Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5180 MHz; σ = 5.412 mho/m; ε_r = 47.526; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 36/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

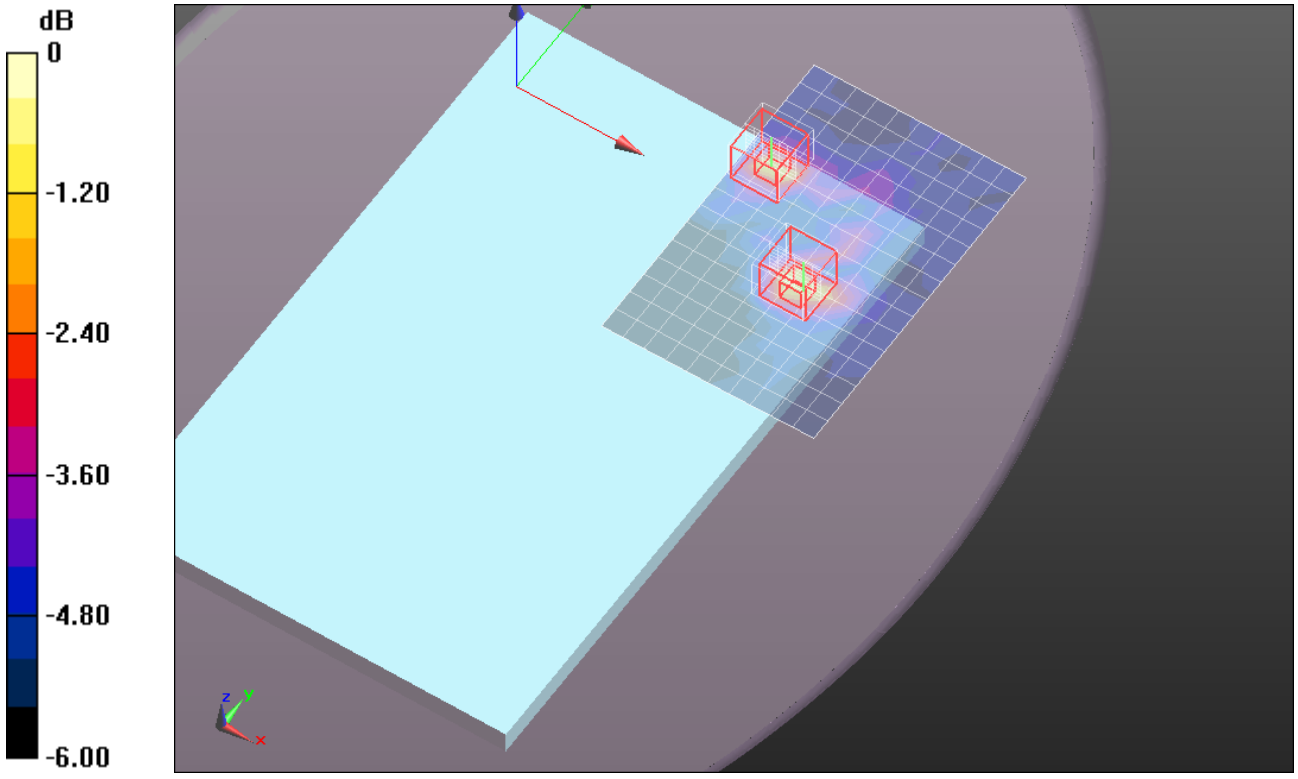
Maximum value of SAR (measured) = 0.861 mW/g

Rear/Touch/802.11a/Main Ant/Ch 36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.597 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 5.8910
SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 1.342 mW/g

Rear/Touch/802.11a/Main Ant/Ch 36/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.597 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.6170
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 1.005 mW/g



0 dB = 1.000mW/g = 0 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

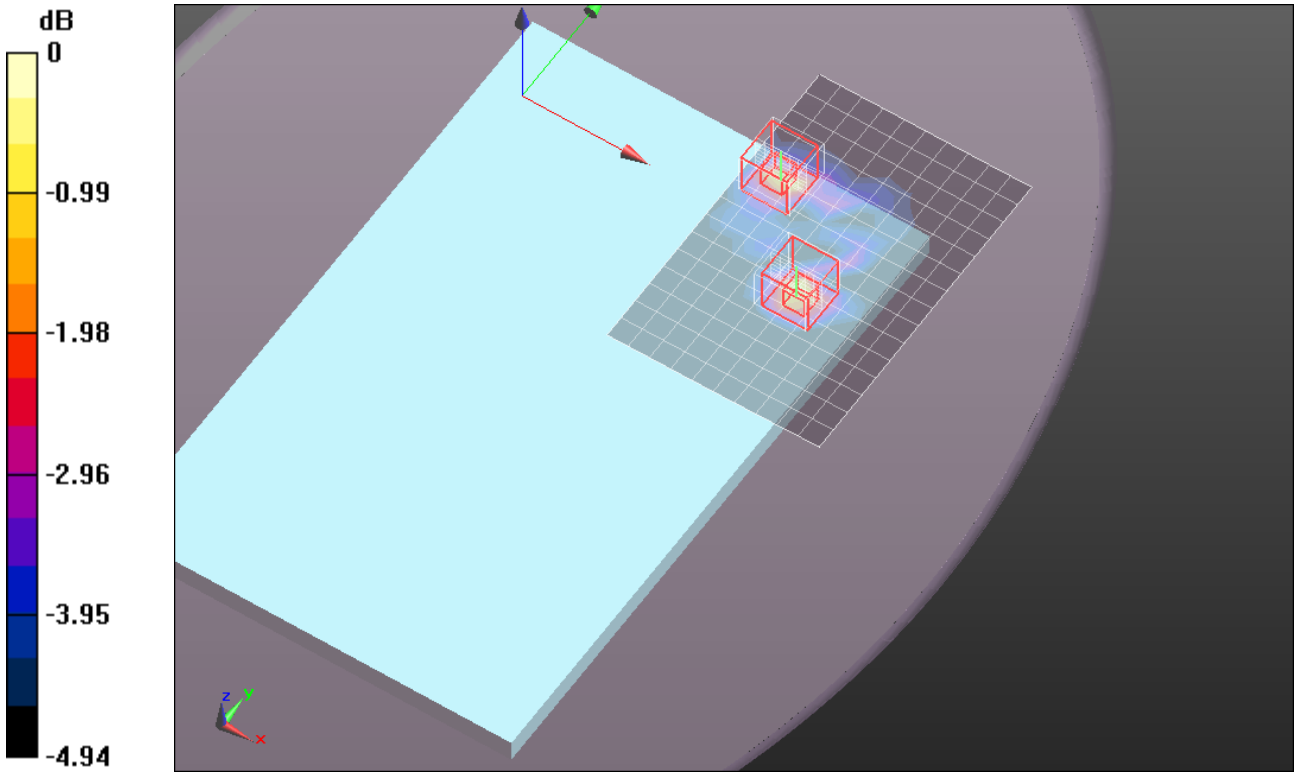
WiFi 5.2 GHz Band

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5240 MHz; σ = 5.462 mho/m; ε_r = 47.476; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 48/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.901 mW/g

Rear/Touch/802.11a/Main Ant/Ch 48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 14.150 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 5.2900
SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 1.392 mW/g

Rear/Touch/802.11a/Main Ant/Ch 48/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 14.150 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.6440
SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.472 mW/g
Maximum value of SAR (measured) = 1.005 mW/g



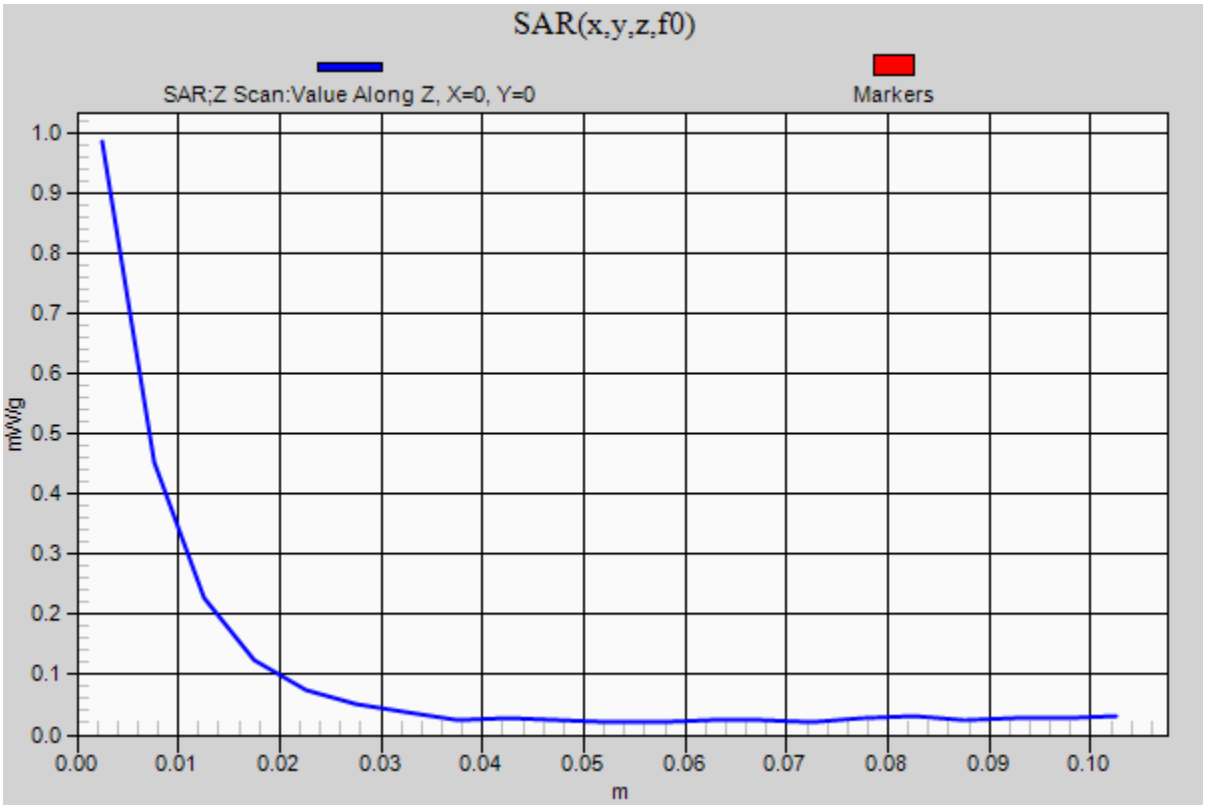
0 dB = 1.000mW/g = 0 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

Frequency: 5240 MHz; Duty Cycle: 1:1

Rear/Touch/802.11a/Main Ant/Ch 48/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.984 mW/g



Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

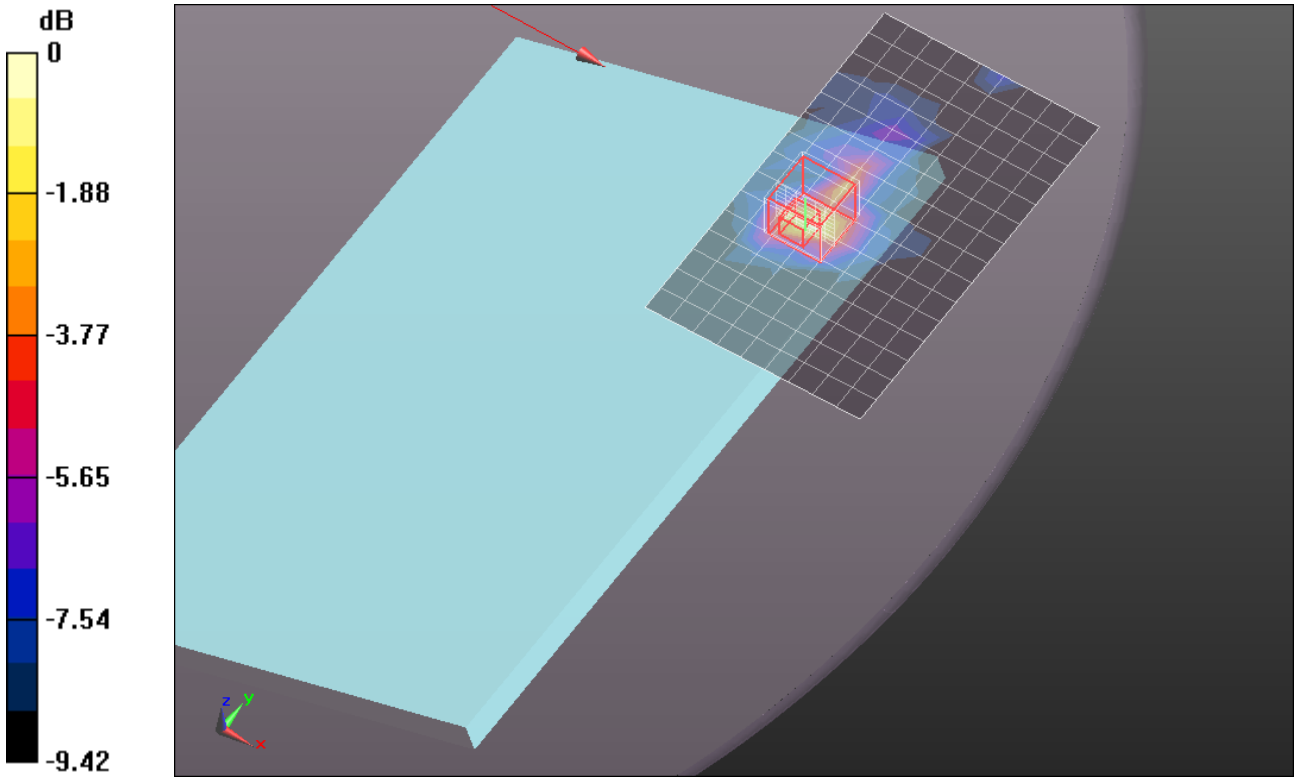
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5180 MHz; σ = 5.412 mho/m; ε_r = 47.526; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 36/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.269 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 36/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.268 V/m; Power Drift = 0.160 dB
Peak SAR (extrapolated) = 3.9360
SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 1.489 mW/g



0 dB = 1.490mW/g = 3.46 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

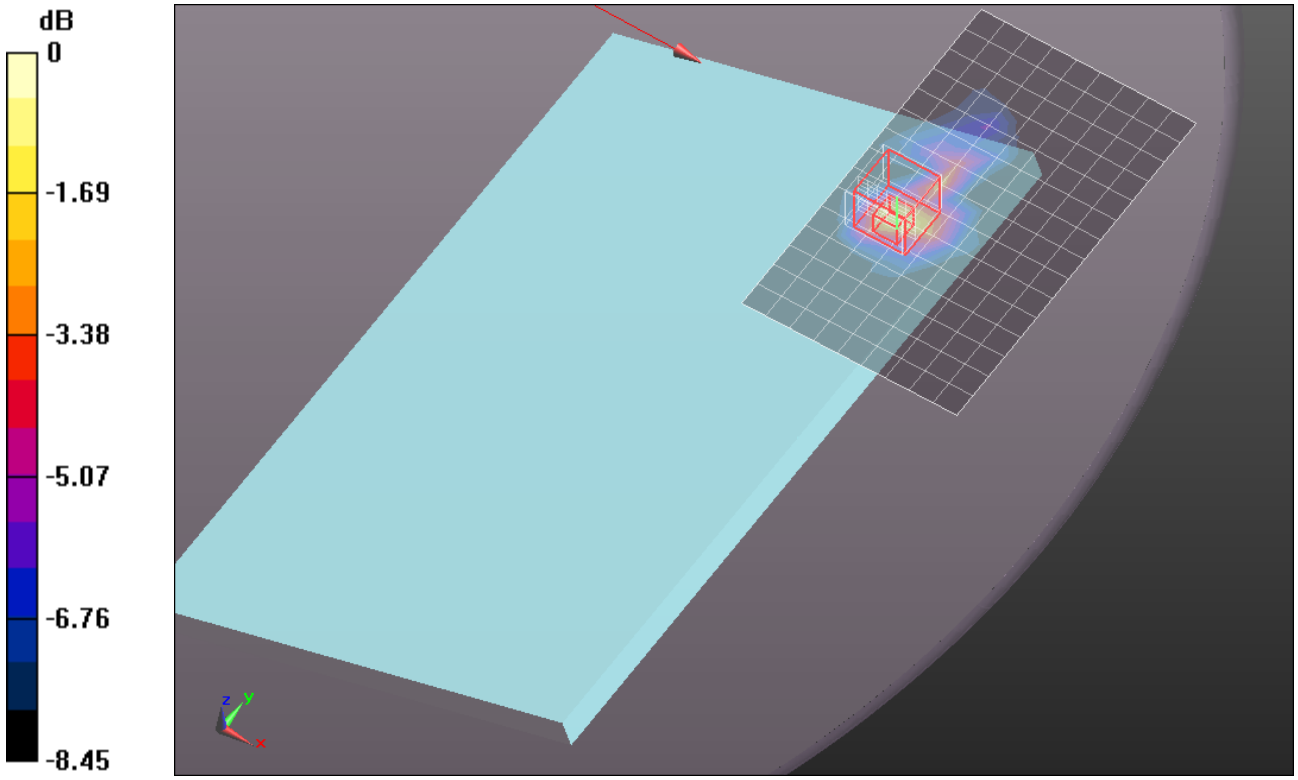
Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5240 MHz; σ = 5.462 mho/m; ε_r = 47.476; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 48/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.093 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 48/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.247 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 4.8240
SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.410 mW/g
Maximum value of SAR (measured) = 1.475 mW/g



0 dB = 1.480mW/g = 3.41 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

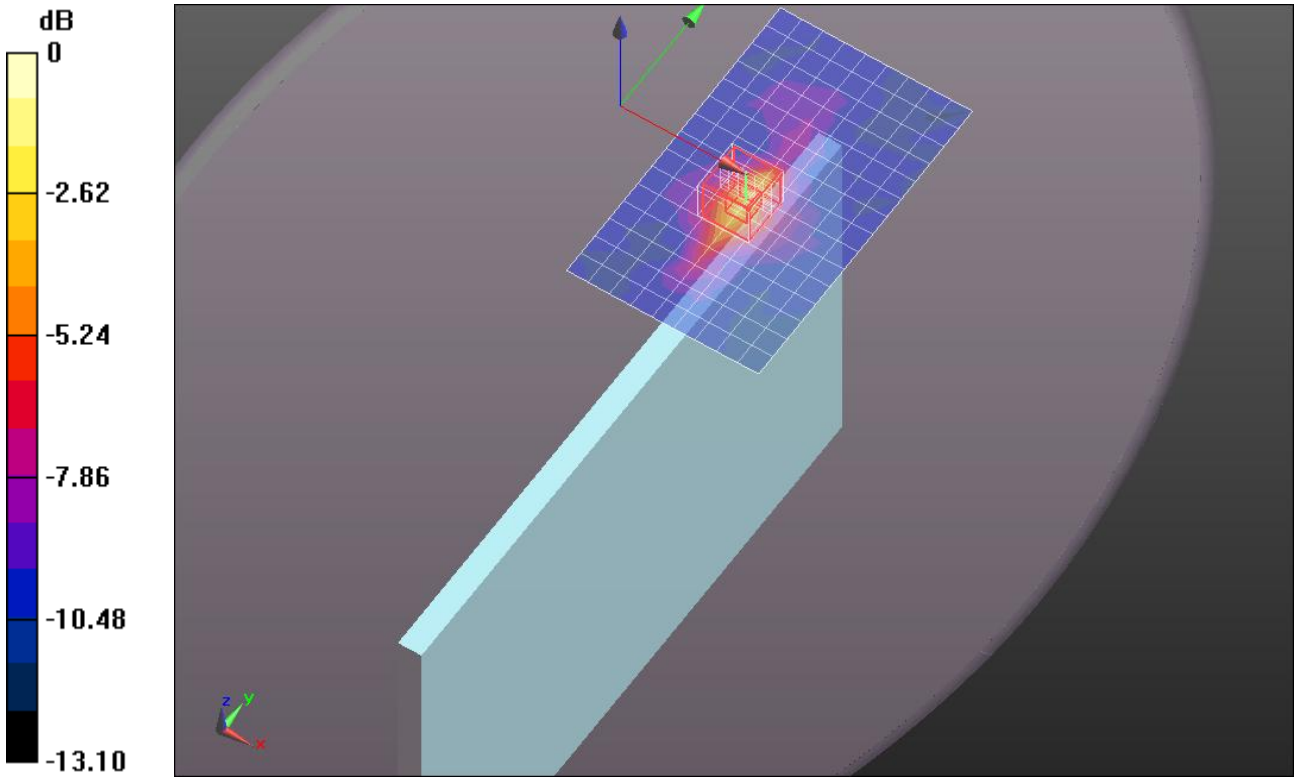
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5180 MHz; σ = 5.412 mho/m; ε_r = 47.526; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 36/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.802 mW/g

Edge 1/802.11a/Main Ant/Ch 36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.581 V/m; Power Drift = 0.168 dB
Peak SAR (extrapolated) = 2.7760
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 1.200 mW/g



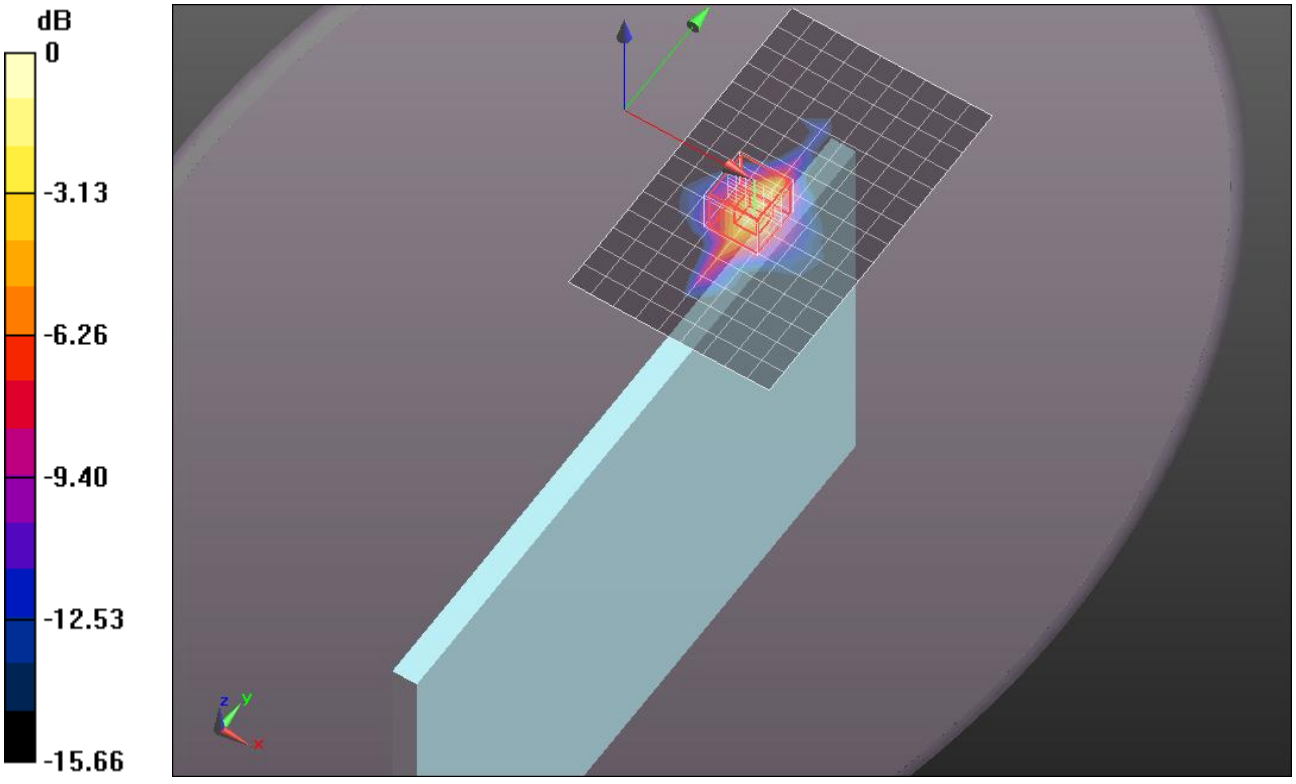
Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5240 MHz; σ = 5.462 mho/m; ε_r = 47.476; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 48/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.137 mW/g

