Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/14/2016

Wi-Fi 2.4GHz Band

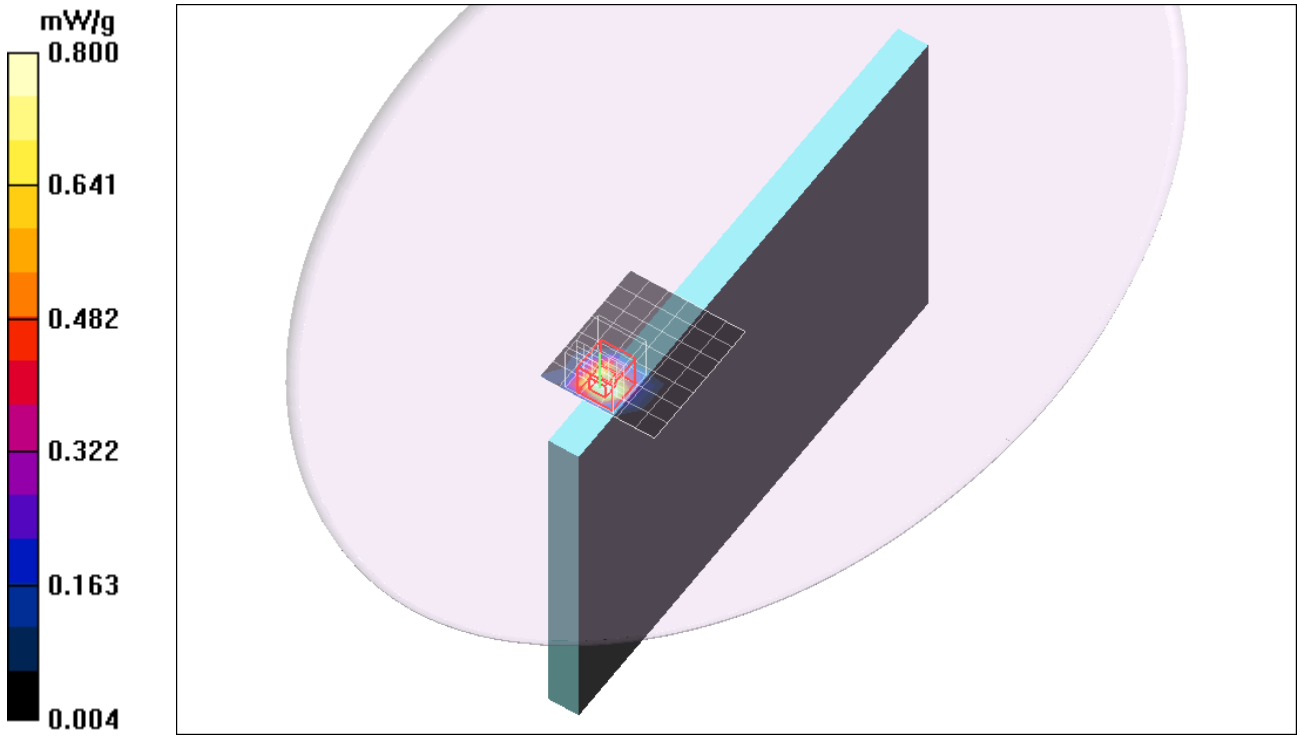
Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2412.7 MHz; σ = 1.98 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/16/2015
- Probe: EX3DV4 - SN3554; ConvF(6.1, 6.1, 6.1); Calibrated: 10/1/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge3/Aux Ant/802.11b/ch1/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.922 mW/g

Edge3/Aux Ant/802.11b/ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.662 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

