Test Laboratory: Compliance Certification Services Inc. SAR Lab 01 Date: 2012/12/3

WiFi 5.2GHz Band

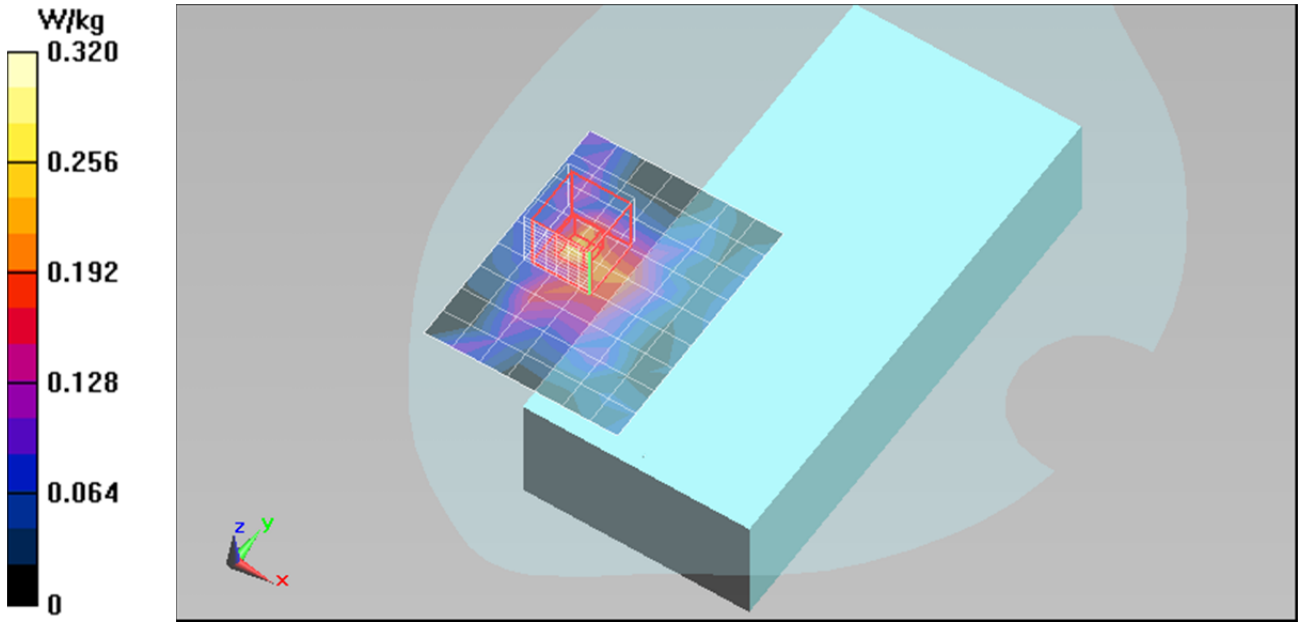
Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): f = 5200 MHz; σ = 5.325 mho/m; ε_r = 50.47; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.26, 4.26, 4.26); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

Front Side/802.11a/CH40/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.241 W/kg

Front Side/802.11a/CH40/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.218 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.071 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.394 W/kg



Test Laboratory: Compliance Certification Services Inc. SAR Lab 01 Date: 2012/12/3