Edge 1/802.11a/Main Ant/Ch 48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 17.829 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 3.8170
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.343 mW/g
Maximum value of SAR (measured) = 1.453 mW/g



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

Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

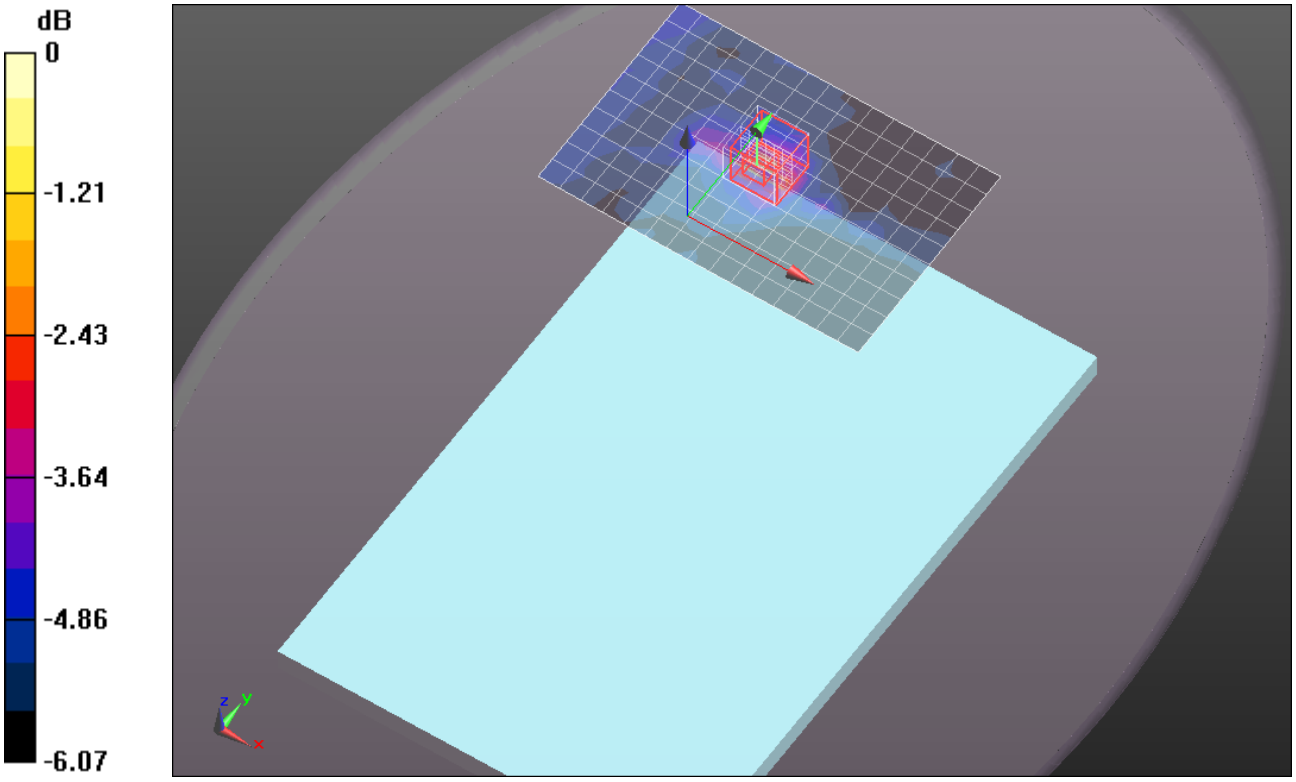
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5180 MHz; σ = 5.412 mho/m; ε_r = 47.526; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 36 2/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.924 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 36 2/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.652 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.4190
SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.483 mW/g
Maximum value of SAR (measured) = 1.080 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g

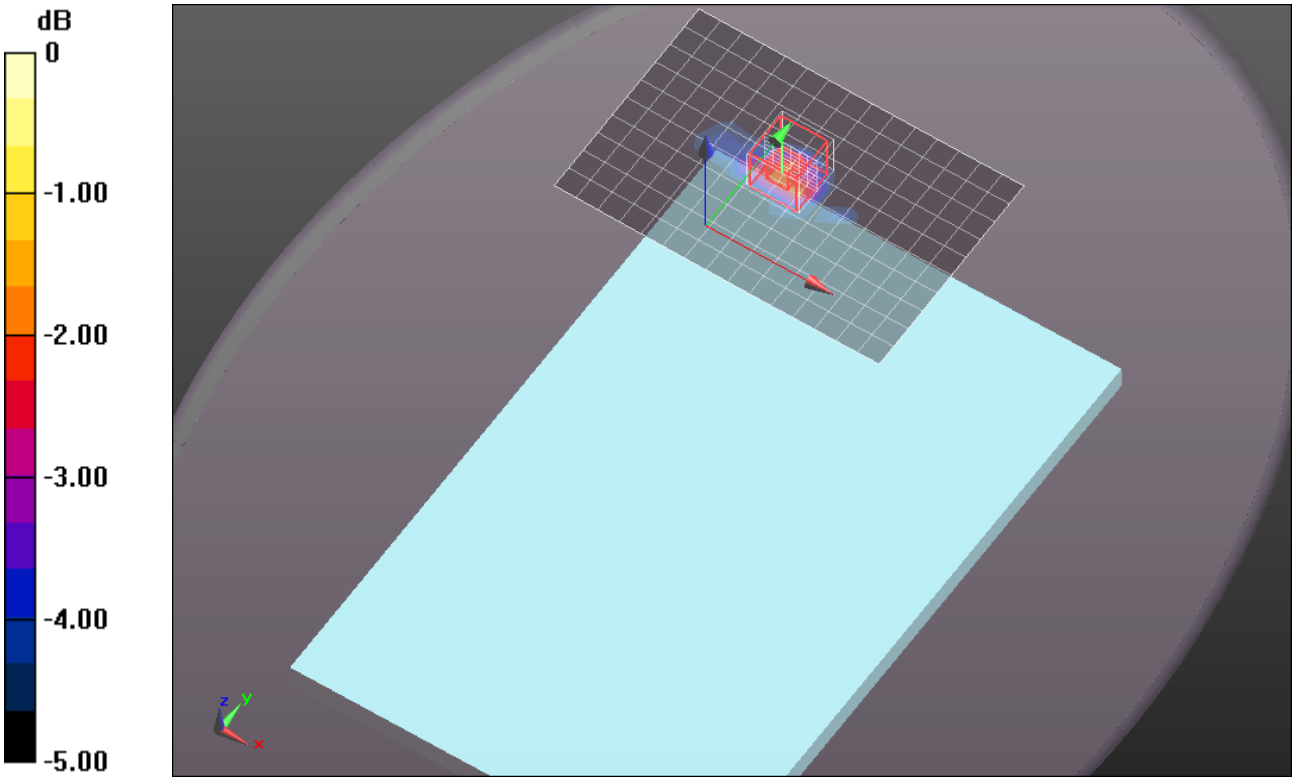
Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5240 MHz; σ = 5.462 mho/m; ε_r = 47.476; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 48/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.714 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.188 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.3010
SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 1.040 mW/g



0 dB = 1.040mW/g = 0.34 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/2/2012

WiFi 5.2 GHz Band

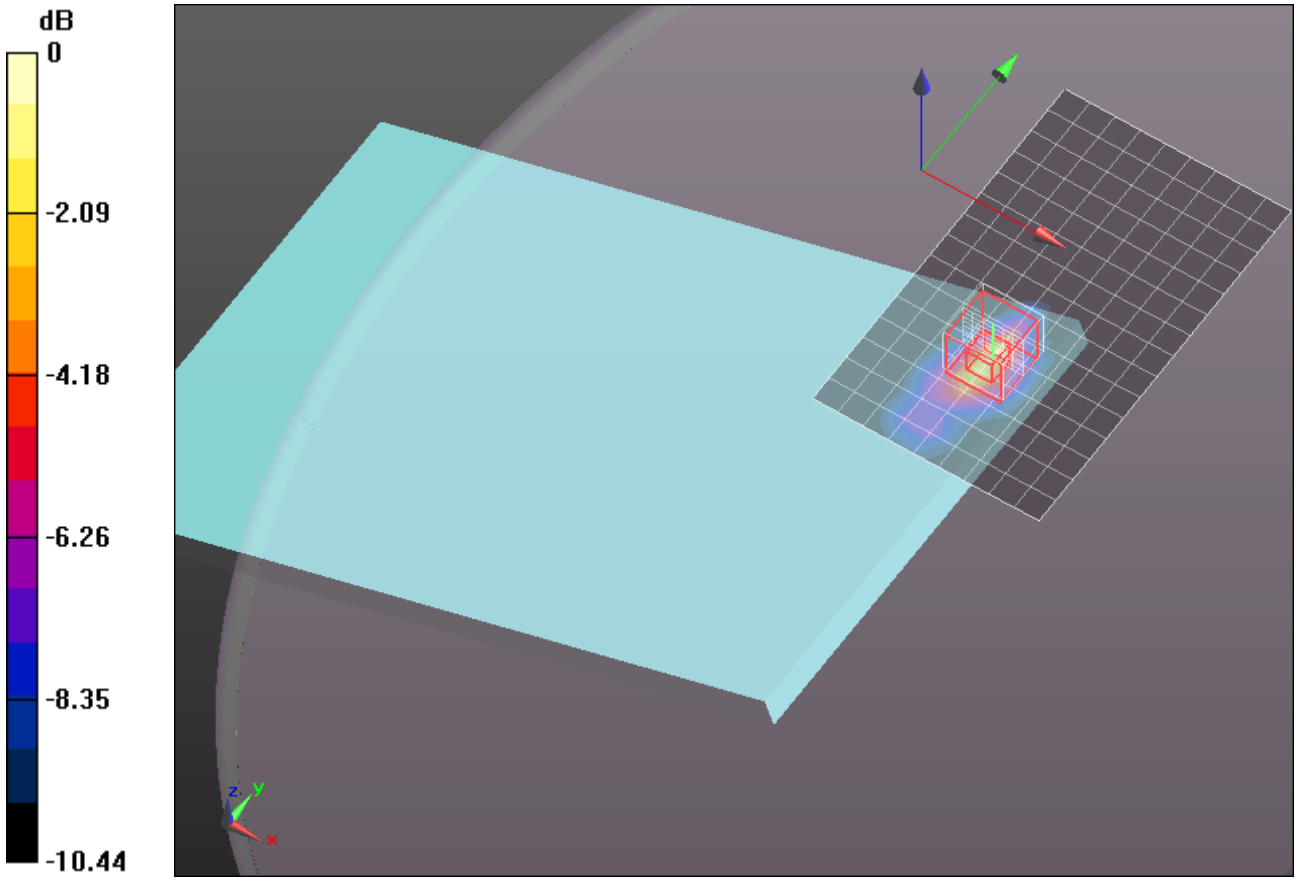
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5180 MHz; σ = 5.412 mho/m; ε_r = 47.526; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 36/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.037 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 36/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.692 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 3.1250
SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.325 mW/g
Maximum value of SAR (measured) = 1.376 mW/g



0 dB = 1.380mW/g = 2.80 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.2 GHz Band

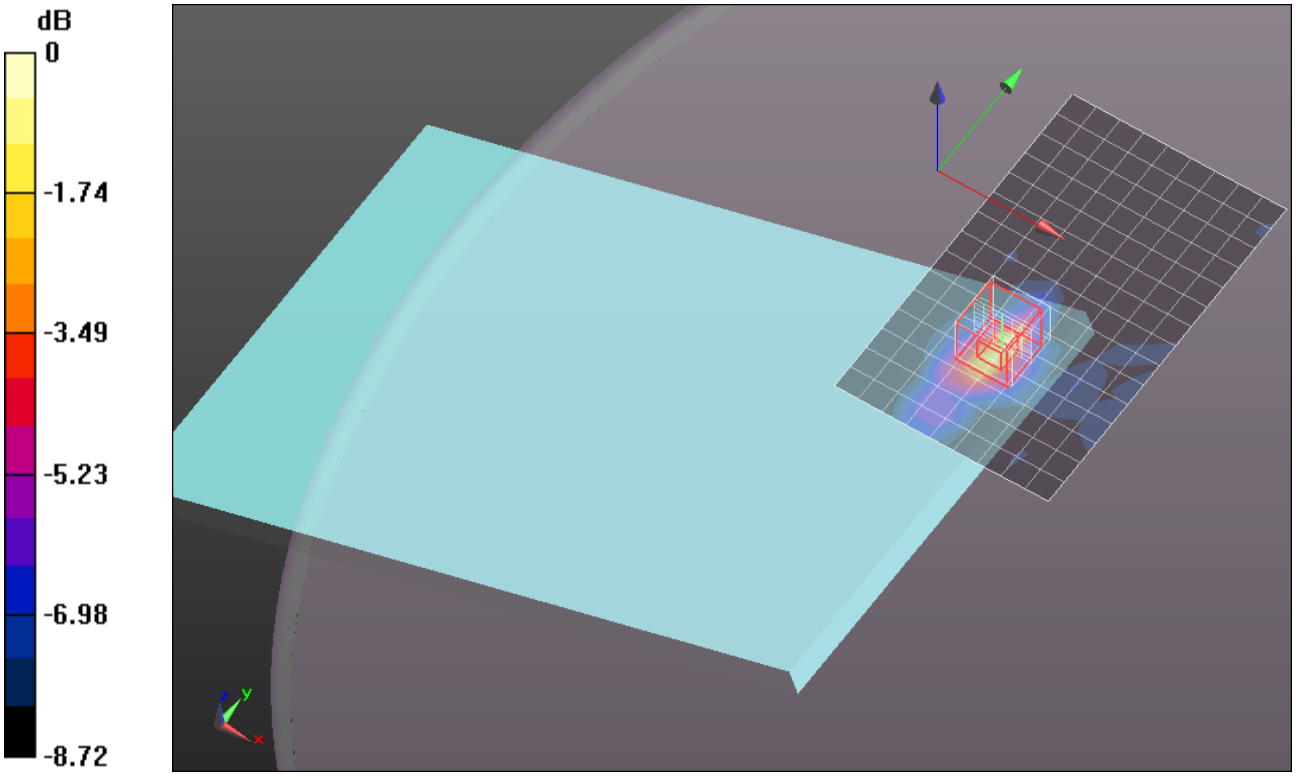
Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5240 MHz; σ = 5.462 mho/m; ε_r = 47.476; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 48/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.039 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 48/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.066 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.9490
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.363 mW/g
Maximum value of SAR (measured) = 1.272 mW/g



0 dB = 1.270mW/g = 2.08 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.2 GHz Band

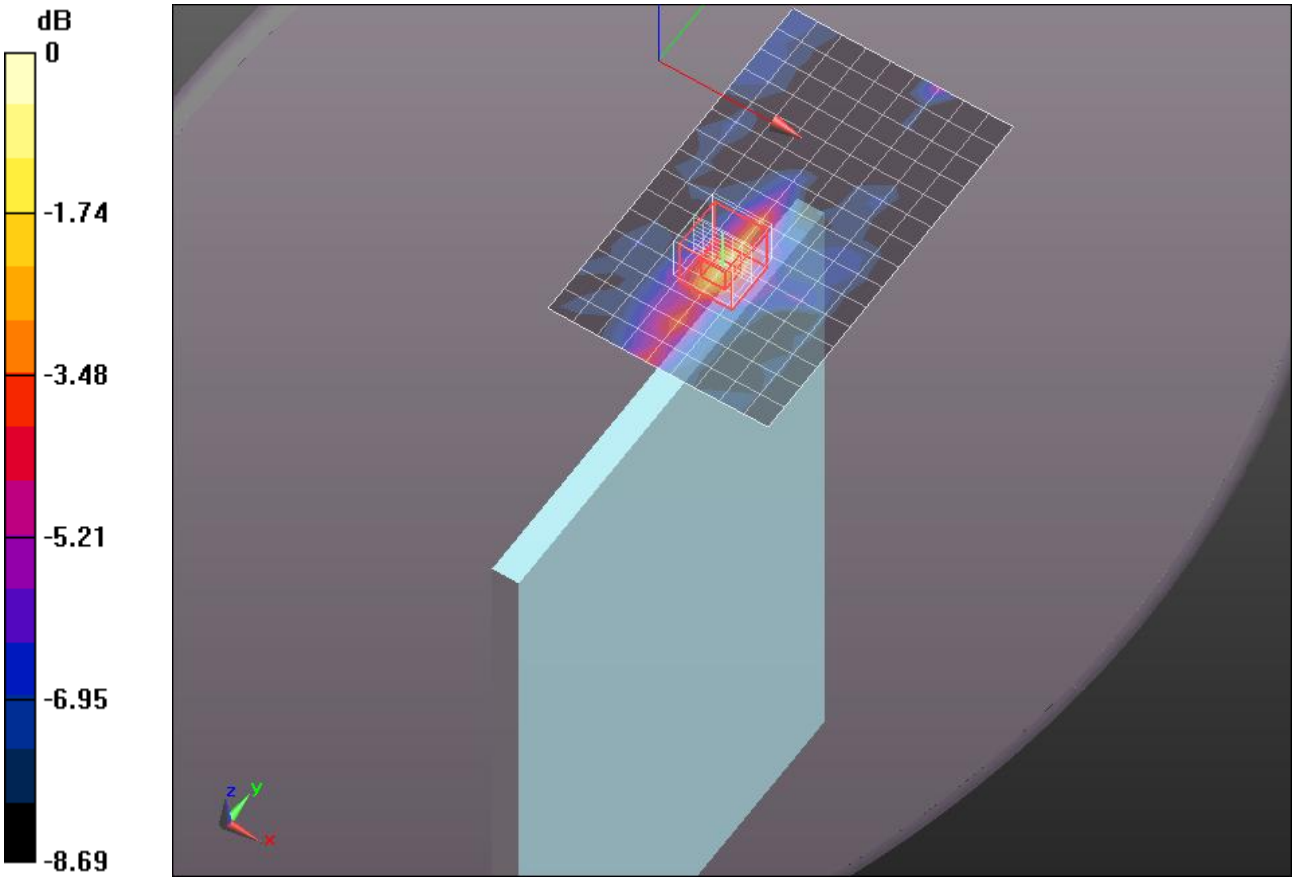
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5180 MHz; σ = 5.412 mho/m; ε_r = 47.526; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 36/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.561 mW/g

Edge 2/802.11a/Aux Ant/Ch 36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.220 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.5010
SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.600mW/g = -4.44 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.2 GHz Band

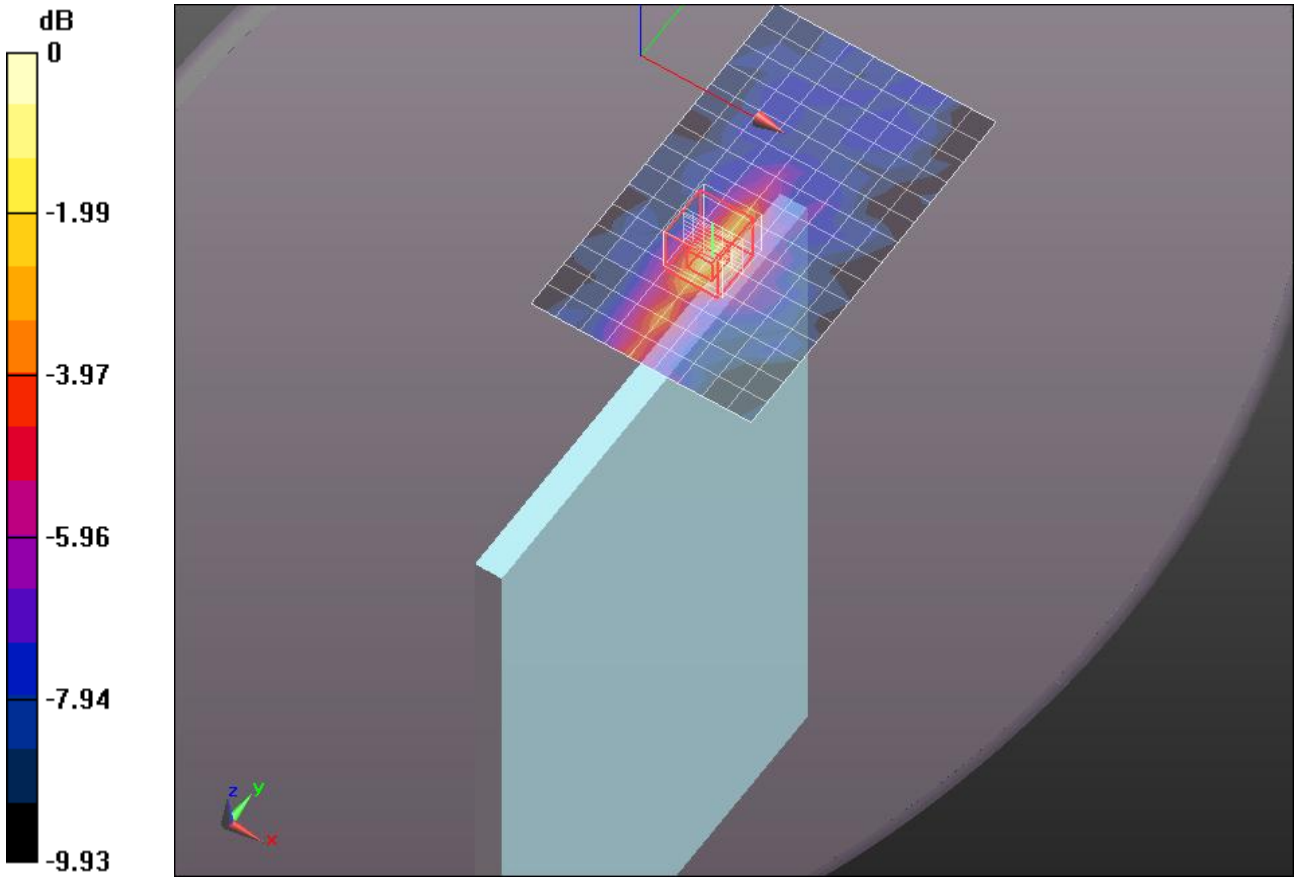
Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5240 MHz; σ = 5.462 mho/m; ε_r = 47.476; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 48/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.576 mW/g

Edge 2/802.11a/Aux Ant/Ch 48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.945 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 1.9450
SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.595 mW/g



0 dB = 0.600mW/g = -4.44 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

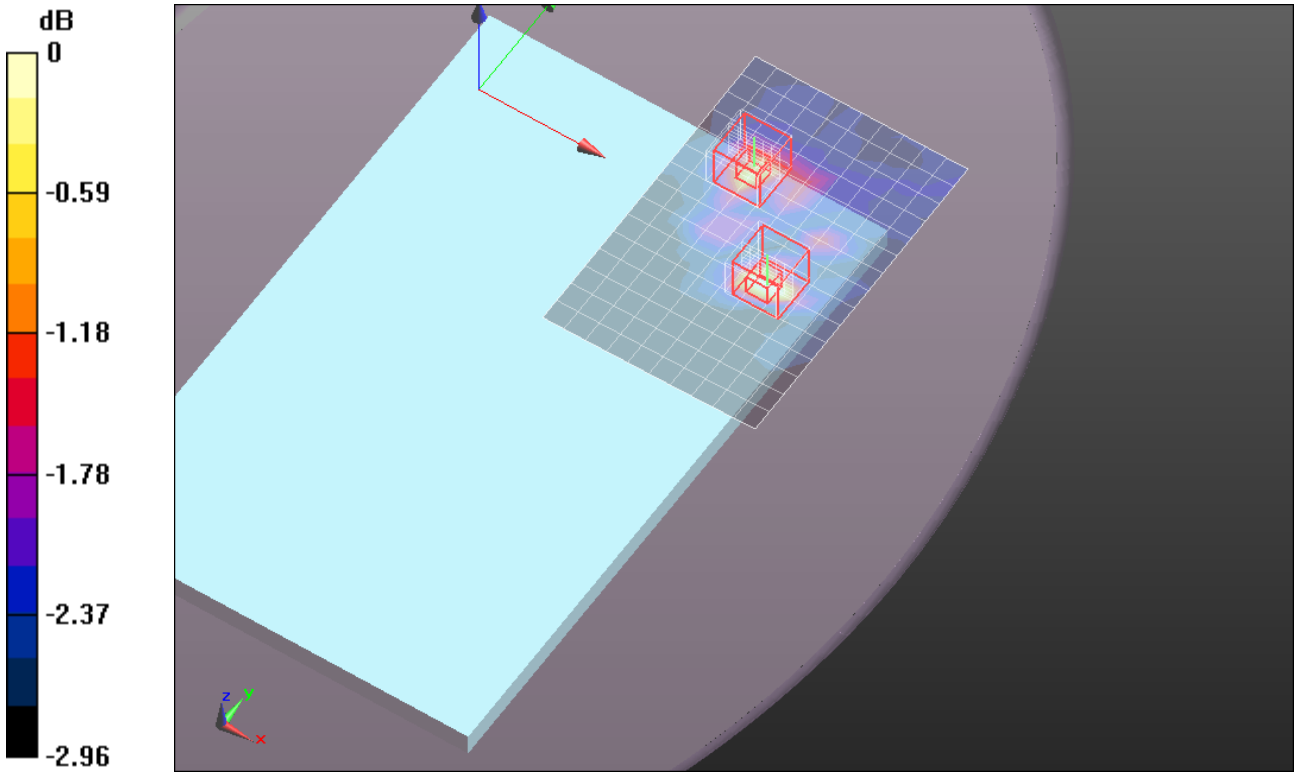
WiFi 5.3 GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.183 mho/m; ε_r = 47.78; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 52/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.025 mW/g