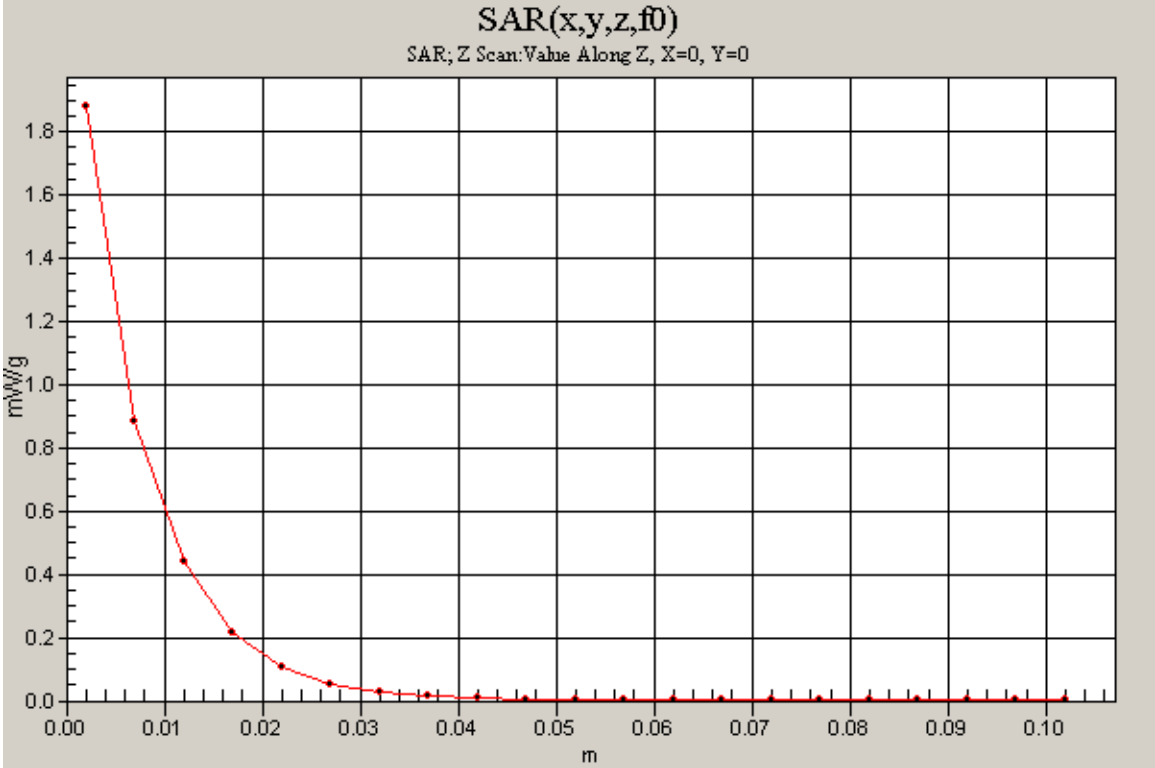


Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/14/2016

Wi-Fi 2.4GHz Band Edge3

Frequency: 2412 MHz; Duty Cycle: 1:1

Edge3/Aux Ant/802.11b/ch1/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.102 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/14/2016

Wi-Fi 2.4GHz Band

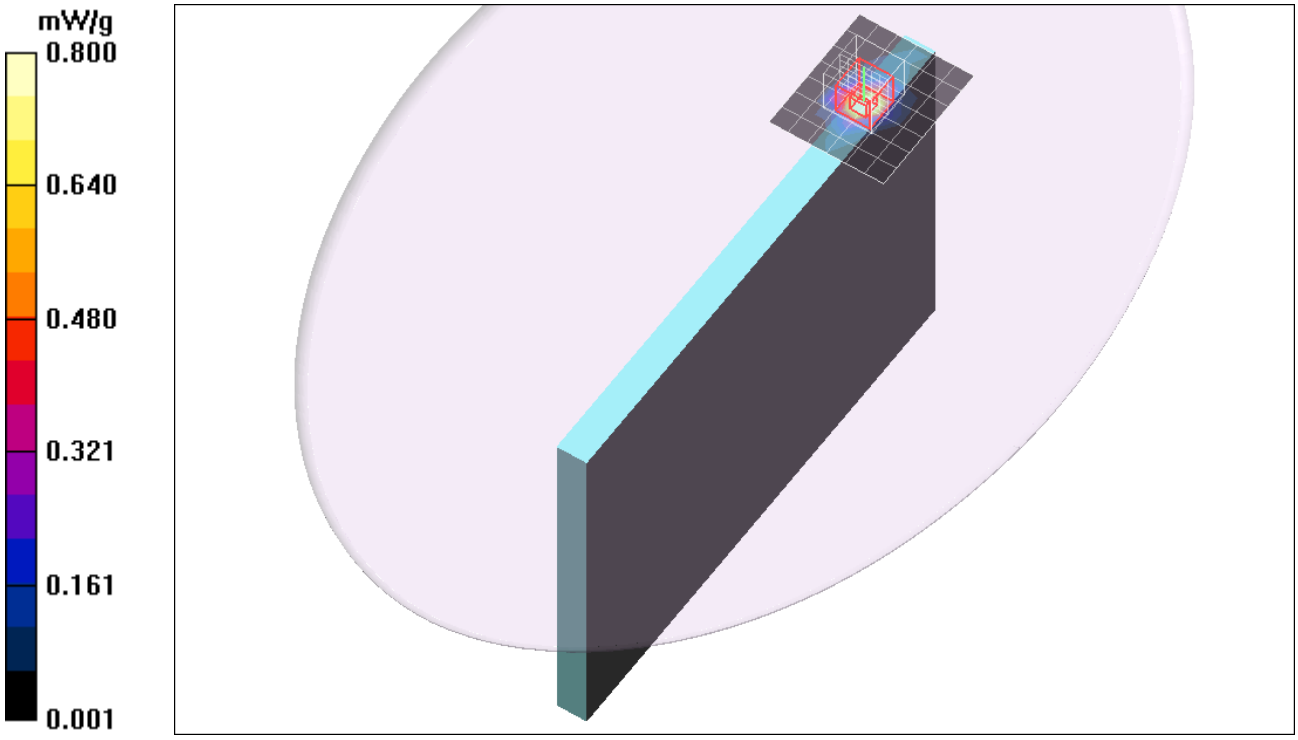
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.04 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/16/2015
- Probe: EX3DV4 - SN3554; ConvF(6.1, 6.1, 6.1); Calibrated: 10/1/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge3/Main Ant/802.11n HT40/ch6/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.14 mW/g

