

## Wi-Fi 2.4GHz Band

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2412.7$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 54.03$ ;  $\rho = 1000$  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: 7/22/2016
- Probe: EX3DV4 - SN3554; ConvF(6.41, 6.41, 6.41); Calibrated: 9/29/2016
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Edge4/Main Ant/802.11b/Ch1/Area Scan (7x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.816 mW/g

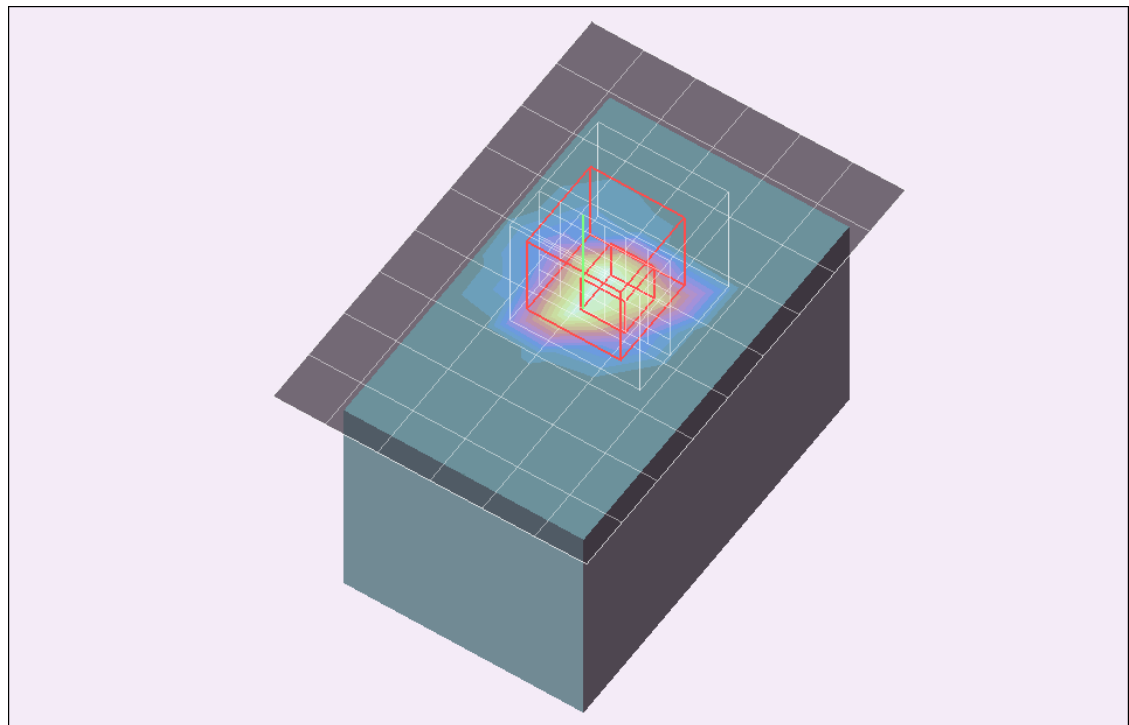
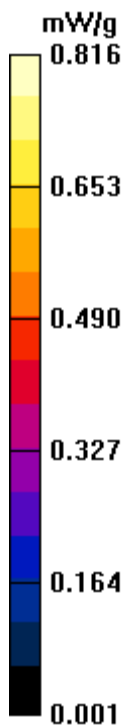
**Edge4/Main Ant/802.11b/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.0 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.247 mW/g**