Rear/Touch/802.11a/Main Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.677 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 2.0540
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.069 mW/g

Rear/Touch/802.11a/Main Ant/Ch 52/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.677 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 1.6140
SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.615 mW/g
Maximum value of SAR (measured) = 0.936 mW/g



0 dB = 0.940mW/g = -0.54 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

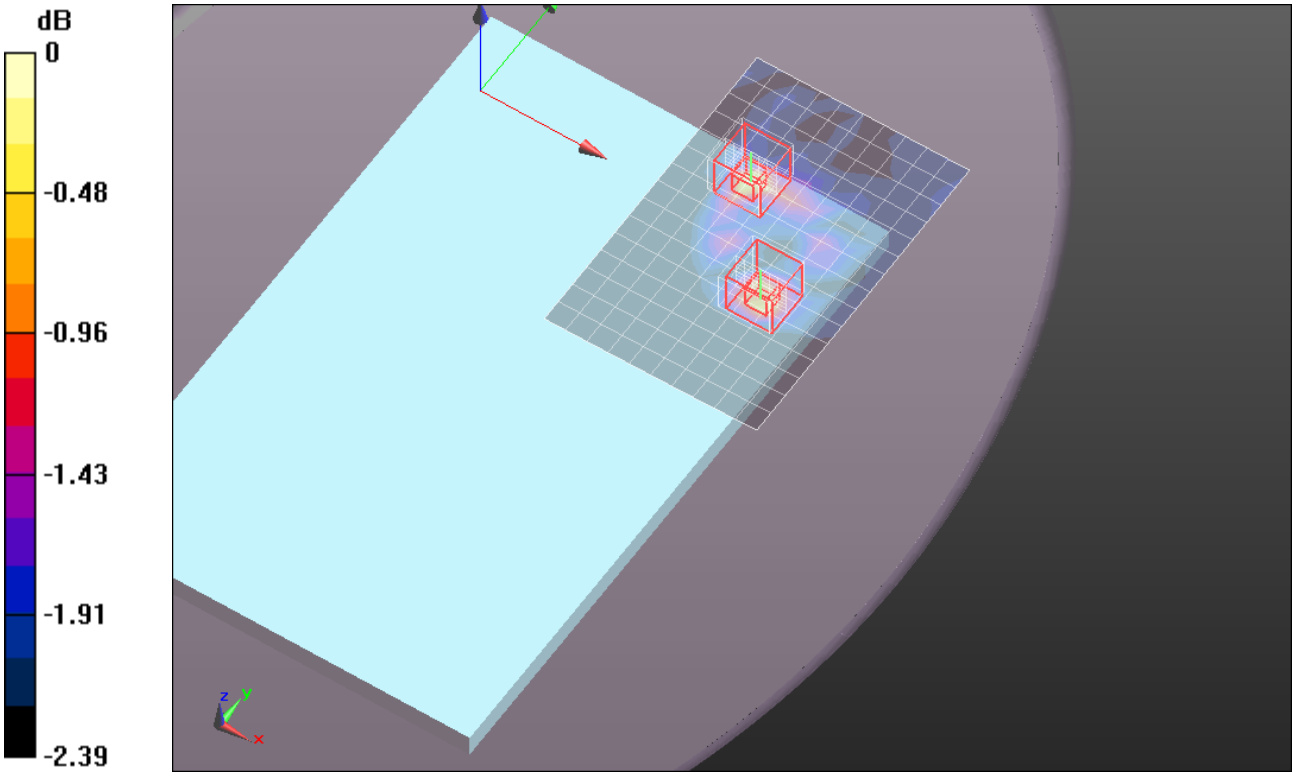
WiFi 5.3 GHz Band

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.251 mho/m; ε_r = 47.554; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 64/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.854 mW/g

Rear/Touch/802.11a/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.631 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.8450
SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.637 mW/g
Maximum value of SAR (measured) = 1.028 mW/g

Rear/Touch/802.11a/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.631 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.2660
SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.624 mW/g
Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.860mW/g = -1.31 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.3 GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.298 mho/m; ε_r = 47.369; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 52/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

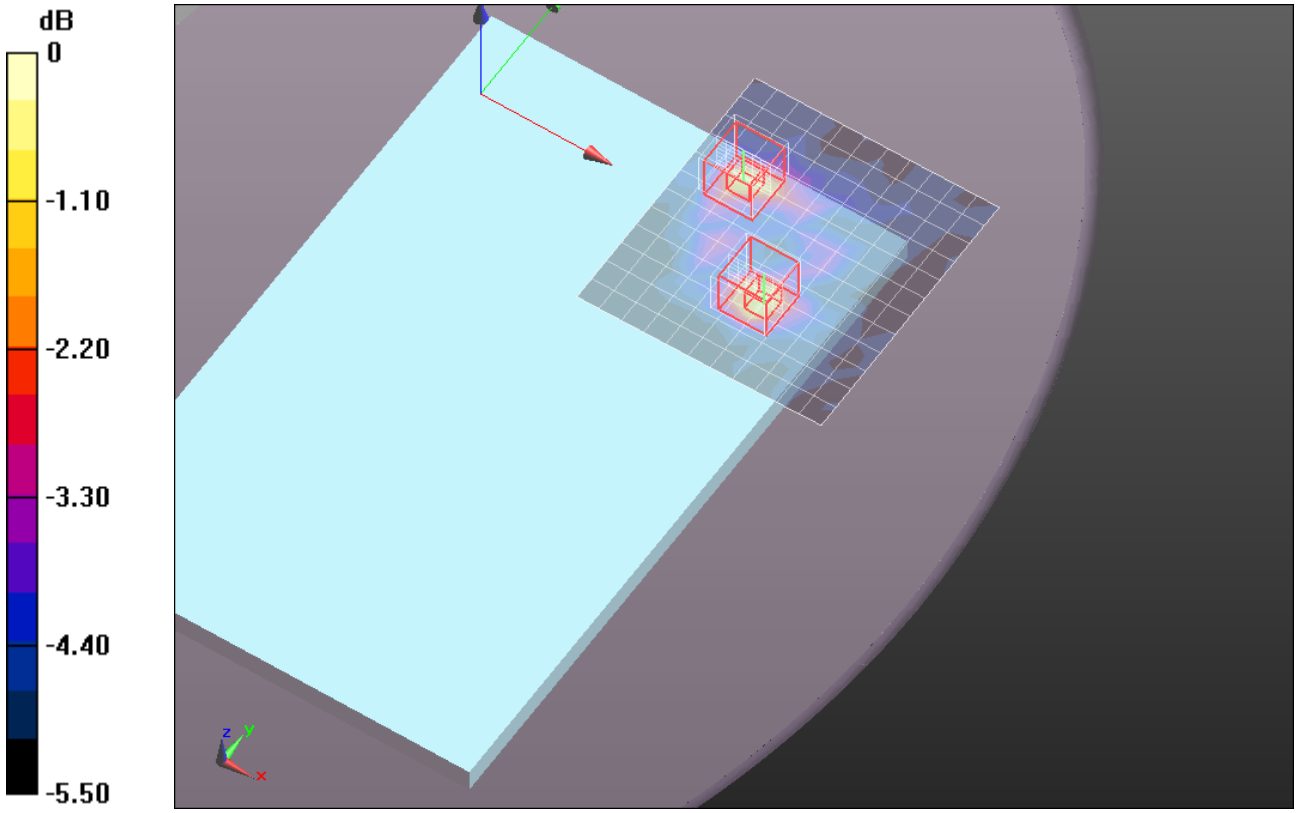
Maximum value of SAR (measured) = 0.921 mW/g

Rear/Touch/802.11a/Main Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.859 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 3.4340
SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.514 mW/g
Maximum value of SAR (measured) = 1.437 mW/g

Rear/Touch/802.11a/Main Ant/Ch 52/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.859 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 2.3890
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.480 mW/g
Maximum value of SAR (measured) = 1.078 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.251 mho/m; ε_r = 47.554; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11n HT20/Main Ant/Ch 64/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

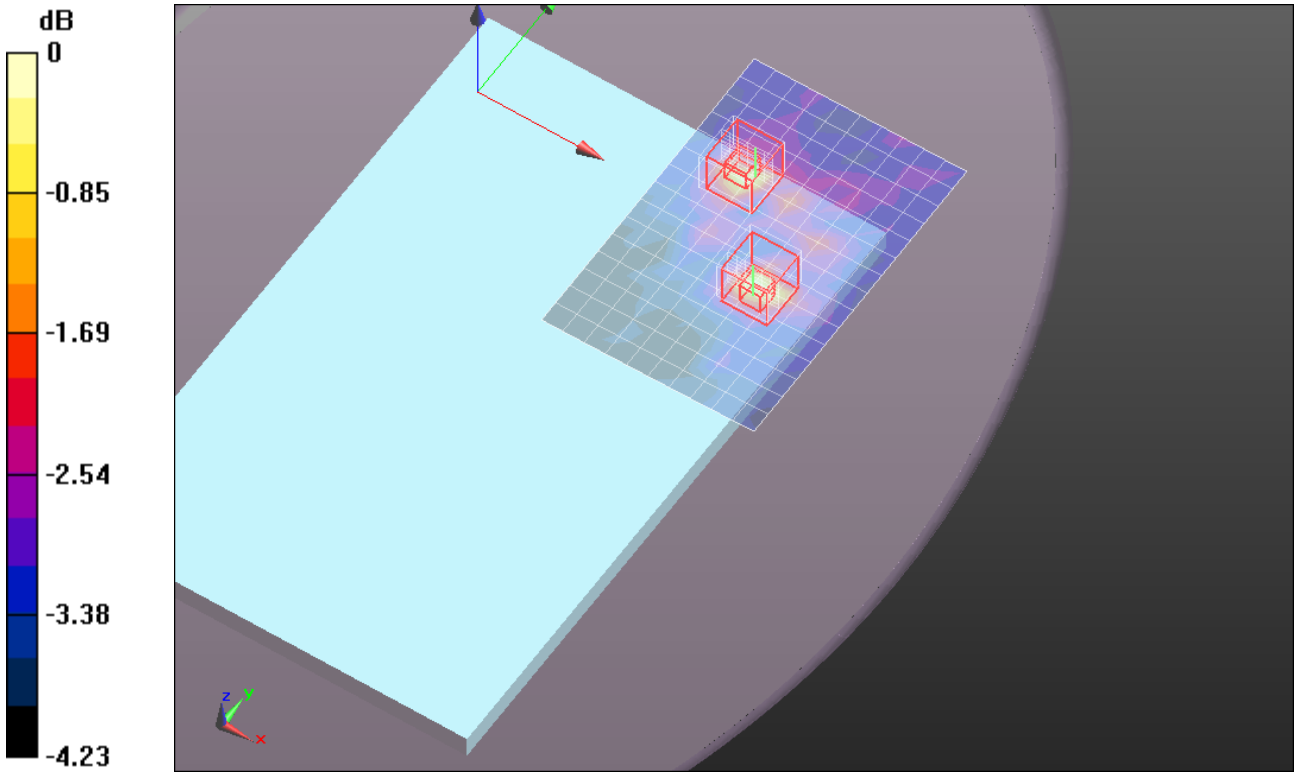
Maximum value of SAR (measured) = 0.974 mW/g

Rear/Touch/802.11n HT20/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.114 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.2740
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.252 mW/g
Maximum value of SAR (measured) = 1.239 mW/g

Rear/Touch/802.11n HT20/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.114 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 5.4190
SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.978 mW/g



0 dB = 0.980mW/g = -0.18 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.3 GHz Band

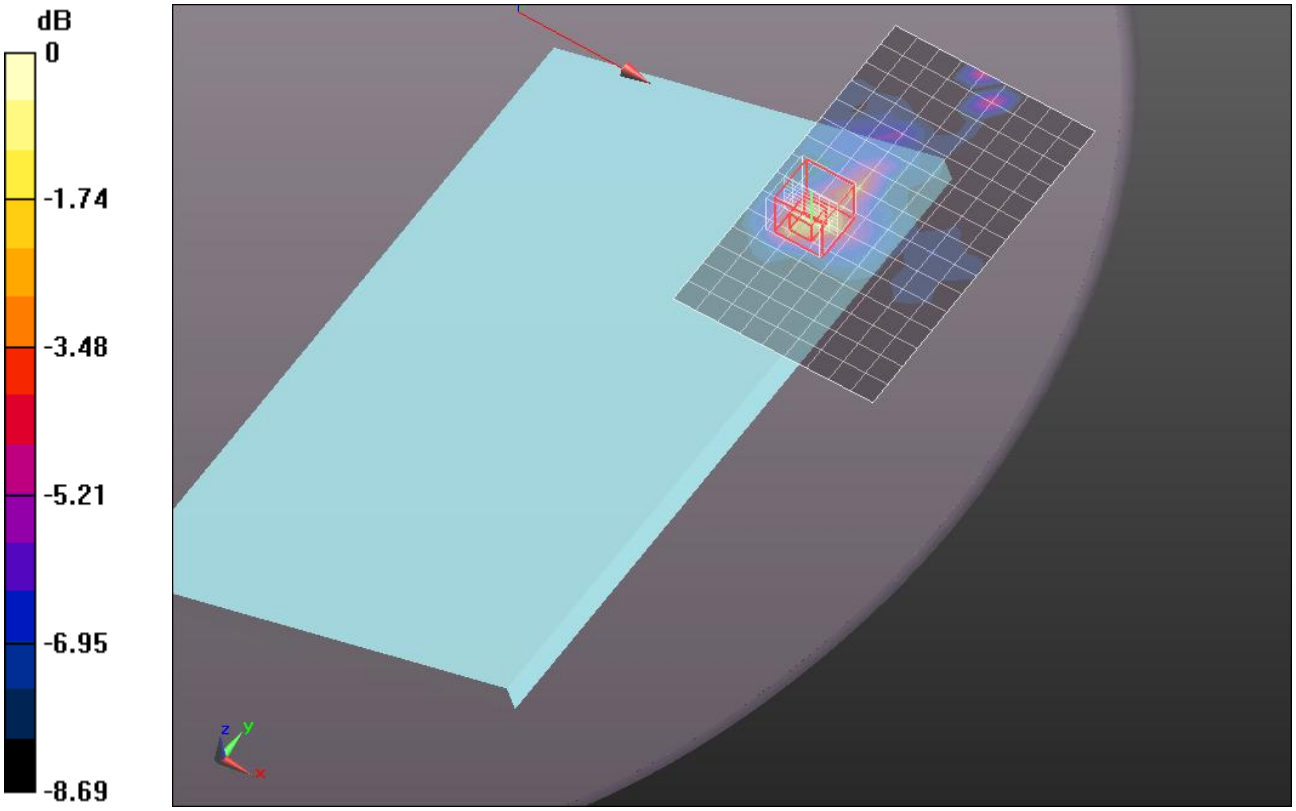
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.298 mho/m; ε_r = 47.369; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 52/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.876 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.241 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.3700
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 1.327 mW/g



0 dB = 1.330mW/g = 2.48 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.3 GHz Band

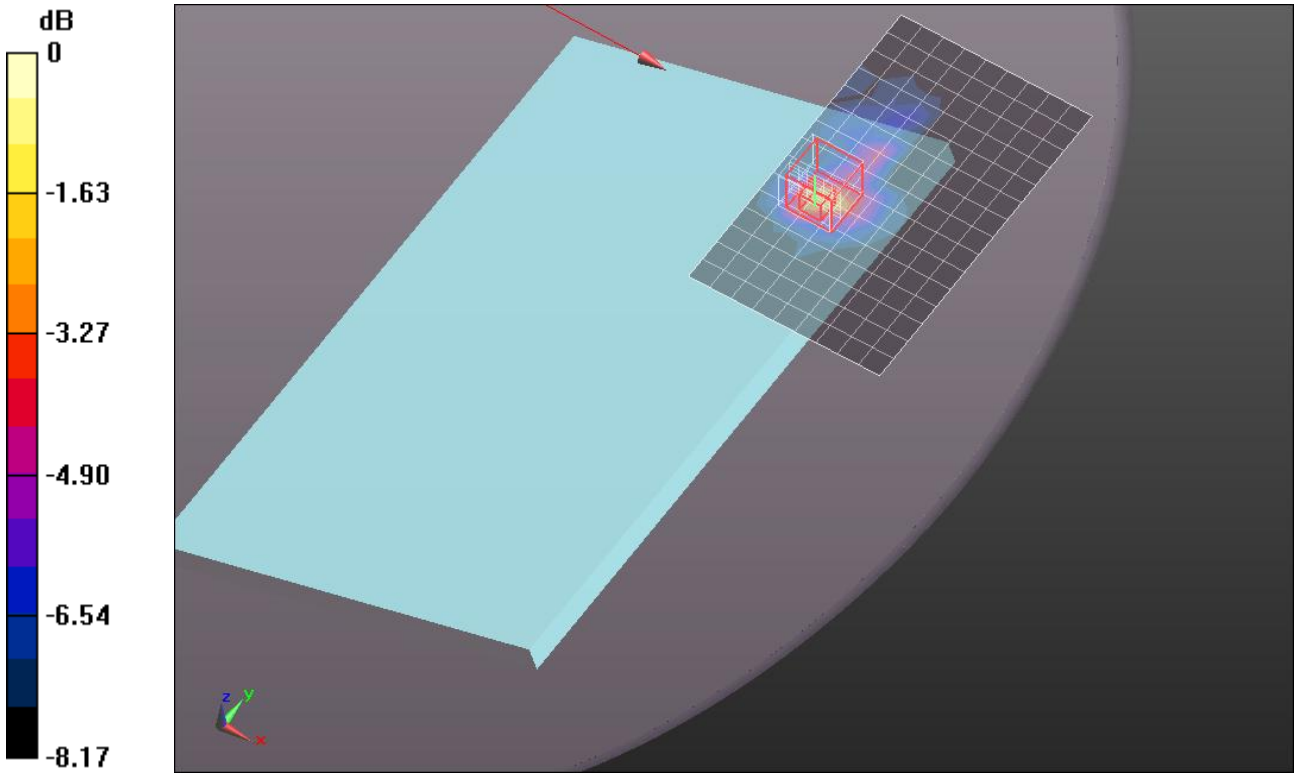
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.361 mho/m; ε_r = 47.332; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 64/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.825 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.448 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 4.0150
SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 1.285 mW/g



0 dB = 1.280mW/g = 2.14 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.3 GHz Band

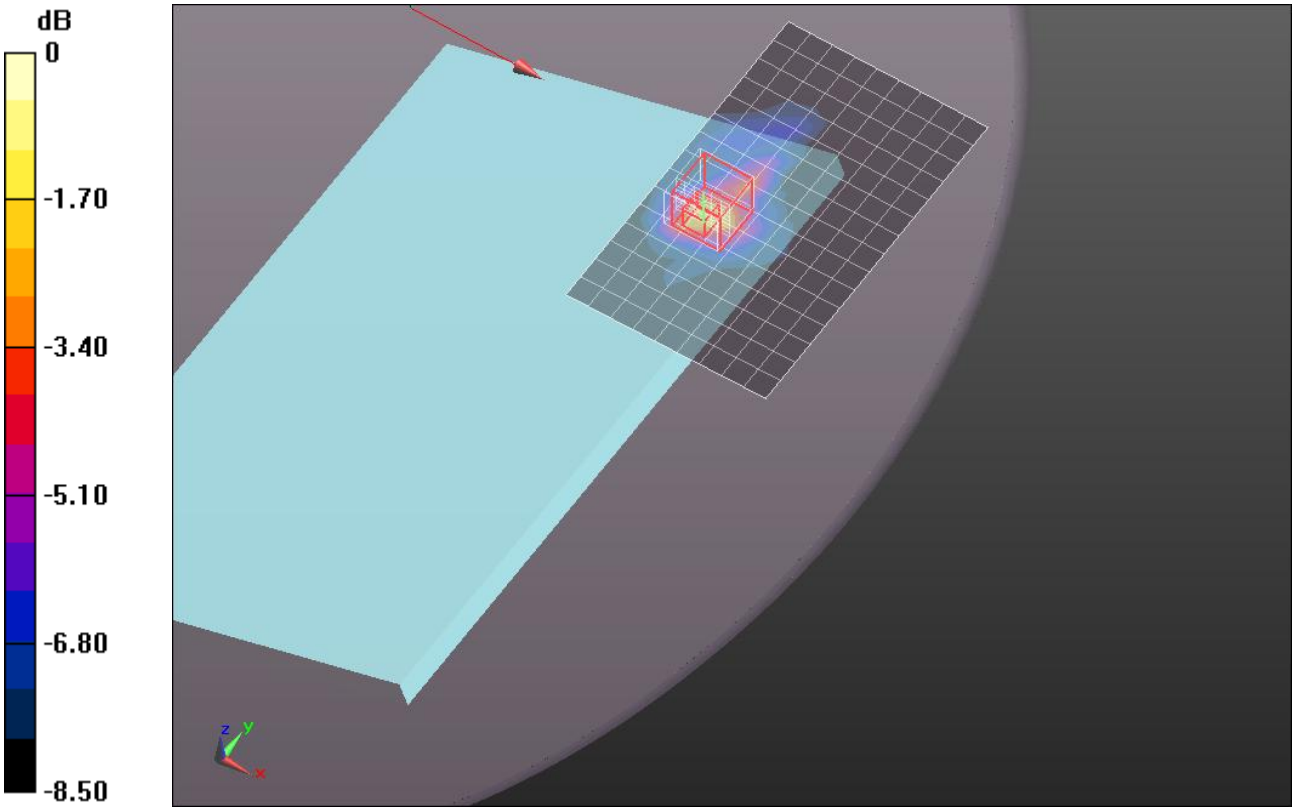
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.298 mho/m; ε_r = 47.369; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11n HT20/Main Ant/Ch 52/Area Scan (10x16x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.024 mW/g

Rear/20 deg. tilt @ Edge 1/802.11n HT20/Main Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.370 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 4.1640
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 1.488 mW/g



0 dB = 1.490mW/g = 3.46 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/3/2012

