

## 2.4GHz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.915$  mho/m;  $\epsilon_r = 50.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1263; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3778; ConvF(6.53, 6.53, 6.53); Calibrated: 1/14/2013
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1134

**Rear/802.11b\_ Chain 0,1\_ch 11/Area Scan (9x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.779 mW/g

**Rear/802.11b\_ Chain 0\_ch 11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.488 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.8460

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.470 mW/g**

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

Maximum value of SAR (measured) = 1.776 mW/g

**Rear/802.11b\_ Chain 1\_ch 11/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

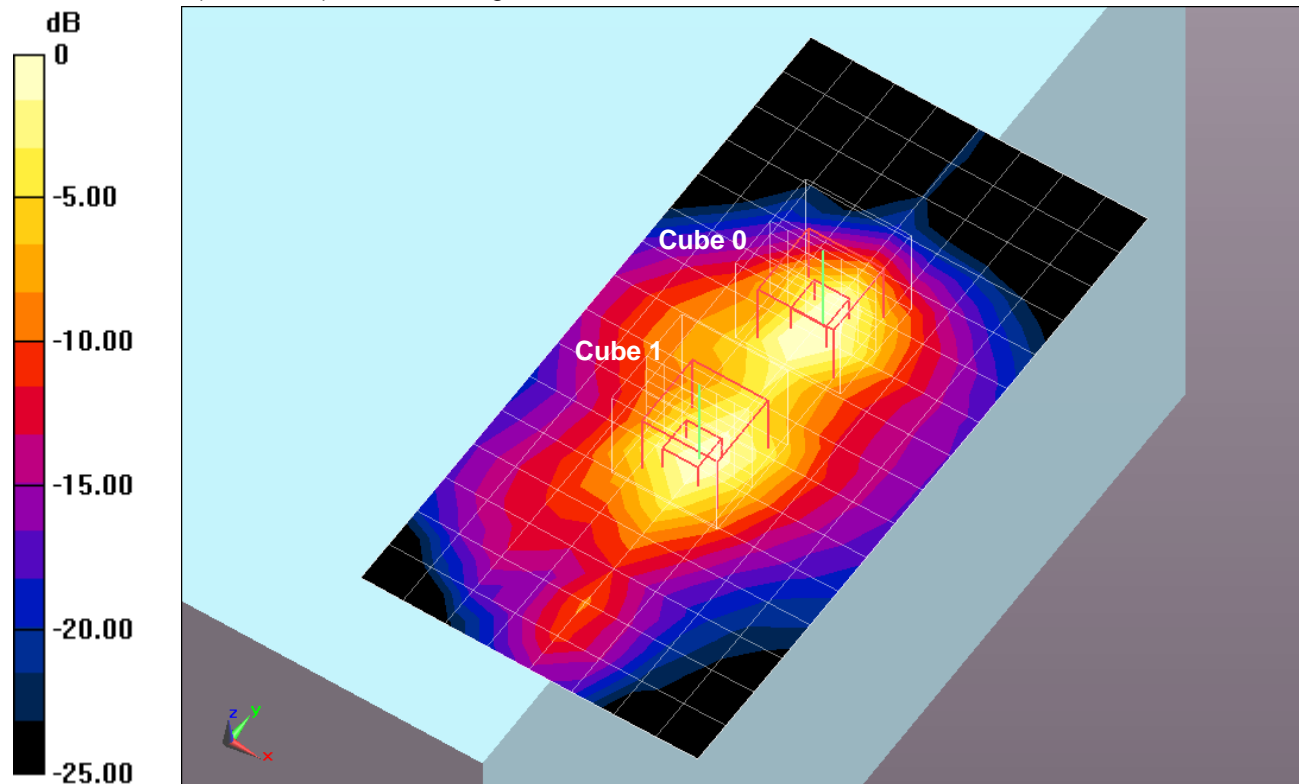
Reference Value = 30.488 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.0430

**SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.354 mW/g**

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

Maximum value of SAR (measured) = 1.180 mW/g



0 dB = 1.180mW/g = 1.44 dB mW/g

## 5.2GHz Band

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.243$  mho/m;  $\epsilon_r = 50.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1264; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3720; ConvF(4.12, 4.12, 4.12); Calibrated: 1/14/2013
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

