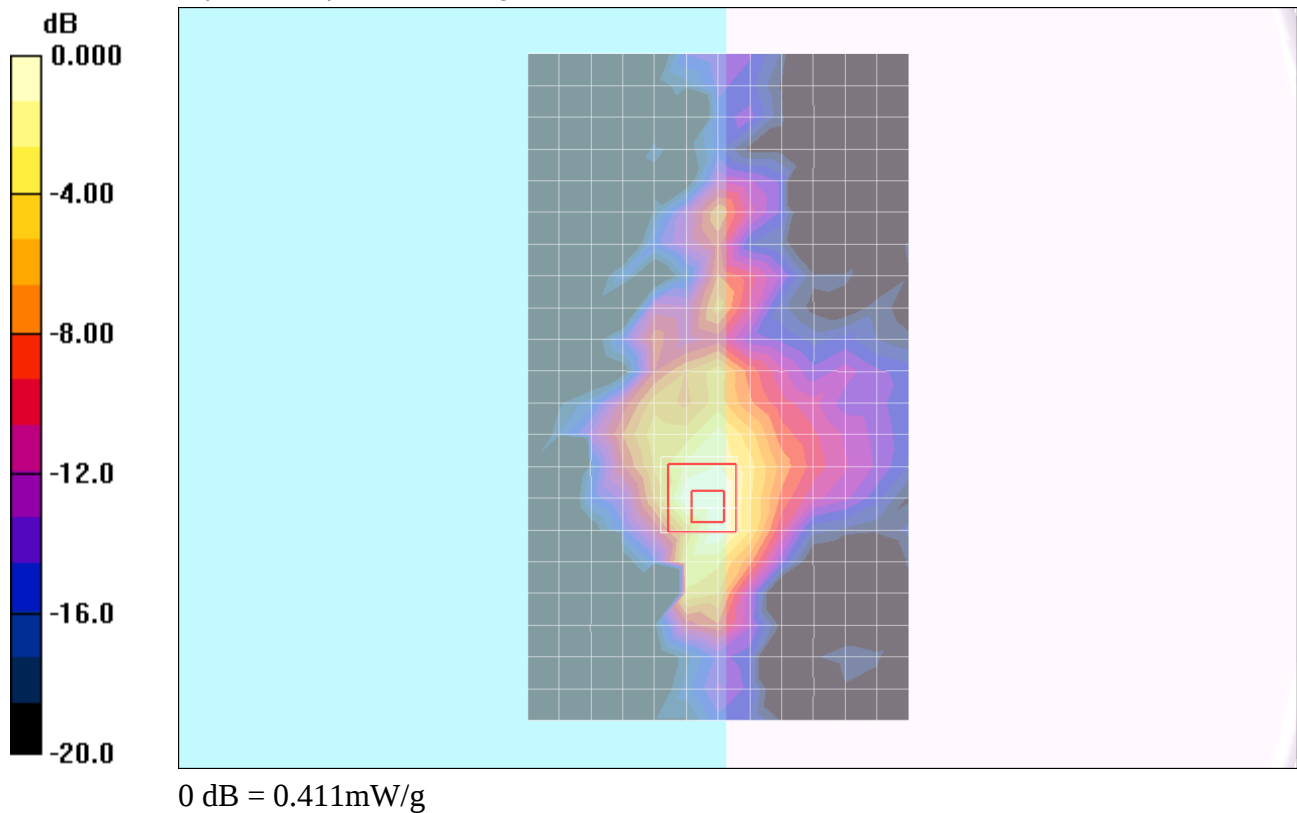
**802.11n HT20, Chain A\_Ch 40/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.54 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.699 W/kg

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.411 mW/g



## 5.2GHz Band

Frequency: 5230 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5230$  MHz;  $\sigma = 5.14$  mho/m;  $\epsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(4.23, 4.23, 4.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT40, Chain A,B\_Ch 46/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.590 mW/g

**802.11n HT40, Chain A\_Ch 46/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.72 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.712 W/kg

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.076 mW/g**

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

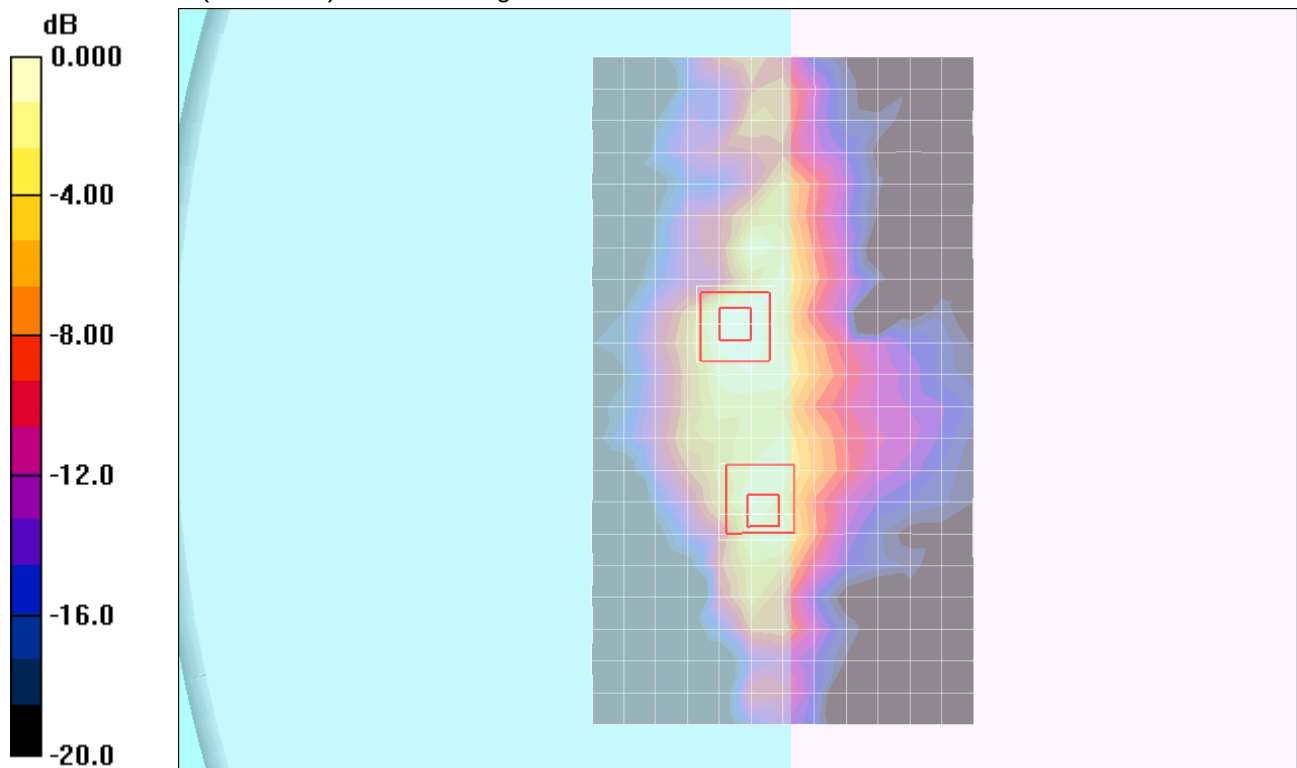
**802.11n HT40, Chain B\_Ch 46/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.72 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.116 mW/g**

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

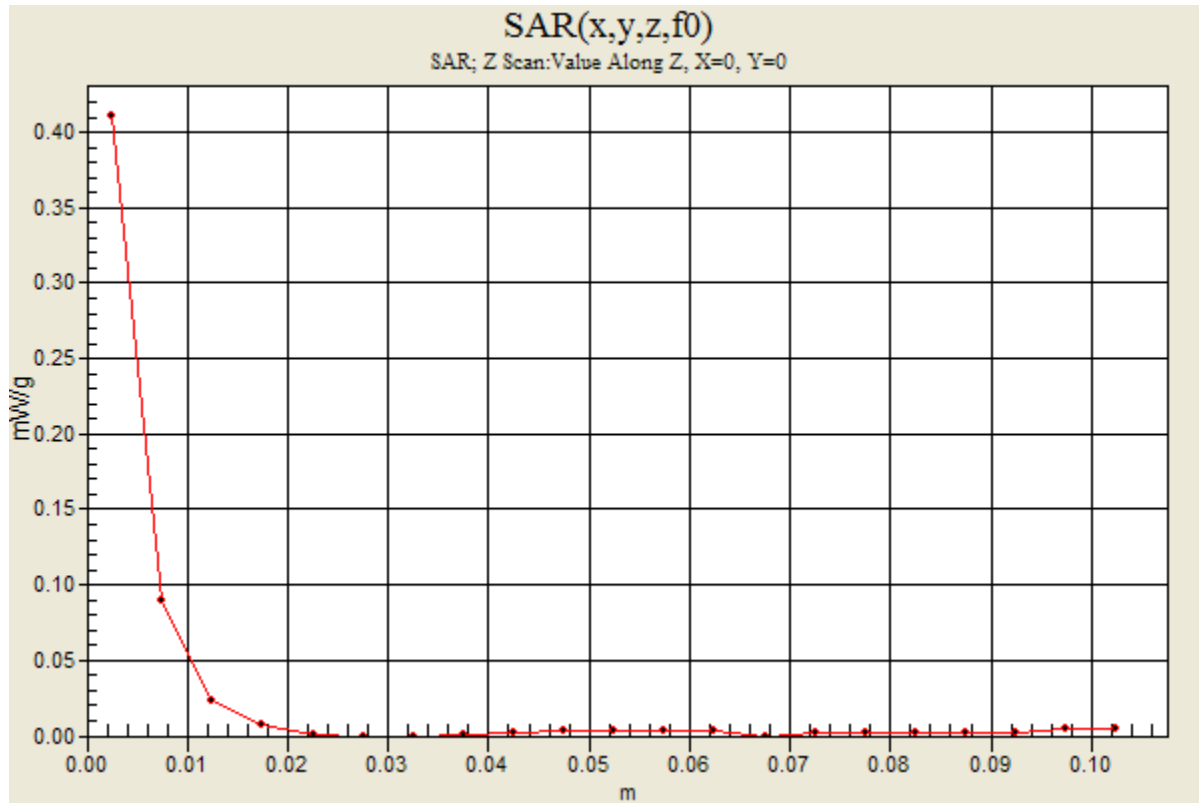


0 dB = 0.593mW/g

## 5.2GHz Band

Frequency: 5230 MHz; Duty Cycle: 1:1

**802.11n HT40, Chain A,B\_Ch 46/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.411 mW/g



## 5.3GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.44$  mho/m;  $\epsilon_r = 49.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(4.11, 4.11, 4.11); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

### 802.11a, Chain A\_Ch 52/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

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

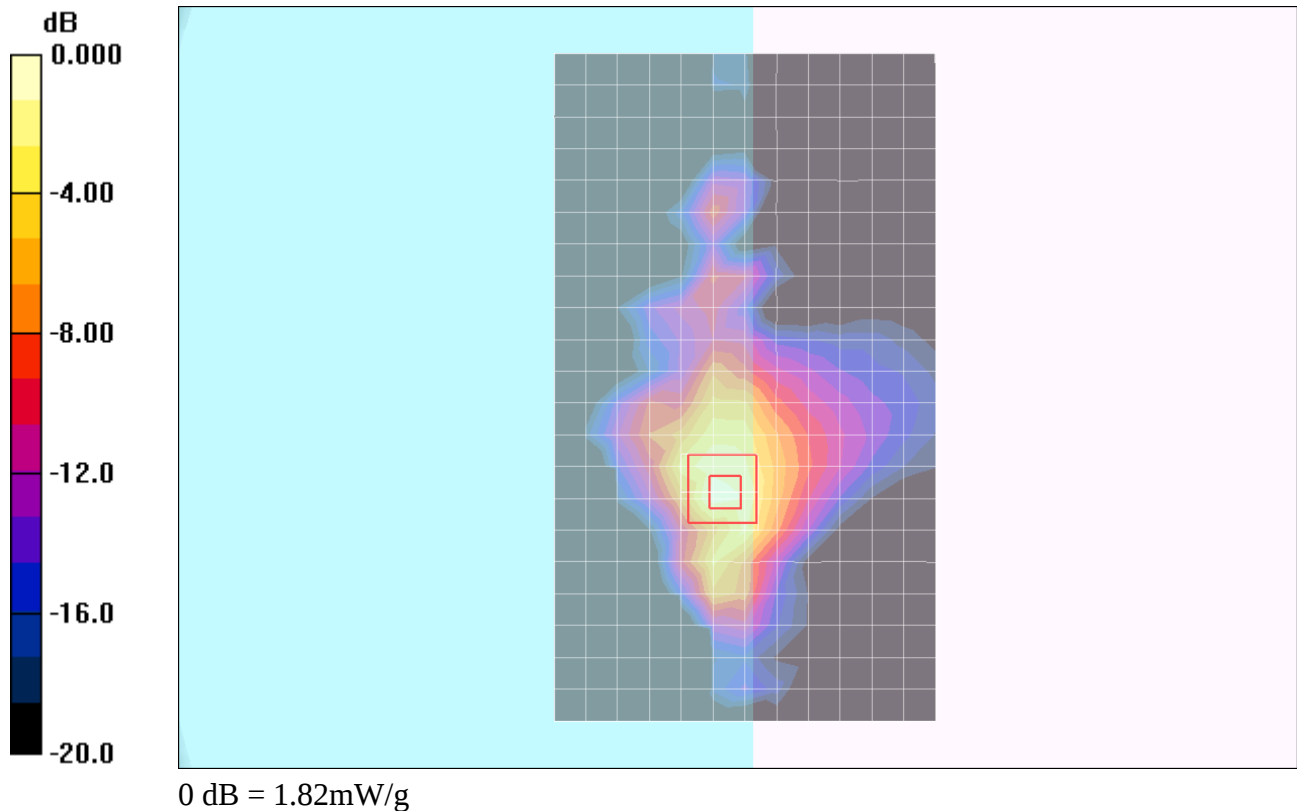
### 802.11a, Chain A\_Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 18.7 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 3.44 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.385 mW/g**

Maximum value of SAR (measured) = 1.82 mW/g



## 5.3GHz Band

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.49$  mho/m;  $\epsilon_r = 49.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(4.11, 4.11, 4.11); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A\_Ch 60/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.84 mW/g