WiFi 5.3 GHz Band

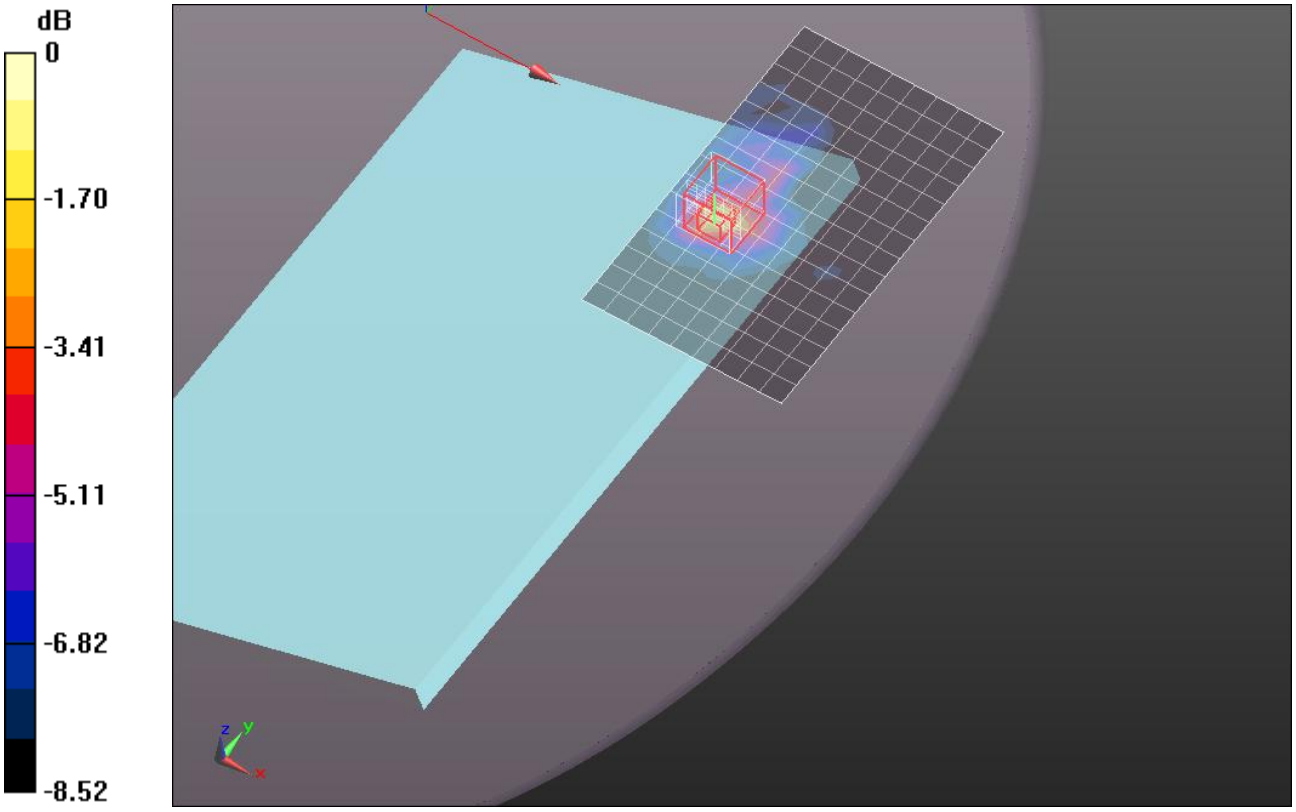
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.361 mho/m; ε_r = 47.332; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11n HT20/Main Ant/Ch 64/Area Scan (10x16x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.936 mW/g

Rear/20 deg. tilt @ Edge 1/802.11n HT20/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.983 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.9430
SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 1.382 mW/g



0 dB = 1.380mW/g = 2.80 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/5/2012

WiFi 5.3 GHz Band

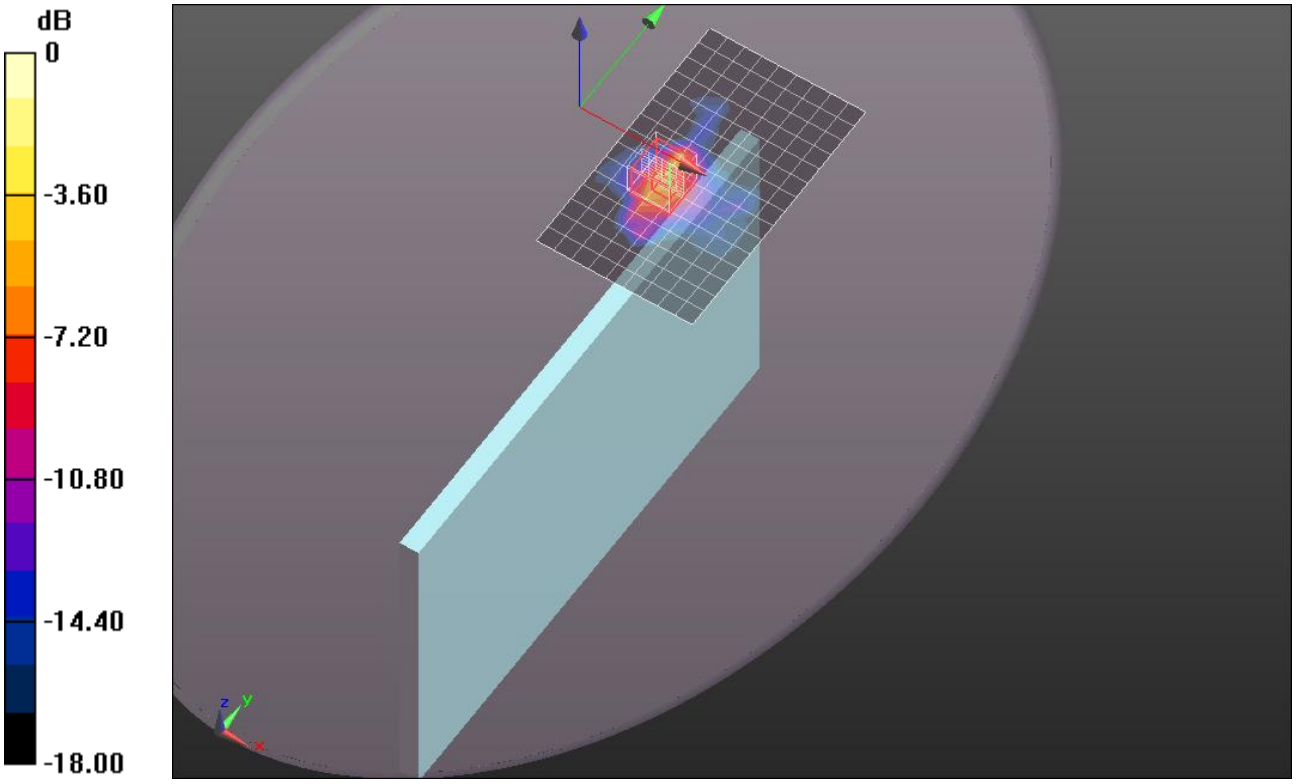
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.488 mho/m; ε_r = 47.257; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 52/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.770 mW/g

Edge 1/802.11a/Main Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.644 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.6170
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 1.694 mW/g



0 dB = 1.690mW/g = 4.56 dB mW/g

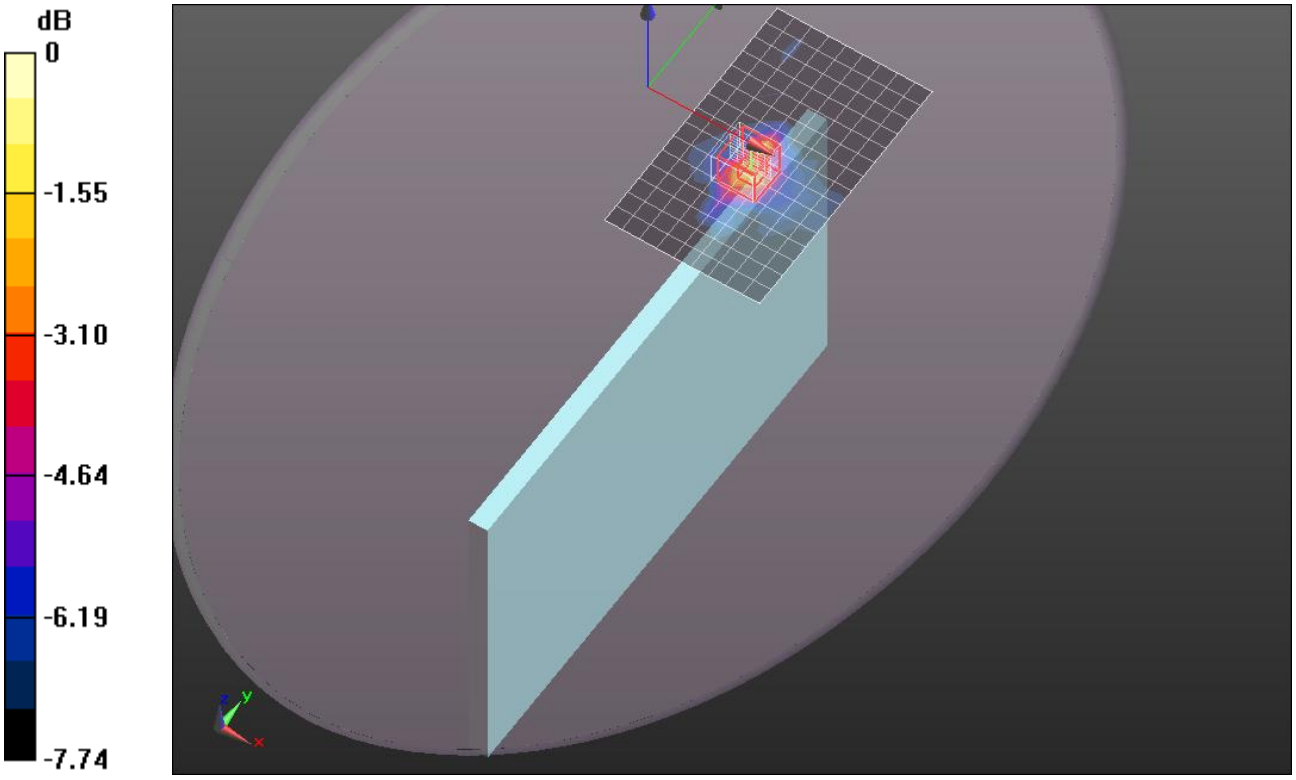
Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.251 mho/m; ε_r = 47.554; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 64/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.829 mW/g

Edge 1/802.11a/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 12.809 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.8260
SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.966 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/5/2012

WiFi 5.3 GHz Band

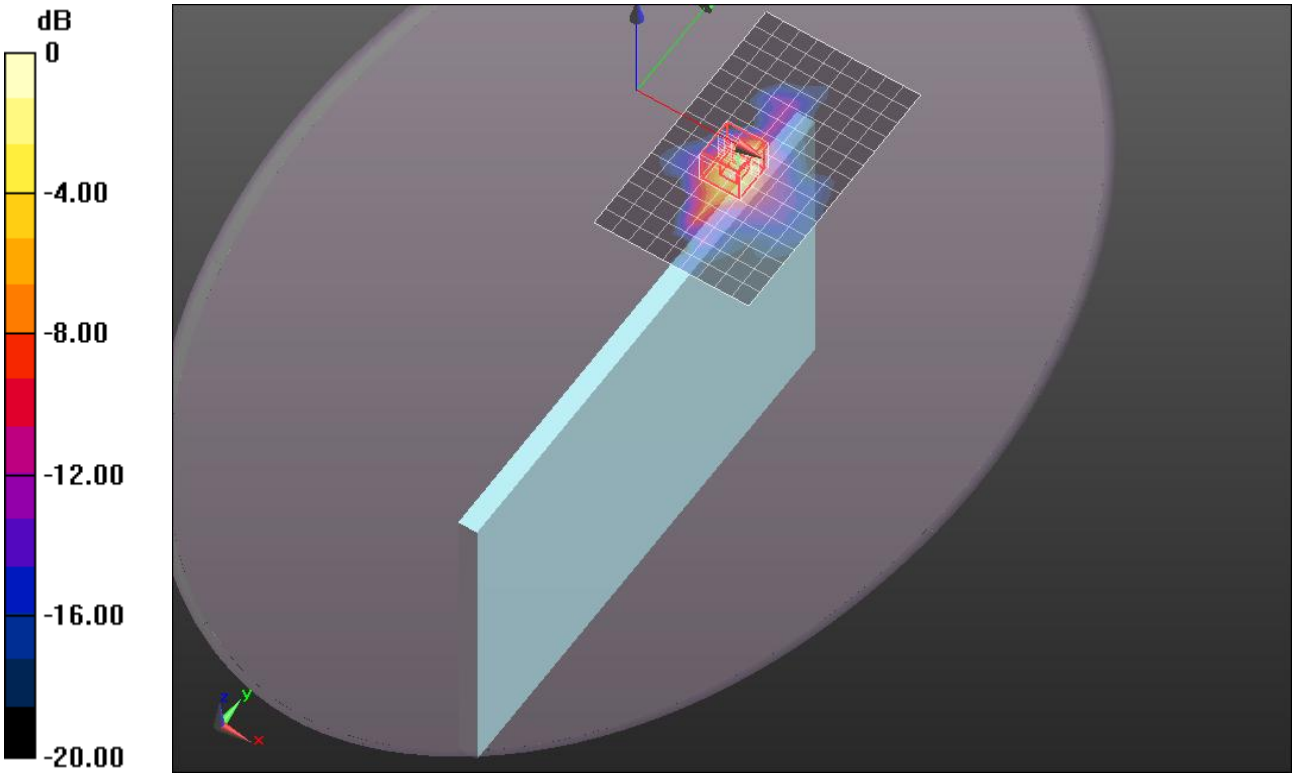
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.488 mho/m; ε_r = 47.257; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11n HT20/Main Ant/Ch 52/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.317 mW/g

Edge 1/802.11n HT20/Main Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.706 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 3.2760
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 1.517 mW/g



0 dB = 1.520mW/g = 3.64 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

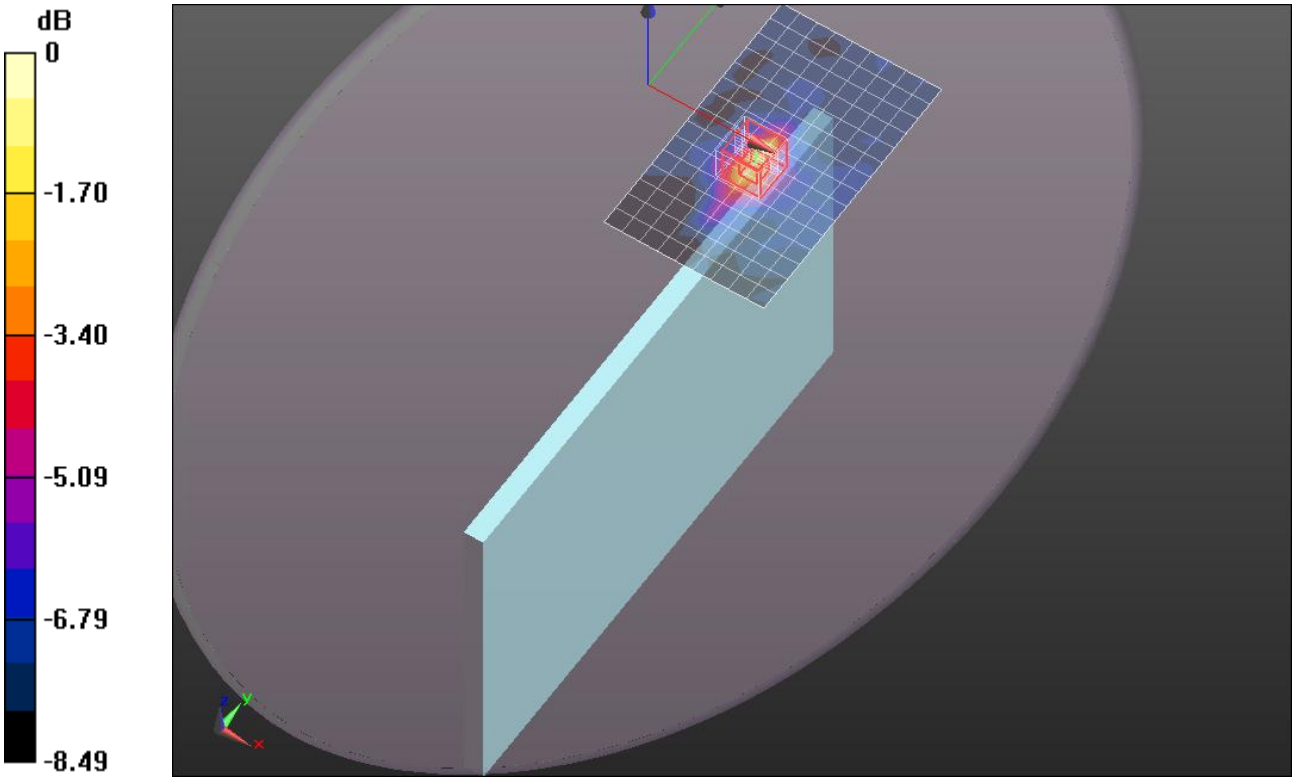
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.251 mho/m; ε_r = 47.554; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11n HT20/Main Ant/Ch 64/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.073 mW/g

Edge 1/802.11n HT20/Main Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.293 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 3.0870
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 1.200 mW/g



0 dB = 1.200mW/g = 1.58 dB mW/g

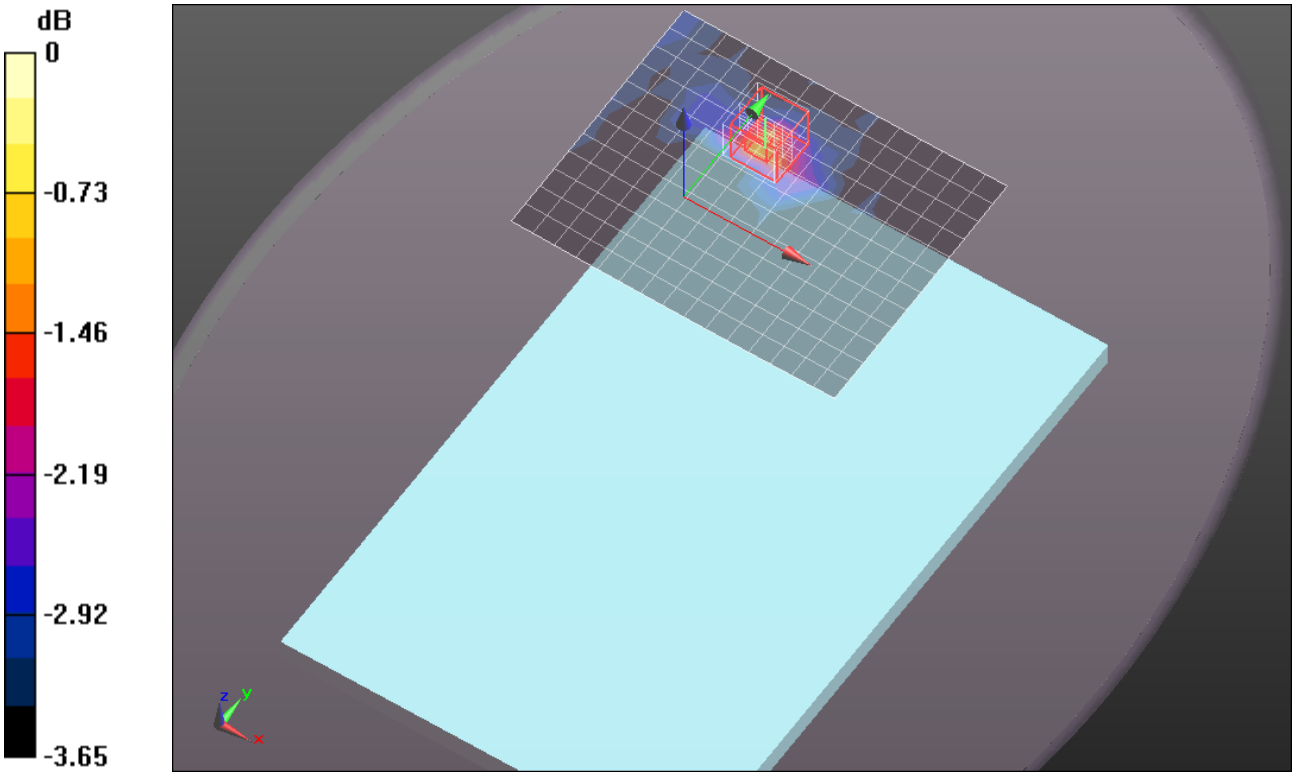
Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.411 mho/m; ε_r = 47.657; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 52/Area Scan (16x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.967 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.826 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.9560
SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.695 mW/g
Maximum value of SAR (measured) = 1.170 mW/g



0 dB = 1.170mW/g = 1.36 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

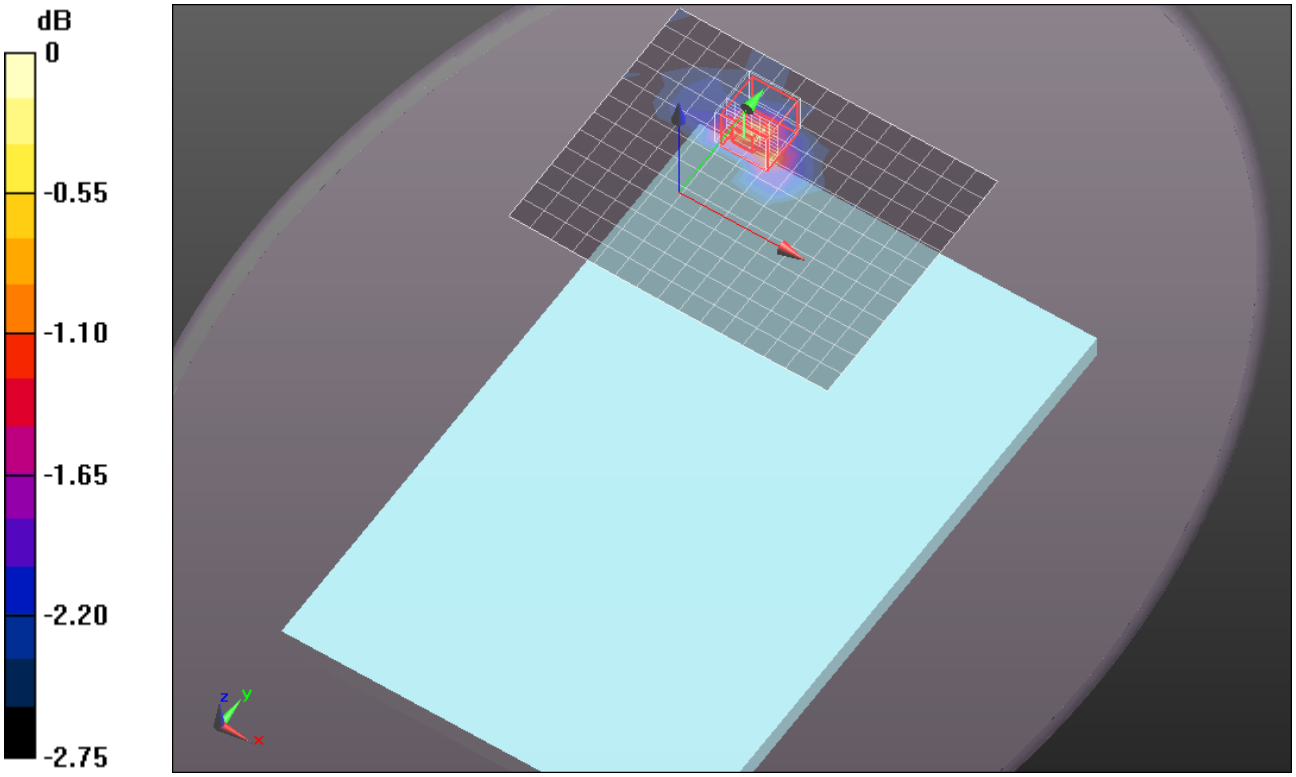
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.512 mho/m; ε_r = 47.701; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 64/Area Scan (16x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.848 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.102 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.6950
SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.688 mW/g
Maximum value of SAR (measured) = 0.997 mW/g