WiFi 5.2GHz Band

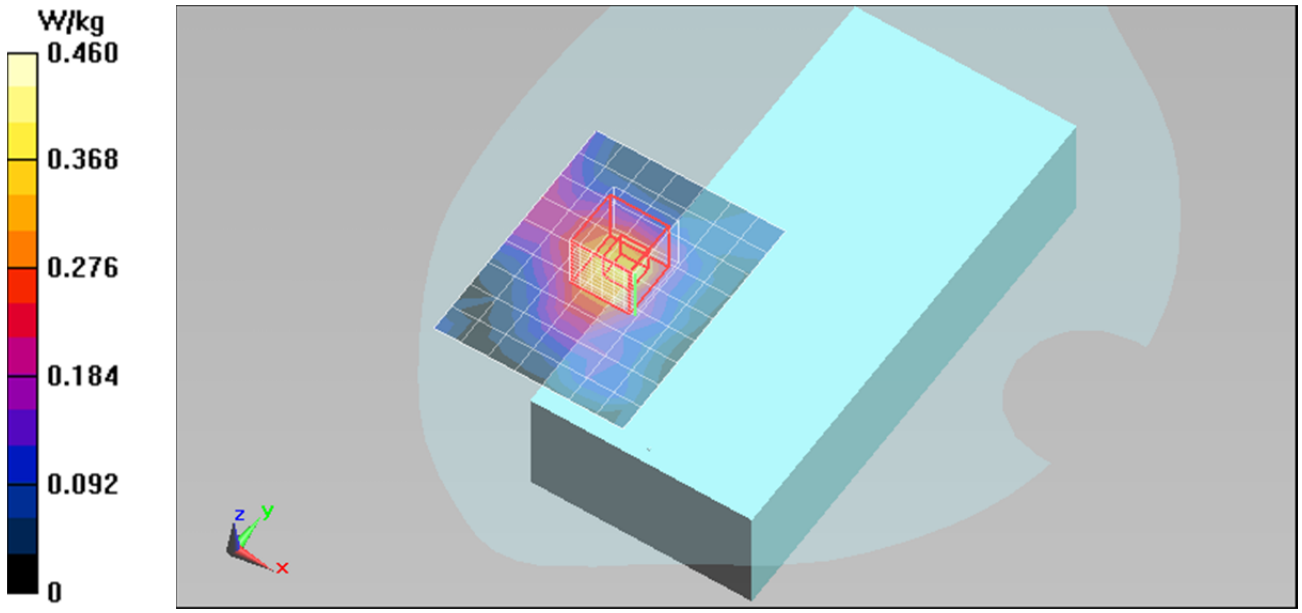
Frequency: 5220 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): f = 5220 MHz; σ = 5.361 mho/m; ε_r = 50.436; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.26, 4.26, 4.26); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

Front Side/802.11a/CH44/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.387 W/kg

Front Side/802.11a/CH44/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.769 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.741 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.081 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.460 W/kg



Test Laboratory: Compliance Certification Services Inc. SAR Lab 01 Date: 2012/12/3

WiFi 5.2GHz Band

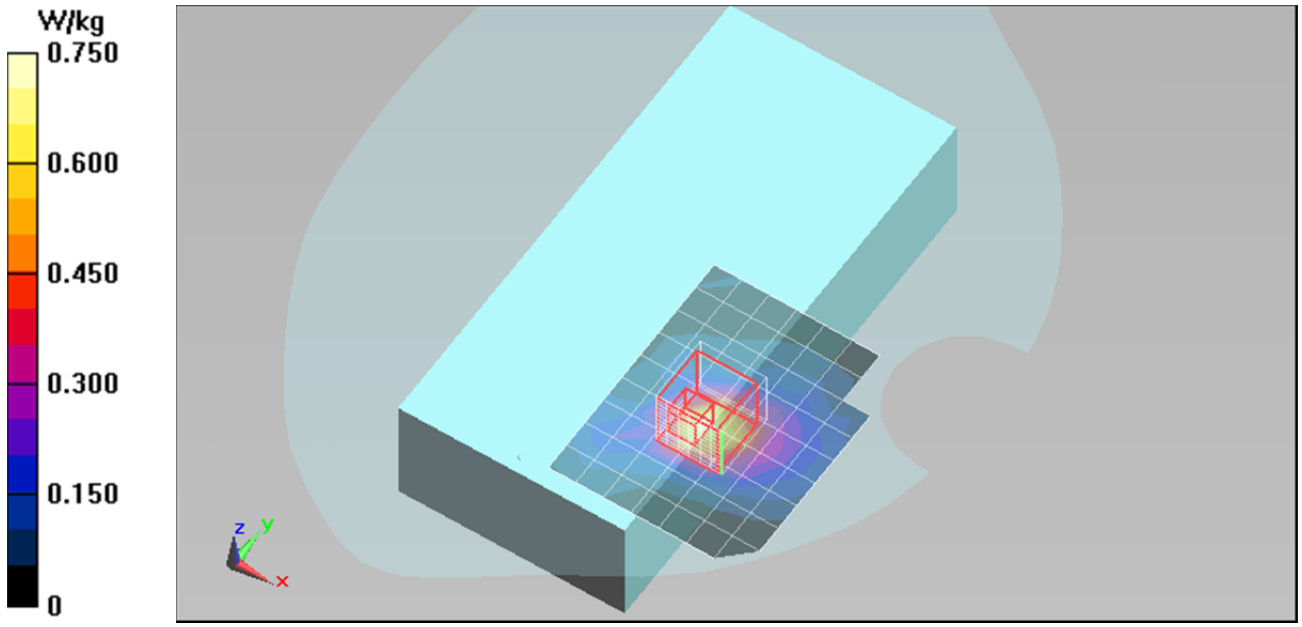
Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): f = 5200 MHz; σ = 5.325 mho/m; ε_r = 50.47; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.26, 4.26, 4.26); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Rear Side/802.11a/CH40/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.761 W/kg