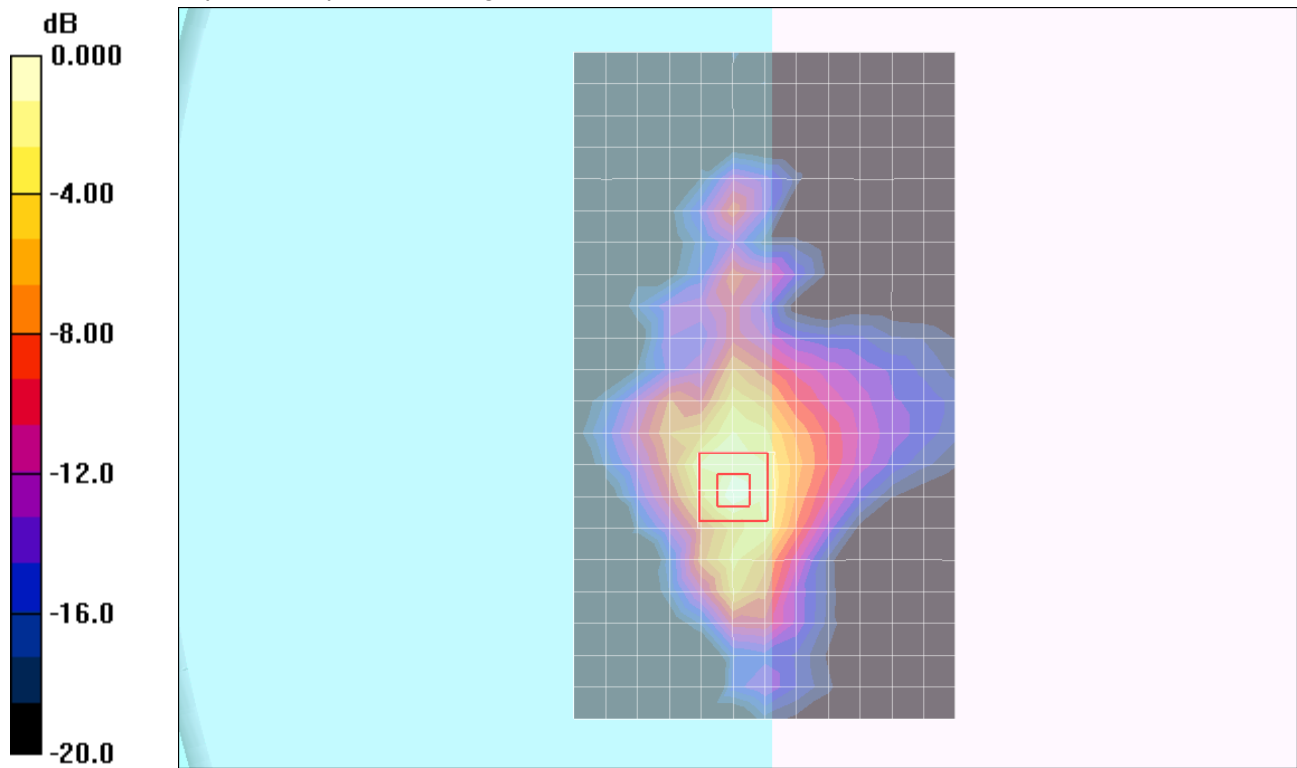
**802.11a, Chain A\_Ch 60/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 20.3 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 3.69 W/kg

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.423 mW/g**

Maximum value of SAR (measured) = 1.95 mW/g

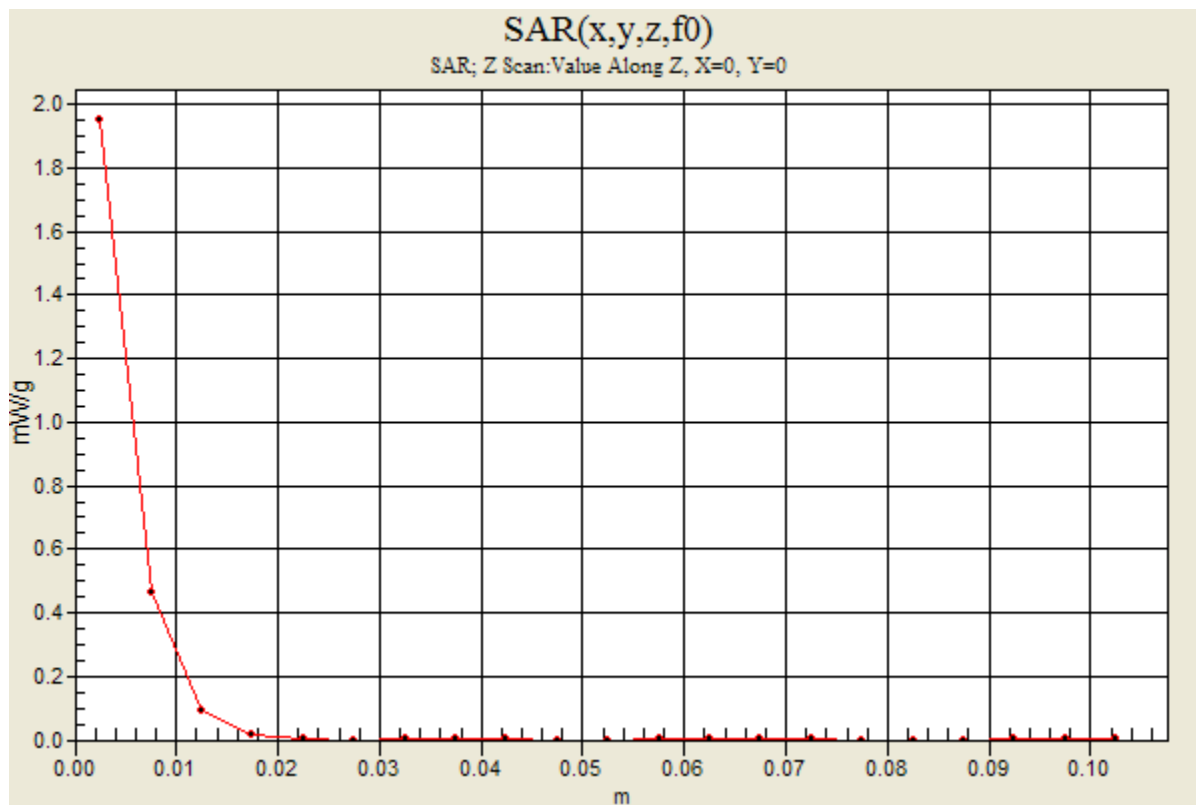


0 dB = 1.95mW/g

## 5.3GHz Band

Frequency: 5300 MHz; Duty Cycle: 1:1

**802.11a, Chain A\_Ch 60/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.95 mW/g



## 5.3GHz Band

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

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.44$  mho/m;  $\epsilon_r = 49.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(4.11, 4.11, 4.11); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 52/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.59 mW/g

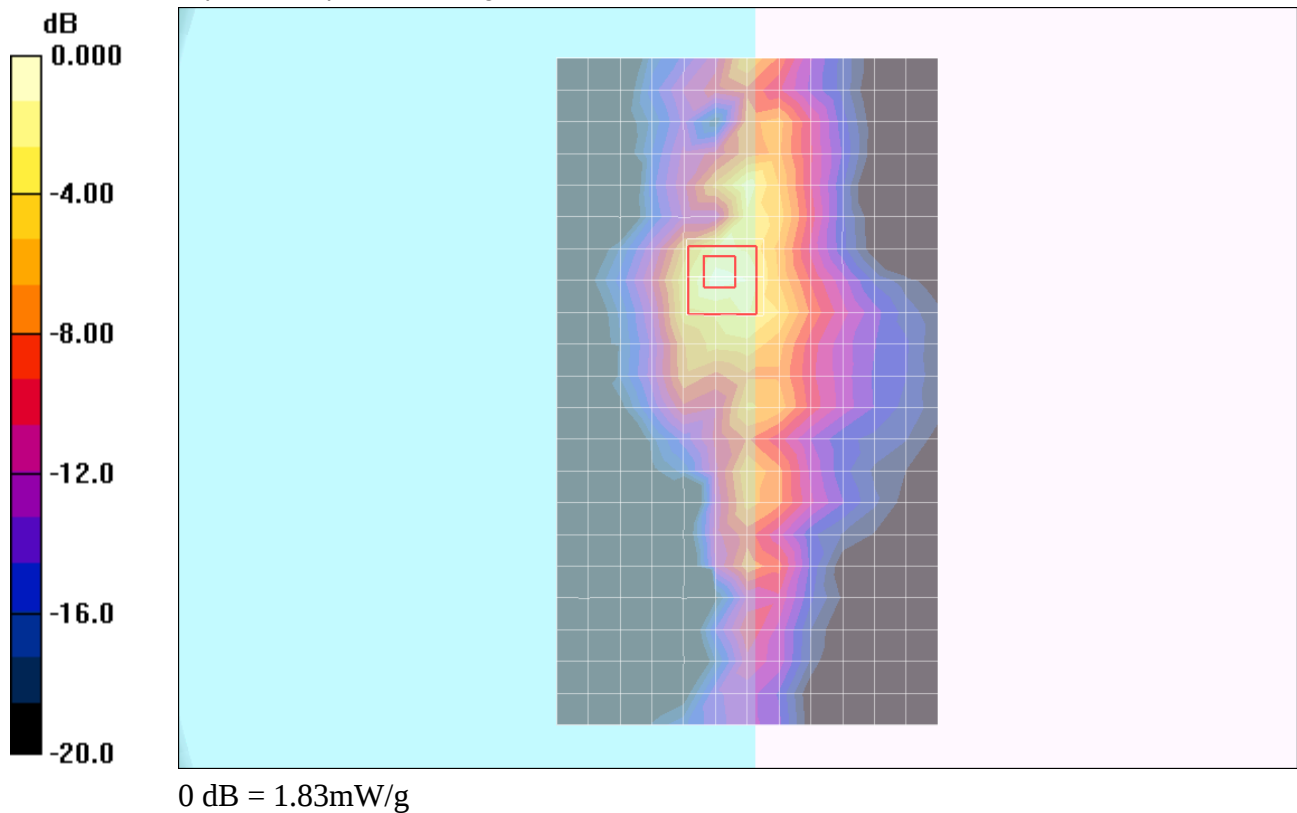
**802.11a, Chain B\_Ch 52/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.5 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 3.82 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.372 mW/g**

Maximum value of SAR (measured) = 1.83 mW/g



## 5.3GHz Band

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

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.49$  mho/m;  $\epsilon_r = 49.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(4.11, 4.11, 4.11); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

### 802.11a, Chain B\_Ch 60/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.01 mW/g

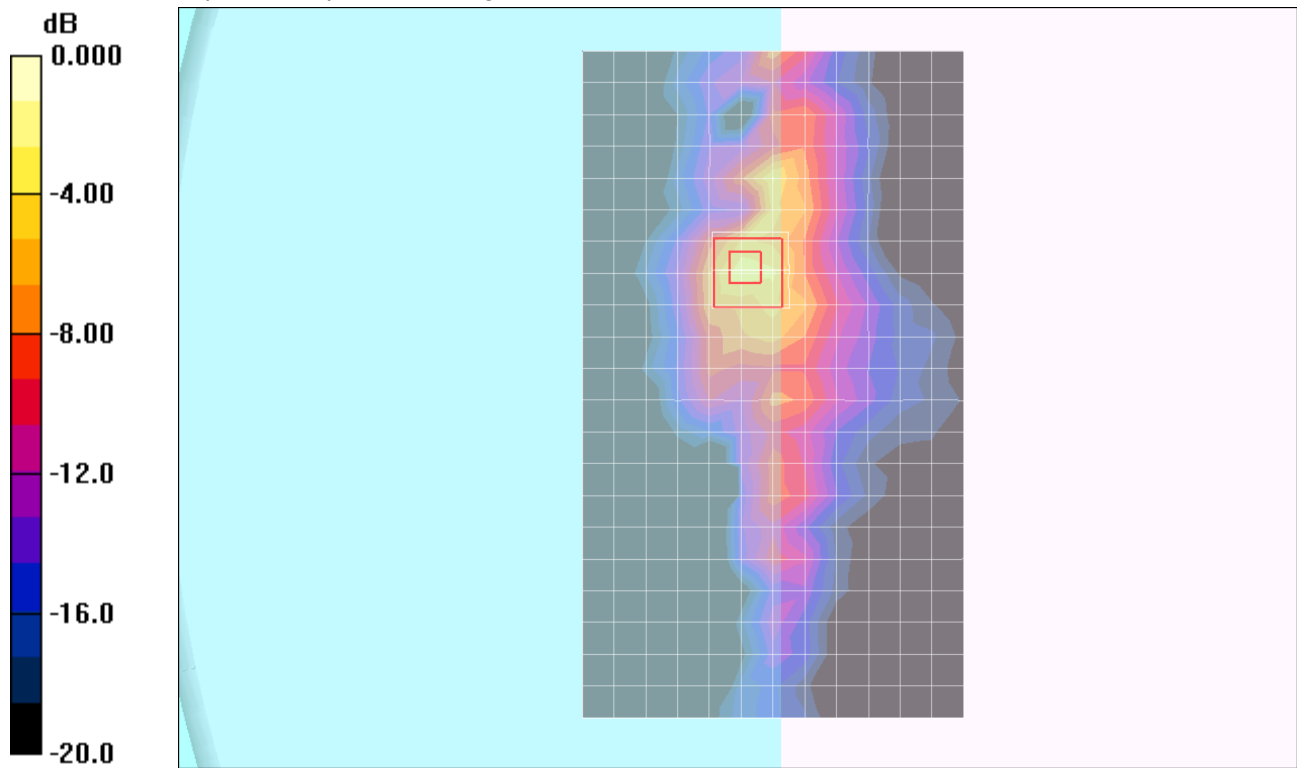
### 802.11a, Chain B\_Ch 60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 19.7 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 3.93 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.371 mW/g**

Maximum value of SAR (measured) = 1.92 mW/g



0 dB = 1.92mW/g

## 5.3GHz Band

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

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.44$  mho/m;  $\epsilon_r = 49.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(4.11, 4.11, 4.11); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT20, Chain A, B\_Ch 52/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.964 mW/g

**802.11n HT20, Chain A\_Ch 52/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.5 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 0.941 mW/g