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

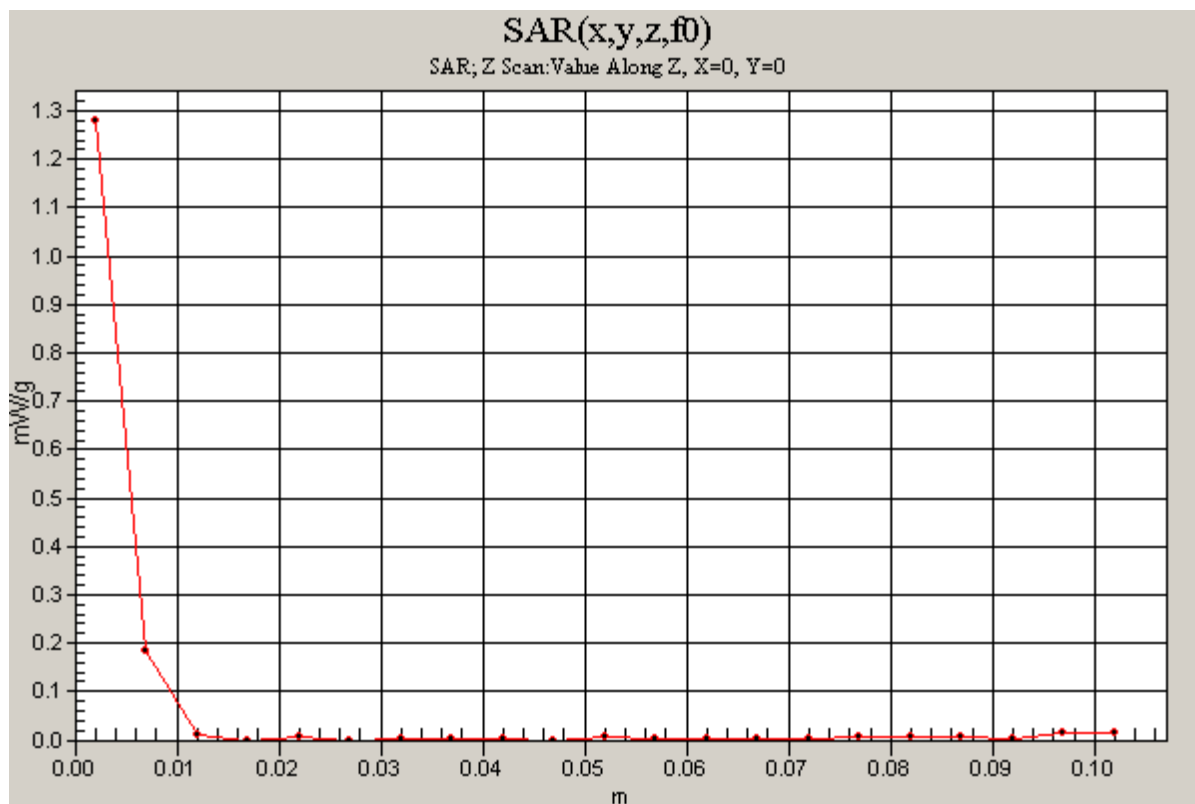


## Wi-Fi 2.4GHz Band

Frequency: 2412 MHz; Duty Cycle: 1:1

**Edge4/Main Ant/802.11b/Ch1/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.28 mW/g



## Wi-Fi 5GHz Band

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
Medium parameters used:  $f = 5280.4$  MHz;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 48.61$ ;  $\rho = 1000$  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: 7/22/2016
- Probe: EX3DV4 - SN3554; ConvF(3.75, 3.75, 3.75); Calibrated: 9/29/2016
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Edge4/Main Ant/802.11a/Ch56/Area Scan (8x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.988 mW/g