Edge3/Main Ant/802.11n HT40/ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.759 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.311 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.13 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/14/2016

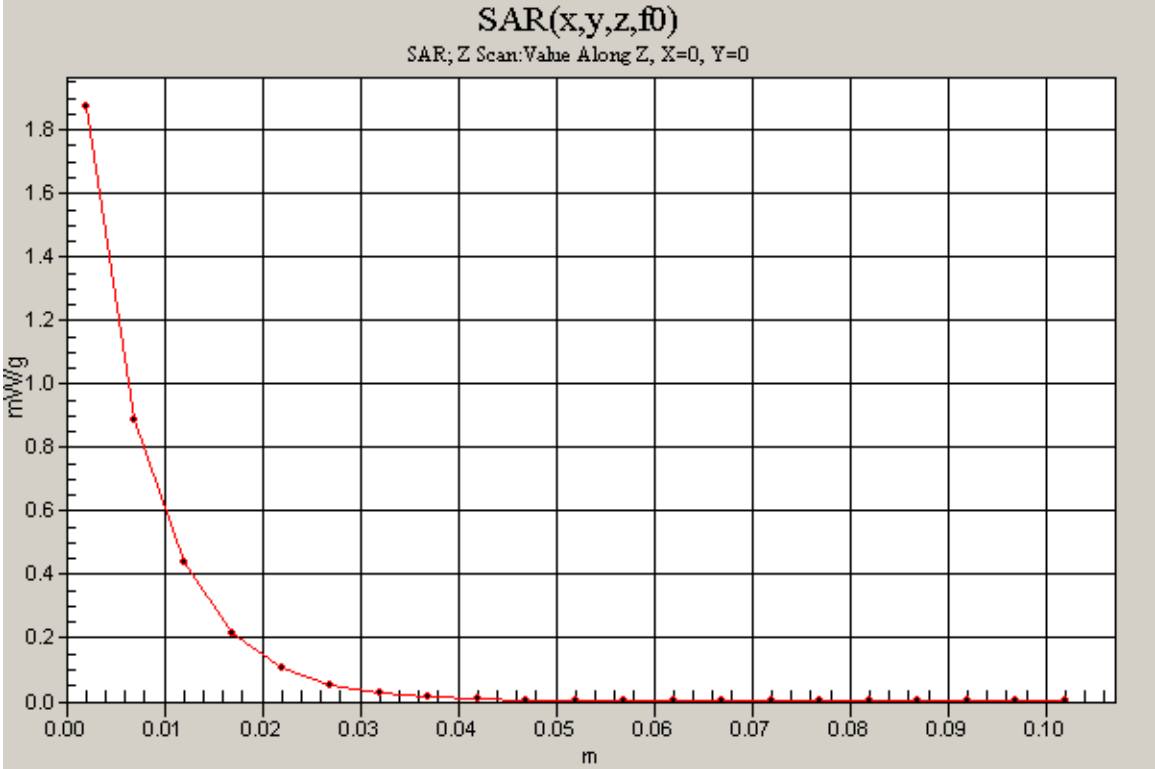
Wi-Fi 2.4GHz Band

Frequency: 2437 MHz; Duty Cycle: 1:1

Edge3/Main Ant/802.11n HT40/ch6/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.004 mW/g