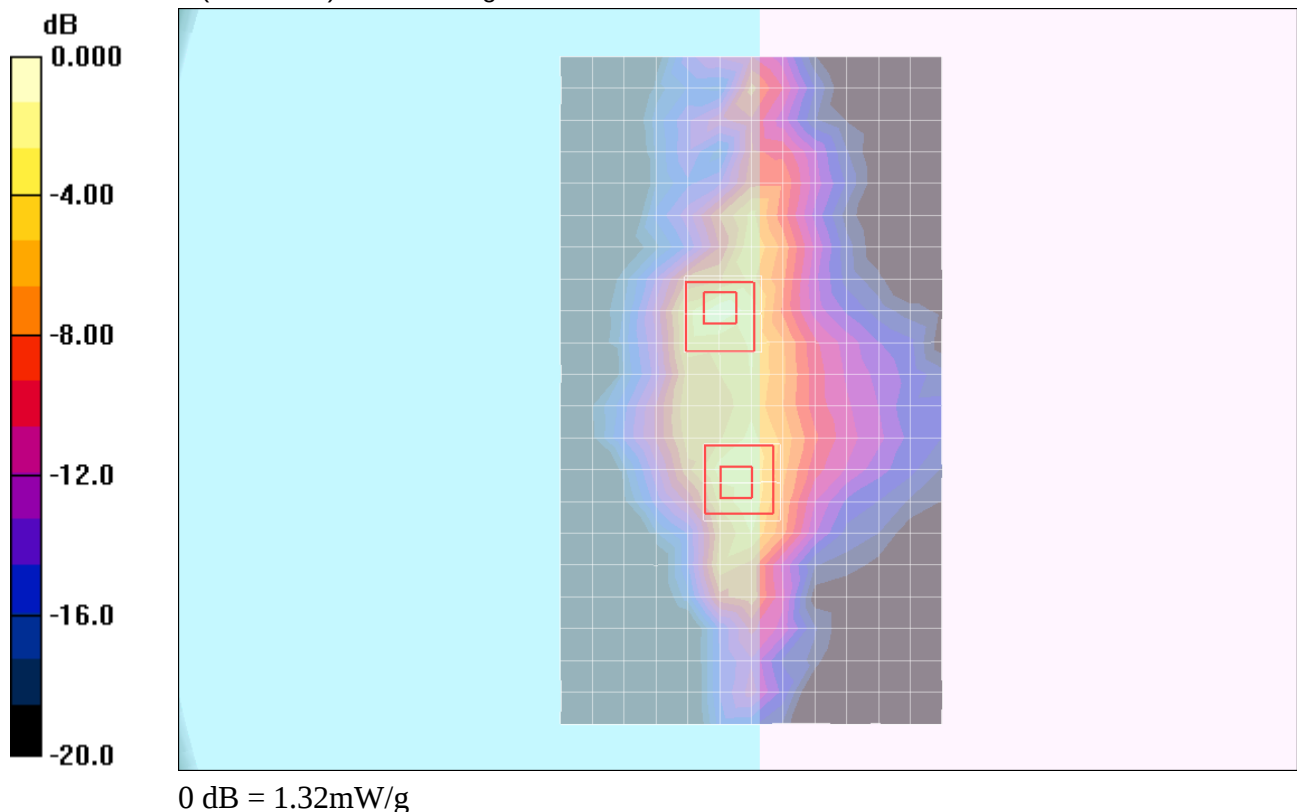
**802.11n HT20, Chain B\_Ch 52/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.5 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.264 mW/g**

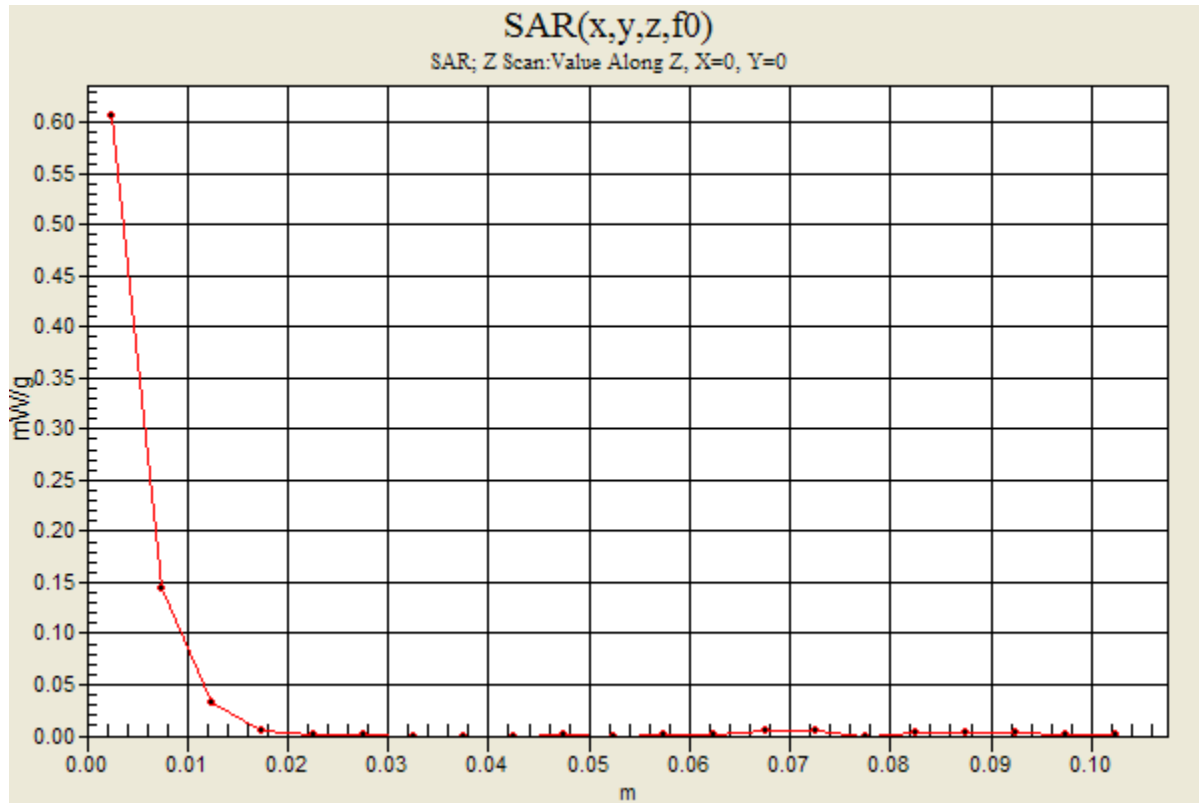
Maximum value of SAR (measured) = 1.32 mW/g



## 5.3GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1

**802.11n HT20, Chain A, B\_Ch 52/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.606 mW/g



## 5.3GHz Band

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

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.44$  mho/m;  $\epsilon_r = 49.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(4.11, 4.11, 4.11); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT20, Chain A, B\_Ch 60/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

**802.11n HT20, Chain A\_Ch 60/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.4 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.213 mW/g**

Maximum value of SAR (measured) = 0.960 mW/g

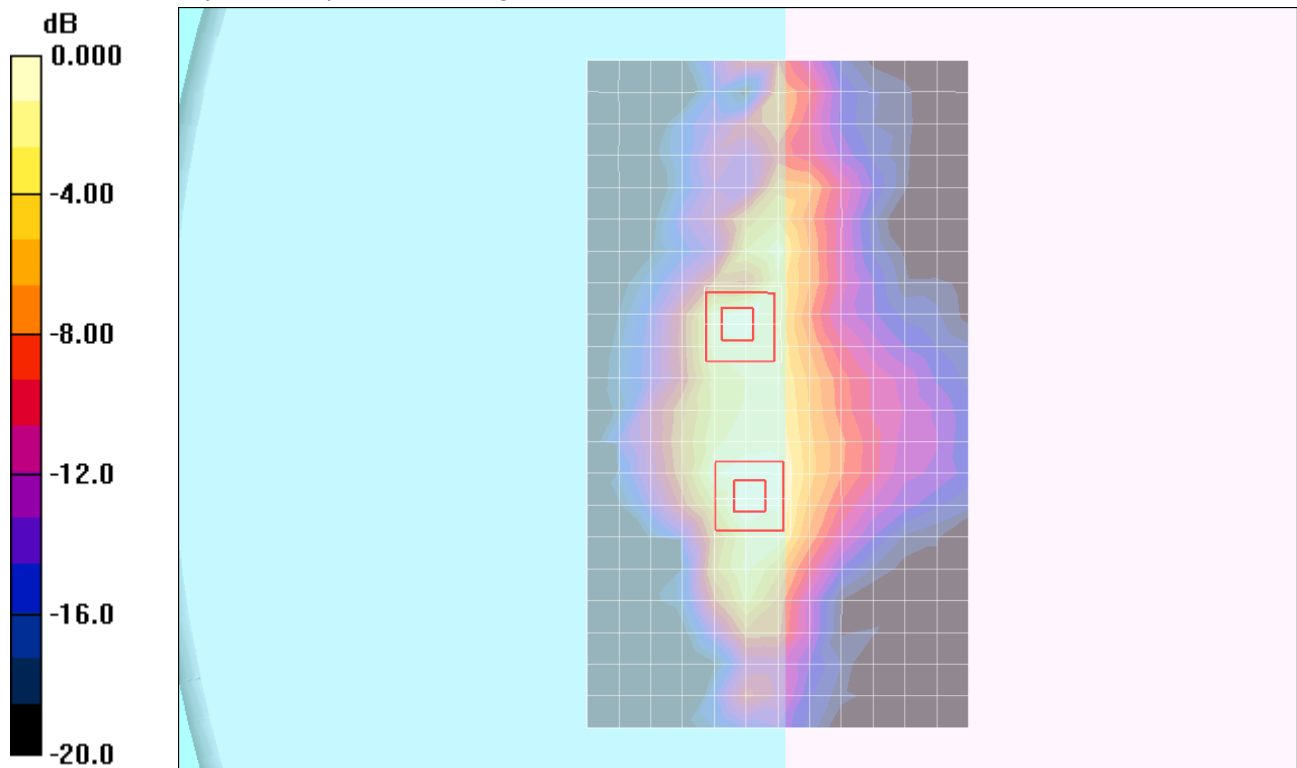
**802.11n HT20, Chain B\_Ch 60/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.4 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.179 mW/g**

Maximum value of SAR (measured) = 0.902 mW/g



0 dB = 0.902mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.83$  mho/m;  $\epsilon_r = 49.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.72, 3.72, 3.72); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A\_Ch 104/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.877 mW/g

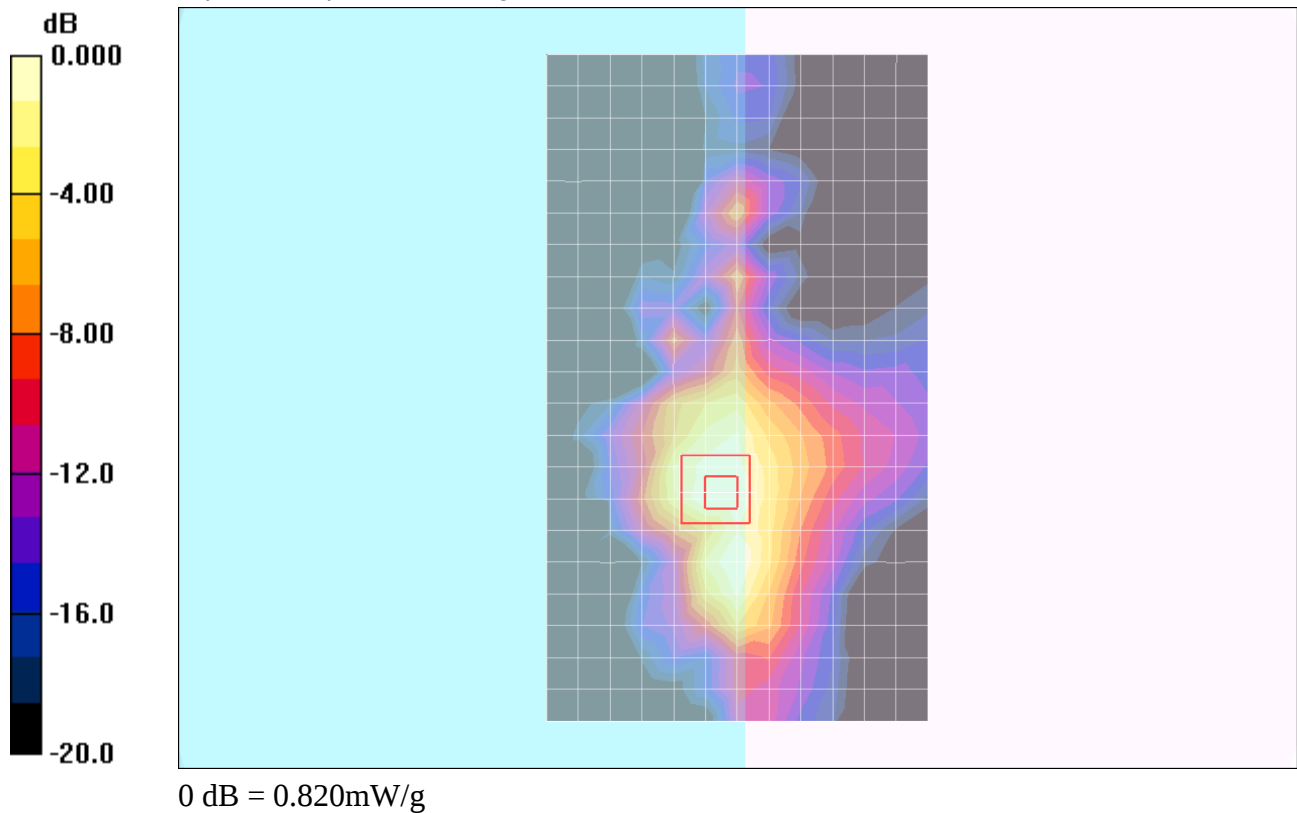
**802.11a, Chain A\_Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.2 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.820 mW/g



## 5.5GHz Band

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

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.93$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A\_Ch 116/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

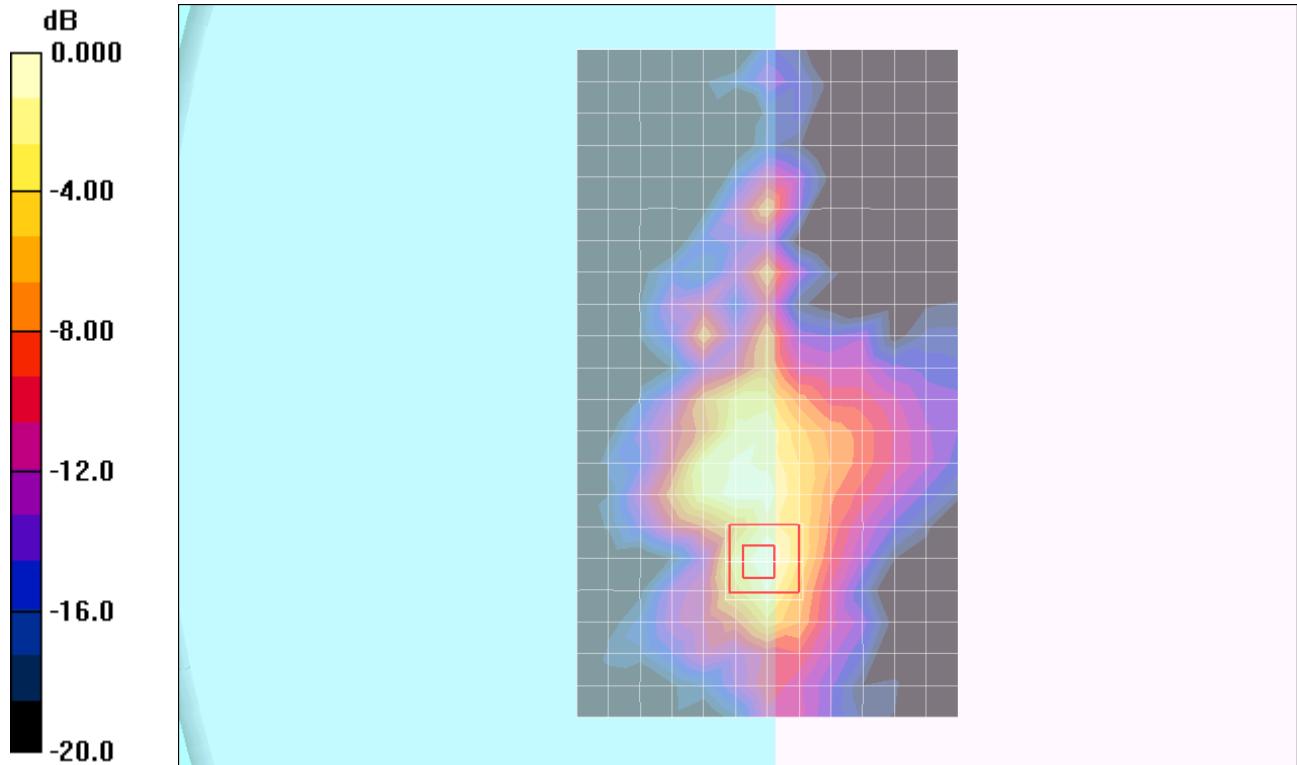
**802.11a, Chain A\_Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.8 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.135 mW/g**

