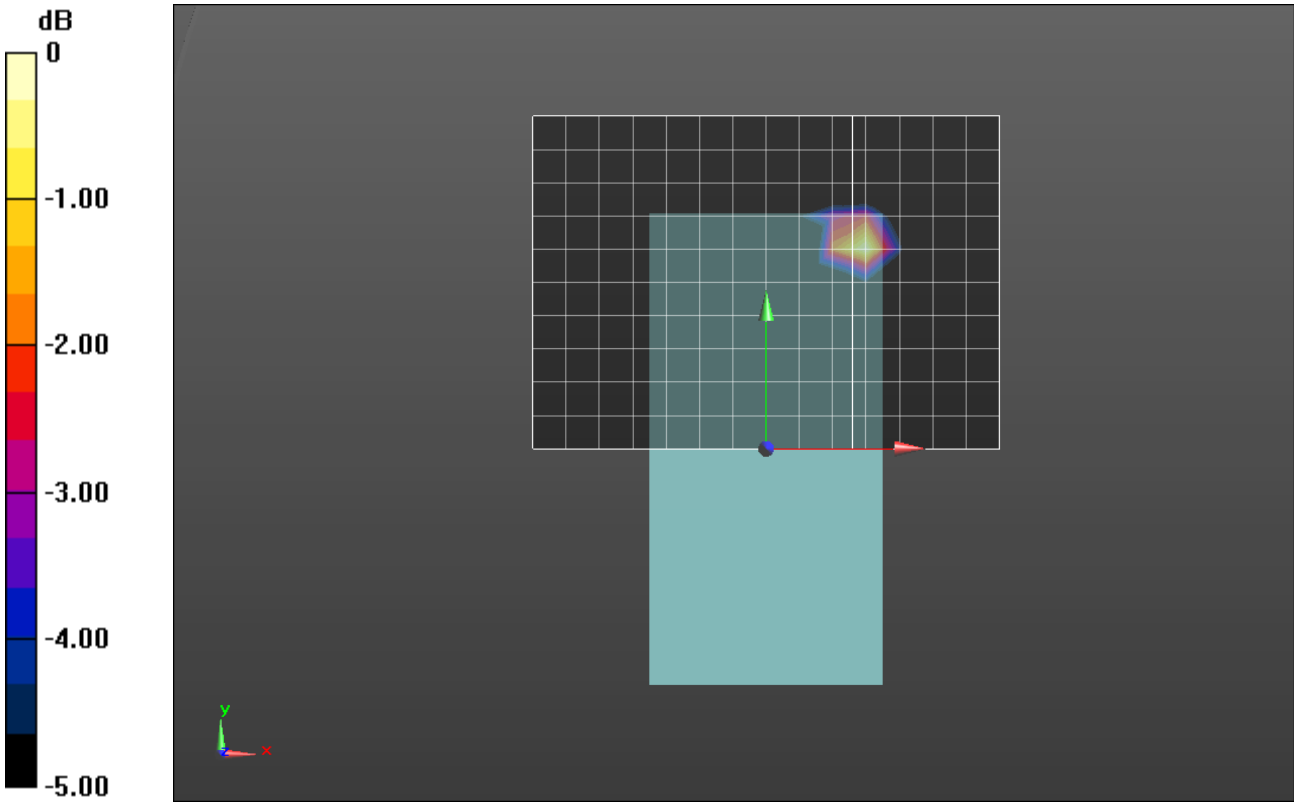
Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5785 MHz; σ = 6.158 S/m; ε_r = 46.365; ρ = 1000 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 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018, ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11a_ch 157 Ant 1 @10mm/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.453 W/kg

Rear/802.11a_ch 157 Ant 1 @10mm/Volume Scan (36x26x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.680 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.052 W/kg
Total Absorbed Power = 0.00109 W
Maximum value of SAR (measured) = 0.466 W/kg