Wi-Fi 5GHz Band

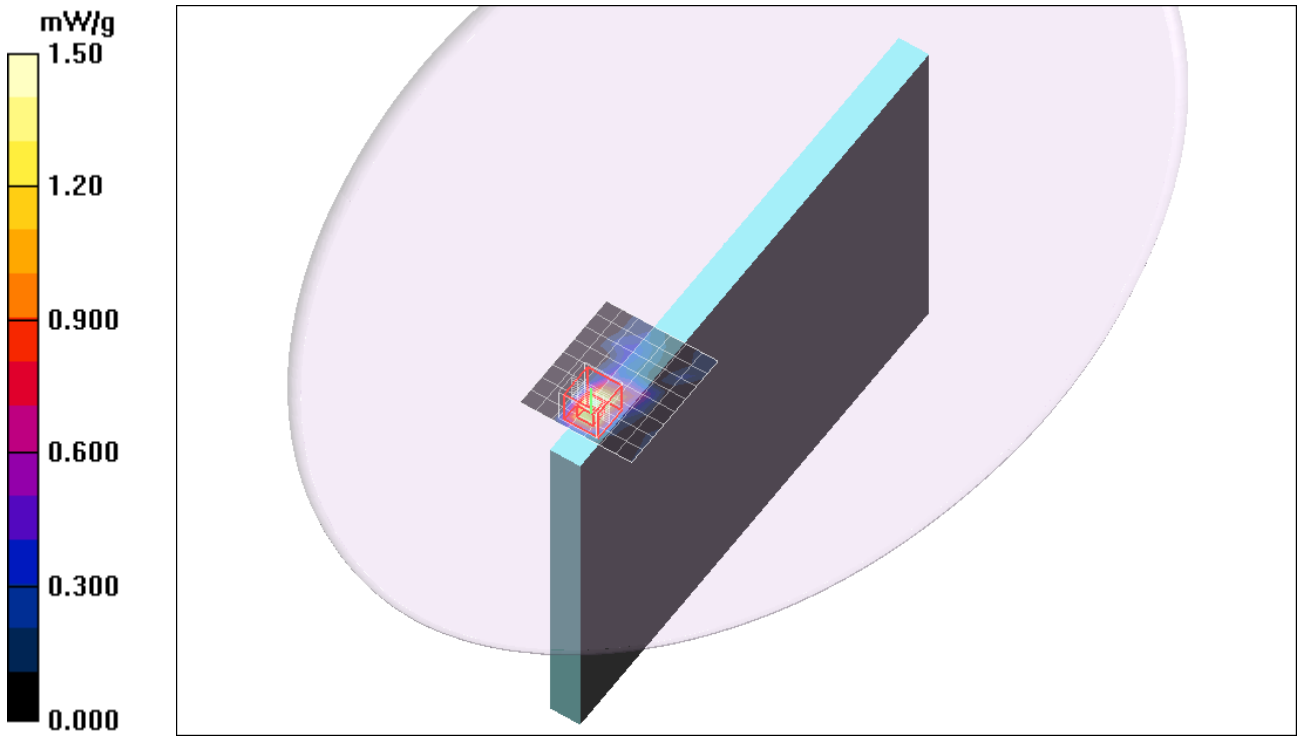
Frequency: 5210 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): f = 5210 MHz; σ = 5.09 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/16/2015
- Probe: EX3DV4 - SN3554; ConvF(3.85, 3.85, 3.85); Calibrated: 10/1/2015
- 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

Edge3/Aux Ant/802.11ac/ch42/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.54 mW/g

Edge3/Aux Ant/802.11ac/ch42/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.412 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 5.54 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.316 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.84 mW/g