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



0 dB = 0.732mW/g

## 5.5GHz Band

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5620$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 49.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A\_Ch 124/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

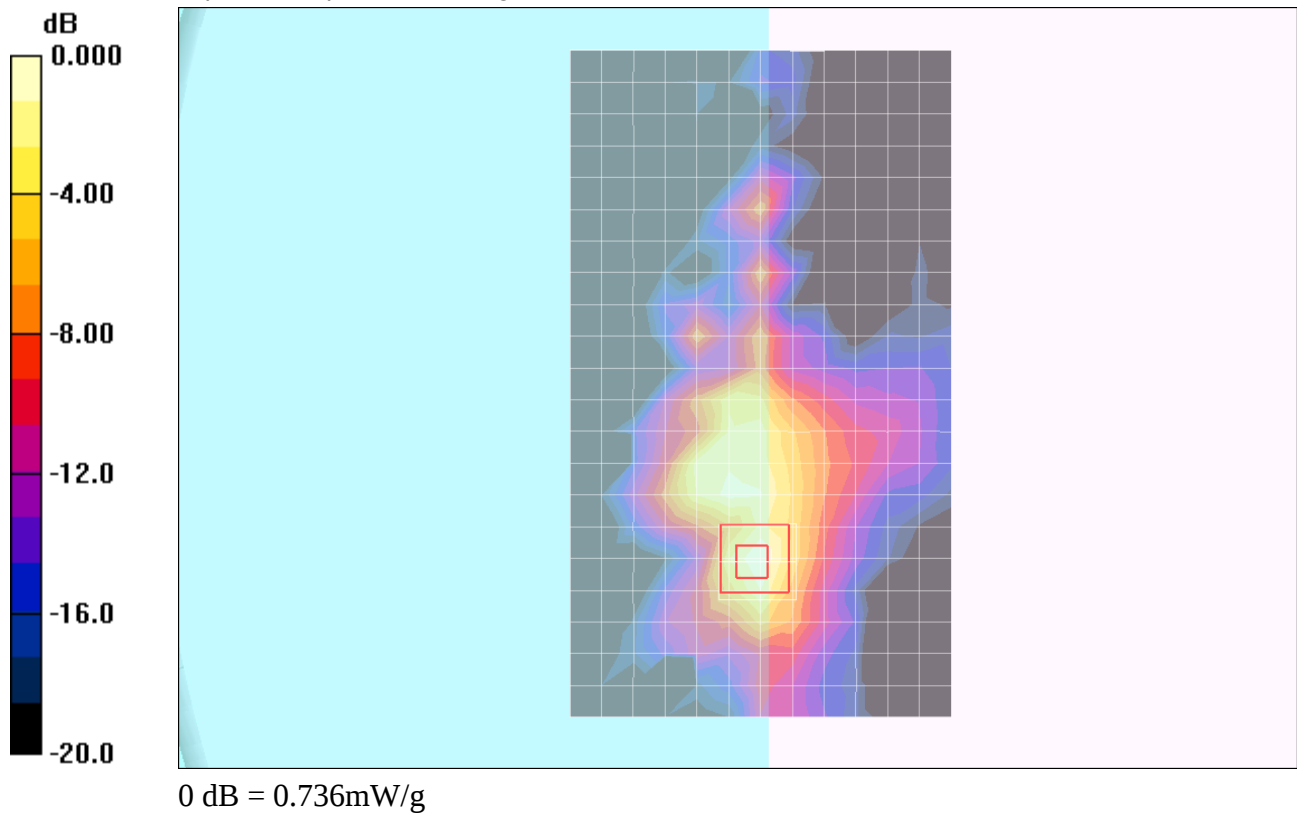
**802.11a, Chain A\_Ch 124/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.4 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 3.81 W/kg

**SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.133 mW/g**

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



## 5.5GHz Band

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

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.06$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A\_Ch 136/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

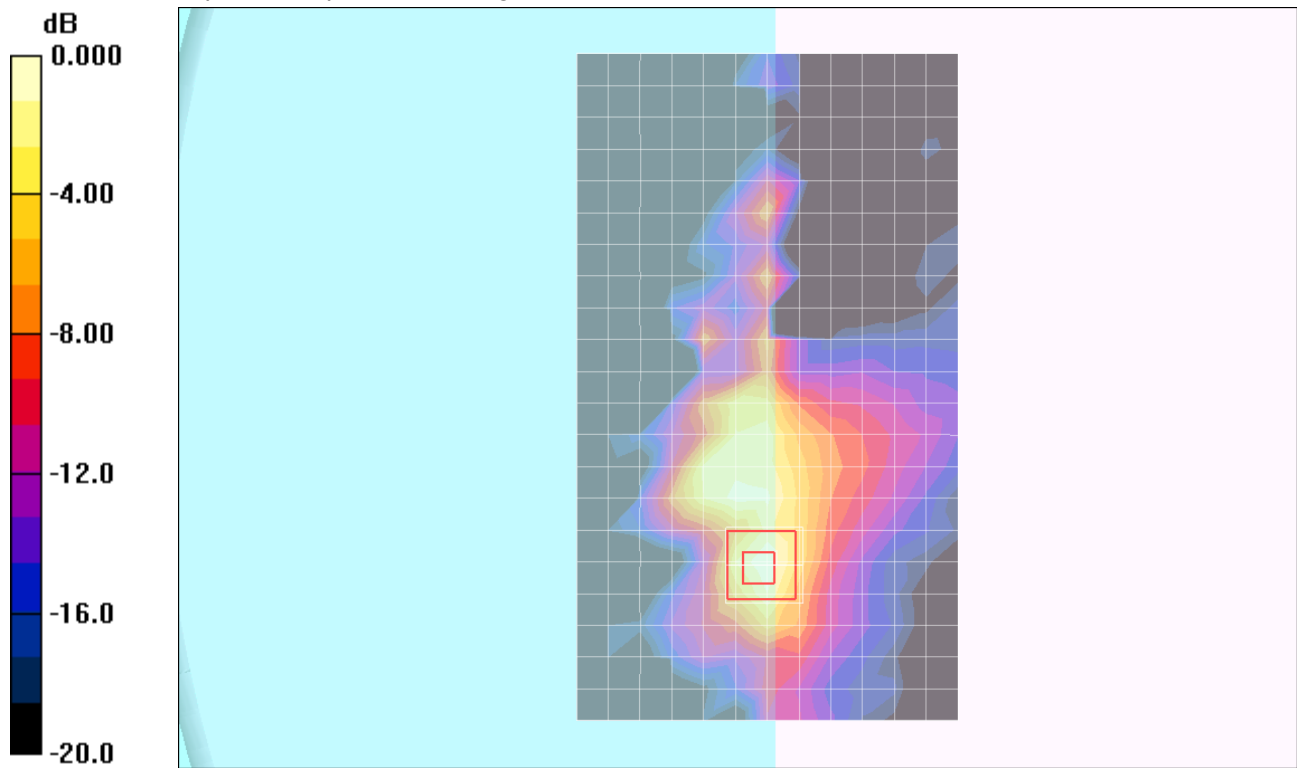
**802.11a, Chain A\_Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.5 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.131 mW/g**

Maximum value of SAR (measured) = 0.757 mW/g



0 dB = 0.757mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.83$  mho/m;  $\epsilon_r = 49.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(3.72, 3.72, 3.72); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 104/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.943 mW/g

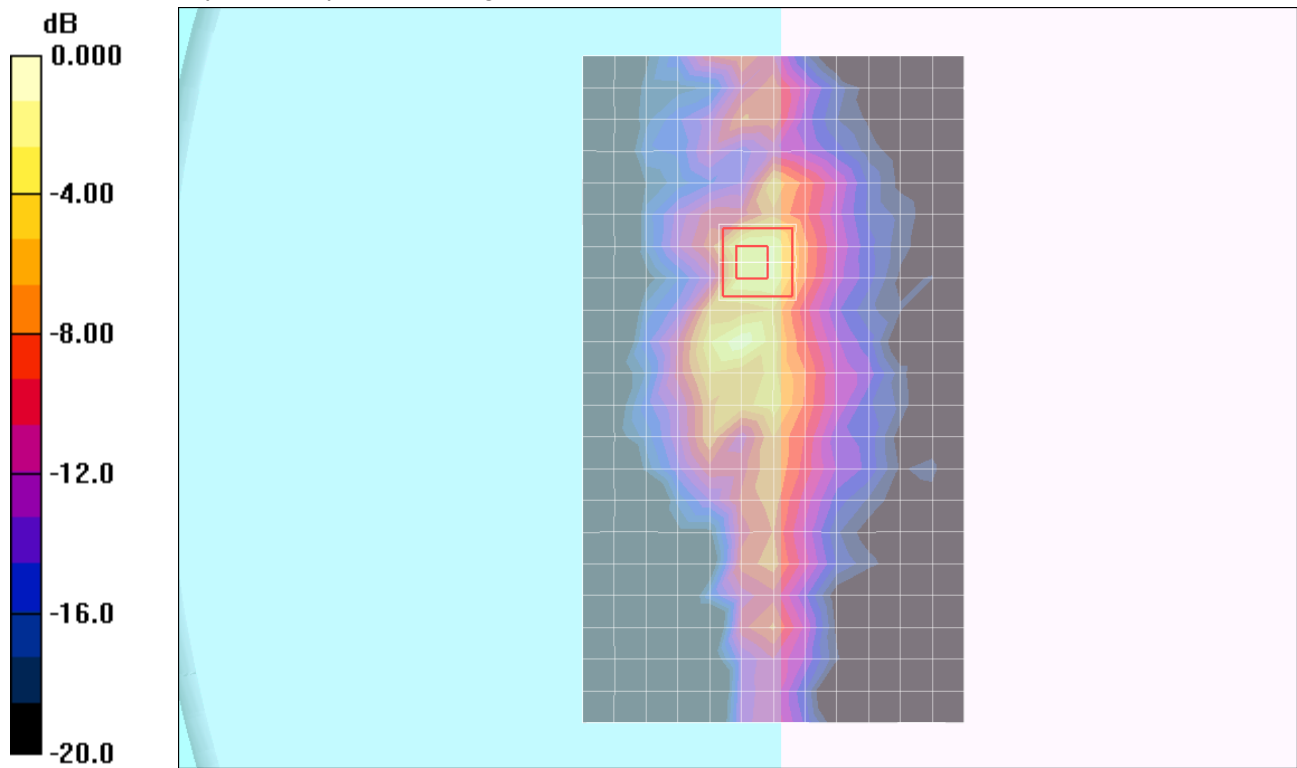
**802.11a, Chain B\_Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.1 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 2.75 W/kg

**SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.225 mW/g**

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



0 dB = 1.34mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.93$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 116/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.831 mW/g

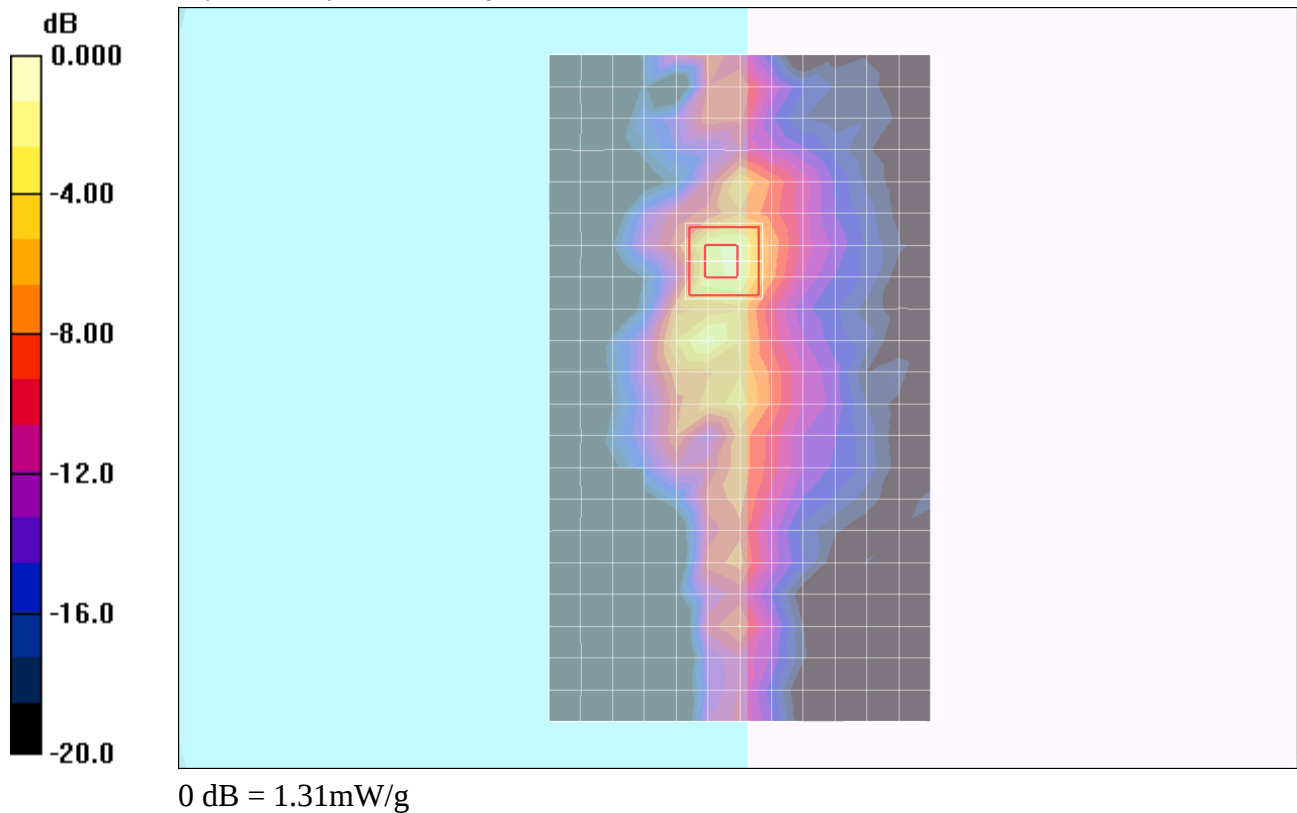
**802.11a, Chain B\_Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.0 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 2.61 W/kg

**SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.219 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



## 5.5GHz Band

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5620$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 49.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 124/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.837 mW/g