0 dB = 1.000mW/g = 0 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

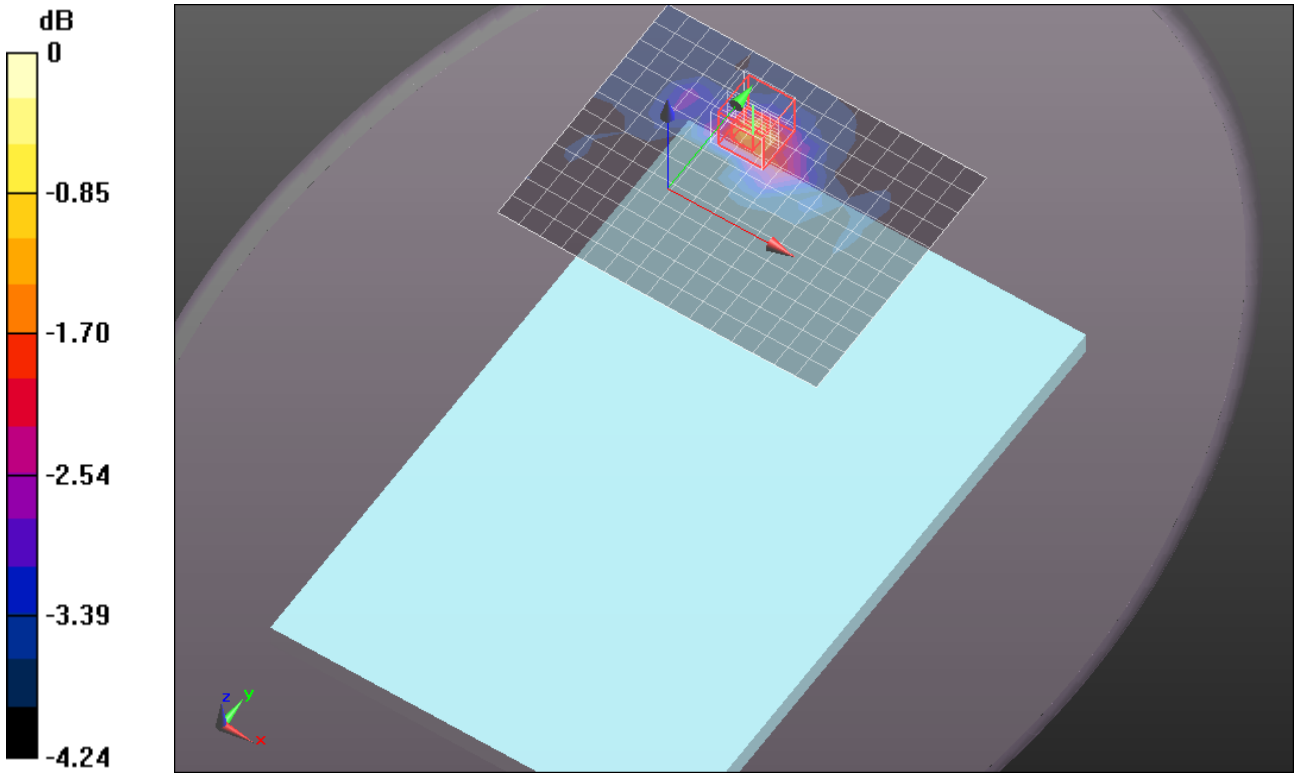
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.411 mho/m; ε_r = 47.657; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11n HT20/Aux Ant/Ch 52/Area Scan (16x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.179 mW/g

Rear/Touch/802.11n HT20/Aux Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 16.035 V/m; Power Drift = 0.0013 dB
Peak SAR (extrapolated) = 2.5150
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.727 mW/g
Maximum value of SAR (measured) = 1.342 mW/g



0 dB = 1.340mW/g = 2.54 dB mW/g

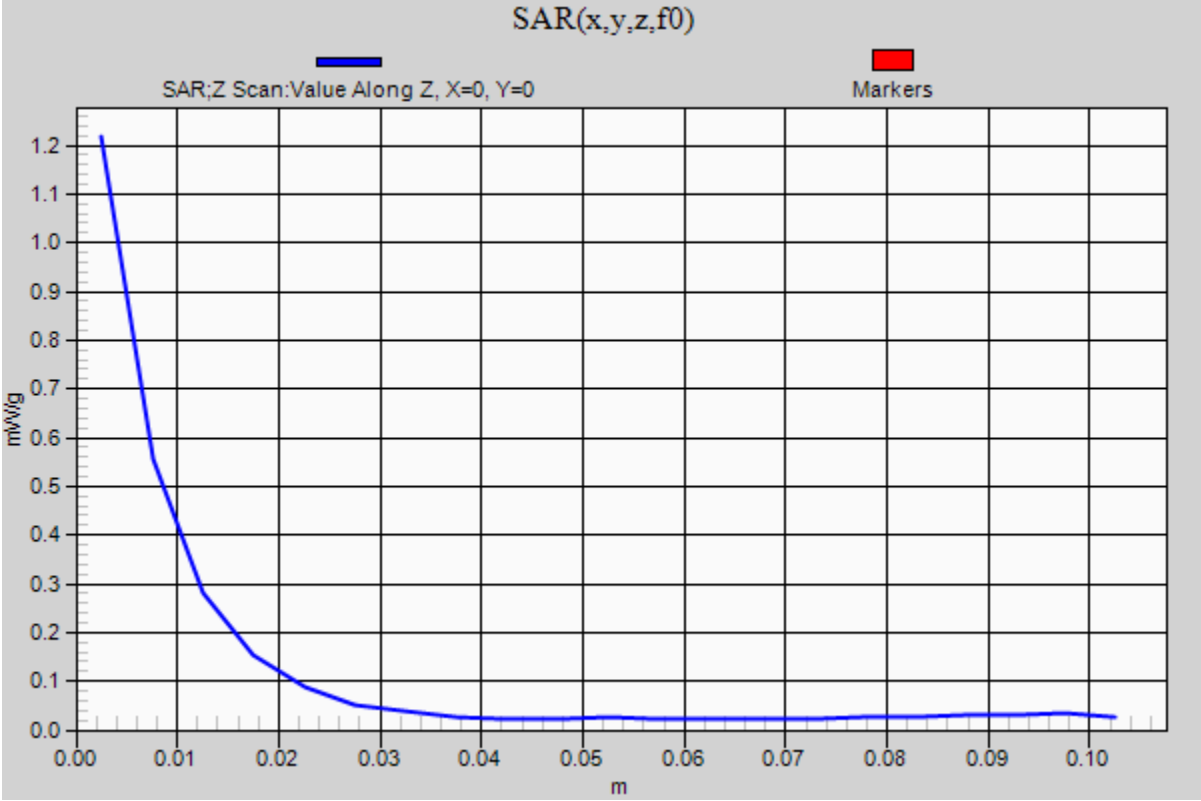
Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1

Rear/Touch/802.11n HT20/Aux Ant/Ch 52/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.217 mW/g



Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

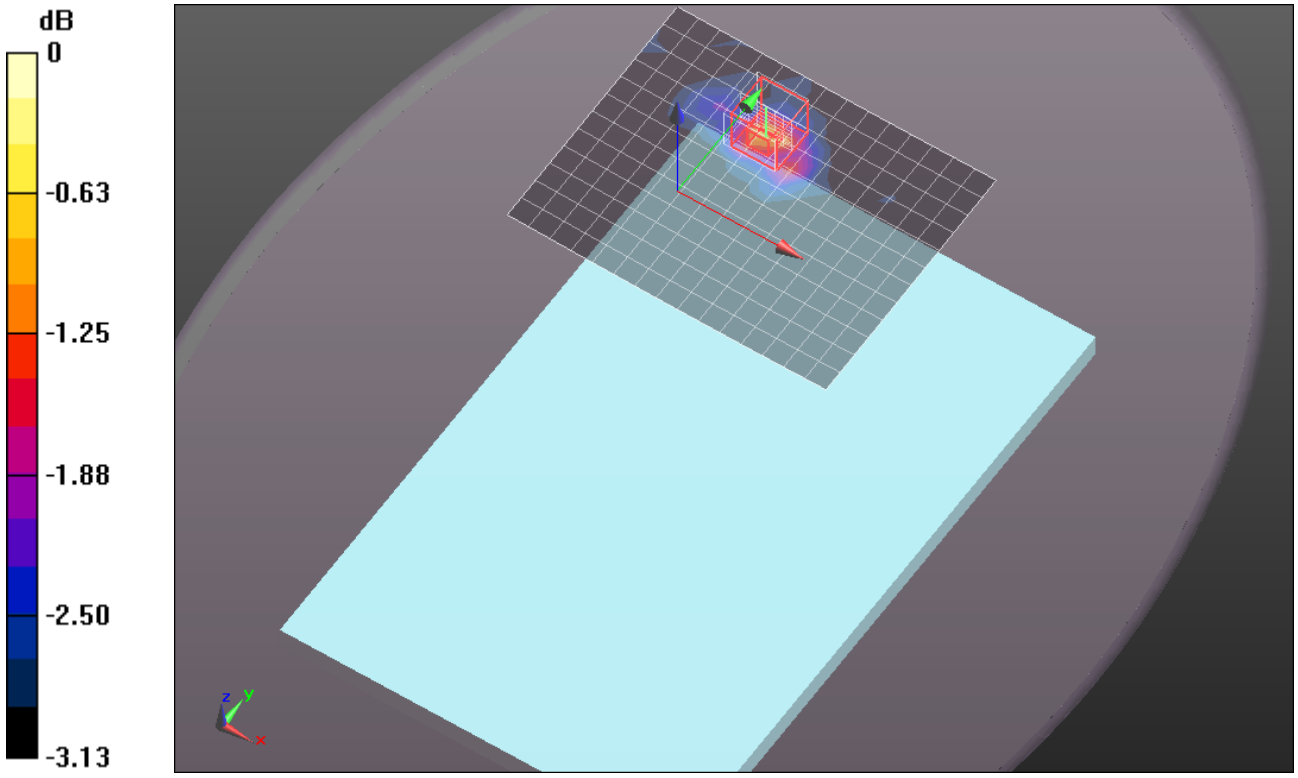
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.512 mho/m; ε_r = 47.701; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11n HT20/Aux Ant/Ch 64/Area Scan (16x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.956 mW/g

Rear/Touch/802.11n HT20/Aux Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.379 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.8350
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (measured) = 1.108 mW/g



0 dB = 1.110mW/g = 0.91 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

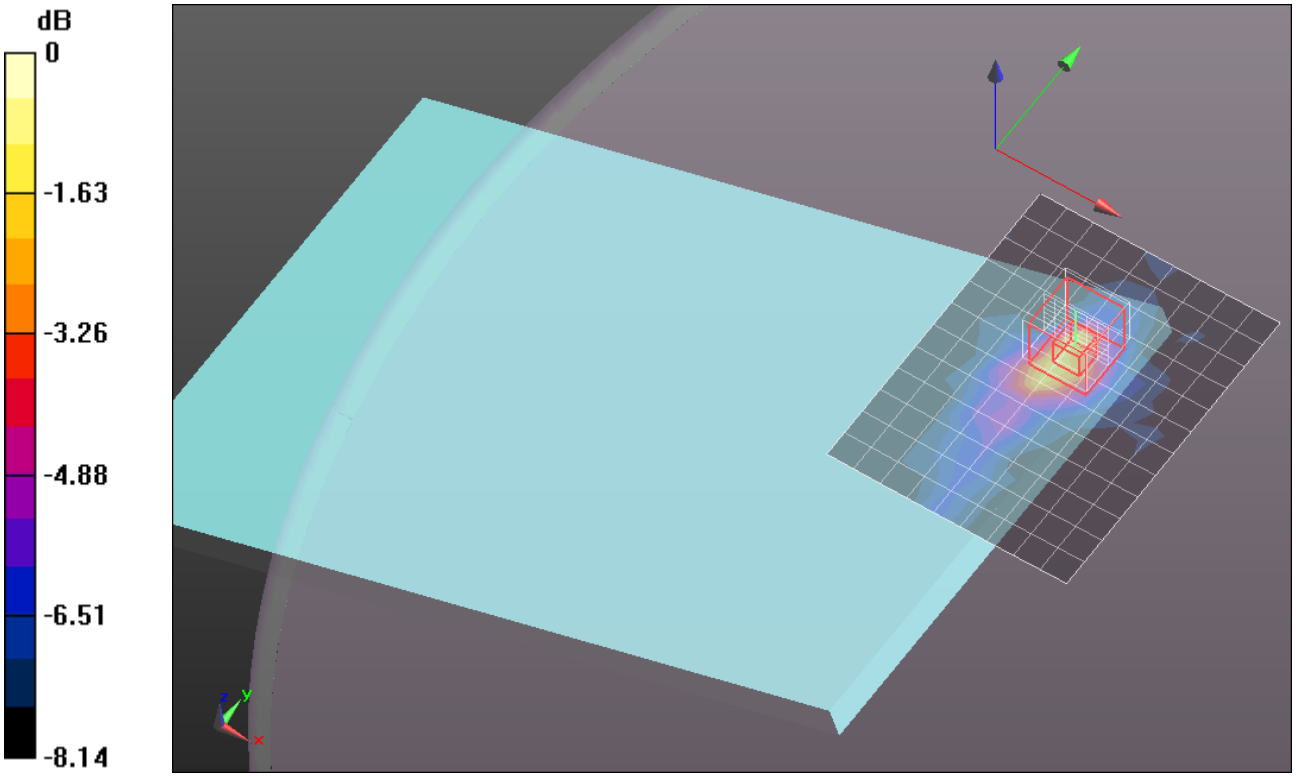
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.411 mho/m; ε_r = 47.657; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 52/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.856 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.958 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.6490
SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.361 mW/g
Maximum value of SAR (measured) = 1.159 mW/g



0 dB = 1.160mW/g = 1.29 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

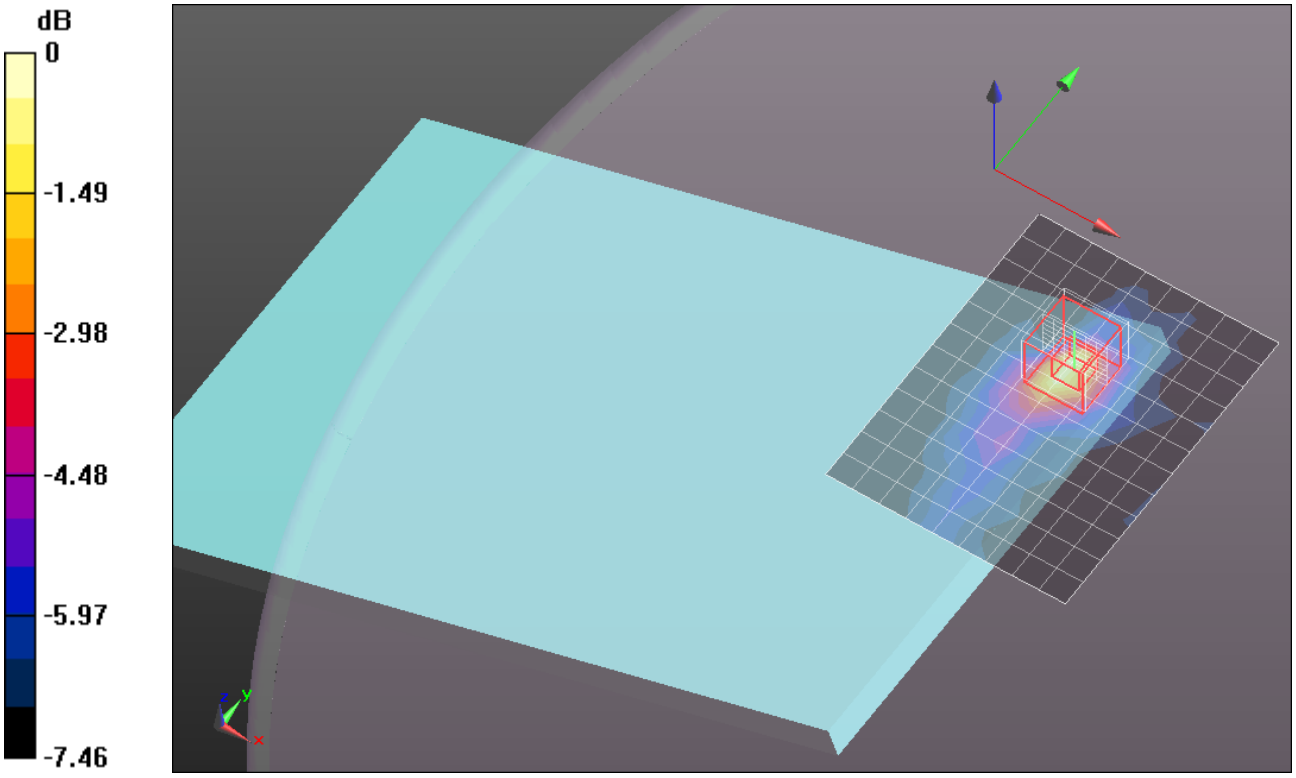
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.512 mho/m; ε_r = 47.701; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 64/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.969 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.955 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 2.4910
SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 1.057 mW/g



0 dB = 1.060mW/g = 0.51 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

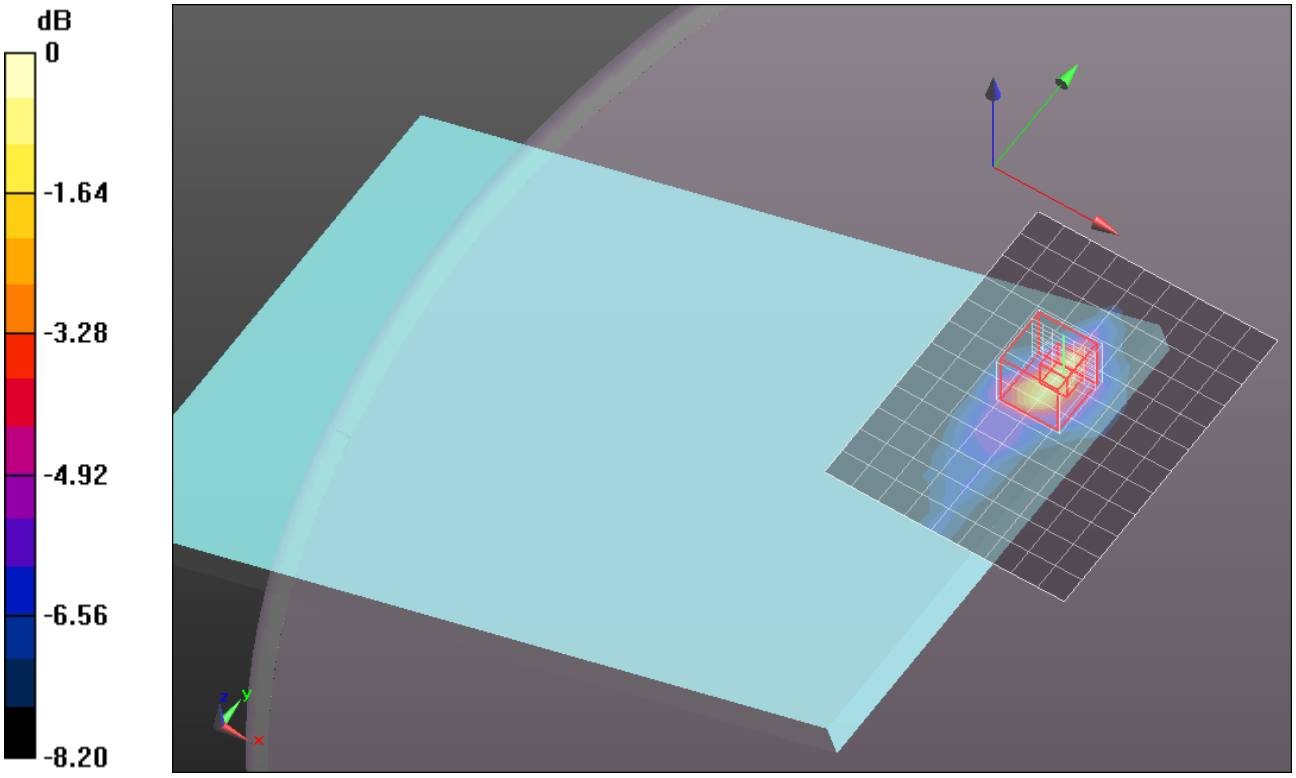
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.411 mho/m; ε_r = 47.657; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11n HT20/Aux Ant/Ch 52/Area Scan (10x13x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.099 mW/g

Rear/20 deg. tilt @ Edge 2/802.11n HT20/Aux Ant/Ch 52/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.138 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 3.1500
SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 1.369 mW/g



0 dB = 1.370mW/g = 2.73 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

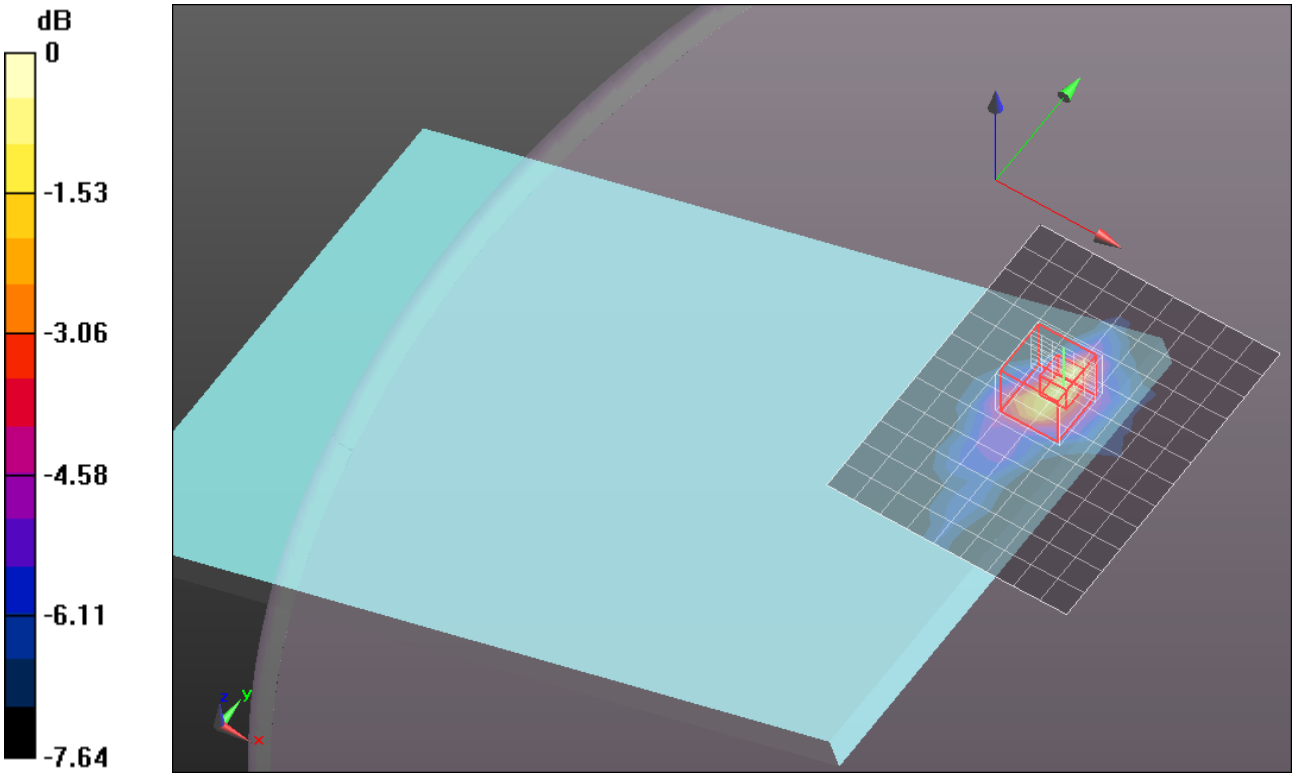
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.512 mho/m; ε_r = 47.701; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11n HT20/Aux Ant/Ch 64/Area Scan (10x13x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.958 mW/g

Rear/20 deg. tilt @ Edge 2/802.11n HT20/Aux Ant/Ch 64/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.261 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 3.1010
SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.406 mW/g
Maximum value of SAR (measured) = 1.229 mW/g