**Rear/802.11a\_Chain 1\_Ch 48/Area Scan (10x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.890 mW/g

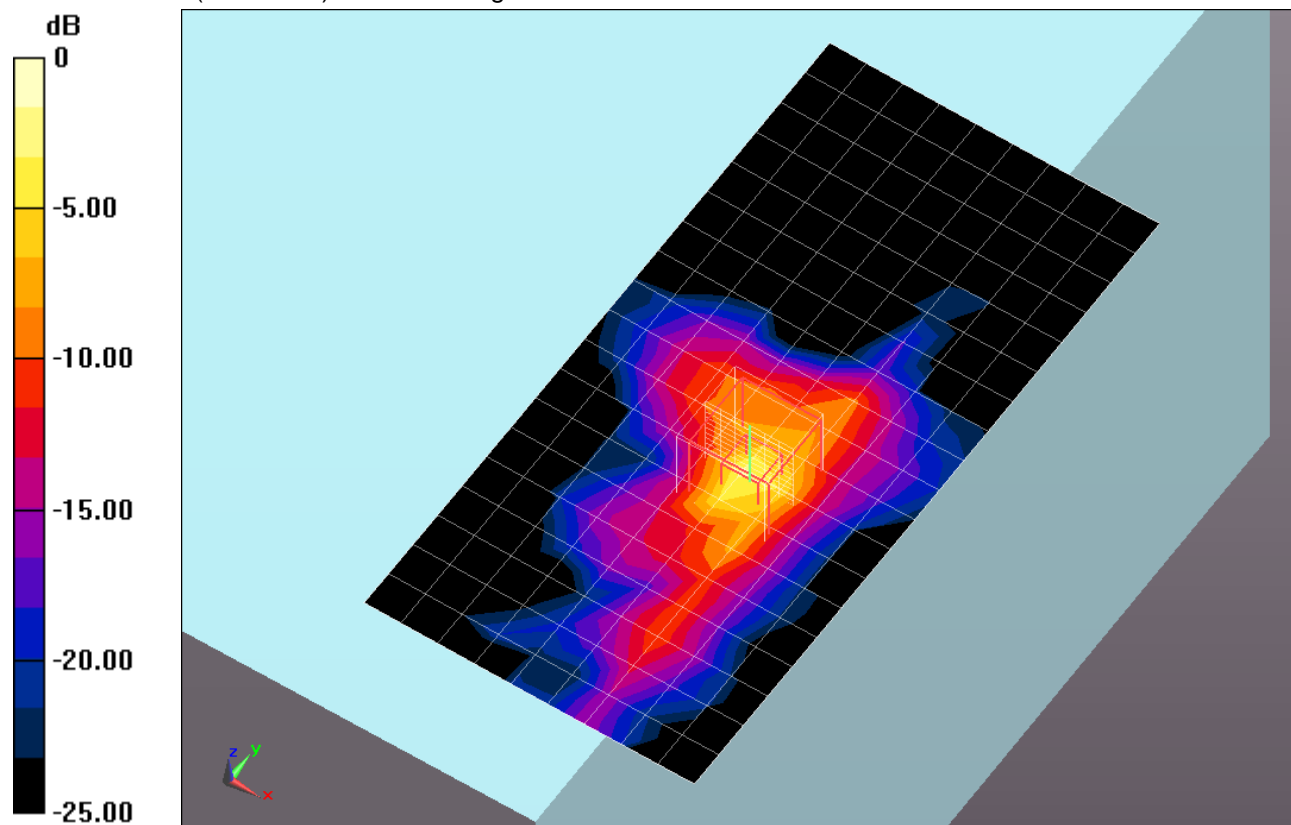
**Rear/802.11a\_Chain 1\_Ch 48/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.622 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.7390

**SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 1.684 mW/g



0 dB = 1.680mW/g = 4.51 dB mW/g

## 5.3GHz Band

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.364$  mho/m;  $\epsilon_r = 46.872$ ;  $\rho = 1000$  kg/m<sup>3</sup>