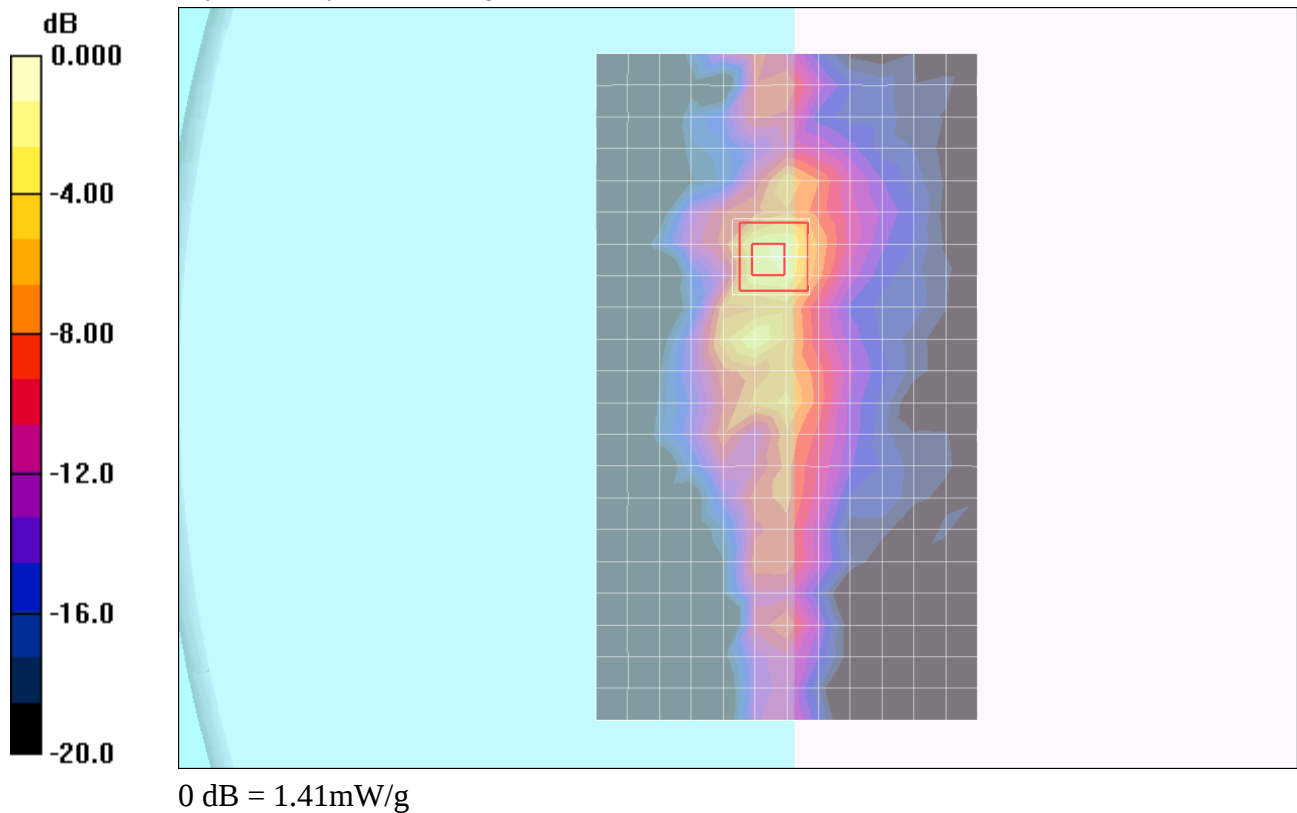
**802.11a, Chain B\_Ch 124/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.0 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 2.87 W/kg

**SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.237 mW/g**

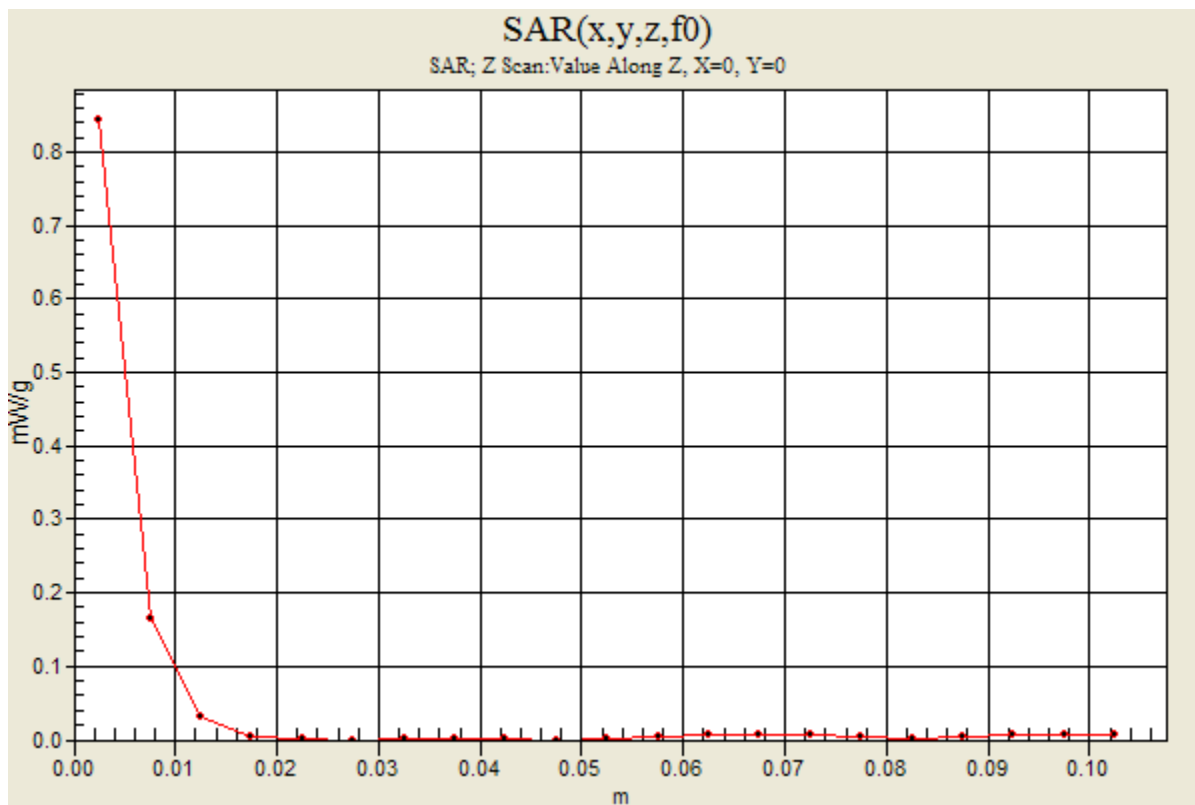
Maximum value of SAR (measured) = 1.41 mW/g



## 5.5GHz Band

Frequency: 5620 MHz; Duty Cycle: 1:1

**802.11a, Chain B\_Ch 124/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.844 mW/g



## 5.5GHz Band

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

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.06$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 136/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.874 mW/g

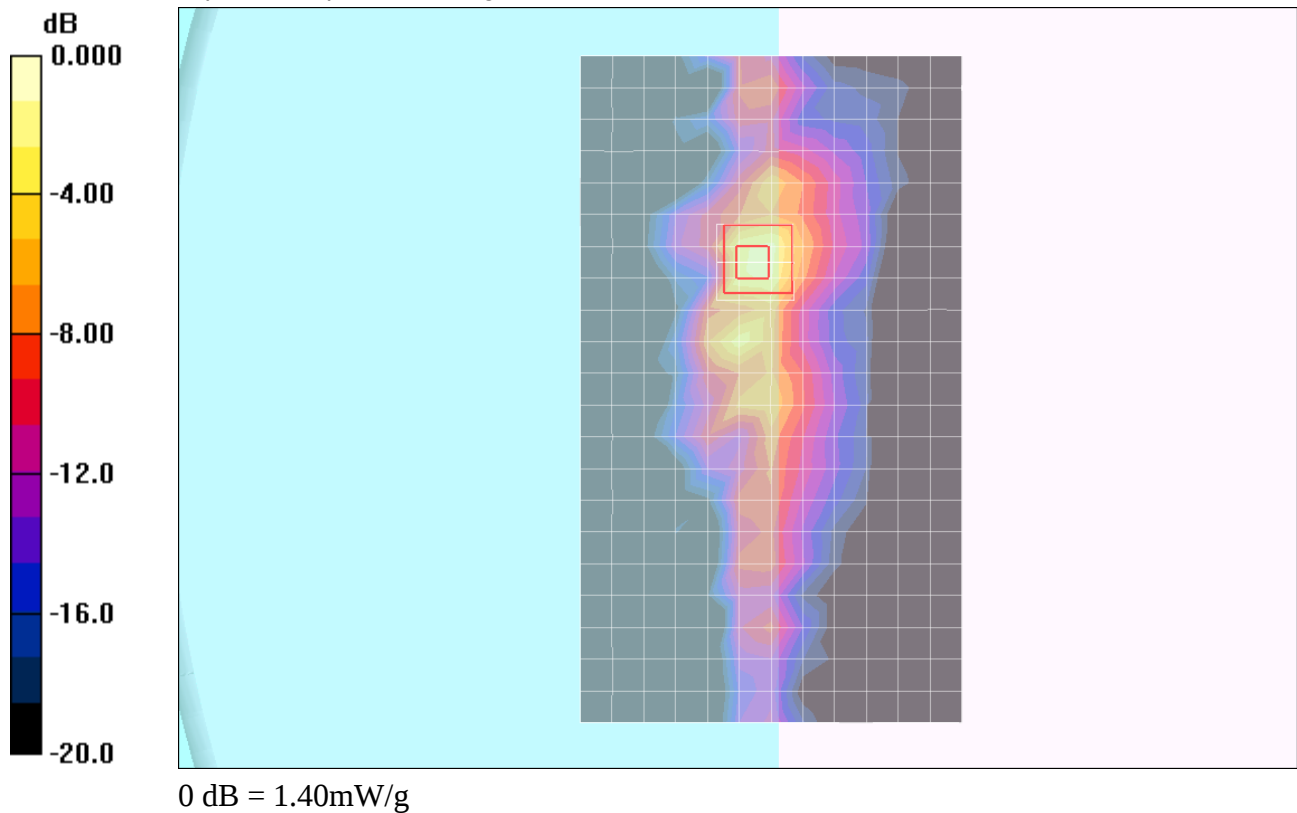
**802.11a, Chain B\_Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.2 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 2.78 W/kg

**SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.239 mW/g**

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



## 5.5GHz Band

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

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.83$  mho/m;  $\epsilon_r = 49.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.72, 3.72, 3.72); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A, B\_Ch 104/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.601 mW/g

**802.11a, Chain A\_Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.7 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.785 W/kg

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.438 mW/g

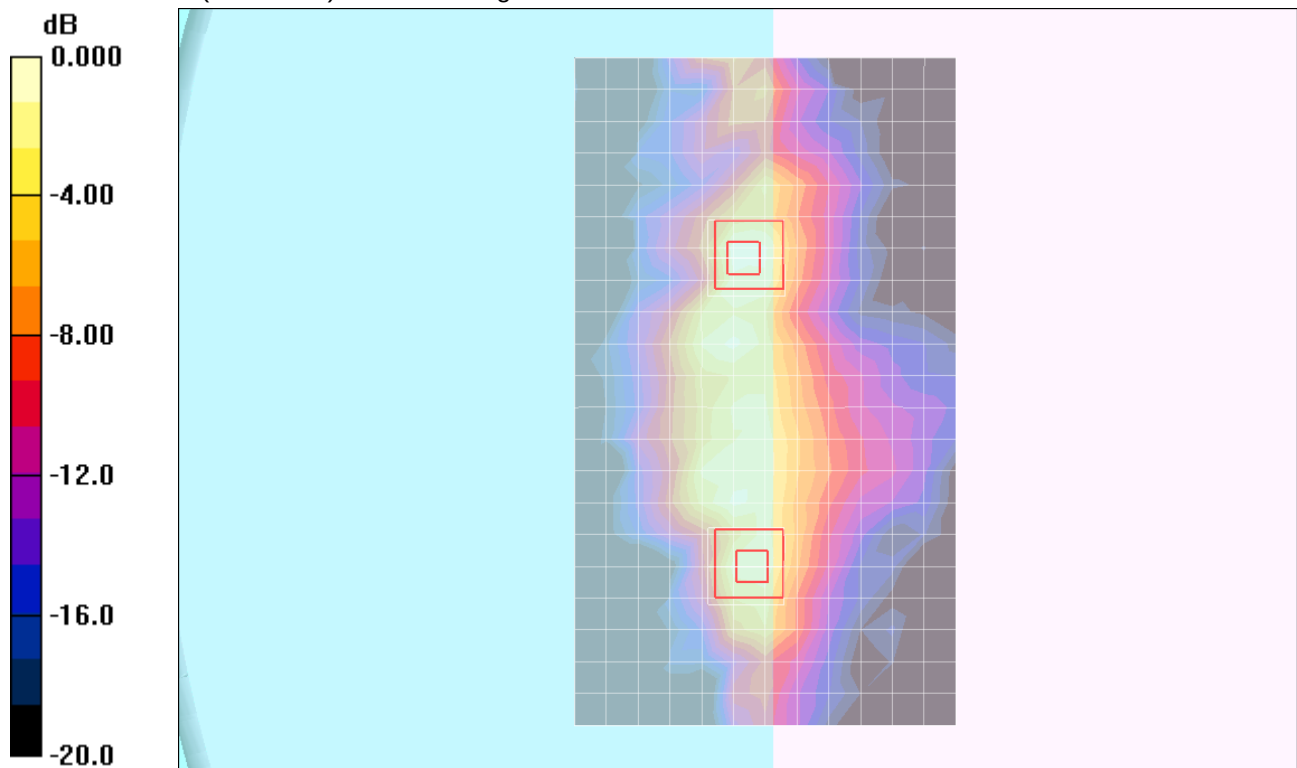
**802.11a, Chain B\_Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.7 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 2.22 W/kg

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.109 mW/g**

Maximum value of SAR (measured) = 0.662 mW/g



0 dB = 0.662mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.93$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A, B\_Ch 116/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.622 mW/g

**802.11a, Chain A\_Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.9 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.712 W/kg