Rear Side/802.11a/CH40/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.803 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.211 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.72 W/kg



Test Laboratory: Compliance Certification Services Inc. SAR Lab 01 Date: 2012/12/3

WiFi 5.2GHz Band

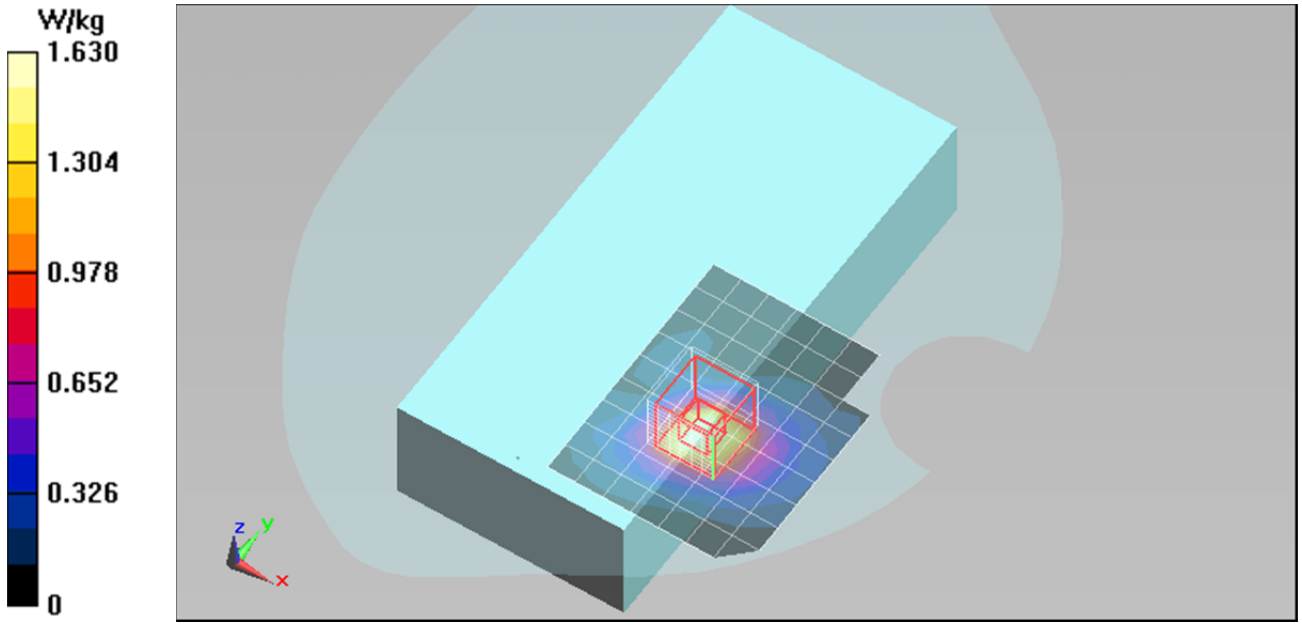
Frequency: 5220 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): f = 5220 MHz; σ = 5.361 mho/m; ε_r = 50.436; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.26, 4.26, 4.26); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Rear Side/802.11a/CH44/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.68 W/kg

Rear Side/802.11a/CH44/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.696 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.49 W/kg
SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.286 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.63 W/kg



Test Laboratory: Compliance Certification Services Inc. SAR Lab 01 Date: 2012/12/3

WiFi 5.2GHz Band

Frequency: 5220 MHz; Duty Cycle: 1:1

Rear Side/802.11a/CH44/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.335 W/kg