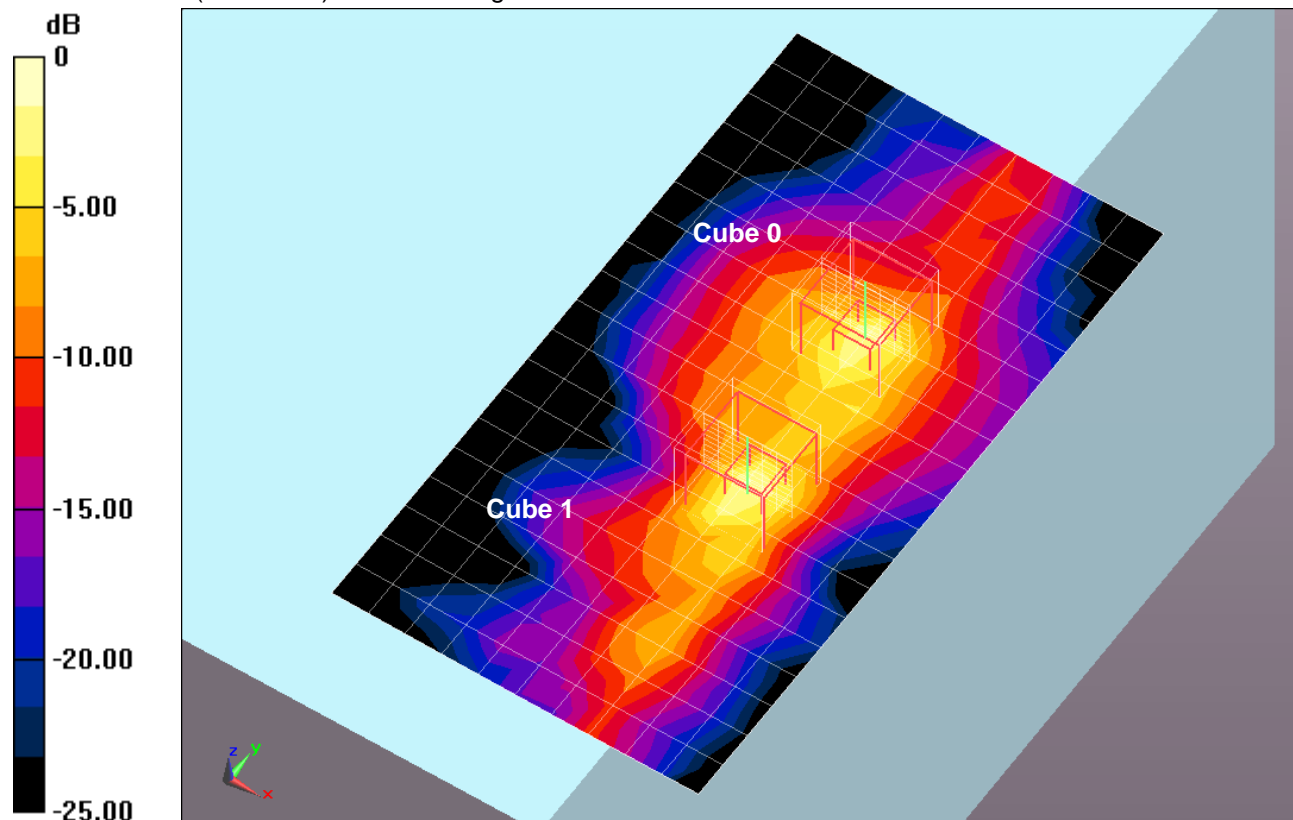
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1264; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3720; ConvF(3.98, 3.98, 3.98); Calibrated: 1/14/2013
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

**Rear/802.11a\_Chain 0,1\_Ch 64/Area Scan (11x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.700 mW/g

**Rear/802.11a\_Chain 0\_Ch 64/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 21.052 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 4.4000  
**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.308 mW/g**  
Maximum value of SAR (measured) = 2.074 mW/g

**Rear/802.11a\_Chain 1\_Ch 64/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 21.052 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 5.1070  
**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.327 mW/g**  
Maximum value of SAR (measured) = 2.349 mW/g



0 dB = 2.350mW/g = 7.42 dB mW/g

## 5.5GHz Band

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.072$  mho/m;  $\epsilon_r = 47.207$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1264; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3720; ConvF(3.71, 3.71, 3.71); Calibrated: 1/14/2013
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