**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.413 mW/g

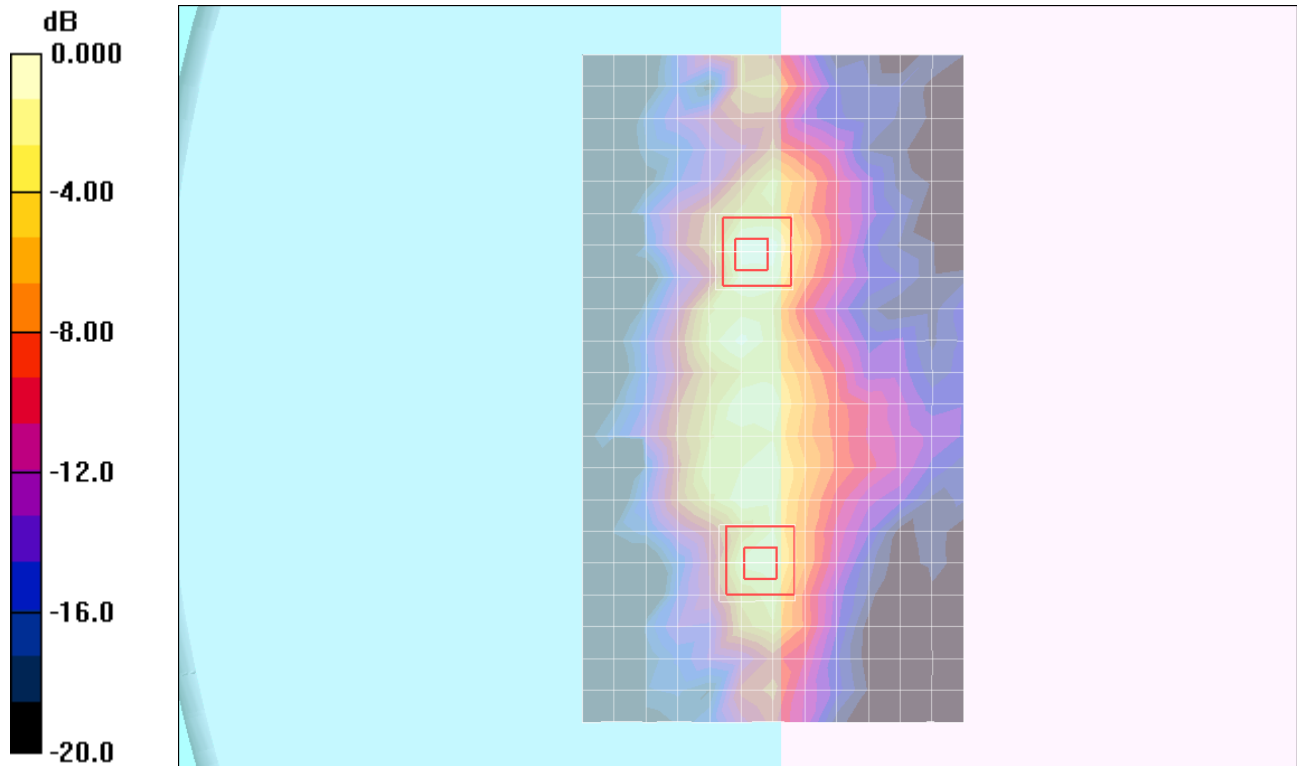
**802.11a, Chain B\_Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.9 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.689 mW/g



0 dB = 0.689mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.95$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A, B\_Ch 120/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.624 mW/g

**802.11a, Chain A \_Ch 120/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.2 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.798 W/kg

**SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.420 mW/g

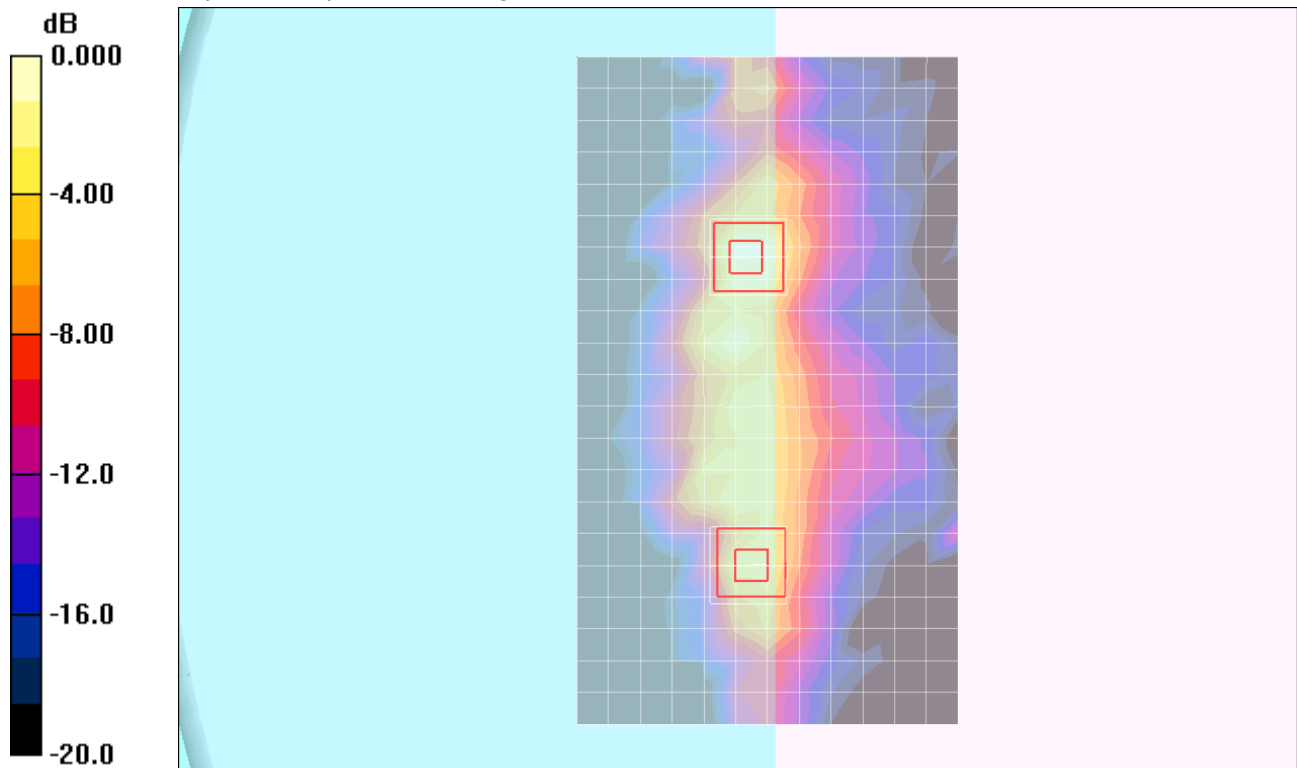
**802.11a, Chain B\_Ch 120/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.2 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.759 mW/g



0 dB = 0.759mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.06$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A, B\_Ch 136/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.397 mW/g

**802.11a, Chain A\_Ch 136/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.80 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.653 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.061 mW/g**

Maximum value of SAR (measured) = 0.353 mW/g

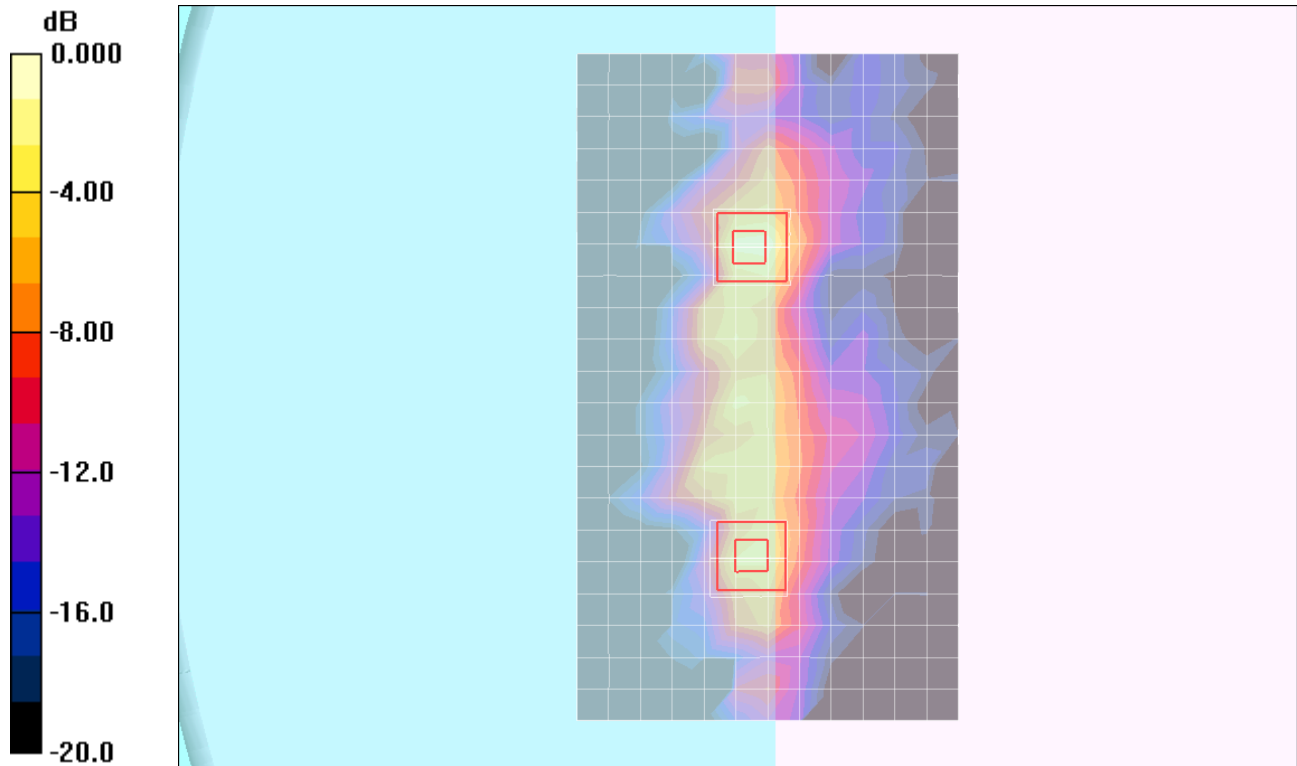
**802.11a, Chain B\_Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.80 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.101 mW/g**

Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.589mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.83$  mho/m;  $\epsilon_r = 49.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.72, 3.72, 3.72); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT20, Chain A, B\_Ch 104/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

**802.11n HT20, Chain A\_Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.6 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.144 mW/g**

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

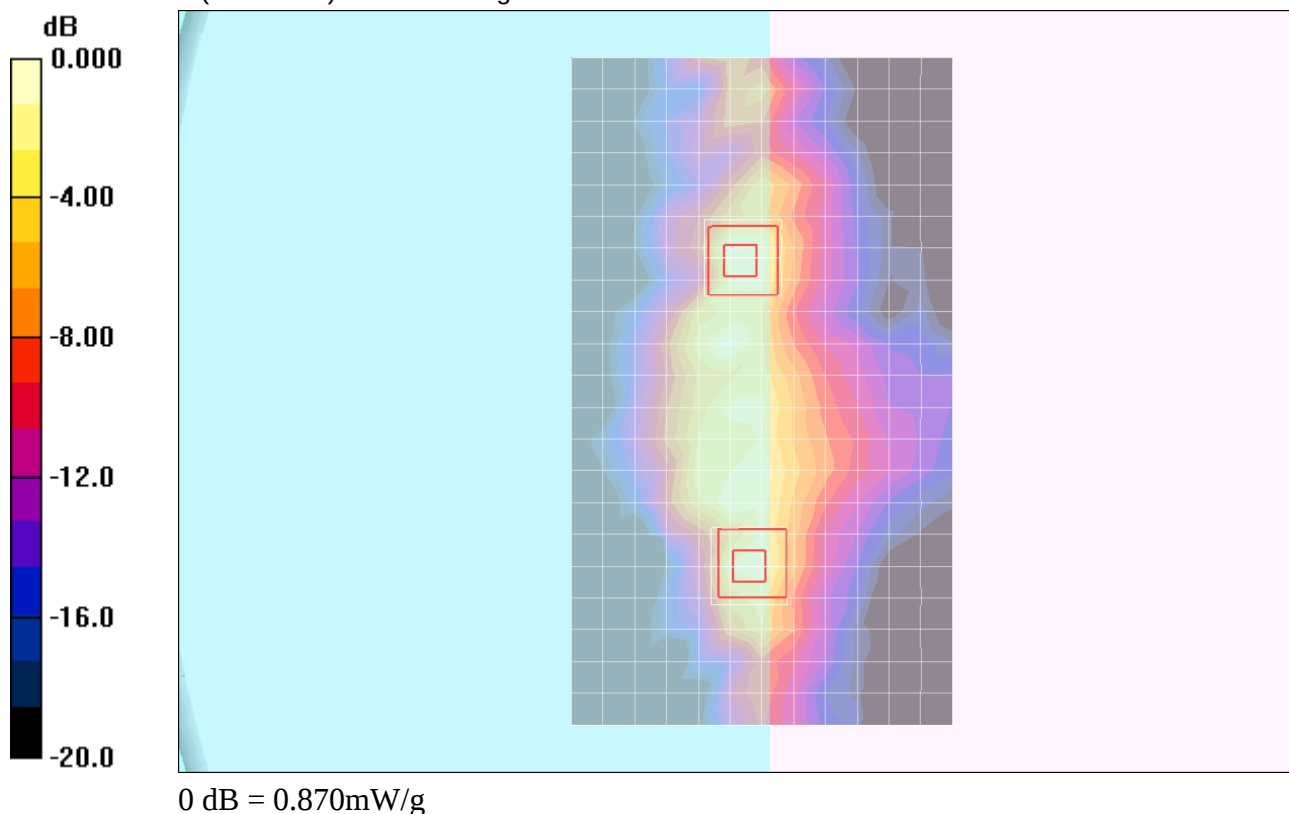
**802.11n HT20, Chain B\_Ch 104/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.6 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.870 mW/g



## 5.5GHz Band

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

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.93$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT20, Chain A, B\_Ch 116/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.634 mW/g

**802.11n HT20, Chain A\_Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.2 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.613 mW/g

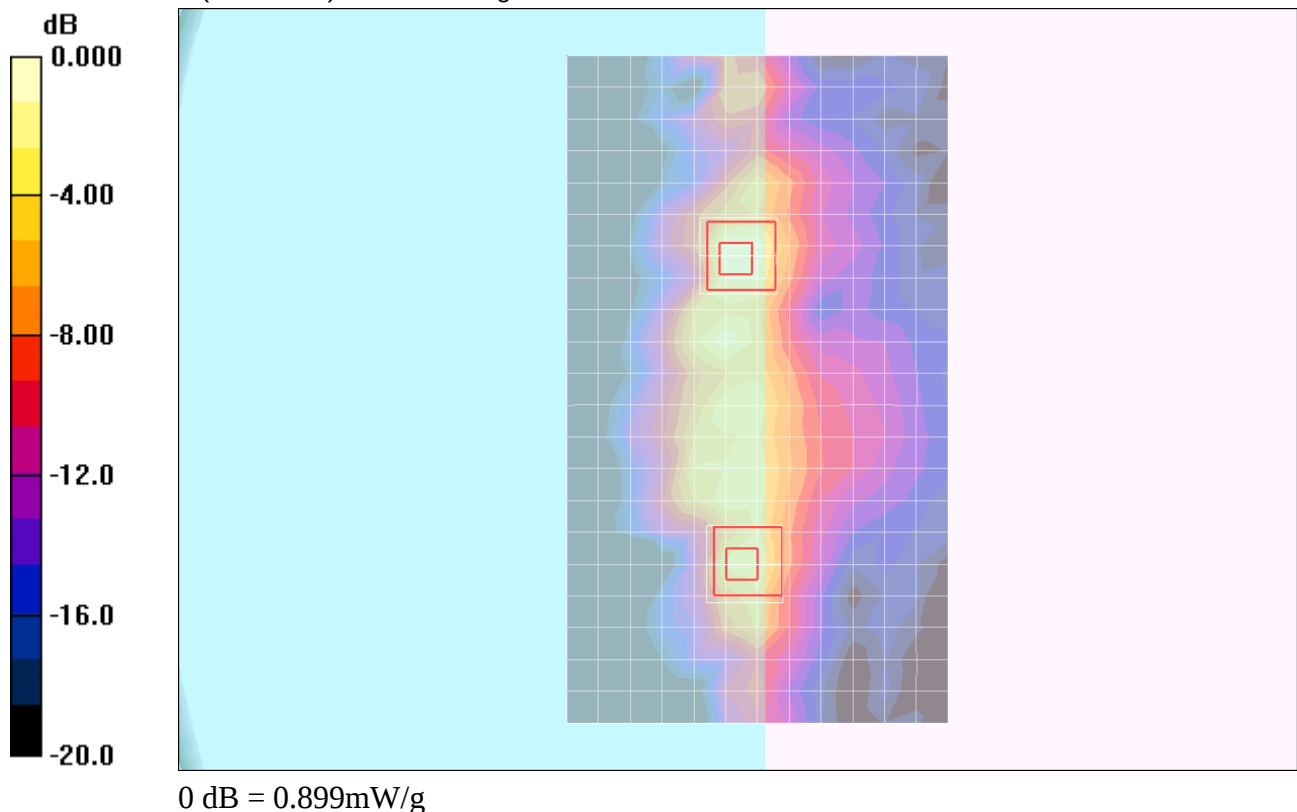
**802.11n HT20, Chain B\_Ch 116/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.2 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.157 mW/g**