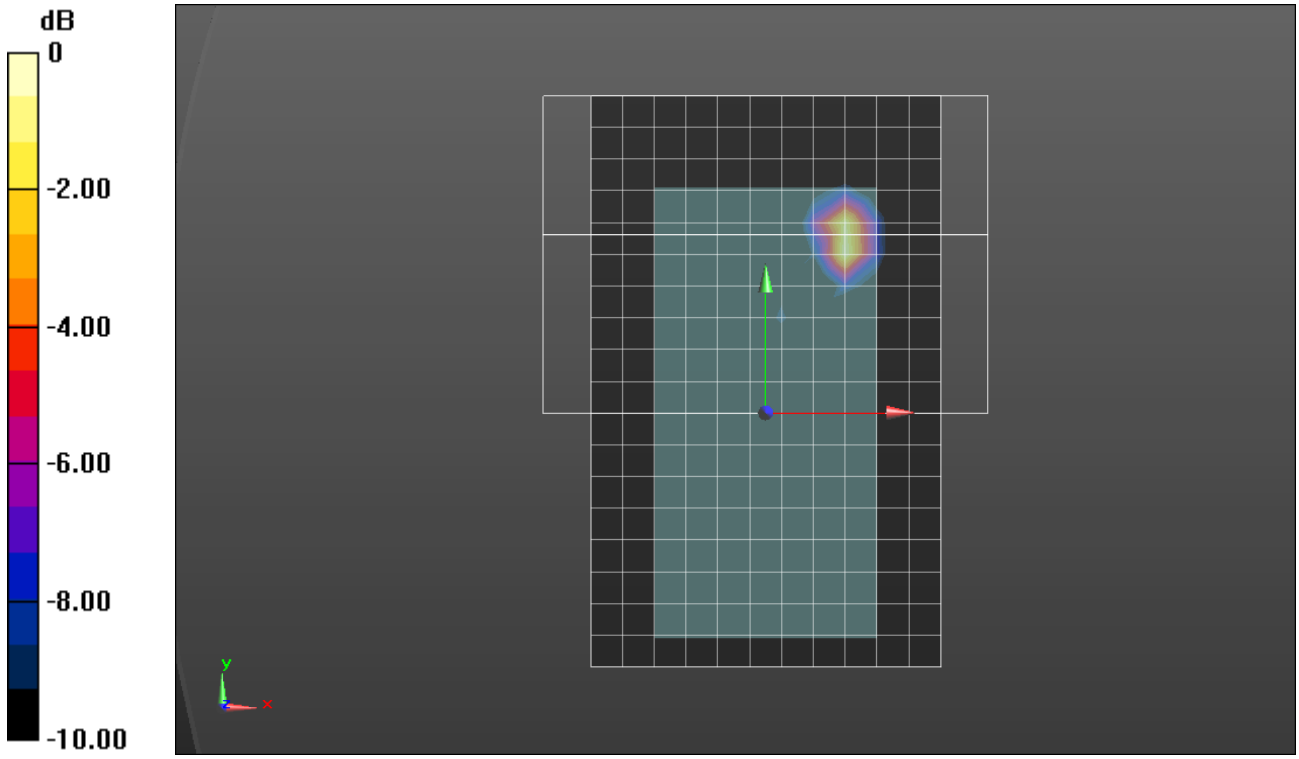
0 dB = 0.466 W/kg = -3.32 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5785 MHz; σ = 6.131 S/m; ε_r = 46.509; ρ = 1000 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 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(4.17, 4.17, 4.17); Calibrated: 2/13/2018, ConvF(4.17, 4.17, 4.17); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/802.11a_Ch 157_10mm/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.13 W/kg

Rear/802.11a_Ch 157_10mm/Volume Scan (36x26x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 15.76 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 5.23 W/kg
SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.230 W/kg
Total Absorbed Power = 0.00643 W
Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