**Rear/802.11a\_Chain 1\_Ch 136/Area Scan (10x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.661 mW/g

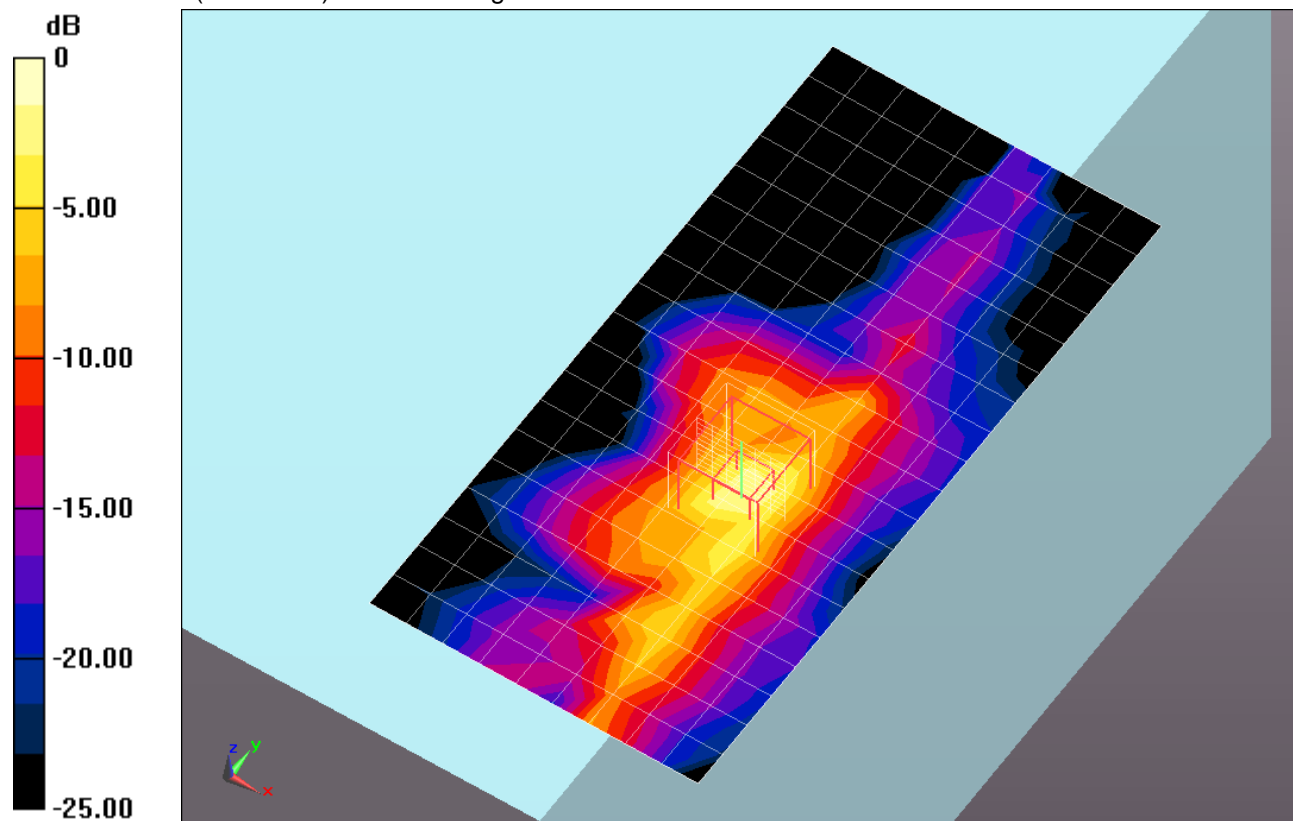
**Rear/802.11a\_Chain 1\_Ch 136/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 19.888 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.8020

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.364 mW/g**

Maximum value of SAR (measured) = 2.500 mW/g



0 dB = 2.500mW/g = 7.96 dB mW/g

## 5.8GHz Band

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.857$  mho/m;  $\epsilon_r = 46.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