Maximum value of SAR (measured) = 0.899 mW/g



## 5.5GHz Band

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5620$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 49.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT20, Chain A, B\_Ch 124/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.668 mW/g

**802.11n HT20, Chain A\_Ch 124/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.5 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.112 mW/g**

Maximum value of SAR (measured) = 0.601 mW/g

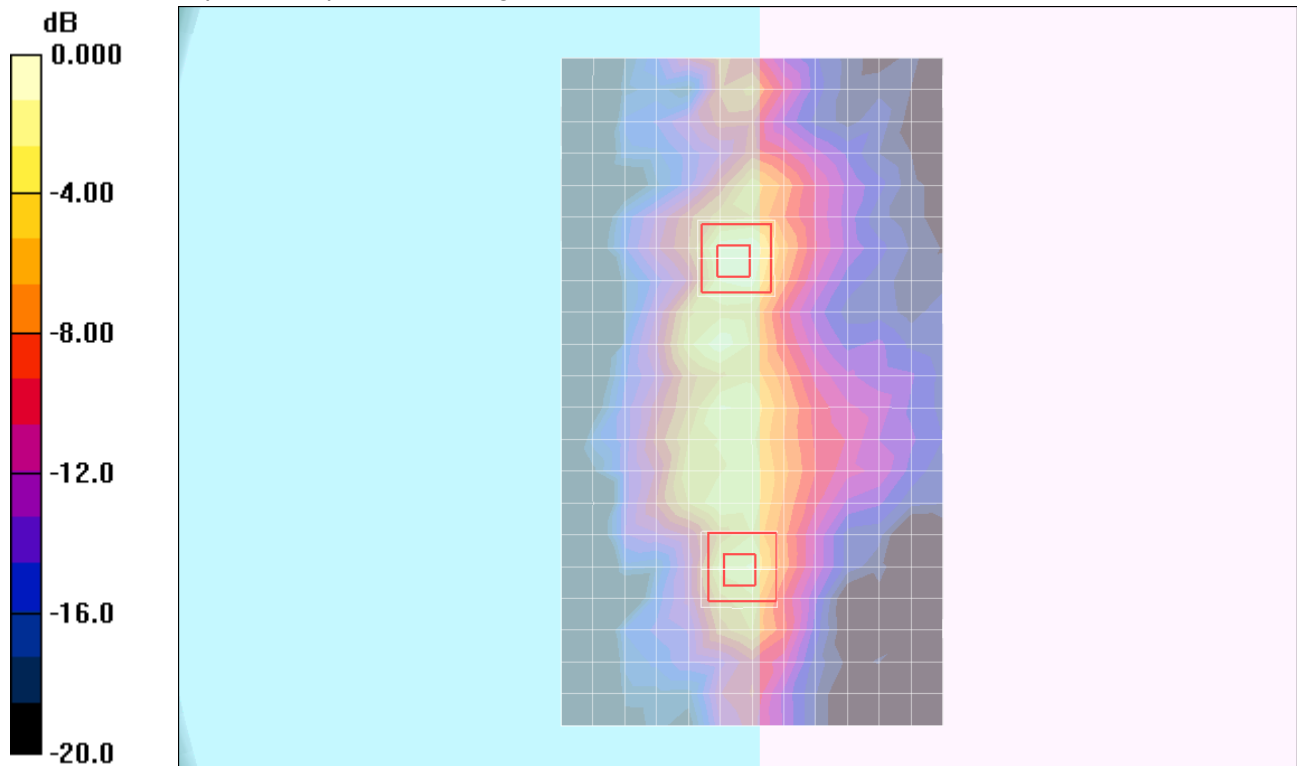
**802.11n HT20, Chain B\_Ch 124/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.5 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.159 mW/g**

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



0 dB = 0.896mW/g

## 5.5GHz Band

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

Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.06$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.57, 3.57, 3.57); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT20, Chain A, B\_Ch 136/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.785 mW/g

**802.11n HT20, Chain A\_Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.8 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.131 mW/g**

Maximum value of SAR (measured) = 0.690 mW/g

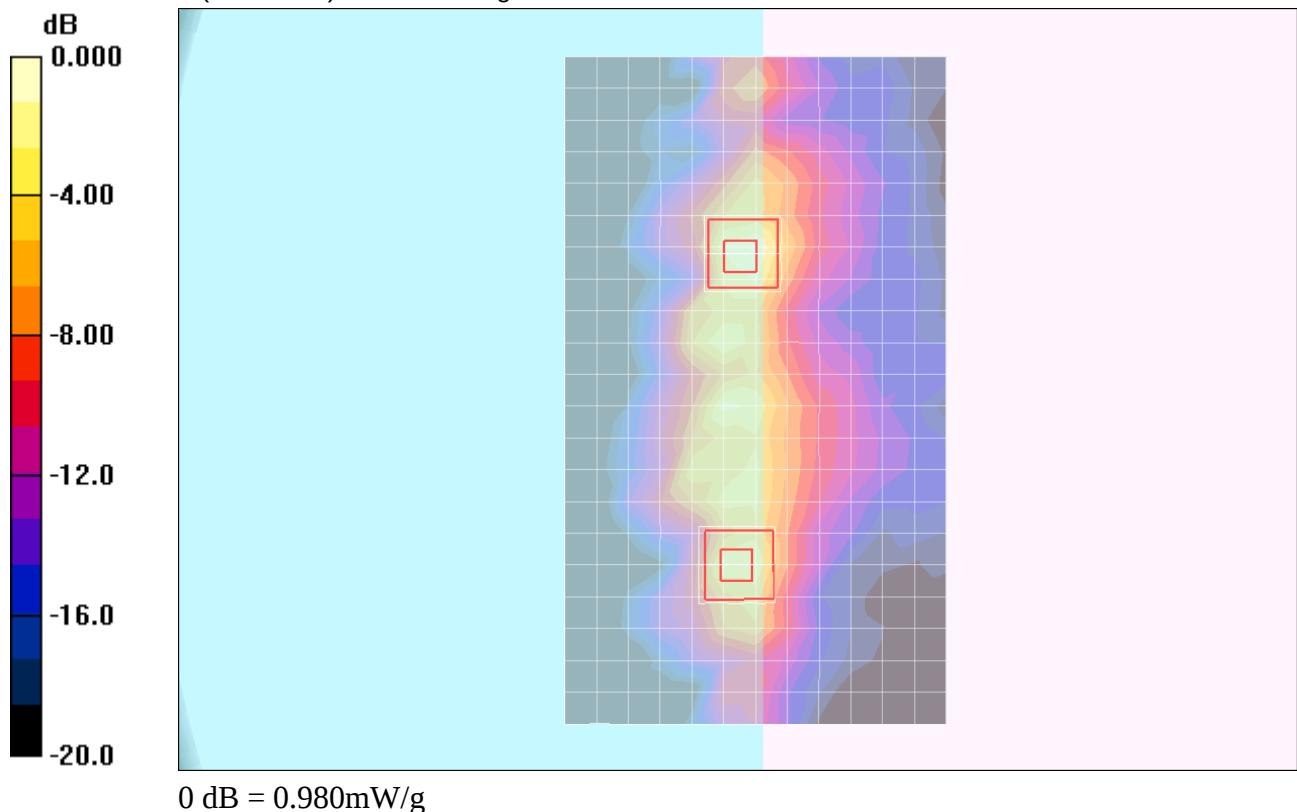
**802.11n HT20, Chain B\_Ch 136/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.8 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.173 mW/g**

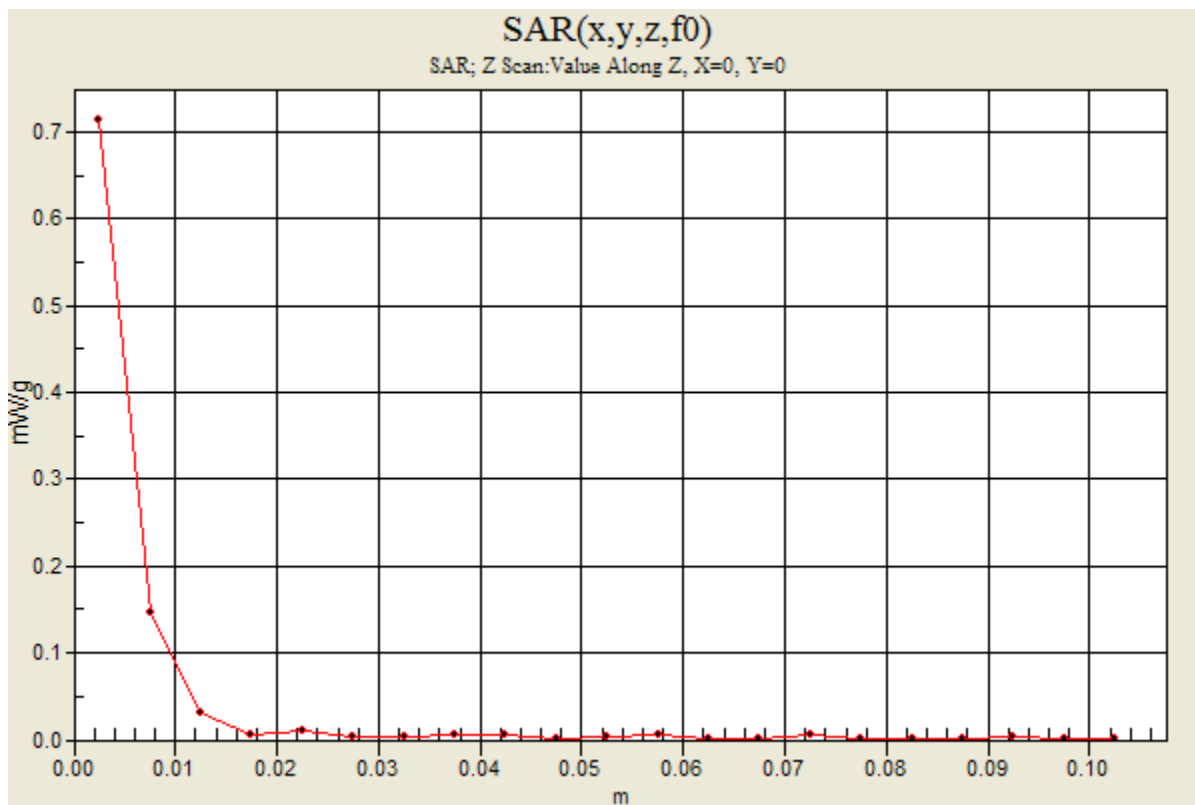
Maximum value of SAR (measured) = 0.980 mW/g



## 5.5GHz Band

Frequency: 5680 MHz; Duty Cycle: 1:1

**802.11n HT20, Chain A, B\_Ch 136/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.714 mW/g



## 5.8GHz Band

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.18$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(3.81, 3.81, 3.81); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A\_Ch 165/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

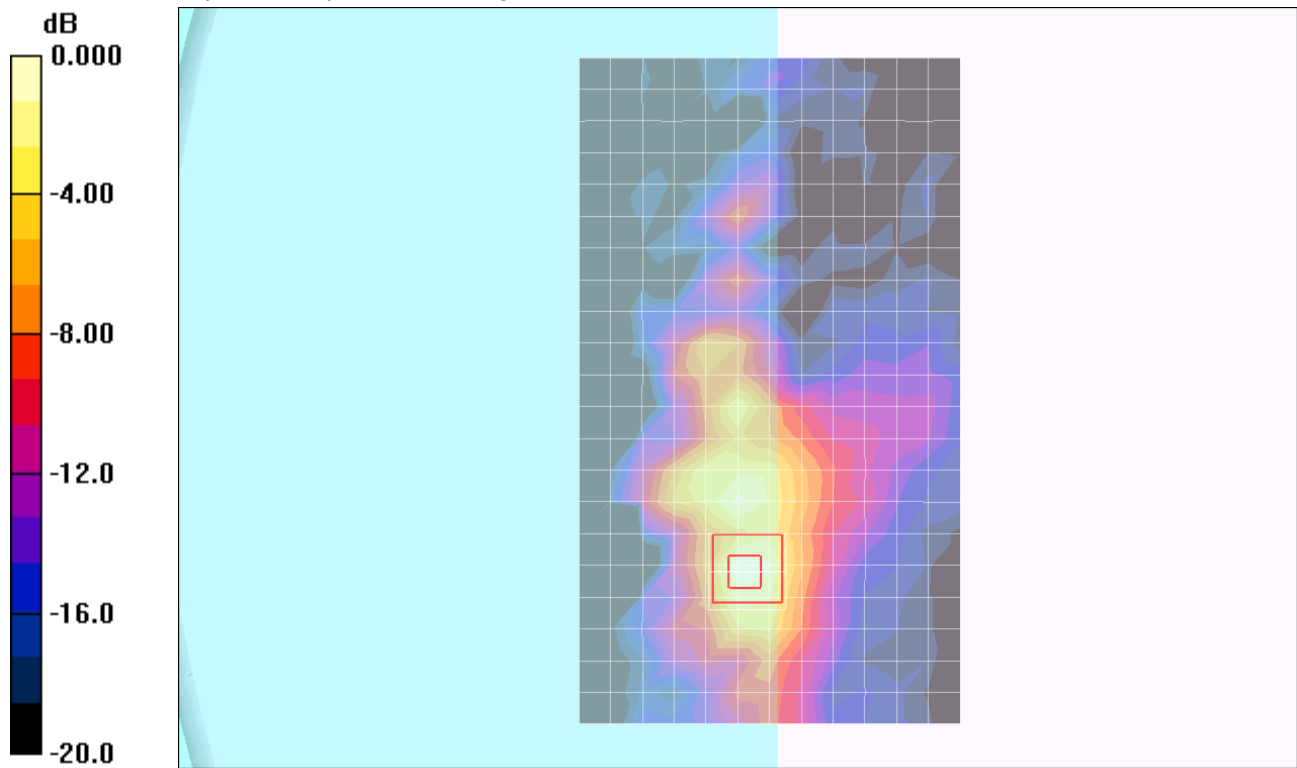
**802.11a, Chain A\_Ch 165/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.30 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.075 mW/g**