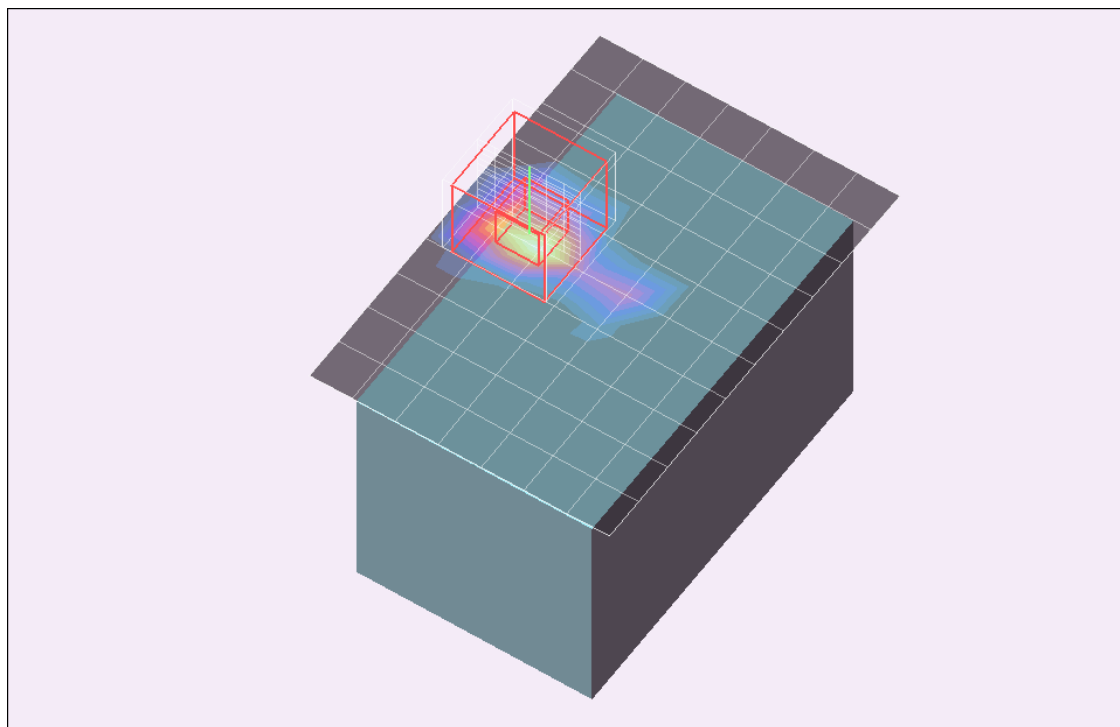
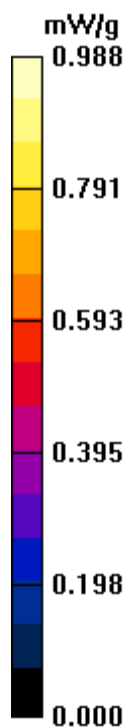
**Edge4/Main Ant/802.11a/Ch56/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.89 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 2.37 W/kg

**SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.146 mW/g**

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

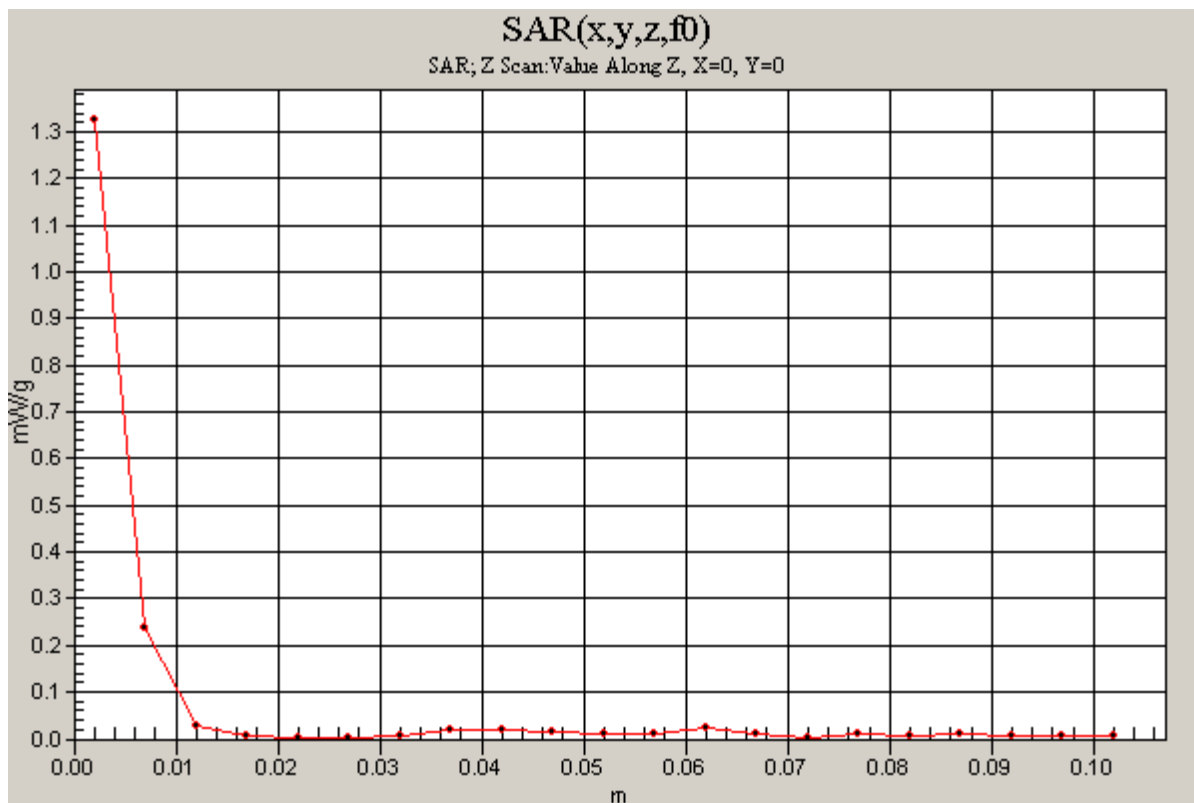


## Wi-Fi 5GHz Band

Frequency: 5280 MHz; Duty Cycle: 1:1

**Edge4/Main Ant/802.11a/Ch56/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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



## Wi-Fi 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;  $\sigma = 5.57$  mho/m;  $\epsilon_r = 48.12$ ;  $\rho = 1000$  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: 7/22/2016
- Probe: EX3DV4 - SN3554; ConvF(3.22, 3.22, 3.22); Calibrated: 9/29/2016
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

**Edge4/Main Ant/802.11a/Ch116/Area Scan (8x11x1):** Measurement grid: dx=10mm, dy=10mm

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

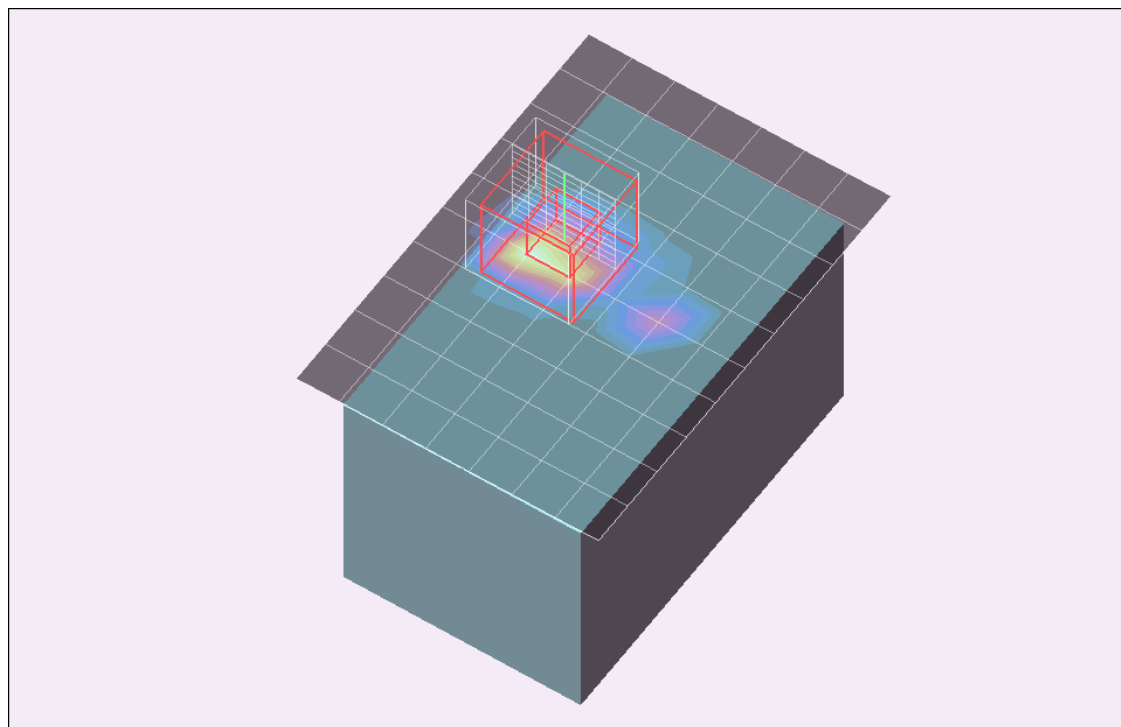
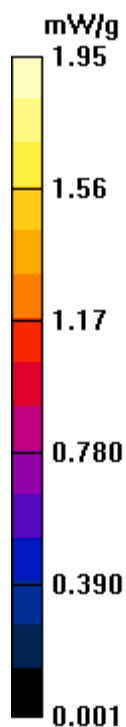
**Edge4/Main Ant/802.11a/Ch116/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.08 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 4.88 W/kg

**SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 2.29 mW/g

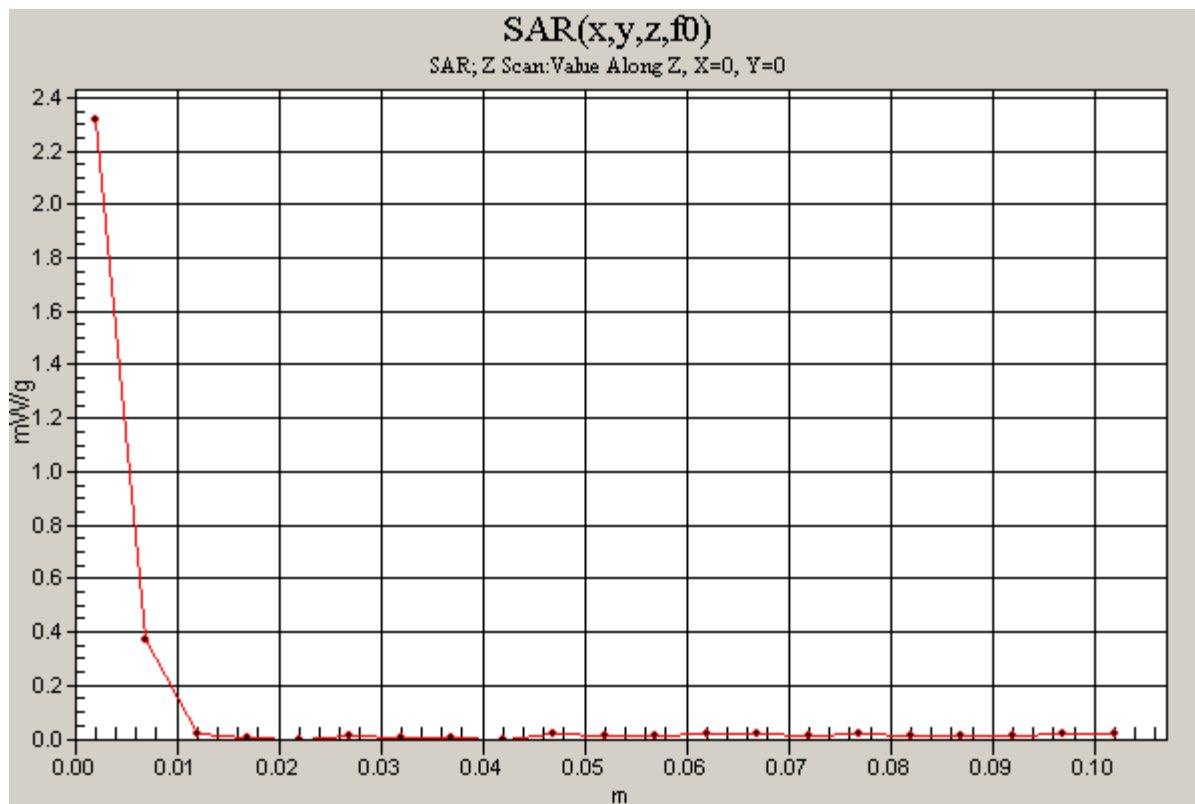


## Wi-Fi 5GHz Band

Frequency: 5580 MHz; Duty Cycle: 1:1

**Edge4/Main Ant/802.11a/Ch116 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.32 mW/g



## Wi-Fi 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;  $\sigma = 5.76$  mho/m;  $\epsilon_r = 47.86$ ;  $\rho = 1000$  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: 7/22/2016
- Probe: EX3DV4 - SN3554; ConvF(3.38, 3.38, 3.38); Calibrated: 9/29/2016