0 dB = 1.230mW/g = 1.80 dB mW/g

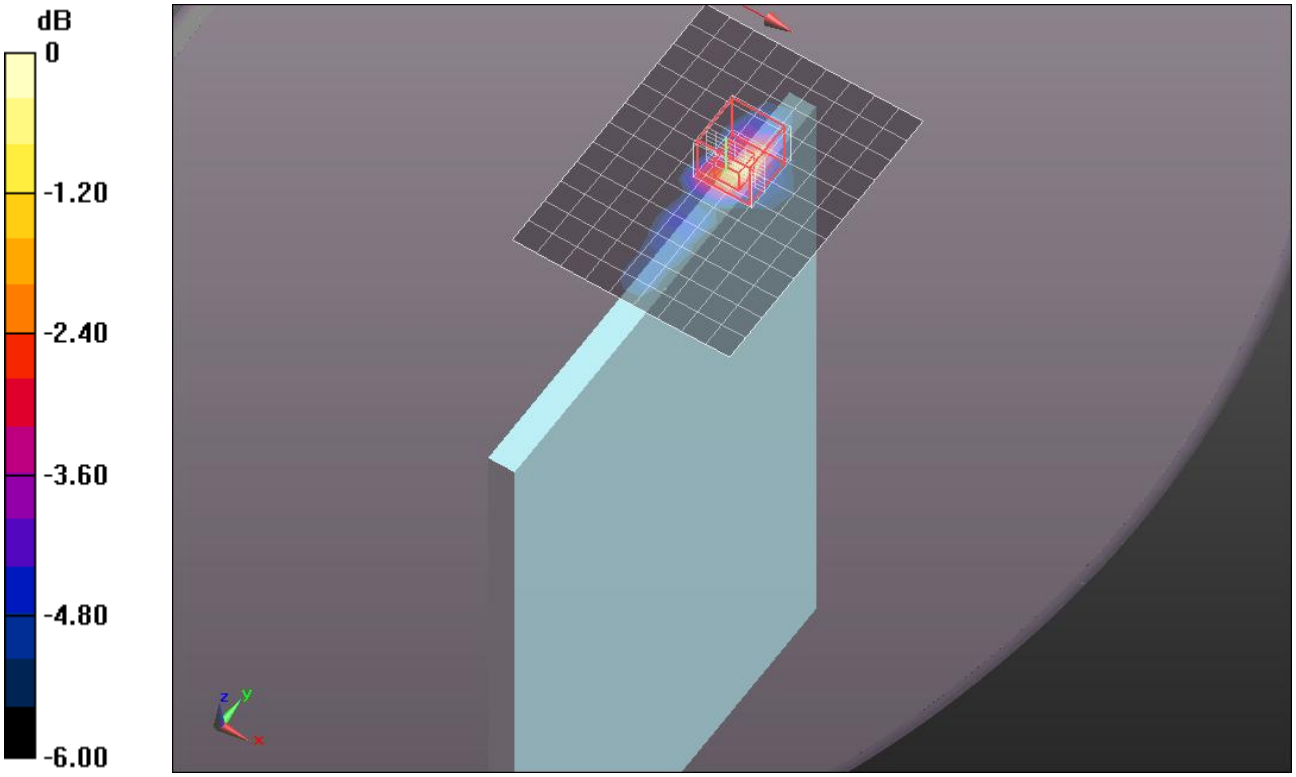
Test Laboratory: UL CCS SAR Lab B Date: 10/8/2012

WiFi 5.3 GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.183 mho/m; ε_r = 47.78; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/Edge2 Touch/Aux Ant/802.11a/Ch 52/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.533 mW/g

Edge 2/Edge2 Touch/Aux Ant/802.11a/Ch 52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.783 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.5810
SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.656 mW/g



0 dB = 0.660mW/g = -3.61 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.3 GHz Band

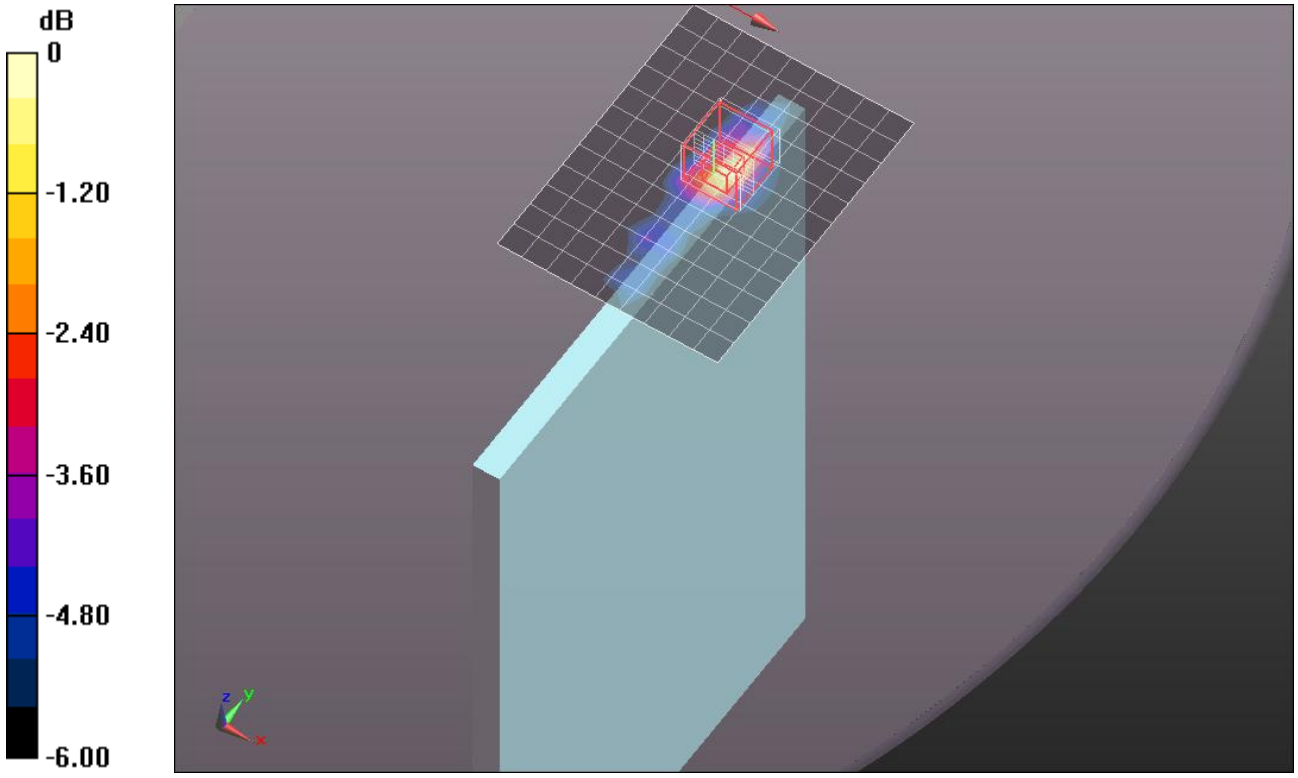
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.251 mho/m; ε_r = 47.554; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/Edge2 Touch/Aux Ant/802.11a/Ch 64/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.549 mW/g

Edge 2/Edge2 Touch/Aux Ant/802.11a/Ch 64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.751 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.6450
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.601 mW/g



0 dB = 0.600mW/g = -4.44 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.3 GHz Band

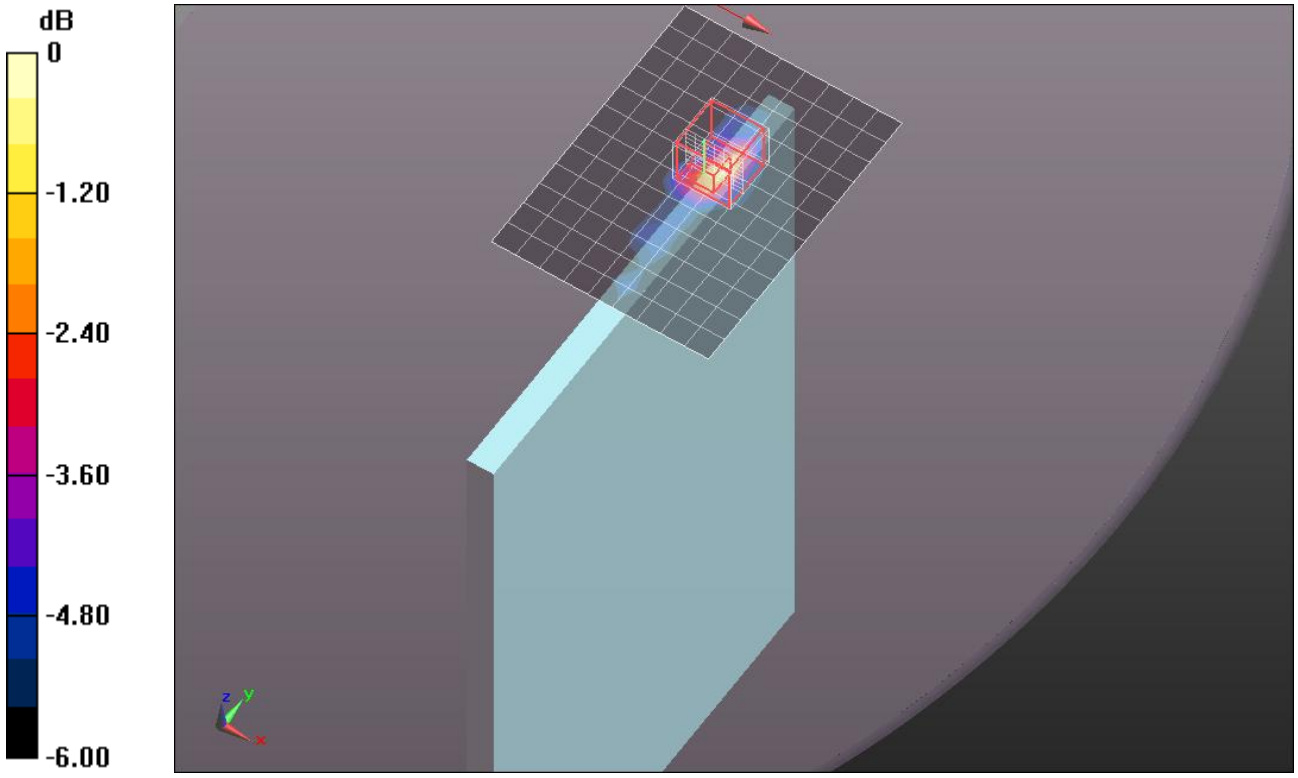
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5260 MHz; σ = 5.183 mho/m; ε_r = 47.78; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/Edge2 Touch/Aux Ant/802.11n HT20/Ch 52/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.645 mW/g

Edge 2/Edge2 Touch/Aux Ant/802.11n HT20/Ch 52/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.995 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.0460
SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.231 mW/g
Maximum value of SAR (measured) = 0.748 mW/g



0 dB = 0.750mW/g = -2.50 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.3 GHz Band

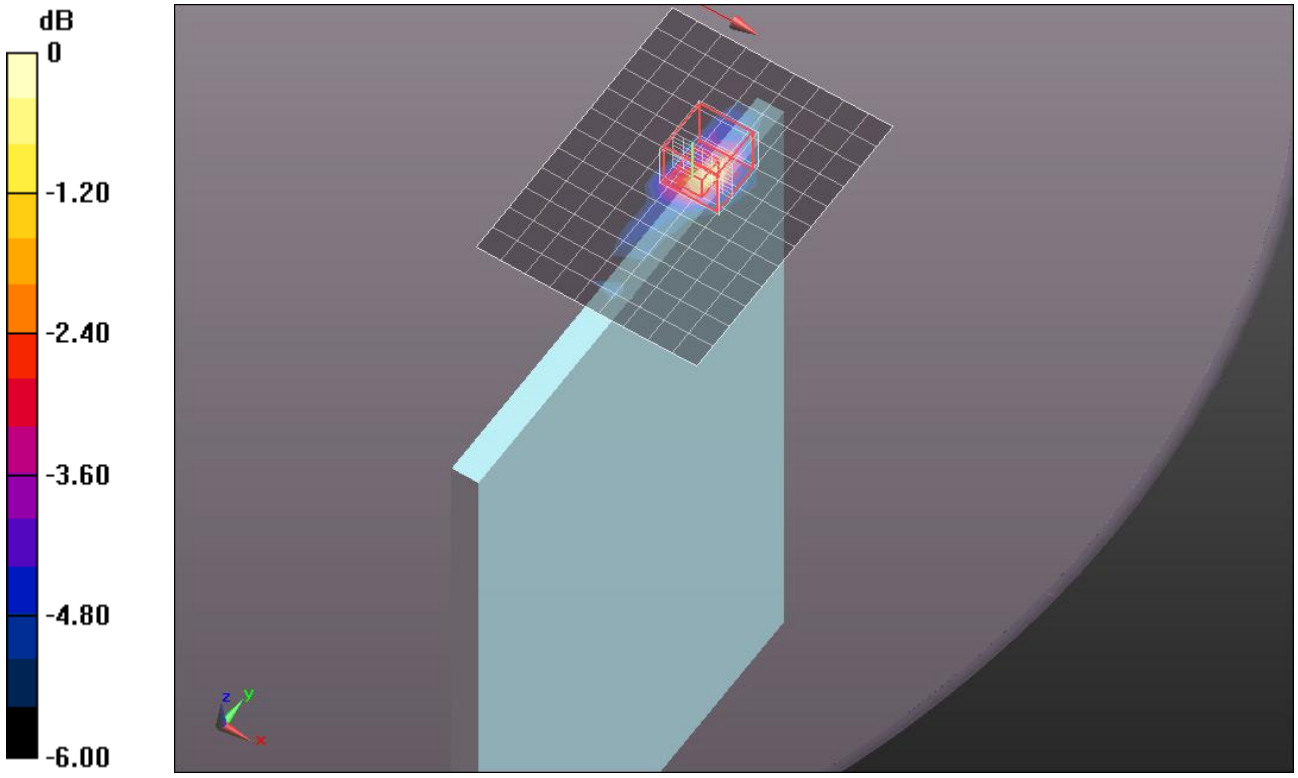
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5320 MHz; σ = 5.251 mho/m; ε_r = 47.554; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.8, 3.8, 3.8); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/Edge2 Touch/Aux Ant/802.11n HT20/Ch 64/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.581 mW/g

Edge 2/Edge2 Touch/Aux Ant/802.11n HT20/Ch 64/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.044 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.4240
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.224 mW/g
Maximum value of SAR (measured) = 0.698 mW/g



0 dB = 0.700mW/g = -3.10 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.5 GHz Band

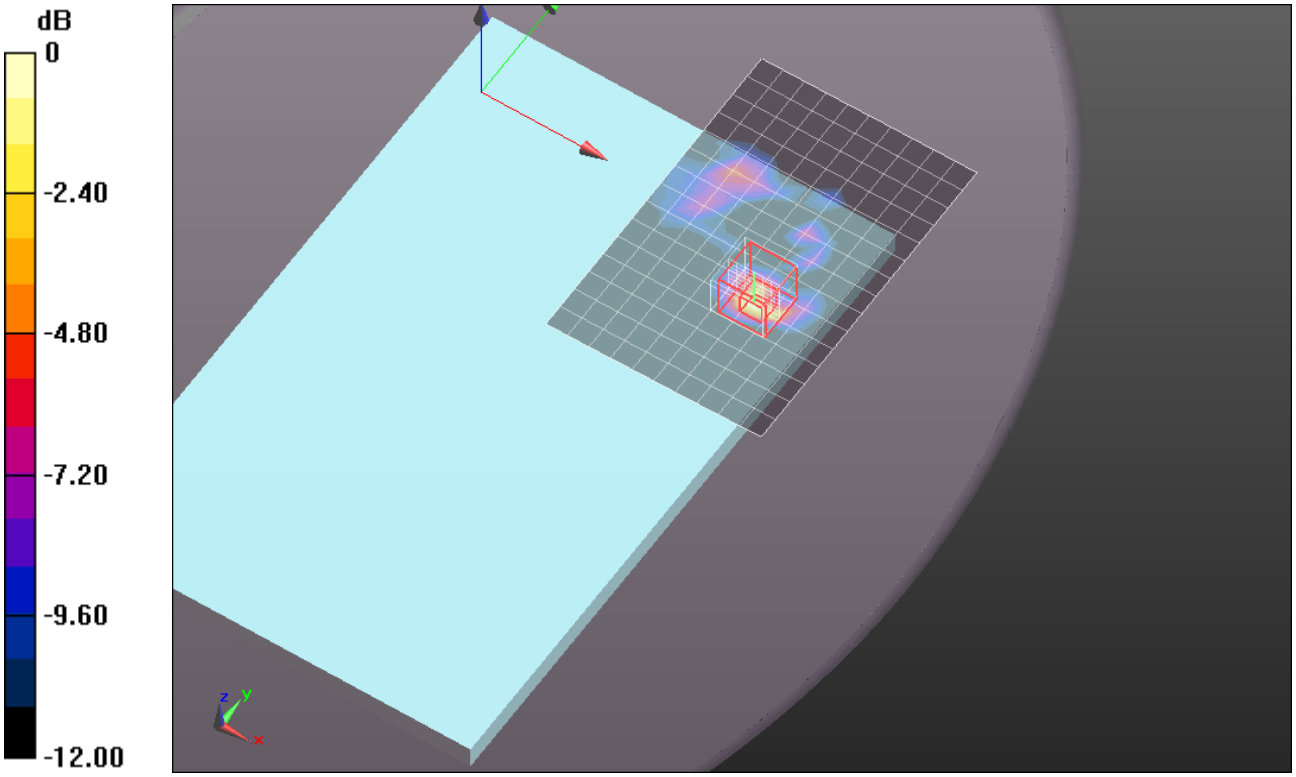
Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5520 MHz; σ = 5.652 mho/m; ε_r = 48.396; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 104/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.766 mW/g

Rear/Touch/802.11a/Main Ant/Ch 104/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.893 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 4.6520
SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 2.102 mW/g



0 dB = 2.100mW/g = 6.44 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.5 GHz Band

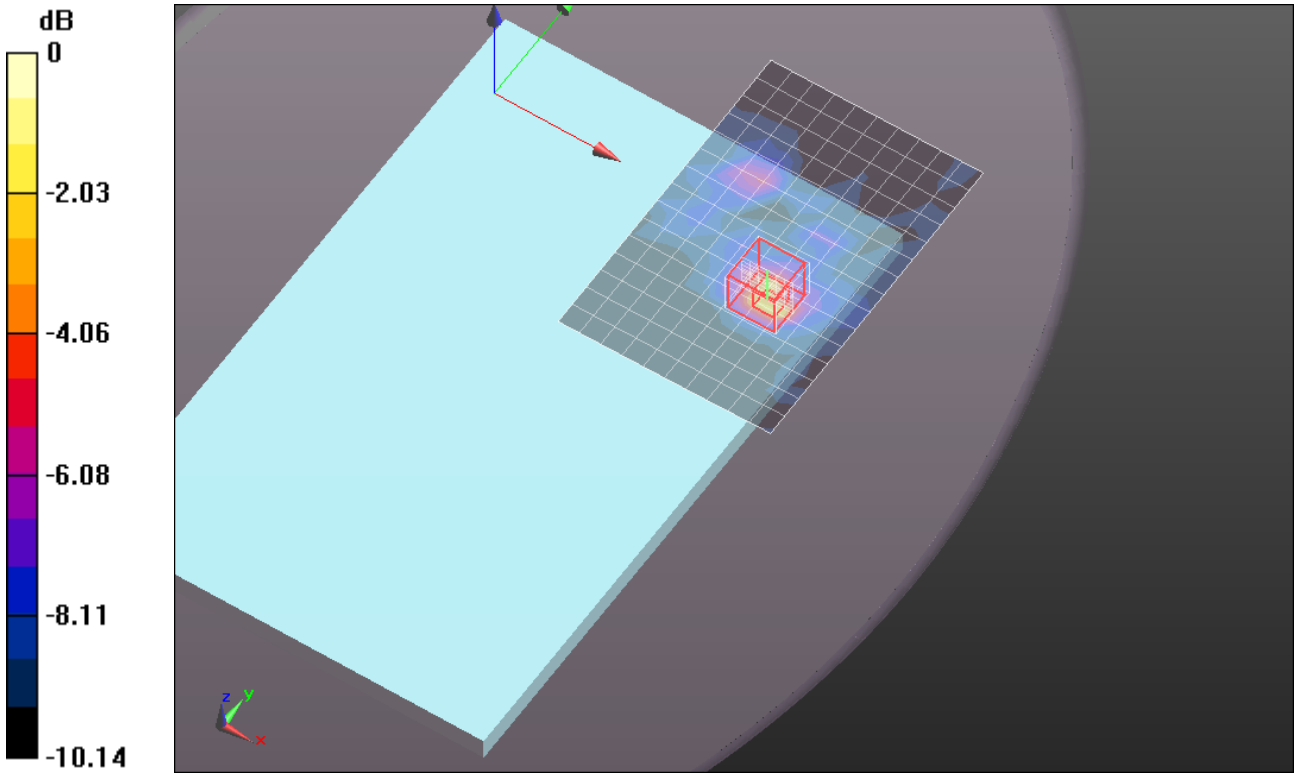
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5580 MHz; σ = 5.719 mho/m; ε_r = 48.175; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 116/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.085 mW/g

Rear/Touch/802.11a/Main Ant/Ch 116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.400 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.7930
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.405 mW/g
Maximum value of SAR (measured) = 1.787 mW/g



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

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.5 GHz Band

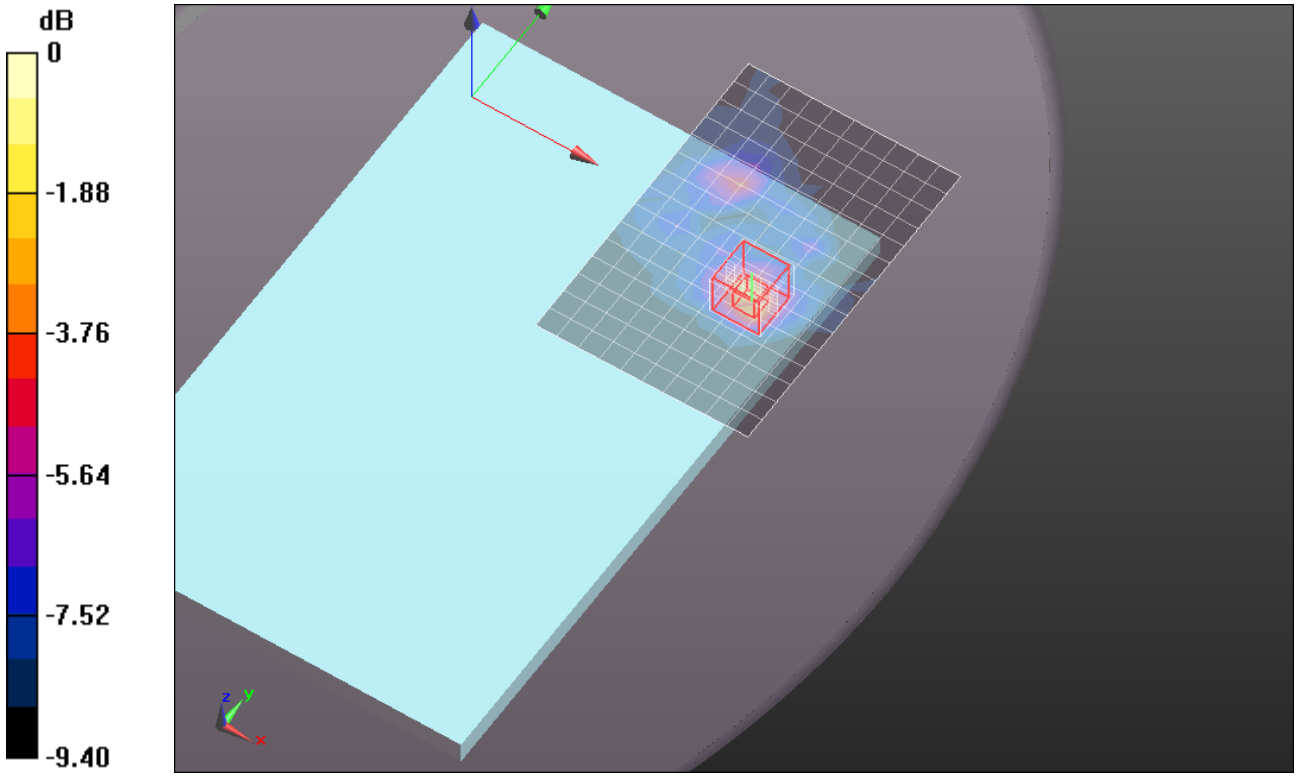
Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5620 MHz; σ = 5.814 mho/m; ε_r = 48.096; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 124/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.966 mW/g