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



0 dB = 0.448mW/g

## 5.8GHz Band

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

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.1$  mho/m;  $\epsilon_r = 49.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.81, 3.81, 3.81); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain B\_Ch 157/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

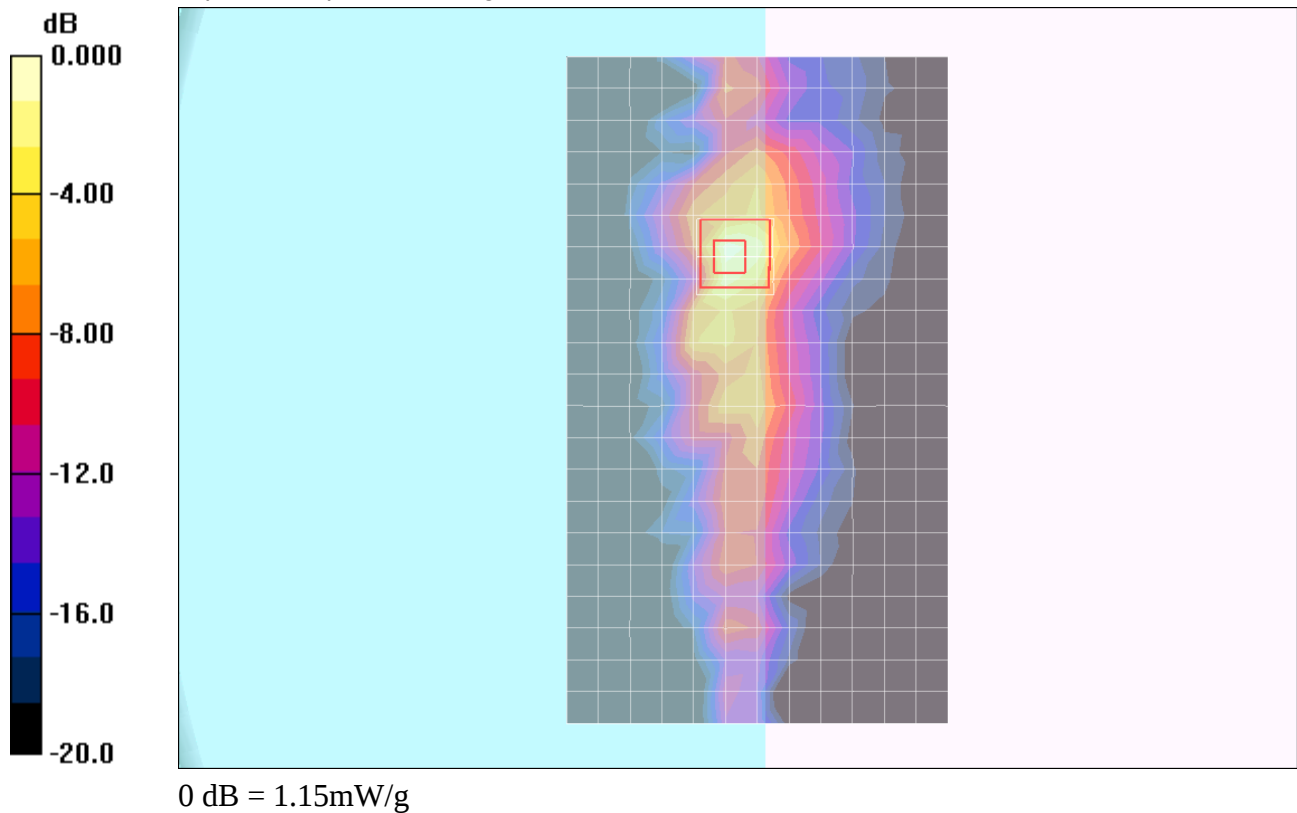
**802.11a, Chain B\_Ch 157/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.2 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.198 mW/g**

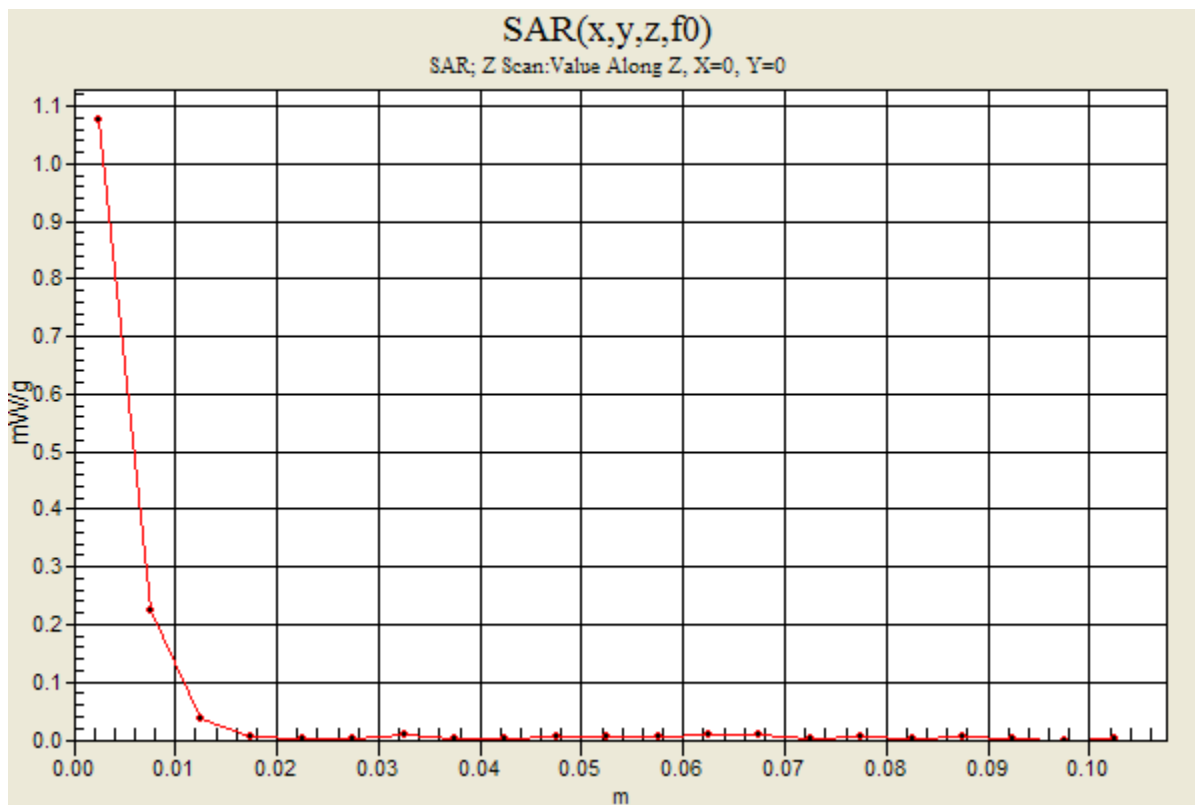
Maximum value of SAR (measured) = 1.15 mW/g



## 5.8GHz Band

Frequency: 5785 MHz; Duty Cycle: 1:1

**802.11a, Chain B\_Ch 157/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.08 mW/g



## 5.8GHz Band

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

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.18$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012

- Probe: EX3DV4 - SN3749; ConvF(3.81, 3.81, 3.81); Calibrated: 1/27/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11a, Chain A, B\_Ch 165/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

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

**802.11a, Chain A\_Ch 165/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.68 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.336 W/kg

**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.188 mW/g

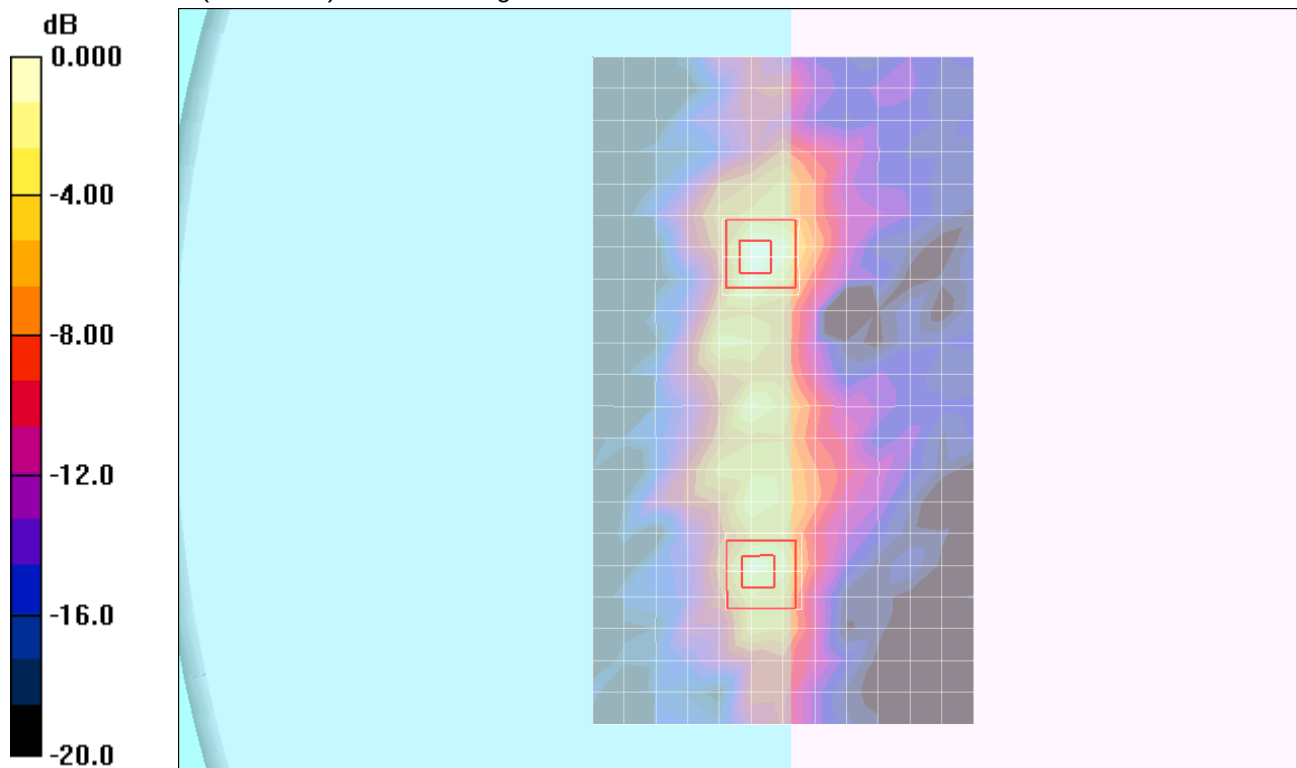
**802.11a, Chain B\_Ch 165/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.68 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.326mW/g

## 5.8GHz Band

Frequency: 5755 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5755$  MHz;  $\sigma = 6.06$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

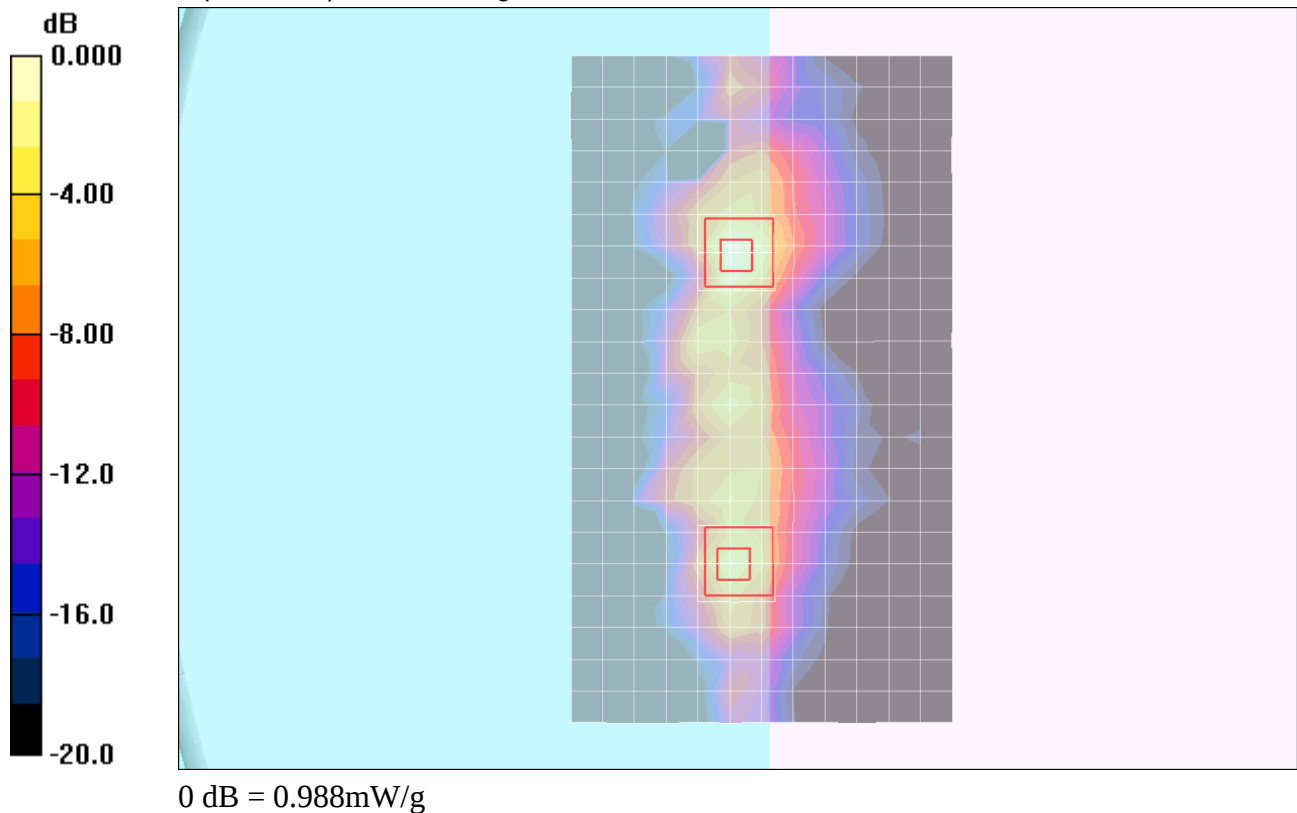
DASY4 Configuration:

- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(3.81, 3.81, 3.81); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003

**802.11n HT40, Chain A, B\_Ch 151/Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.905 mW/g

**802.11n HT40, Chain A\_Ch 151/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 13.3 V/m; Power Drift = -0.014 dB  
Peak SAR (extrapolated) = 1.01 W/kg  
**SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.102 mW/g**  
Maximum value of SAR (measured) = 0.550 mW/g

**802.11n HT40, Chain B\_Ch 151/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 13.3 V/m; Power Drift = -0.014 dB  
Peak SAR (extrapolated) = 1.98 W/kg  
**SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.175 mW/g**  
Maximum value of SAR (measured) = 0.988 mW/g



## 5.8GHz Band

Frequency: 5755 MHz; Duty Cycle: 1:1

**802.11n HT40, Chain A, B\_Ch 151/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.932 mW/g