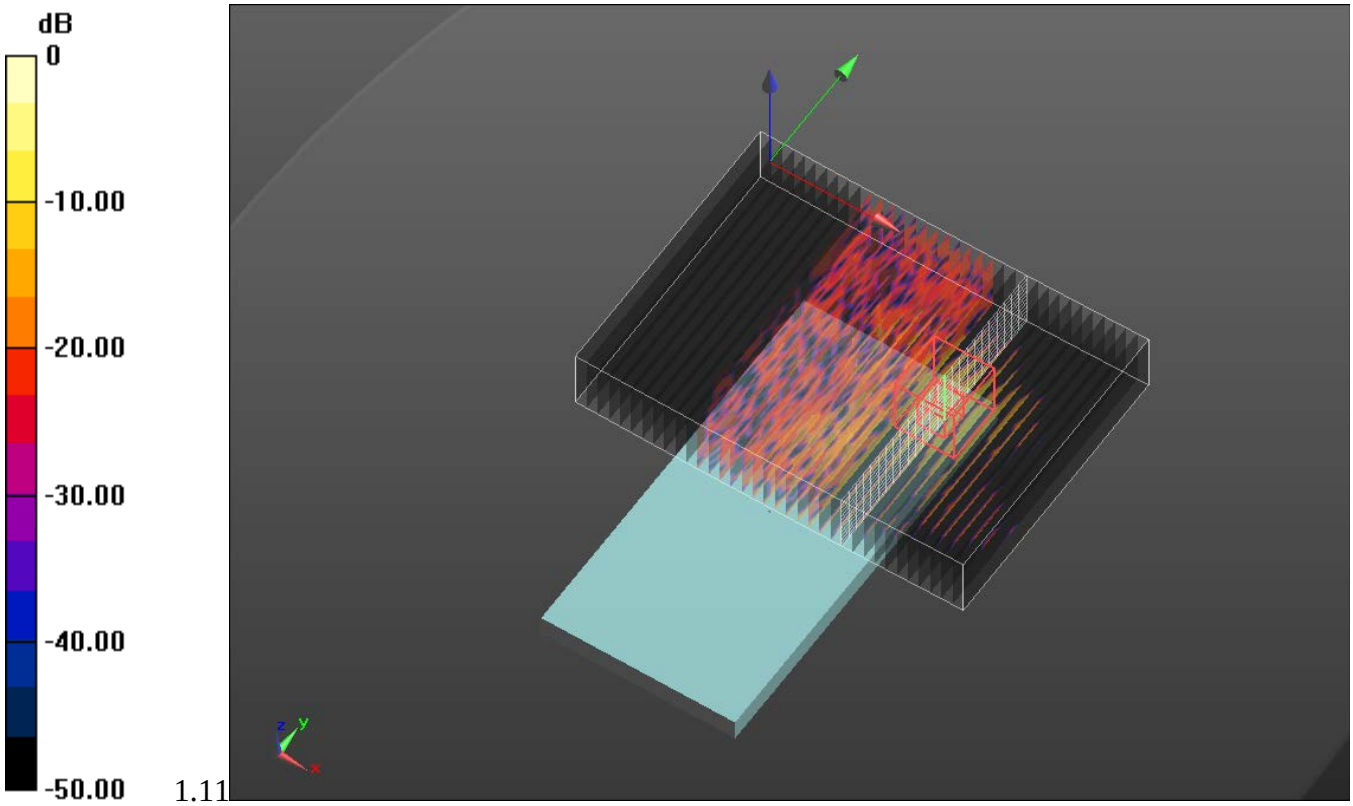
Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/802.11a_ch 157 Ant 1 @10mm/Volume Scan:

DASY Configuration for Rear/802.11a_Ch 157_10mm/Volume Scan:

Multi Band Result:
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (interpolated) = 4.85 W/kg



1.11

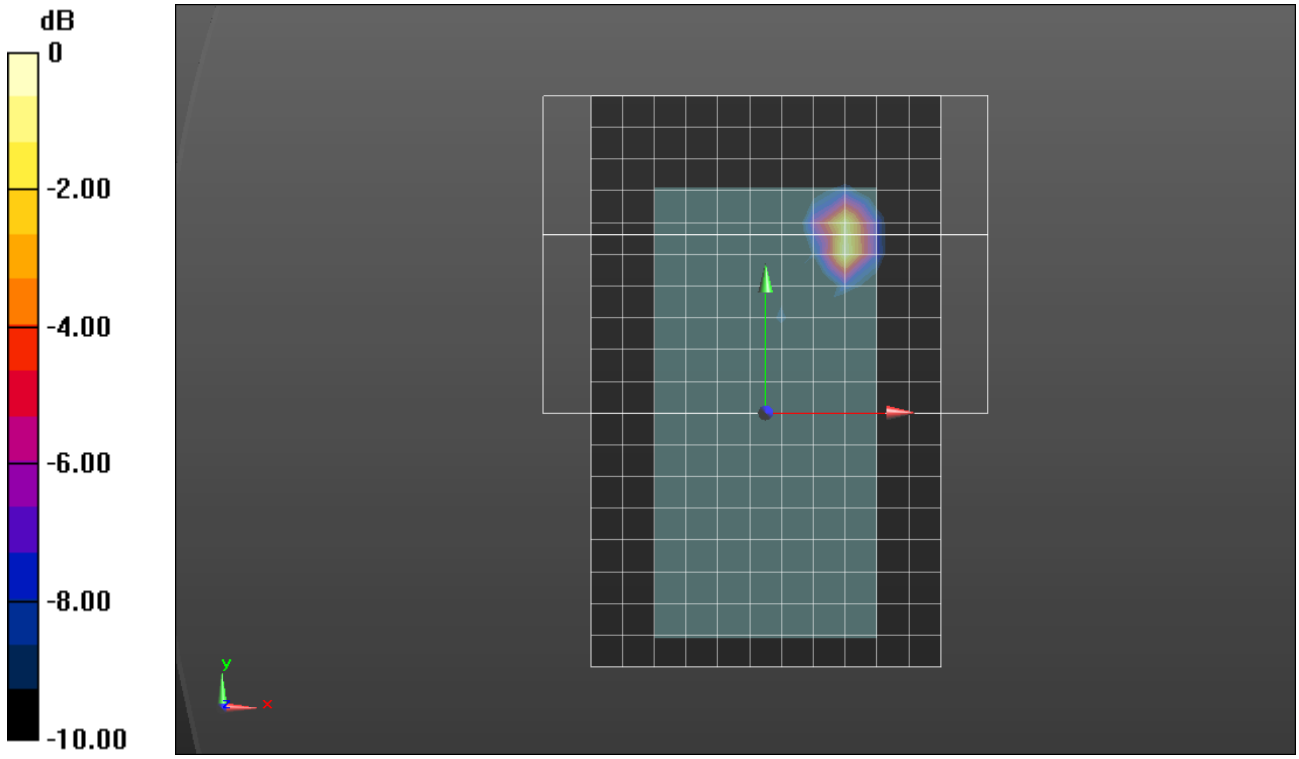
0 dB = 4.85 W/kg = 6.86 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5785 MHz; σ = 6.131 S/m; ε_r = 46.509; ρ = 1000 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 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(4.17, 4.17, 4.17); Calibrated: 2/13/2018, ConvF(4.17, 4.17, 4.17); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/802.11a_Ch 157_10mm/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.13 W/kg

