

## 2.4GHz Band

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.821 \text{ mho/m}$ ;  $\epsilon_r = 51.443$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1261; Calibrated: 1/16/2013
- Probe: EX3DV4 - SN3757; ConvF(6.91, 6.91, 6.91); 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: 1136

**Rear/802.11b\_Chain 0\_Ch 1/Area Scan (8x21x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.111 mW/g

**Rear/802.11b\_Chain 0\_Ch 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

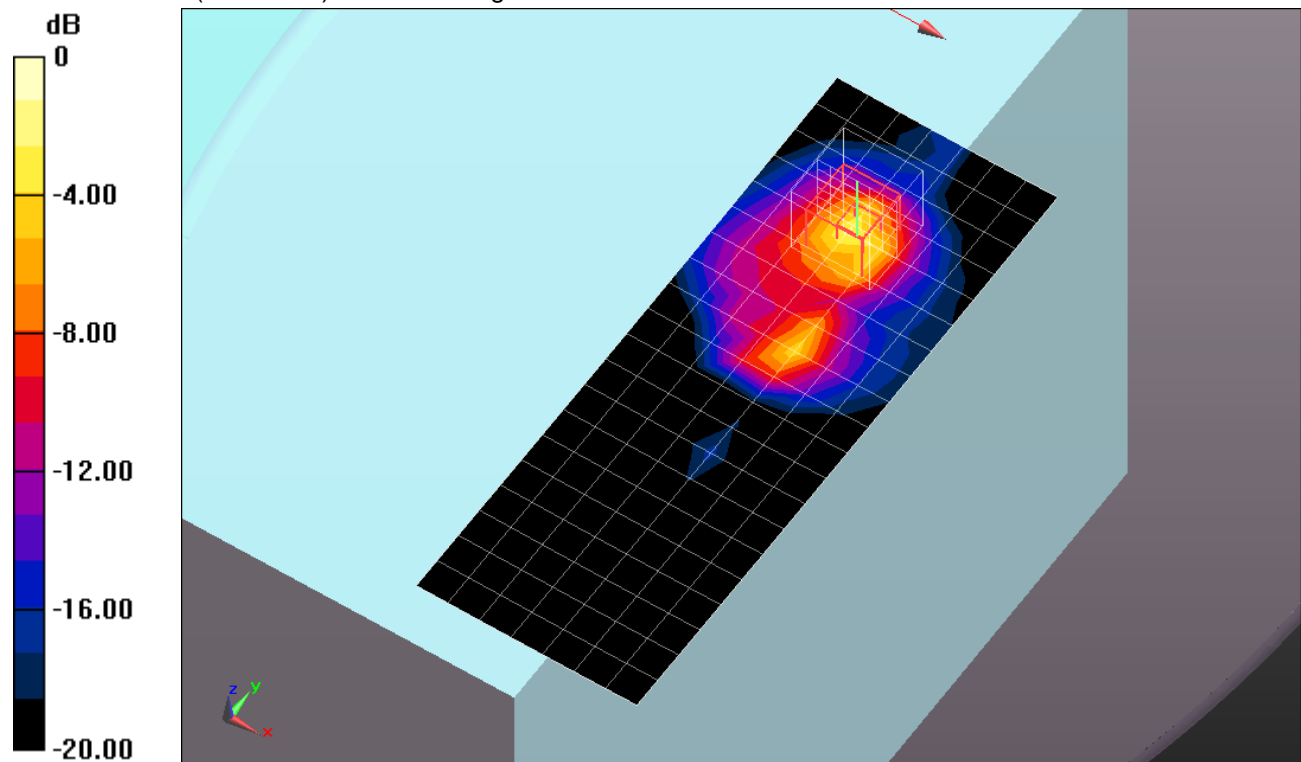
Reference Value = 31.525 V/m; Power Drift = -0.0033 dB

Peak SAR (extrapolated) = 2.7870

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.509 mW/g**

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

Maximum value of SAR (measured) = 1.785 mW/g



0 dB = 1.790mW/g = 5.06 dB mW/g

## 5.2GHz Band

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.1$  mho/m;  $\epsilon_r = 47.08$ ;  $\rho = 1000$  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 Sn1278; Calibrated: 1/30/2013
- Probe: EX3DV4 - SN3676; ConvF(4.37, 4.37, 4.37); 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: 1135