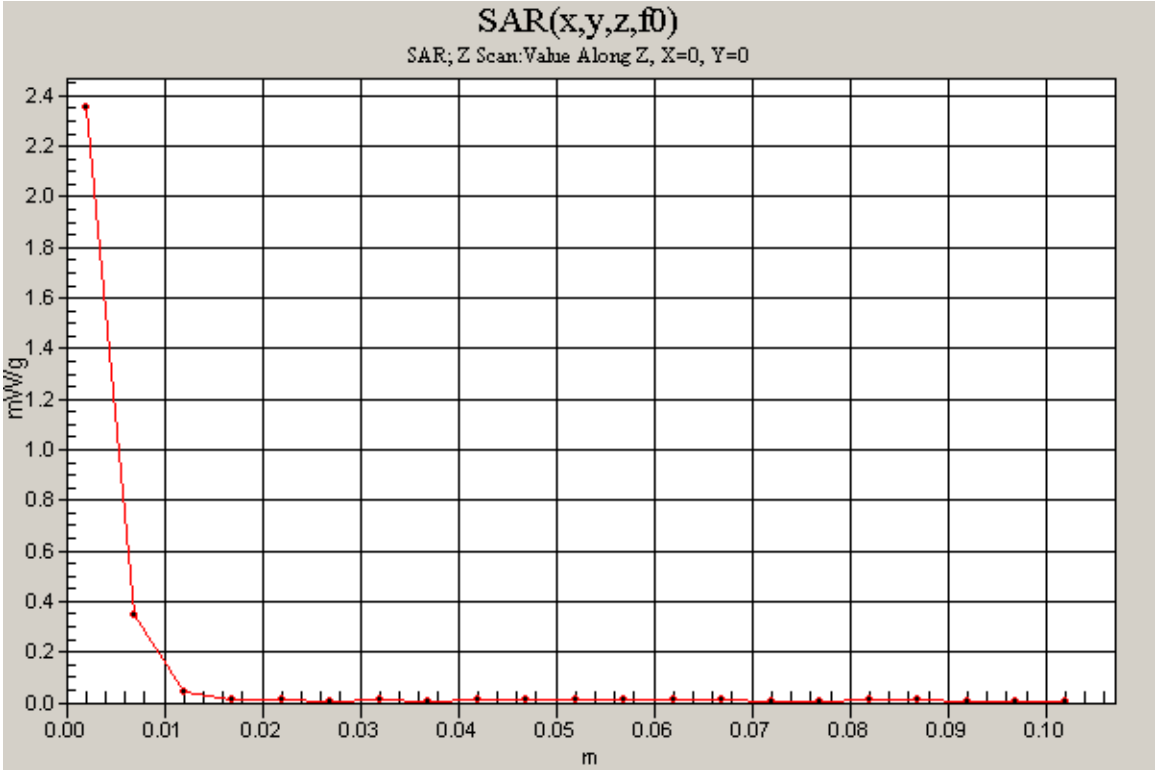


Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/15/2016

Wi-Fi 5GHz Band

Frequency: 5210 MHz; Duty Cycle: 1:1

Edge3/Aux Ant/802.11ac/ch42/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/15/2016

Wi-Fi 5GHz Band

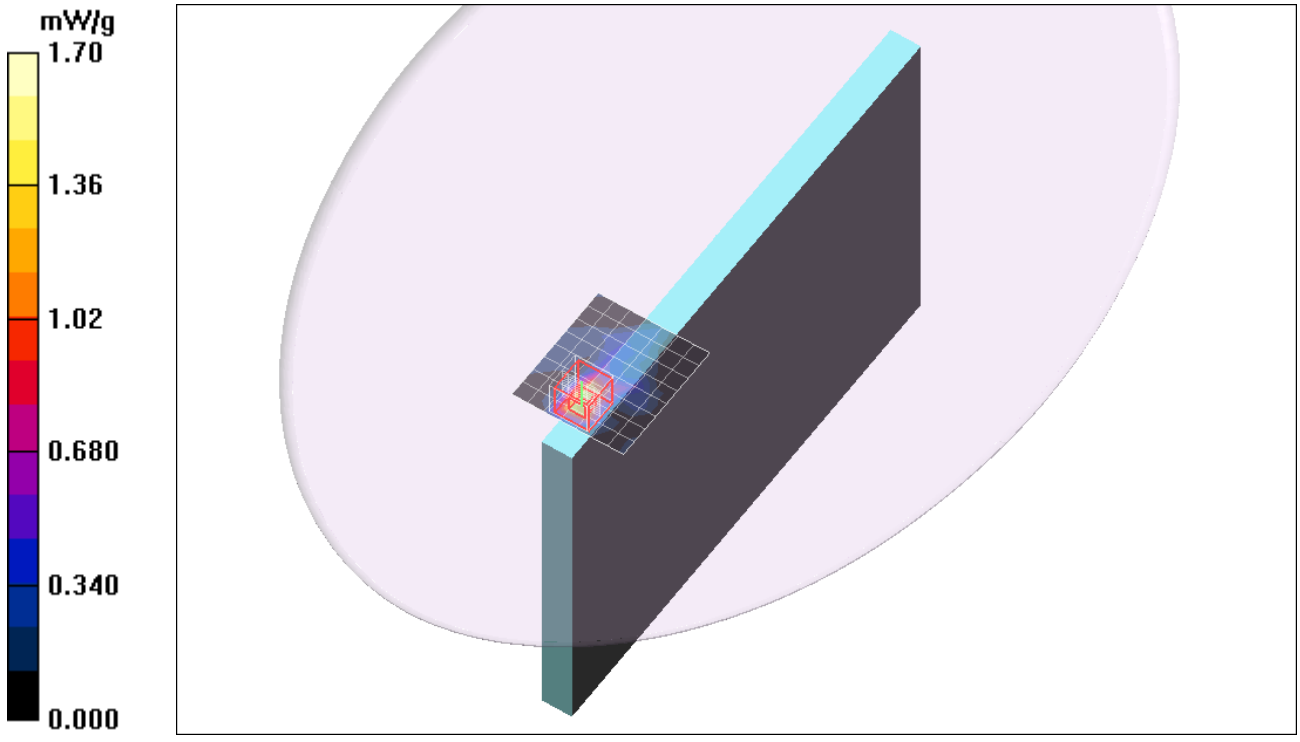
Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5290.3 MHz; σ = 5.2 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/16/2015
- Probe: EX3DV4 - SN3554; ConvF(3.66, 3.66, 3.66); Calibrated: 10/1/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge3/Aux Ant/802.11ac/ch58/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.39 mW/g