Rear/Touch/802.11a/Main Ant/Ch 124/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.321 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 4.4850
SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 1.600 mW/g



0 dB = 1.600mW/g = 4.08 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.5 GHz Band

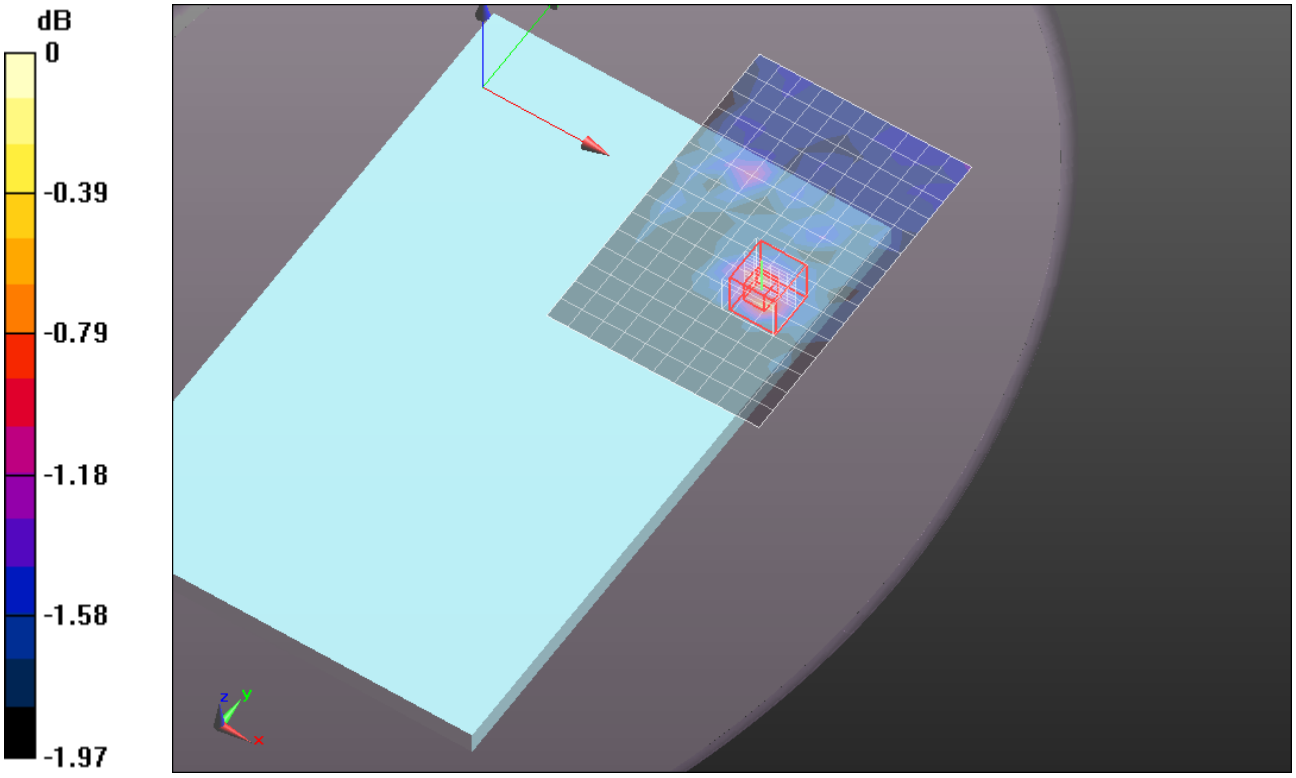
Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5680 MHz; σ = 5.797 mho/m; ε_r = 48.111; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 136/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.018 mW/g

Rear/Touch/802.11a/Main Ant/Ch 136/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.762 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.8850
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.934 mW/g
Maximum value of SAR (measured) = 1.173 mW/g



0 dB = 1.170mW/g = 1.36 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.5 GHz Band

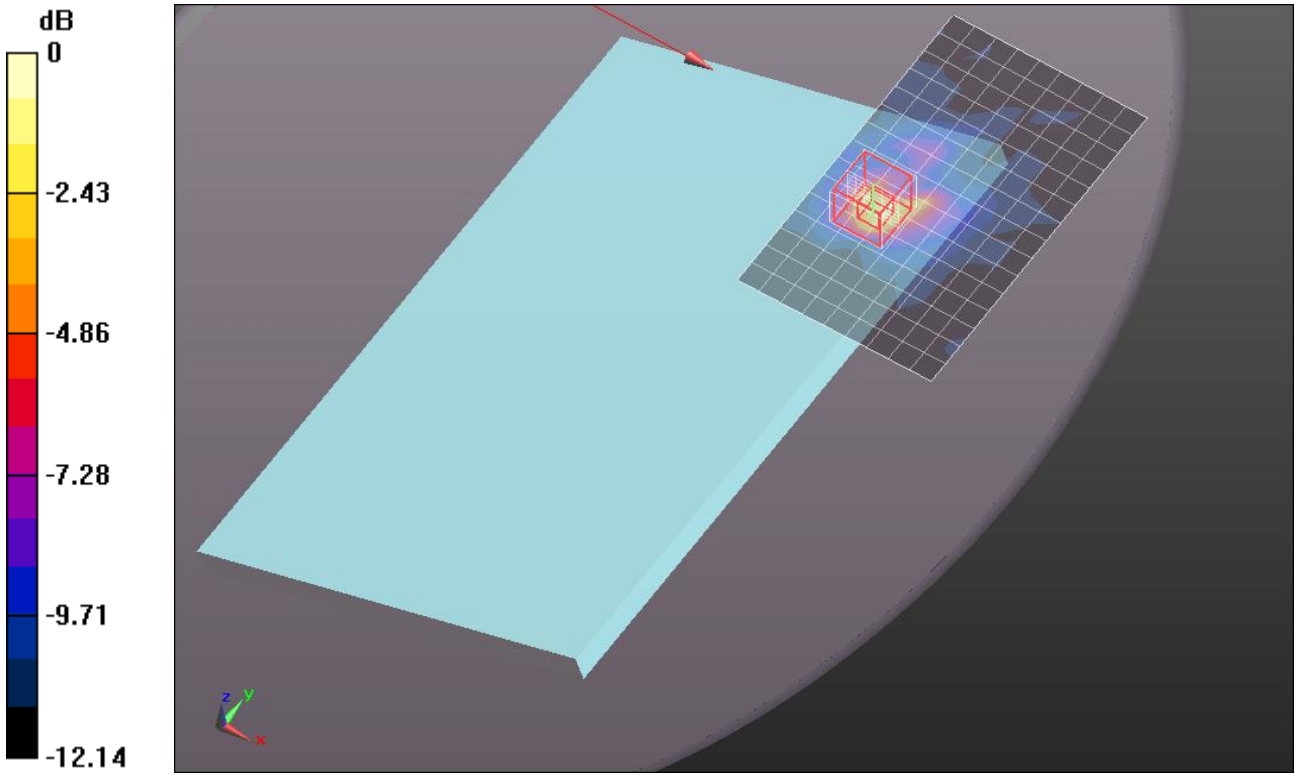
Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5520 MHz; σ = 5.652 mho/m; ε_r = 48.396; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 104/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.496 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 104/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.236 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.5220
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 2.307 mW/g



0 dB = 2.310mW/g = 7.27 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

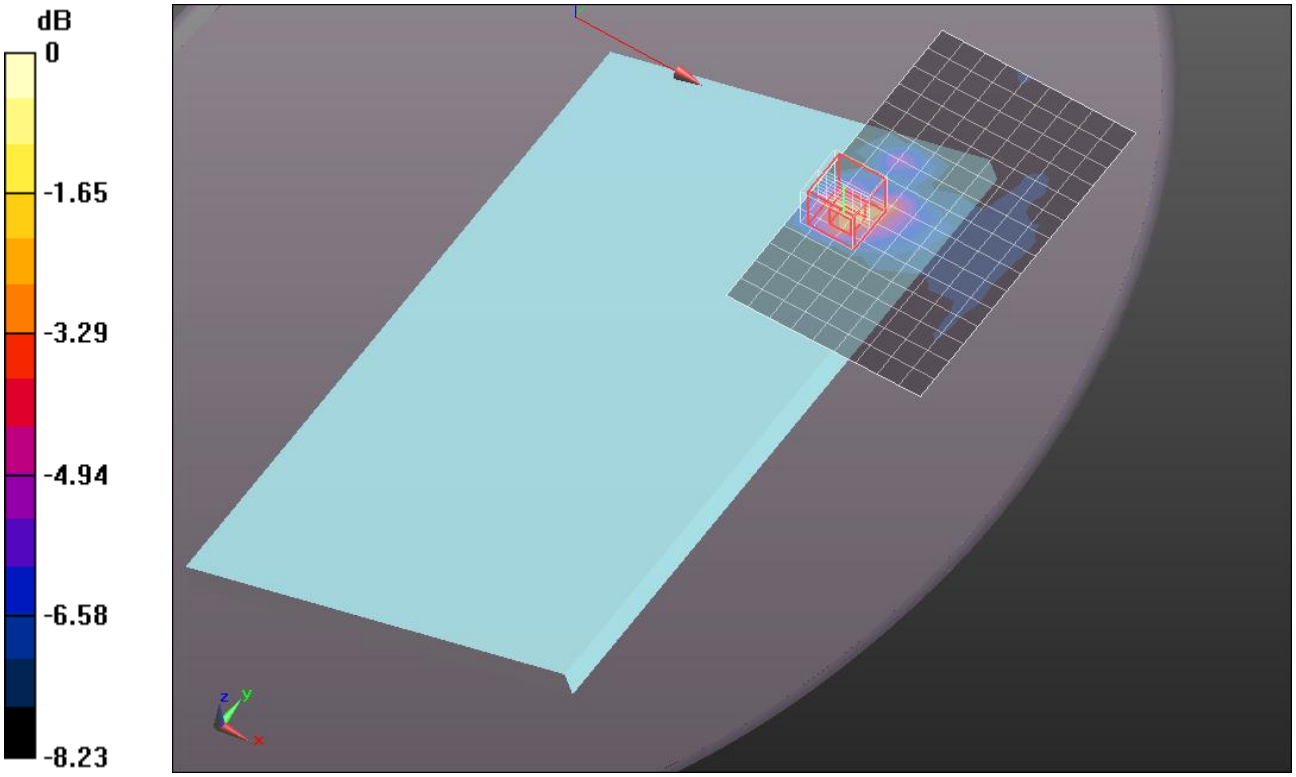
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5580 MHz; σ = 5.759 mho/m; ε_r = 50.369; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 116/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.262 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 116/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.803 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 5.8480
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.586 mW/g
Maximum value of SAR (measured) = 2.067 mW/g



0 dB = 2.070mW/g = 6.32 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

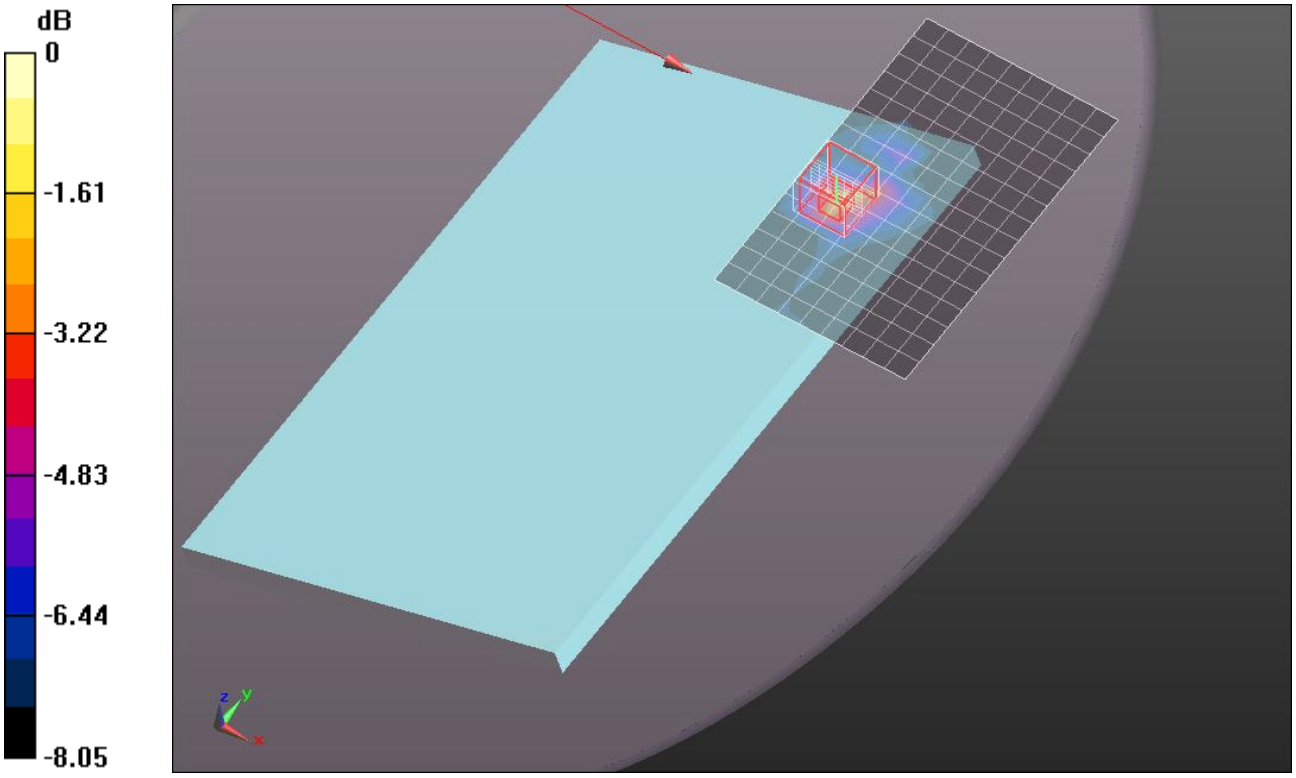
Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5620 MHz; σ = 5.82 mho/m; ε_r = 50.213; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 124/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.447 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 124/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.775 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 6.8110
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 2.227 mW/g



0 dB = 2.230mW/g = 6.97 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

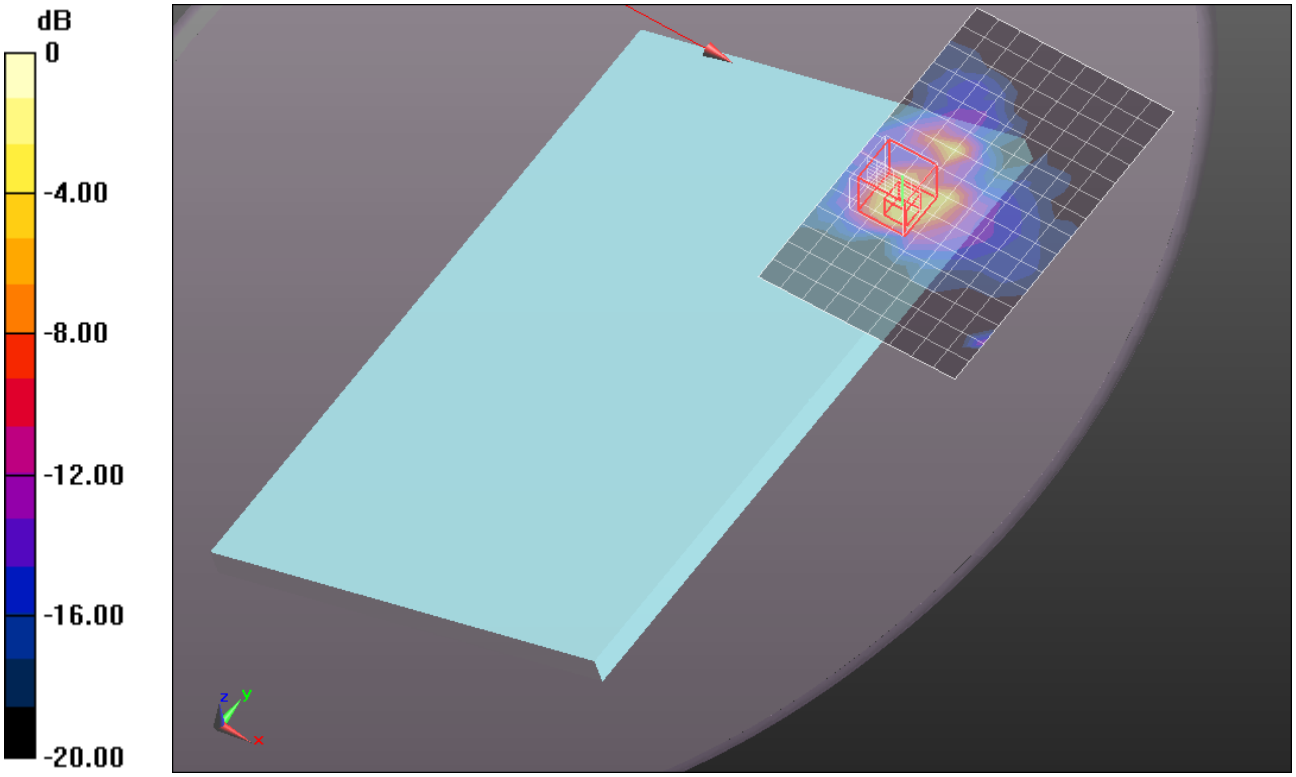
Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5680 MHz; σ = 5.904 mho/m; ε_r = 50.201; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 136/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.051 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 136/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.584 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 8.7830
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.314 mW/g
Maximum value of SAR (measured) = 2.632 mW/g



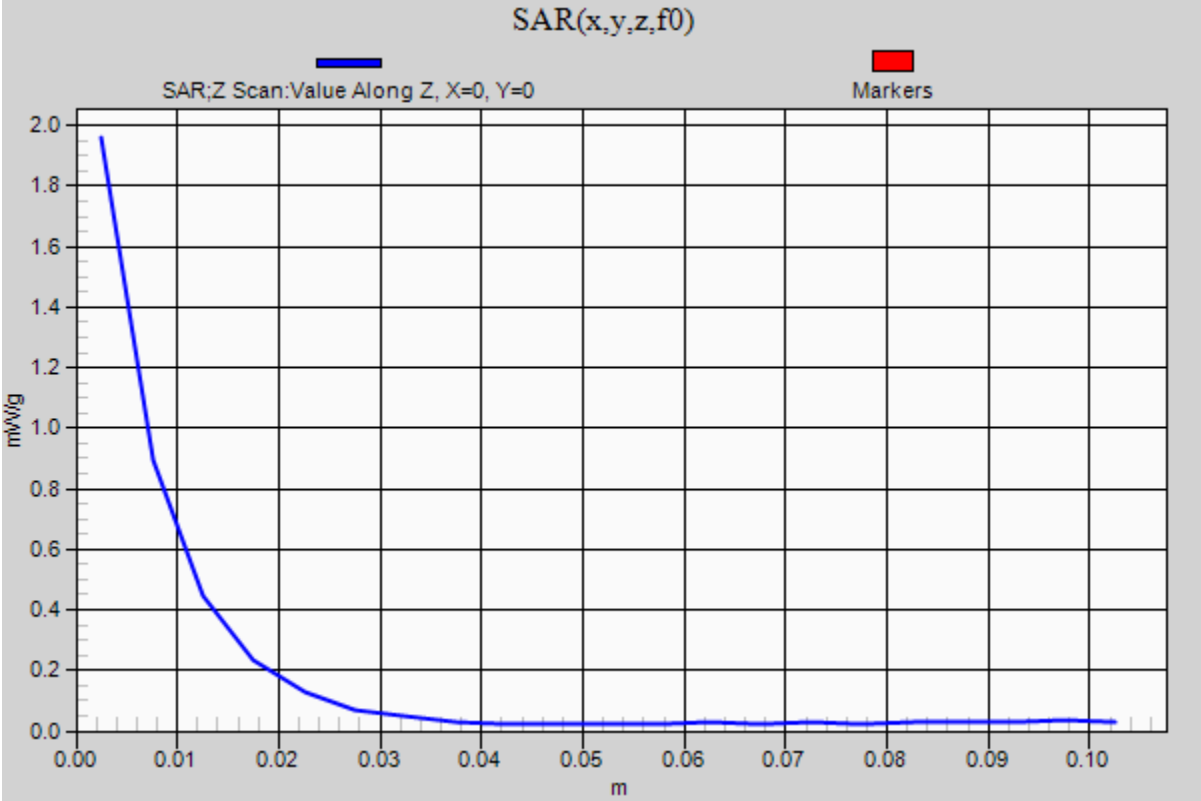
0 dB = 2.630mW/g = 8.40 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

Frequency: 5680 MHz; Duty Cycle: 1:1

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 136/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.960 mW/g



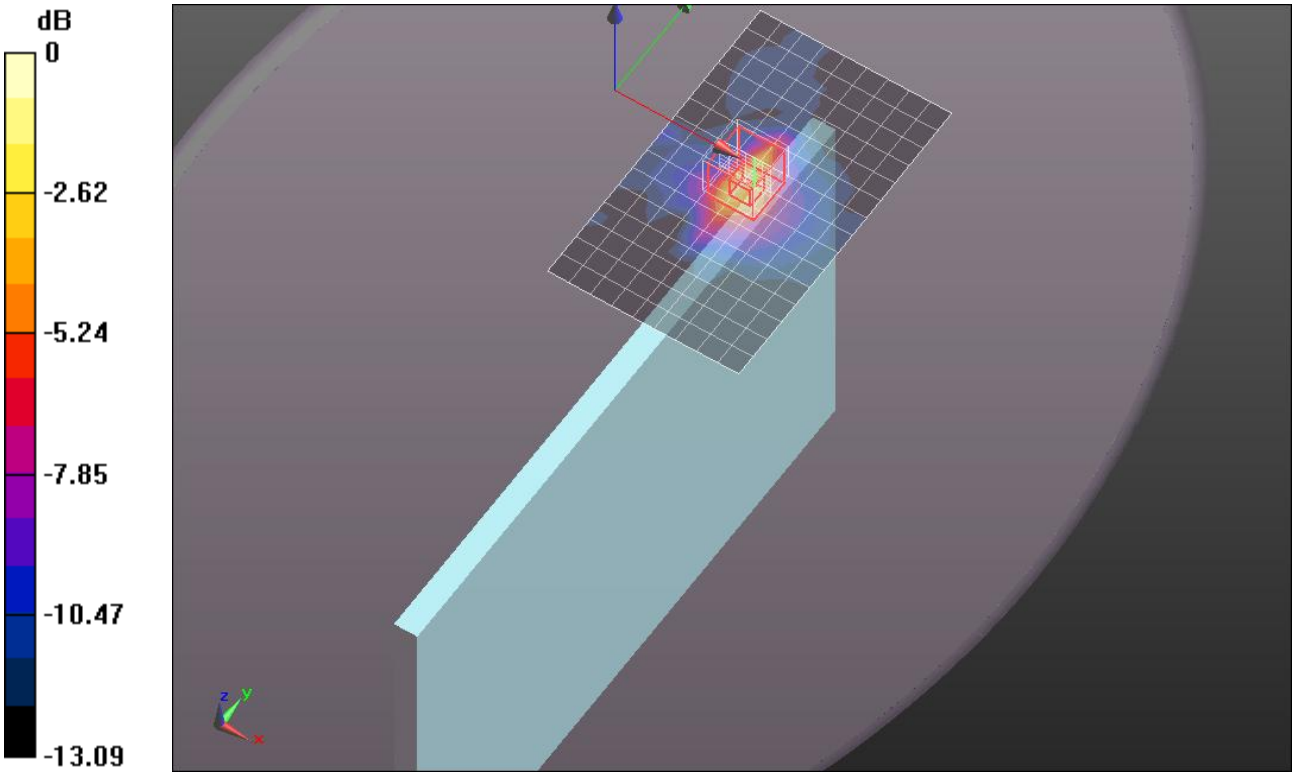
Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.5 GHz Band

Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5520 MHz; σ = 5.652 mho/m; ε_r = 48.396; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 104/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.851 mW/g

Edge 1/802.11a/Main Ant/Ch 104/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 17.523 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.9030
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 1.895 mW/g