**Rear/802.11a\_Chain 0\_Ch 36/Area Scan (10x25x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.849 mW/g

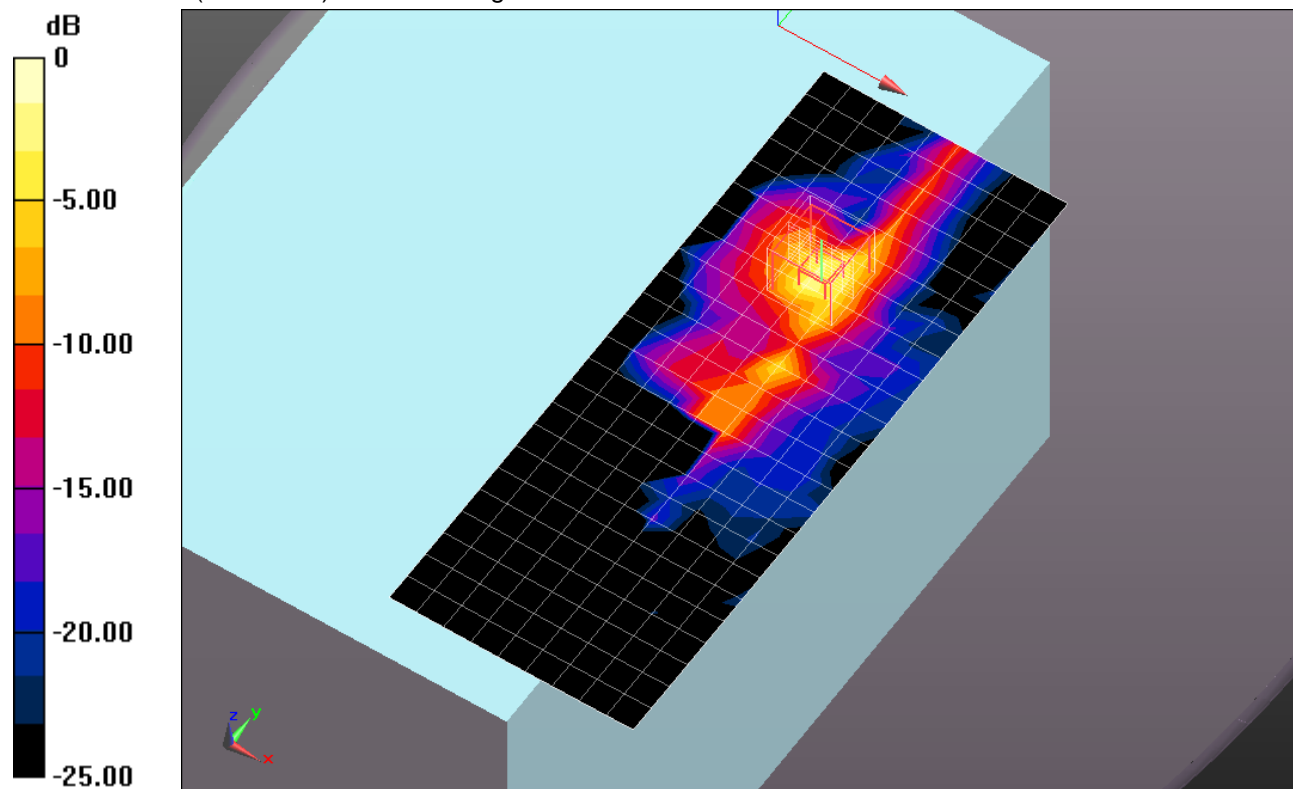
**Rear/802.11a\_Chain 0\_Ch 36/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.723 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.9950

**SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 1.450 mW/g



0 dB = 1.450mW/g = 3.23 dB mW/g

### 5.3 GHz 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;  $\sigma = 5.328$  mho/m;  $\epsilon_r = 47.71$ ;  $\rho = 1000$  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 Sn1278; Calibrated: 1/30/2013
- Probe: EX3DV4 - SN3676; ConvF(4.08, 4.08, 4.08); 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: 1135

**Rear/802.11a\_Chain 0, 1\_Ch 64/Area Scan (10x25x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.755 mW/g

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

Reference Value = 22.451 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.6230