Edge3/Aux Ant/802.11ac/ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

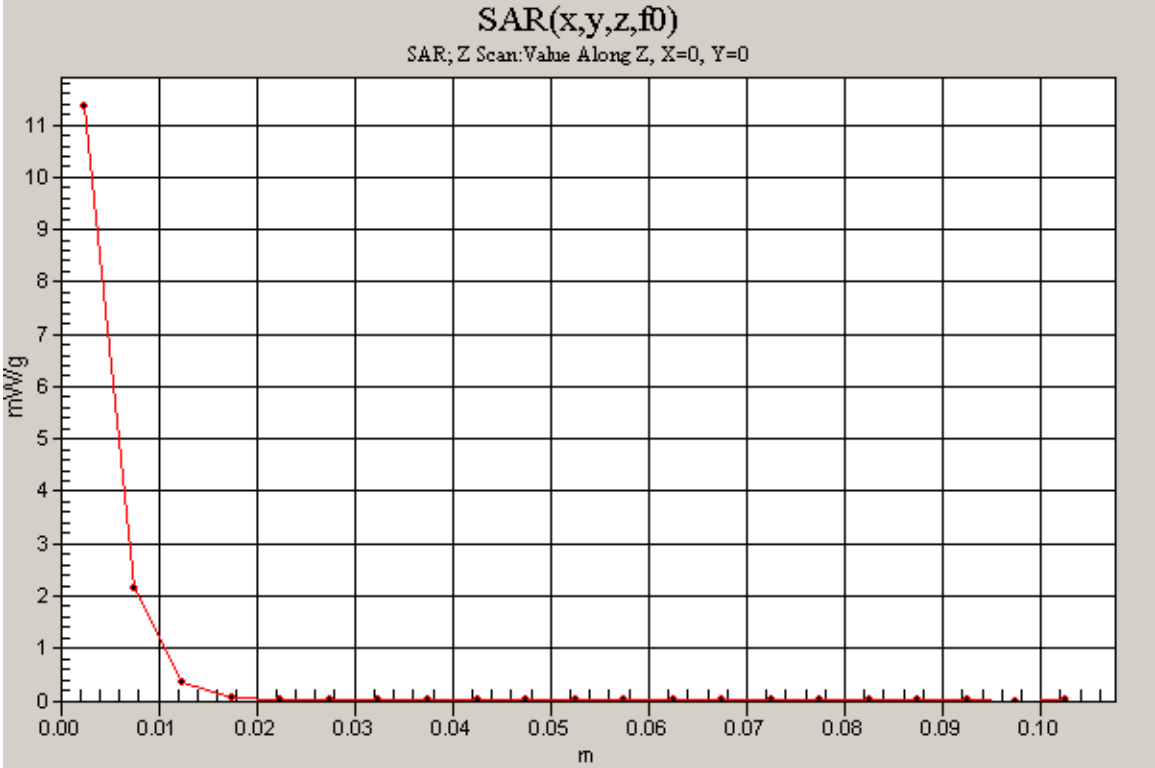
Reference Value = 0.457 V/m; Power Drift = 9.95 dB
Peak SAR (extrapolated) = 5.30 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 2.60 mW/g



Wi-Fi 5GHz Band

Frequency: 5290 MHz; Duty Cycle: 1:1

Edge3/Aux Ant/802.11ac/ch58/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.010 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/15/2016