Rear/802.11a_Ch 157_10mm/Volume Scan (36x26x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 15.76 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 5.23 W/kg
SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.230 W/kg
Total Absorbed Power = 0.00643 W
Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

Bluetooth

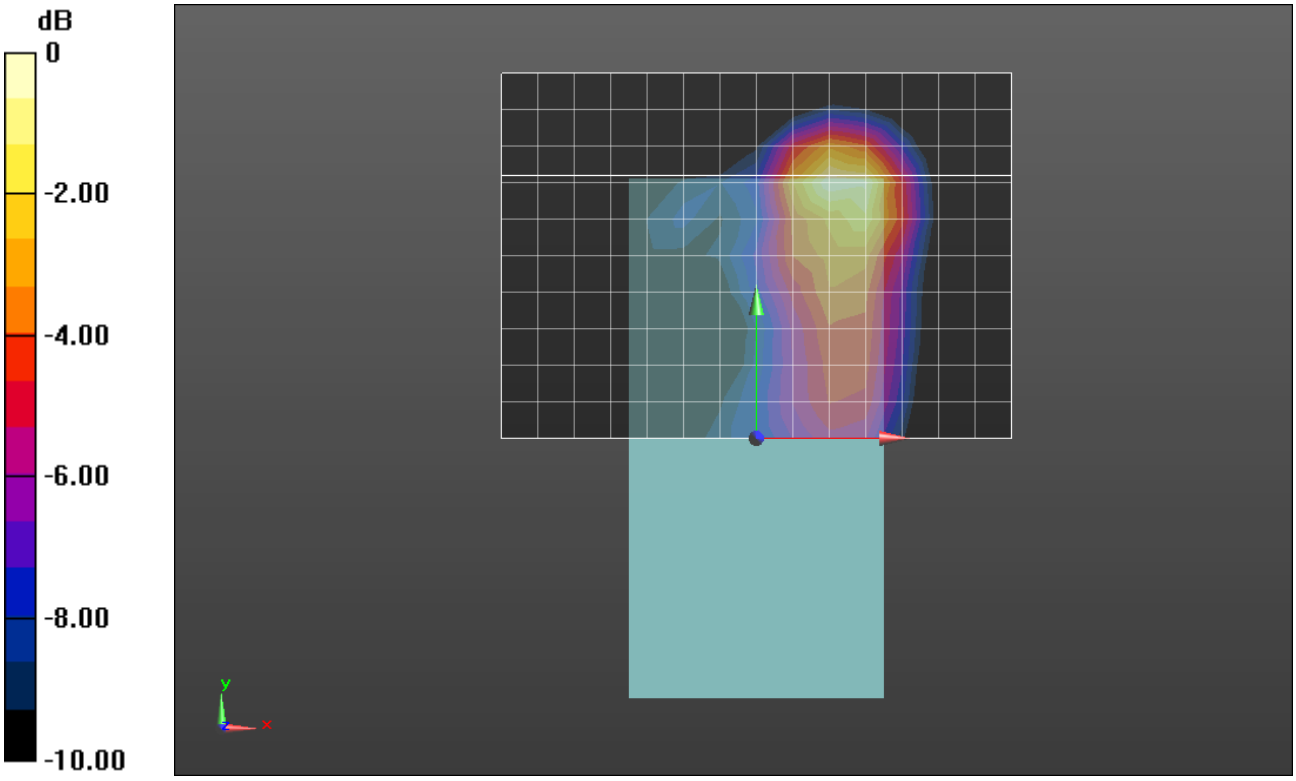
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.996 S/m; ε_r = 51.503; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018, ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/GFSK DH5_CH 39 10mm/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.261 W/kg