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.312 mW/g**

Maximum value of SAR (measured) = 2.684 mW/g

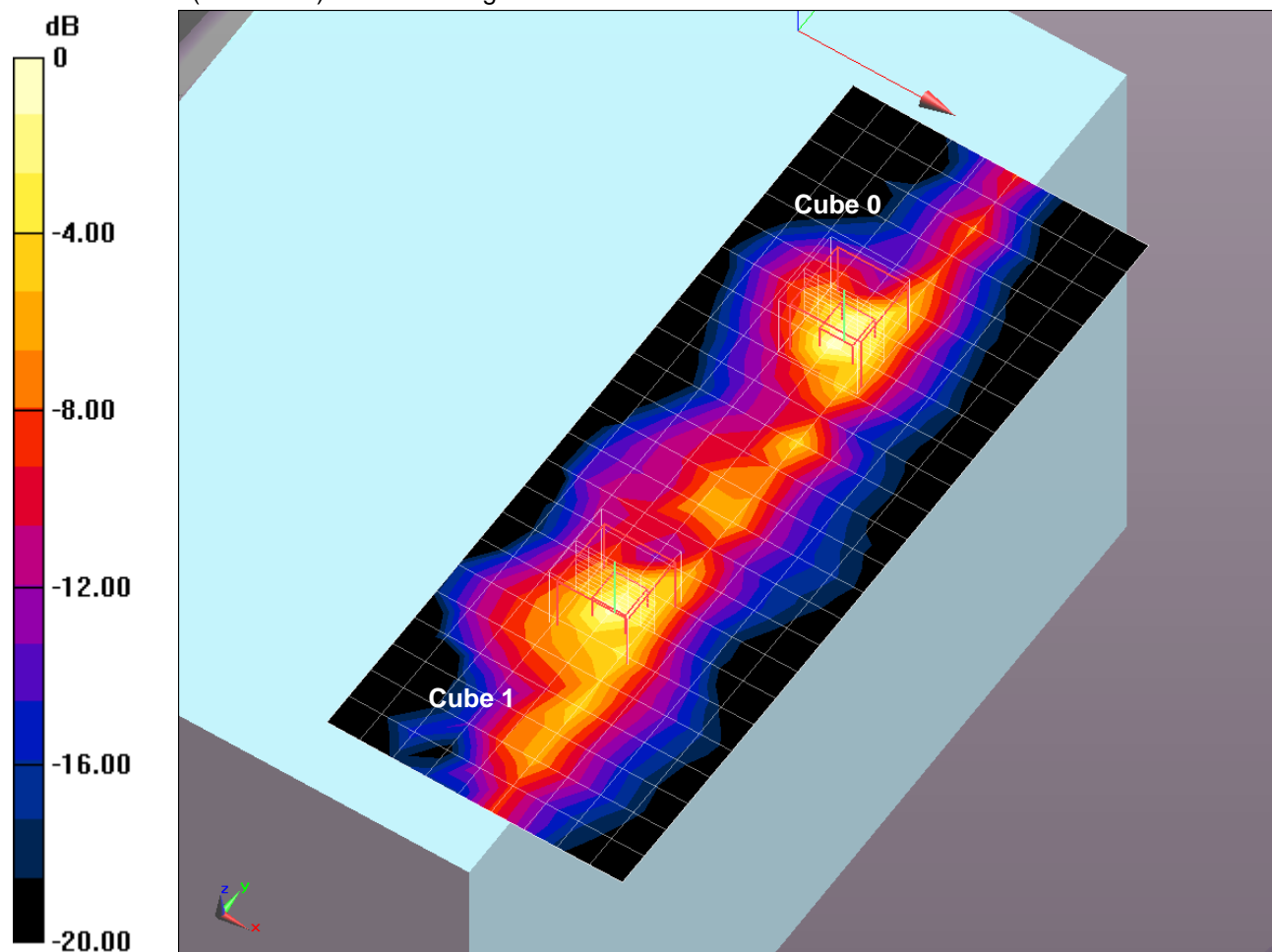
**Rear/802.11a\_Chain 1\_Ch 64/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 22.451 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.9630

**SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.271 mW/g**

Maximum value of SAR (measured) = 1.915 mW/g



0 dB = 1.910mW/g = 5.62 dB mW/g

### 5.5 GHz Band

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.385$  mho/m;  $\epsilon_r = 47.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