Wi-Fi 5GHz Band

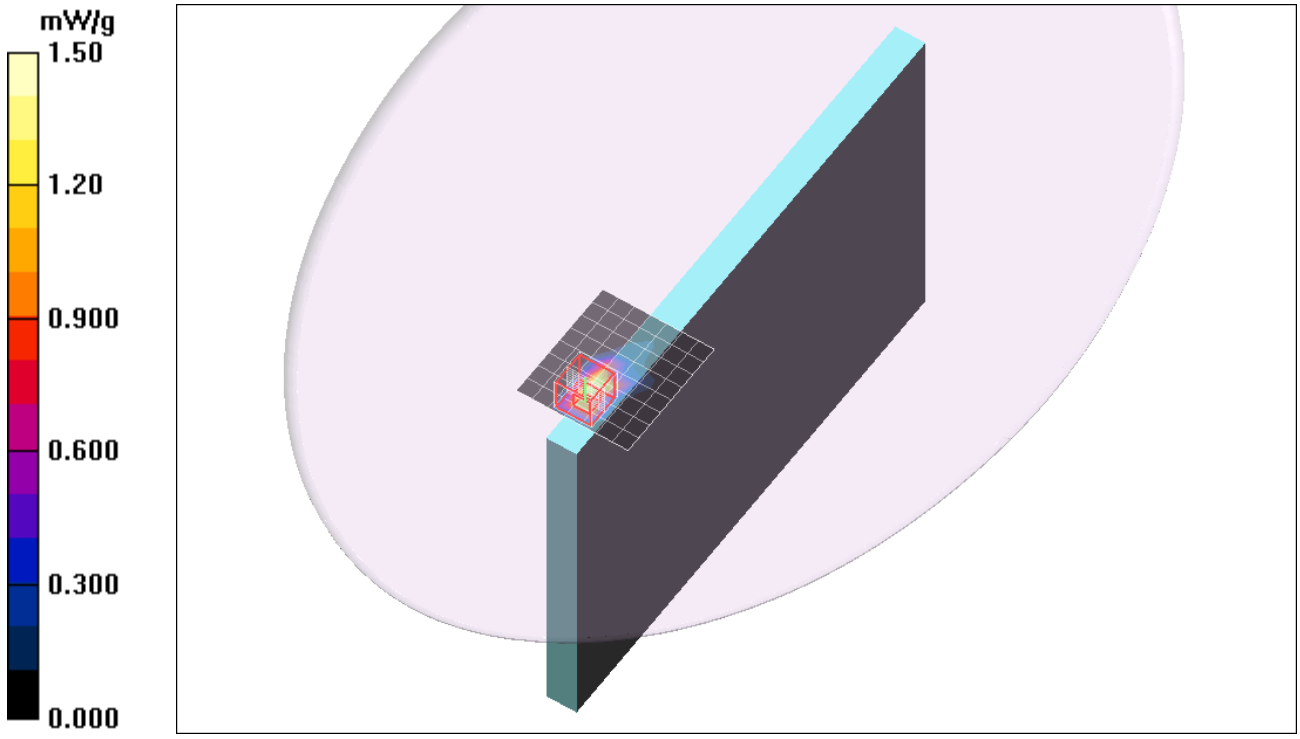
Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5610.4 MHz; σ = 5.63 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/16/2015
- Probe: EX3DV4 - SN3554; ConvF(3.17, 3.17, 3.17); Calibrated: 10/1/2015
- 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

Edge3/Aux Ant/802.11ac/ch106/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm

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

Edge3/Aux Ant/802.11ac/ch106/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

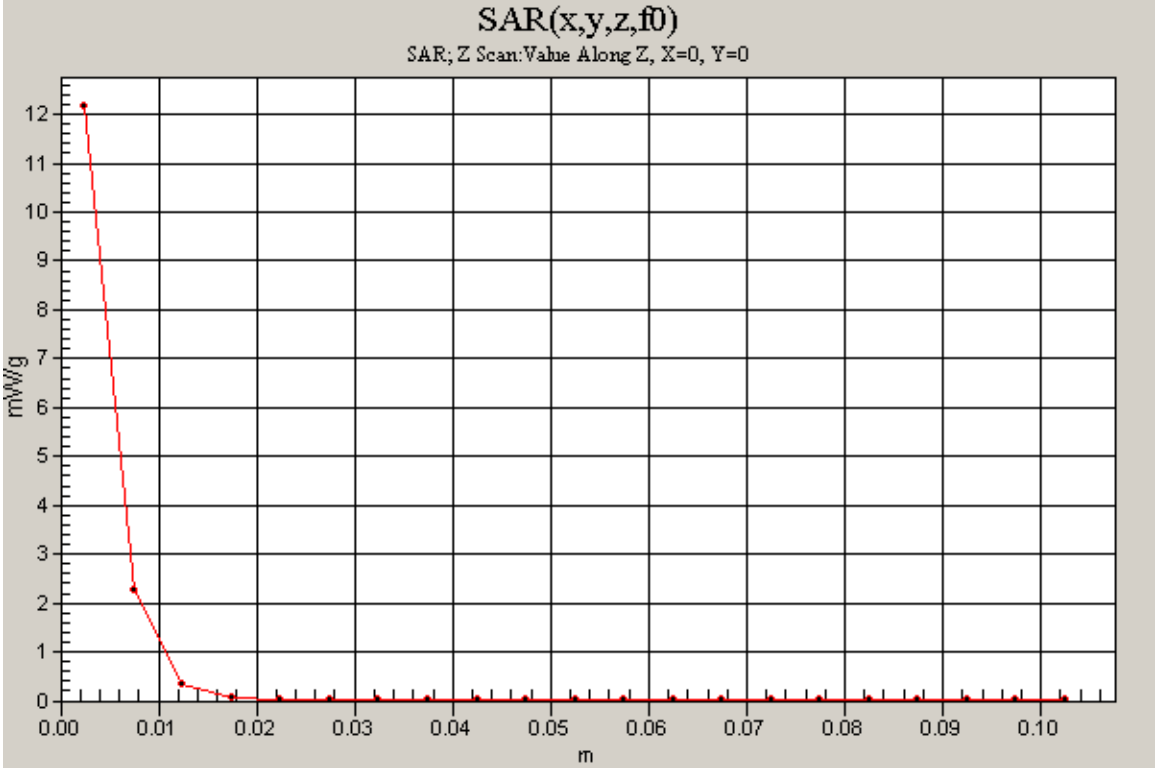
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 5.31 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 2.25 mW/g