- 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

**Edge4/Main Ant/802.11a/Ch149/Area Scan (8x11x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.508 mW/g

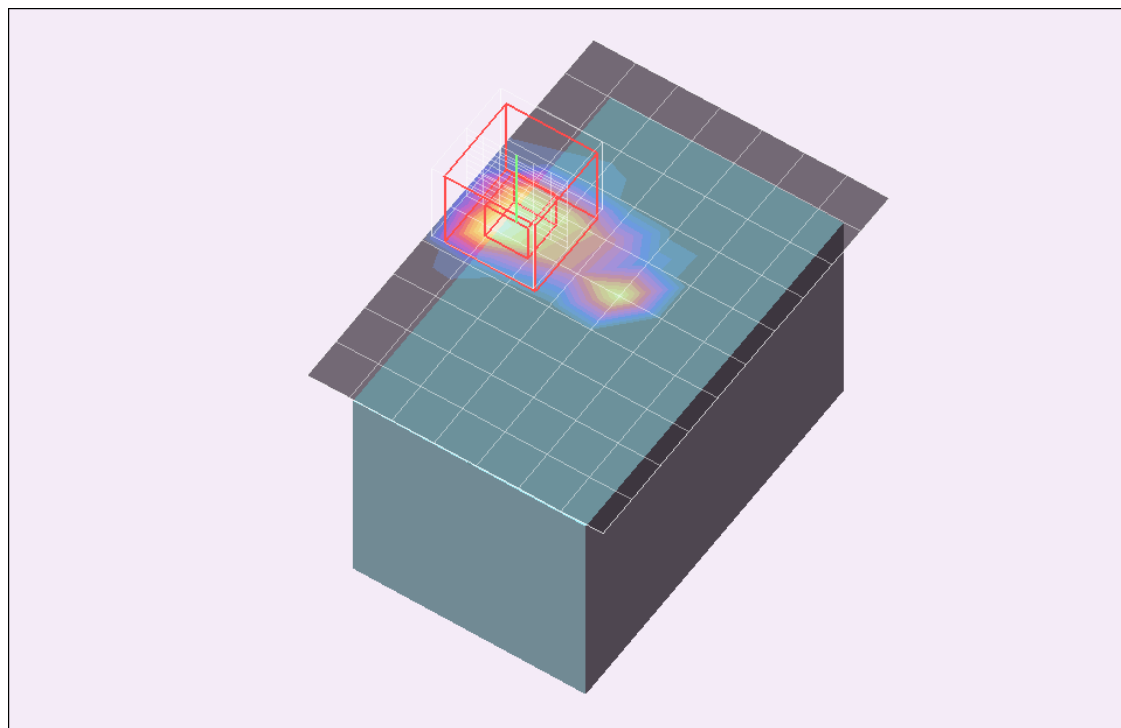
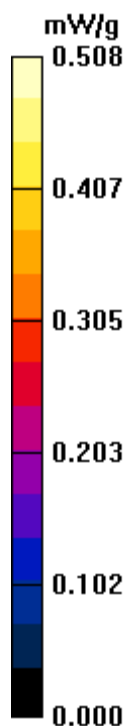
**Edge4/Main Ant/802.11a/Ch149/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.3 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.916 mW/g



## Wi-Fi 5GHz Band

Frequency: 5745 MHz; Duty Cycle: 1:1

**Edge4/Main Ant/802.11a/Ch149/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.775 mW/g