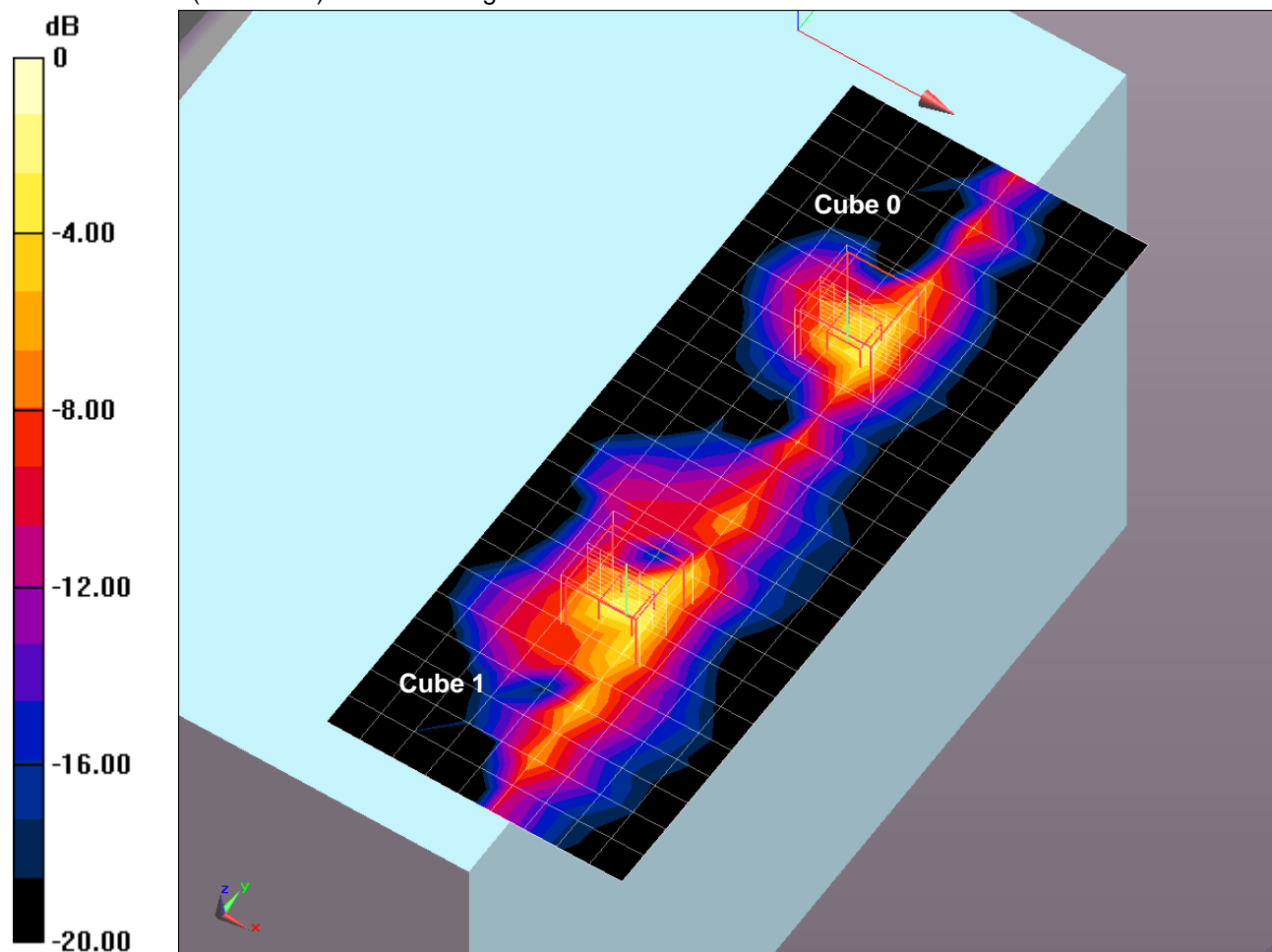
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1278; Calibrated: 1/30/2013
- Probe: EX3DV4 - SN3676; ConvF(3.89, 3.89, 3.89); 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: 1135

**Rear/802.11a\_Chain 0, 1\_Ch 100/Area Scan (10x25x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.355 mW/g

**Rear/802.11a\_Chain 0\_Ch 100/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 21.453 V/m; Power Drift = -0.00025 dB  
Peak SAR (extrapolated) = 6.0300  
**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.305 mW/g**  
Maximum value of SAR (measured) = 2.492 mW/g

**Rear/802.11a\_Chain 1\_Ch 100/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 21.453 V/m; Power Drift = -0.00025 dB  
Peak SAR (extrapolated) = 5.2930  
**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.335 mW/g**  
Maximum value of SAR (measured) = 2.463 mW/g



0 dB = 2.460mW/g = 7.82 dB mW/g

## 5.8 GHz 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;  $\sigma = 5.923$  mho/m;  $\epsilon_r = 46.178$ ;  $\rho = 1000$  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 Sn1278; Calibrated: 1/30/2013
- Probe: EX3DV4 - SN3676; ConvF(3.92, 3.92, 3.92); 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: 1135