Rear/GFSK DH5_CH 39 10mm/Volume Scan (36x26x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.38 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.077 W/kg
Total Absorbed Power = 0.00484 W
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

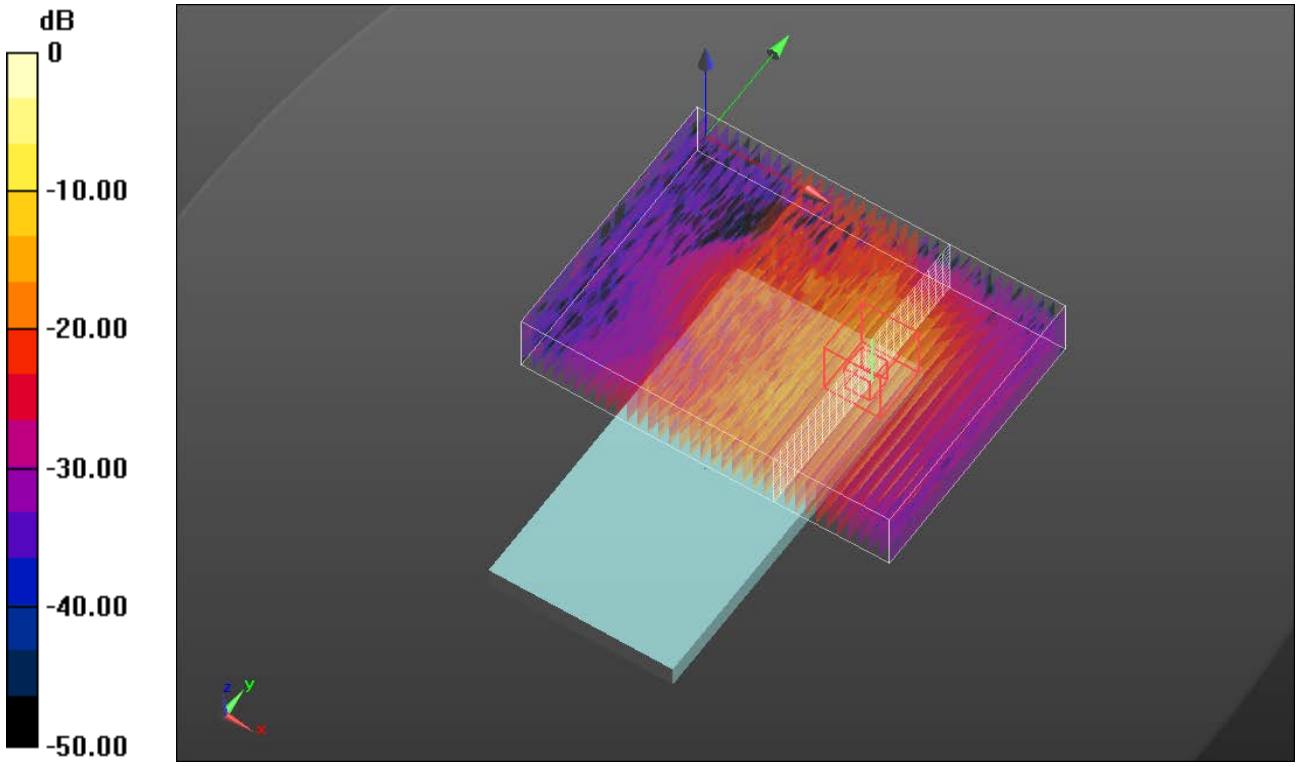
Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/GFSK DH5_CH 39 10mm/Volume Scan:

DASY Configuration for Rear/802.11a_Ch 157_10mm/Volume Scan:

Multi Band Result:
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.311 W/kg
Maximum value of SAR (interpolated) = 4.50 W/kg



0 dB = 4.50 W/kg = 6.53 dBW/kg