Wi-Fi 5GHz Band

Frequency: 5610 MHz; Duty Cycle: 1:1

Edge3/Aux Ant/802.11ac/ch106/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.436 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 4/15/2016

Wi-Fi 5GHz Band

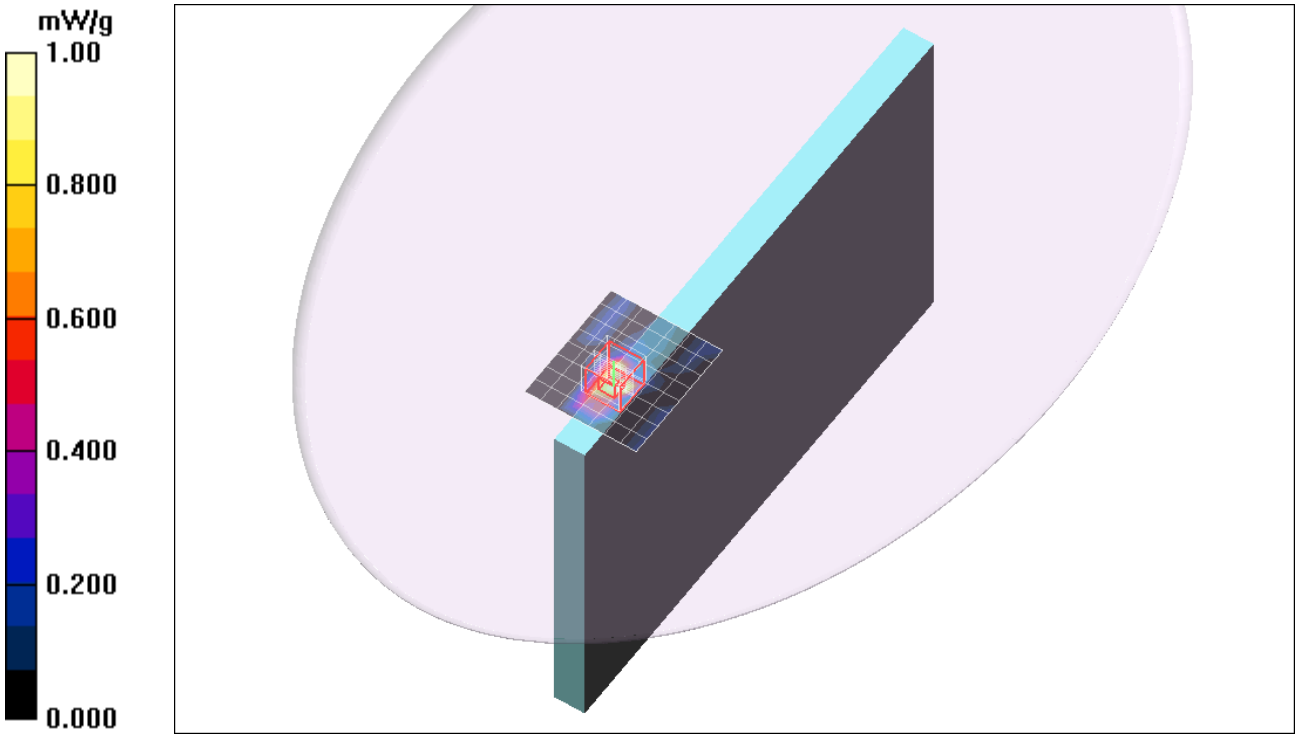
Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5775.4 MHz; σ = 5.85 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/16/2015
- Probe: EX3DV4 - SN3554; ConvF(3.37, 3.37, 3.37); Calibrated: 10/1/2015
- 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

Edge3/Aux Ant/802.11ac/ch155/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.10 mW/g

Edge3/Aux Ant/802.11ac/ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 3.96 W/kg
SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 2.06 mW/g



Wi-Fi 5GHz Band

Frequency: 5775 MHz; Duty Cycle: 1:1

Edge3/Aux Ant/802.11ac/ch155/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.012 mW/g