**Rear/802.11a\_Chain 0, 1\_Ch 165/Area Scan (10x25x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.848 mW/g

**Rear/802.11a\_Chain 0\_Ch 165/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.187 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.0960

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.274 mW/g**

Maximum value of SAR (measured) = 2.320 mW/g

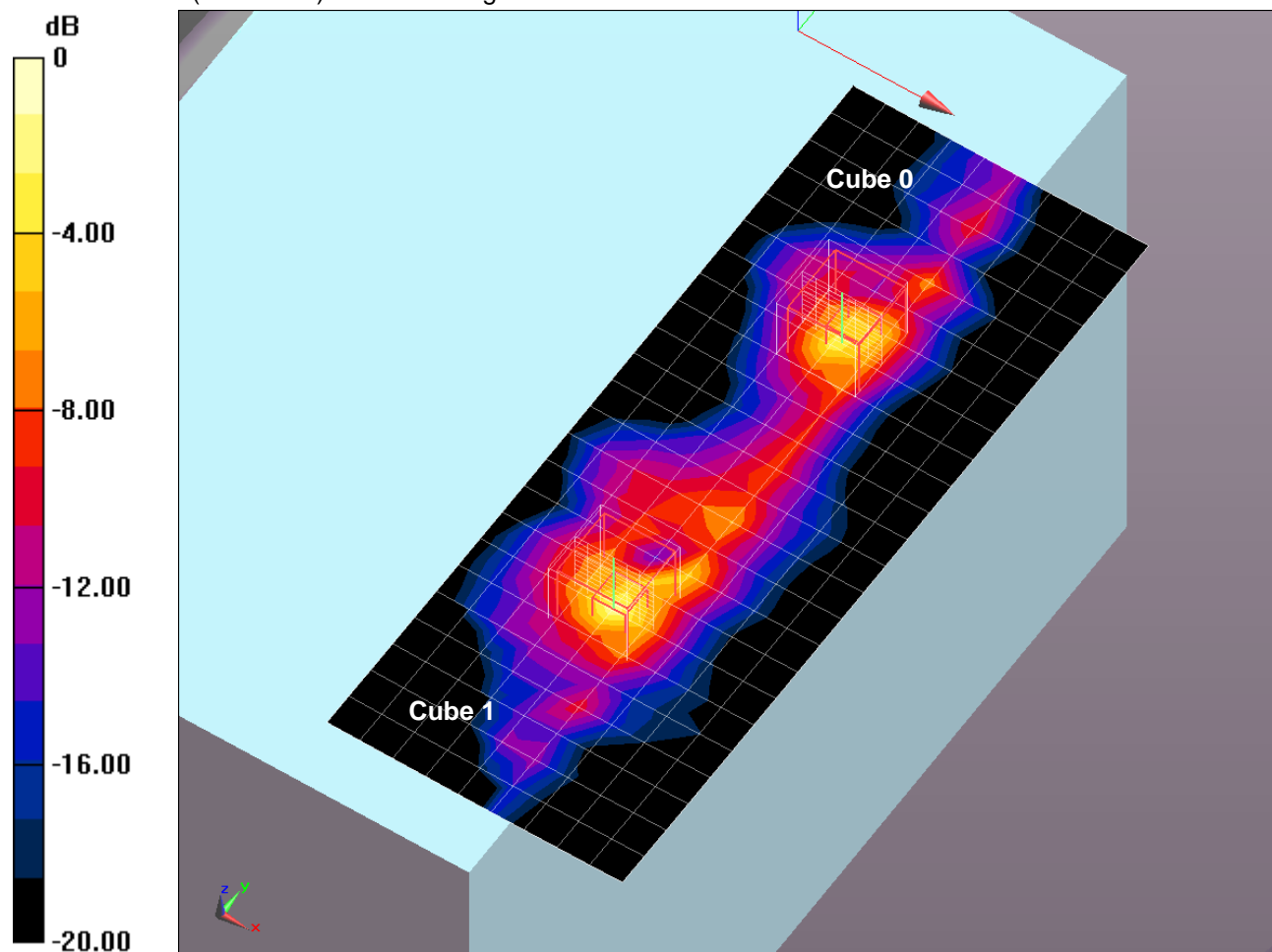
**Rear/802.11a\_Chain 1\_Ch 165/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.187 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.9410

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 2.647 mW/g



0 dB = 2.650mW/g = 8.46 dB mW/g