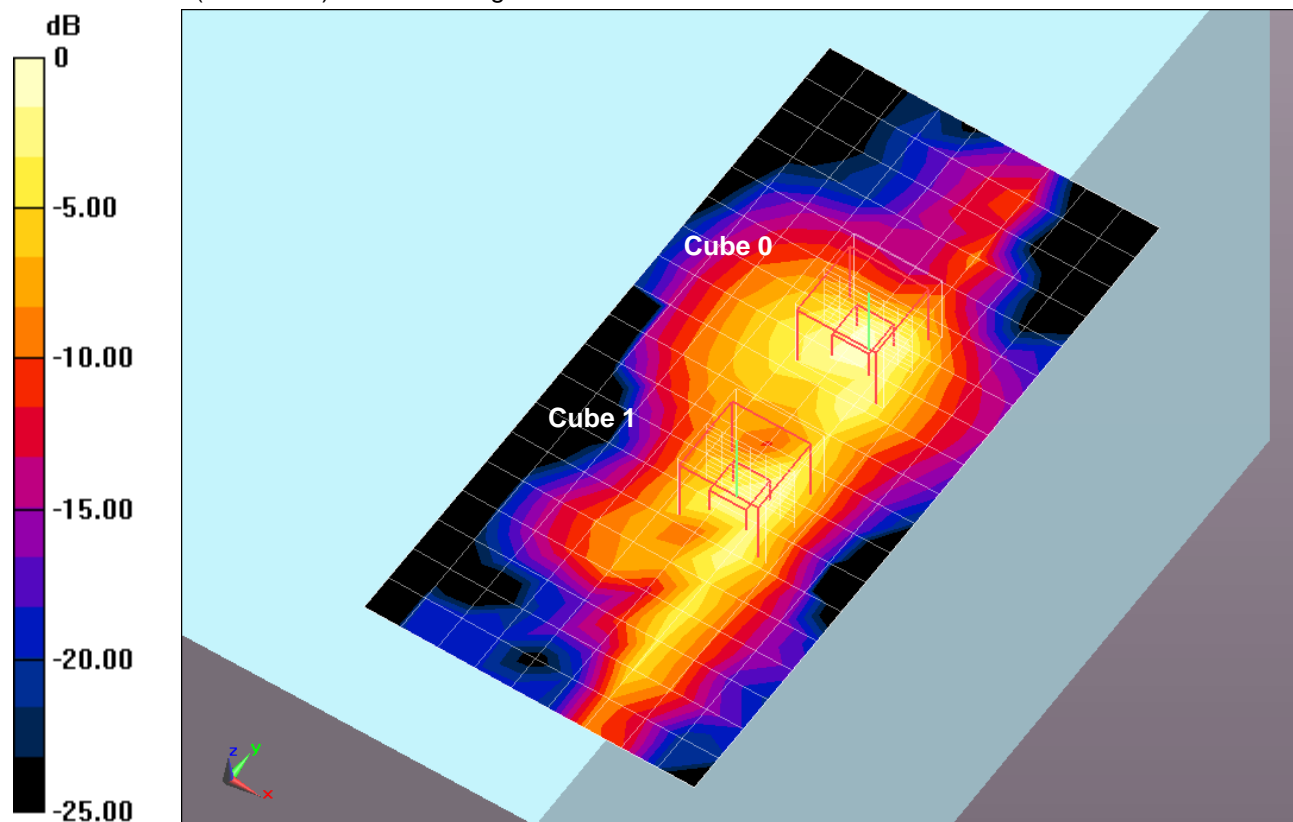
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1264; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3720; ConvF(3.73, 3.73, 3.73); Calibrated: 1/14/2013
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

**Rear/802.11a\_Chain 0,1\_Ch 165/Area Scan (10x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.342 mW/g

**Rear/802.11a\_Chain 0\_Ch 165/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 18.947 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 4.4870  
**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.340 mW/g**  
Maximum value of SAR (measured) = 2.116 mW/g

**Rear/802.11a\_Chain 1\_Ch 165/Zoom Scan 7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 18.947 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 3.9470  
**SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.271 mW/g**  
Maximum value of SAR (measured) = 1.677 mW/g



0 dB = 1.680mW/g = 4.51 dB mW/g