0 dB = 1.890mW/g = 5.53 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

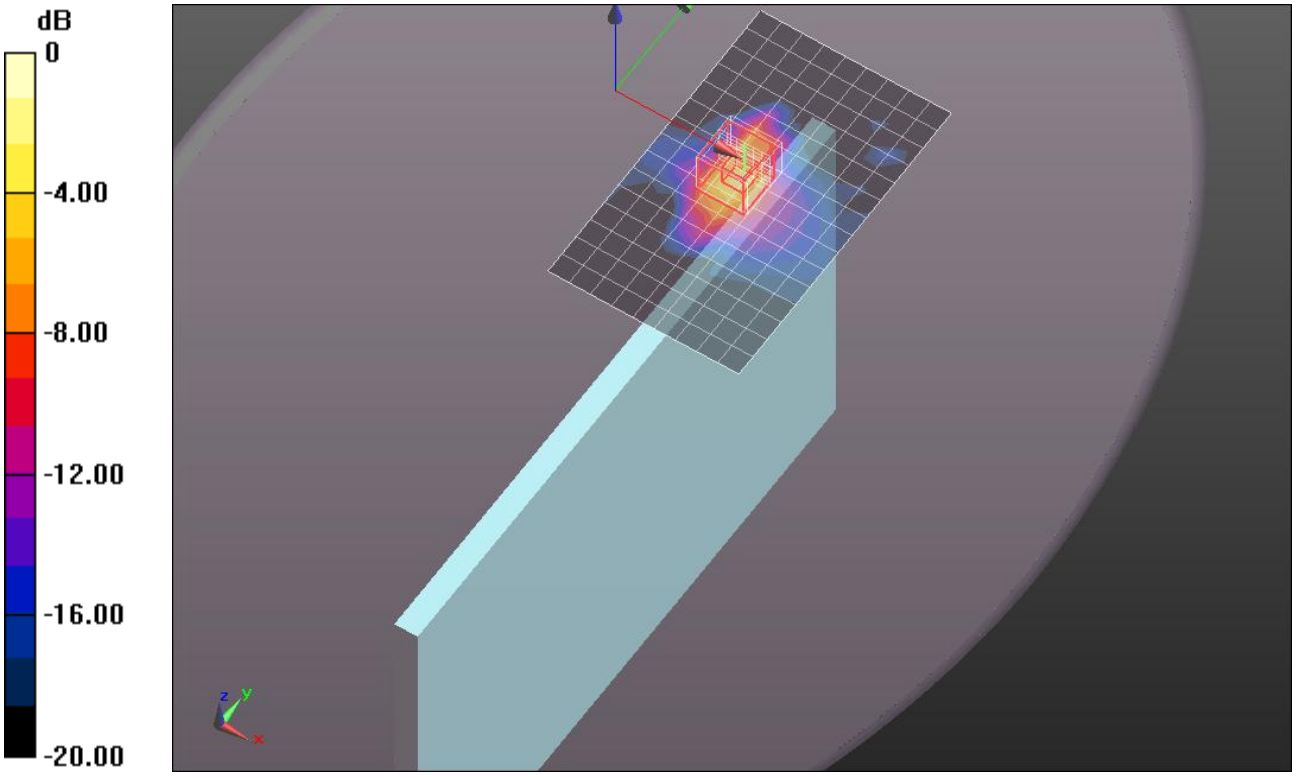
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5580 MHz; σ = 5.759 mho/m; ε_r = 50.369; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 116/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.959 mW/g

Edge 1/802.11a/Main Ant/Ch 116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.624 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 7.6840
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.296 mW/g
Maximum value of SAR (measured) = 2.375 mW/g



0 dB = 2.370mW/g = 7.49 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

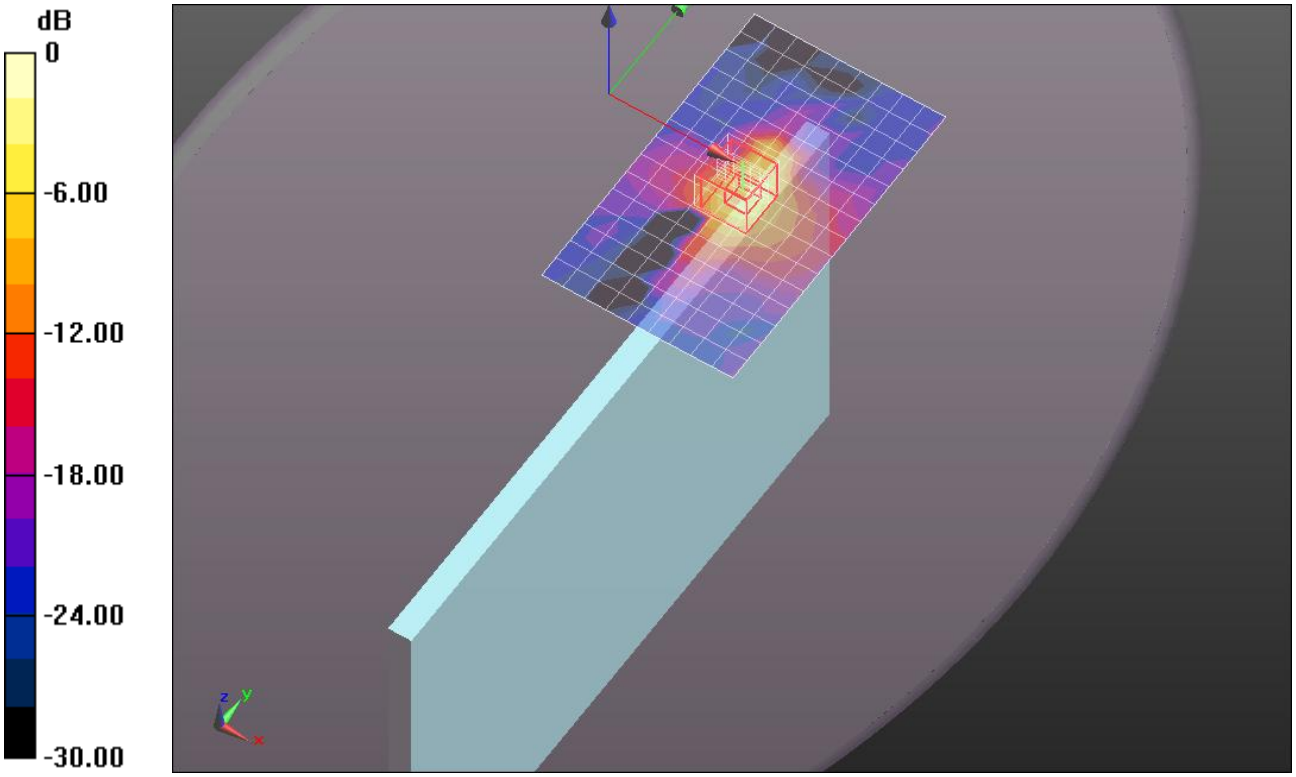
Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5620 MHz; σ = 5.82 mho/m; ε_r = 50.213; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 124/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.029 mW/g

Edge 1/802.11a/Main Ant/Ch 124/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.368 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 4.5020
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.294 mW/g
Maximum value of SAR (measured) = 2.216 mW/g



0 dB = 2.220mW/g = 6.93 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

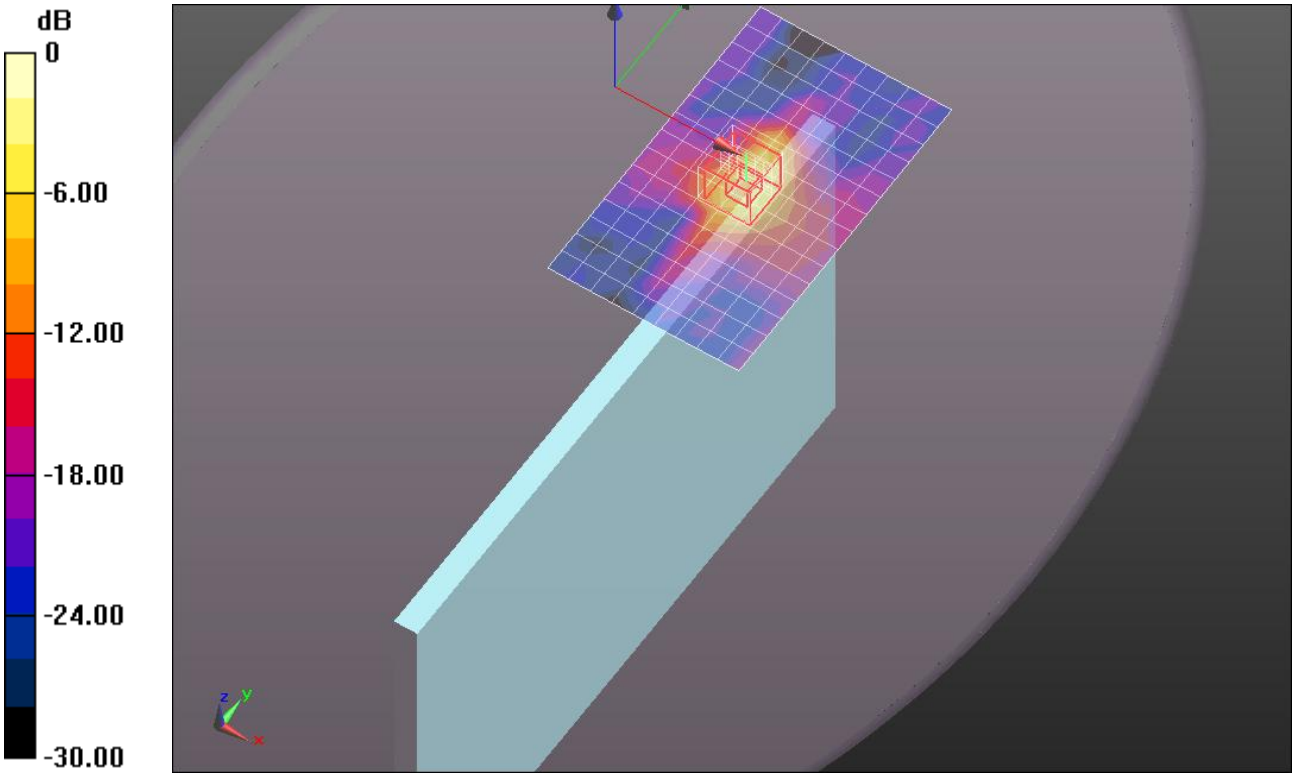
Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5680 MHz; σ = 5.904 mho/m; ε_r = 50.201; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 136/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.083 mW/g

Edge 1/802.11a/Main Ant/Ch 136/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.420 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 4.6680
SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 1.947 mW/g



0 dB = 1.950mW/g = 5.80 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

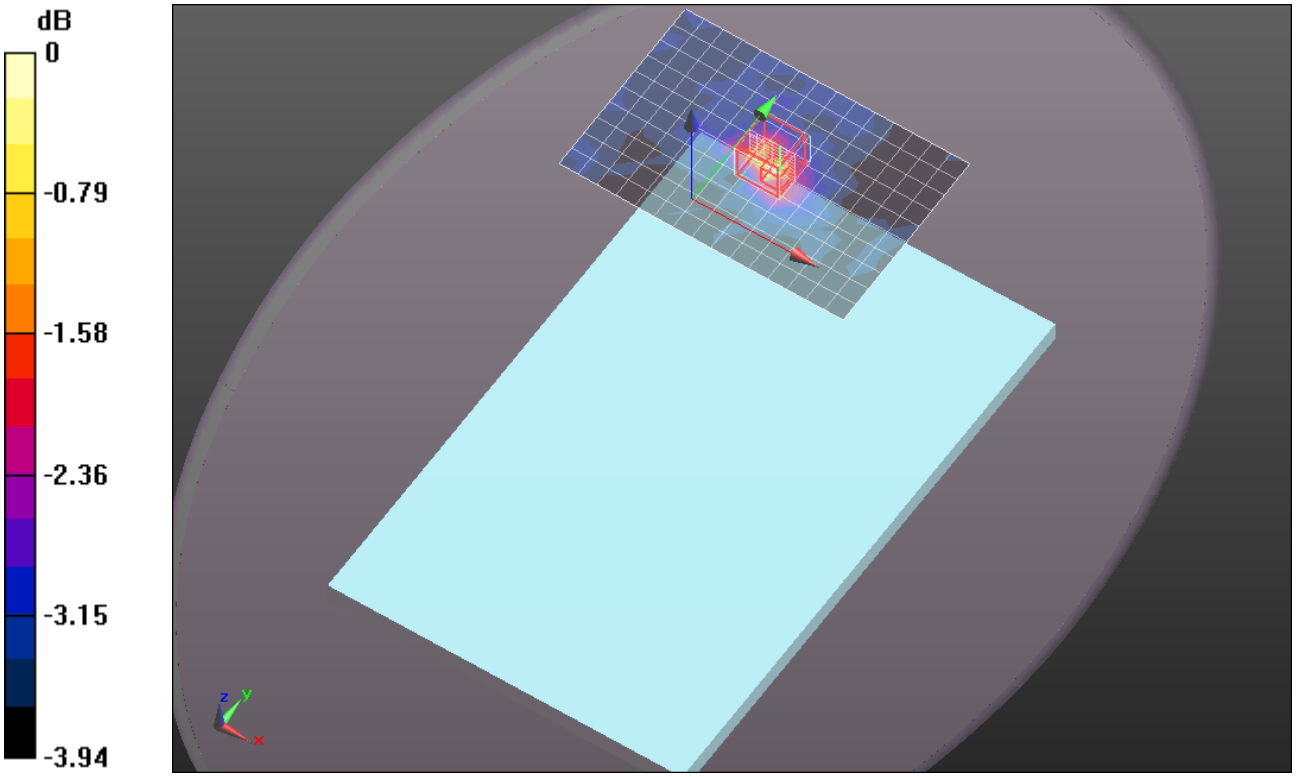
Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5520 MHz; σ = 5.686 mho/m; ε_r = 50.543; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 104/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.076 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 104/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.698 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.3710
SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.633 mW/g
Maximum value of SAR (measured) = 1.086 mW/g



0 dB = 1.090mW/g = 0.75 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/9/2012

WiFi 5.5 GHz Band

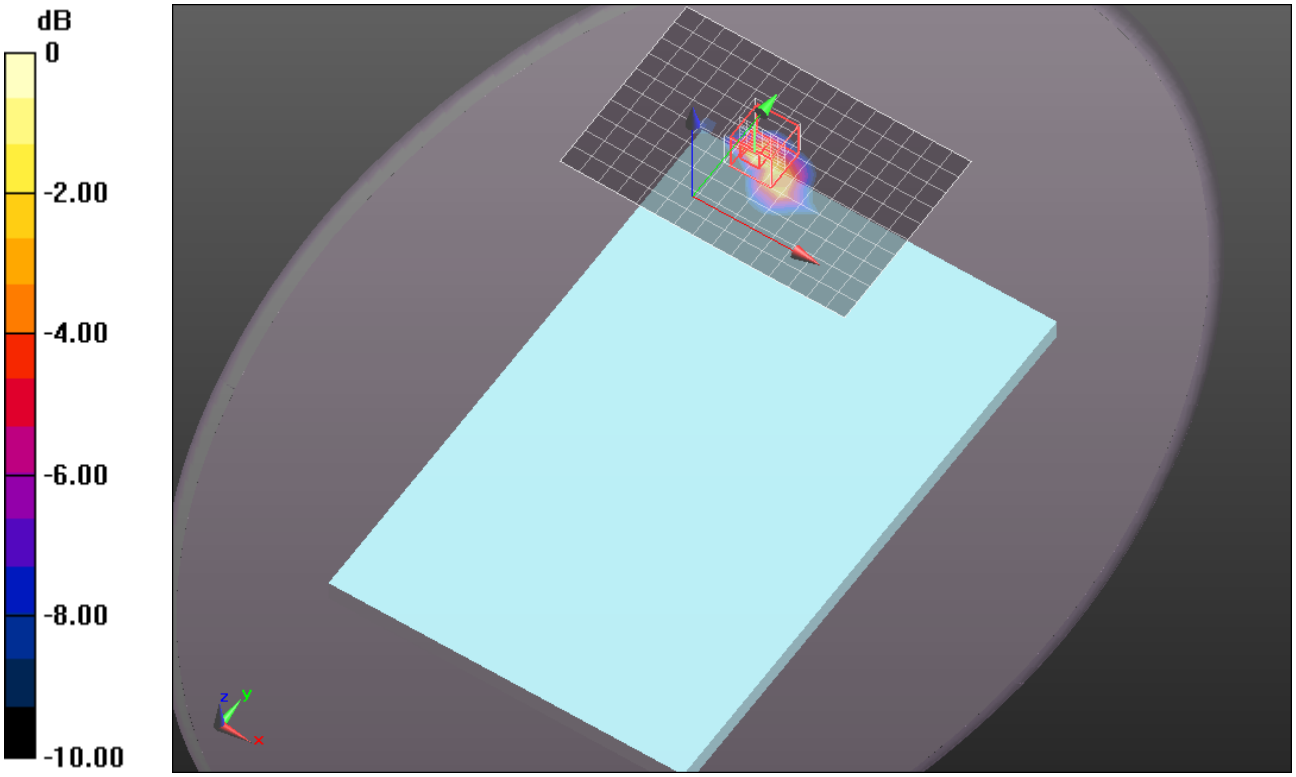
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5580 MHz; σ = 5.719 mho/m; ε_r = 48.175; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 116/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.510 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 17.228 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.4510
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 1.644 mW/g



0 dB = 1.640mW/g = 4.30 dB mW/g

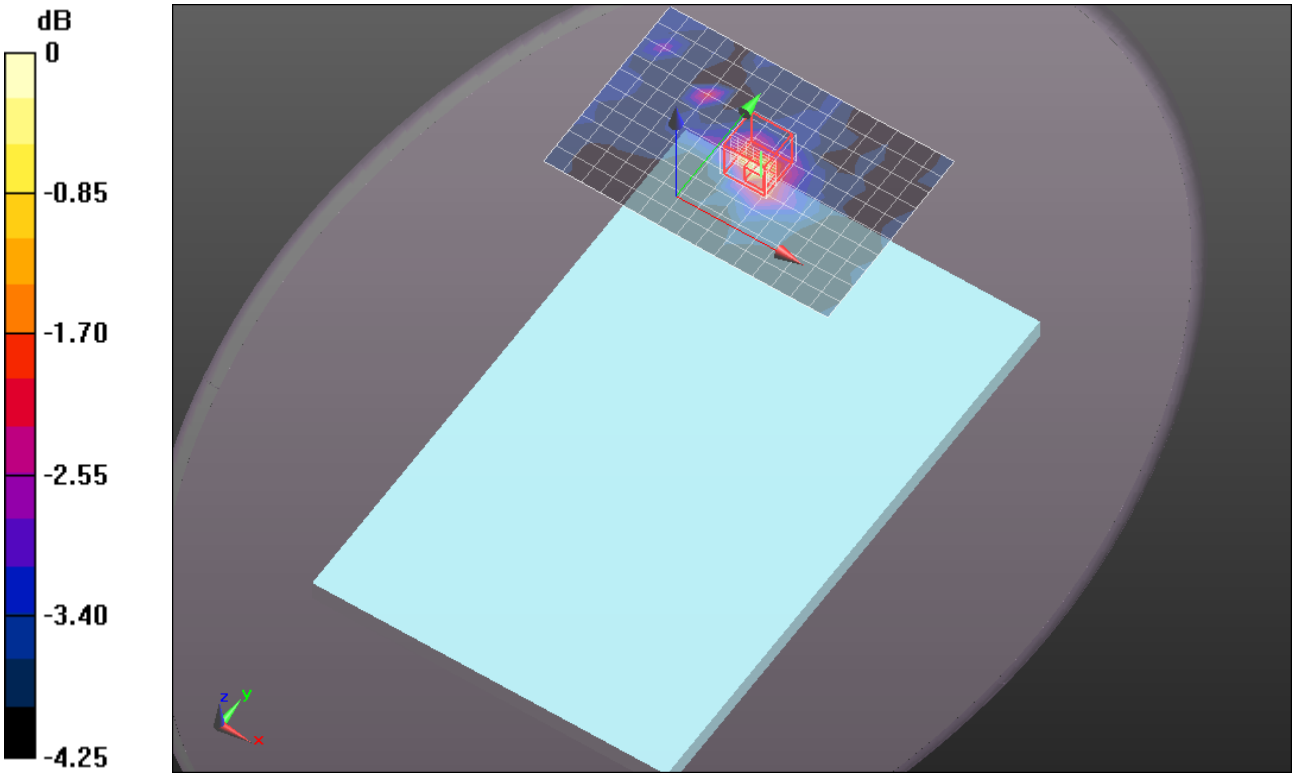
Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5620 MHz; σ = 5.82 mho/m; ε_r = 50.213; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 124/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.209 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 124/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 15.527 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.0960
SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.673 mW/g
Maximum value of SAR (measured) = 1.258 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

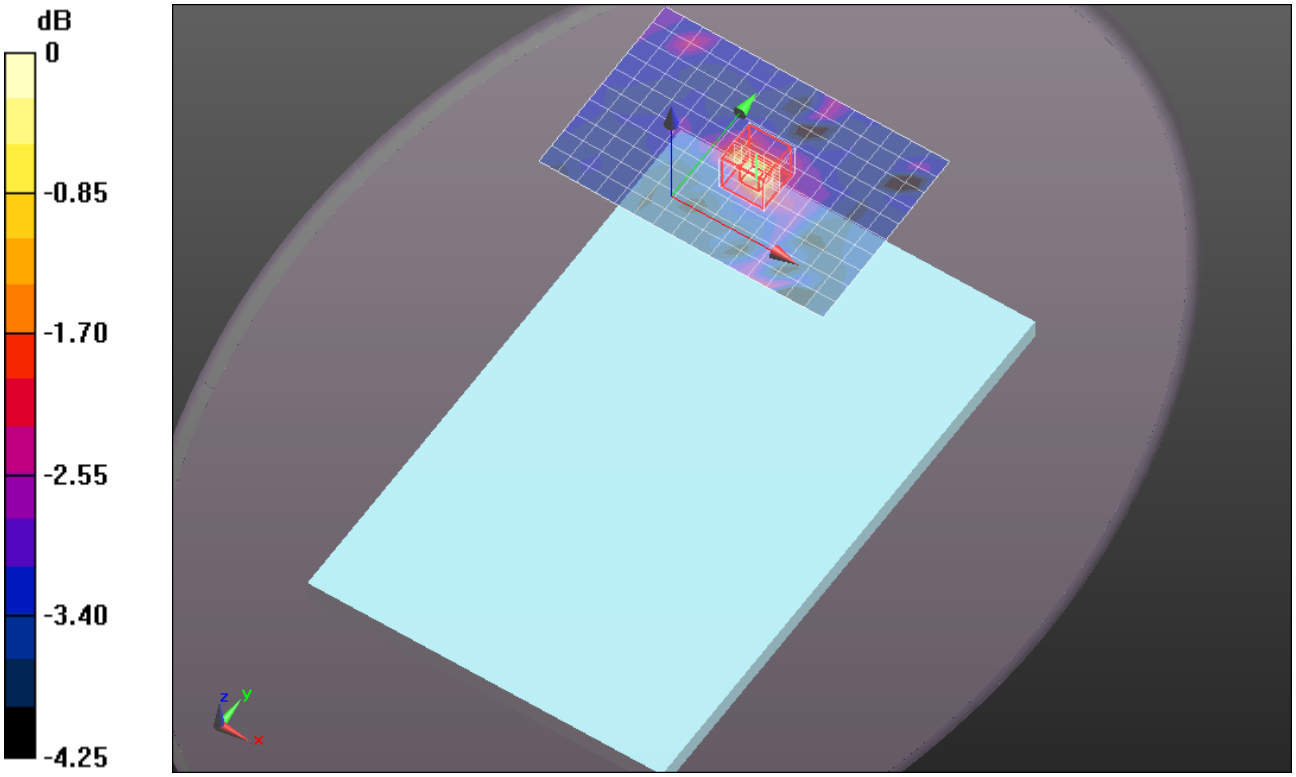
Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5680 MHz; σ = 5.904 mho/m; ε_r = 50.201; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 136/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.160 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 136/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 15.146 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 2.5180
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.683 mW/g
Maximum value of SAR (measured) = 1.194 mW/g



0 dB = 1.190mW/g = 1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

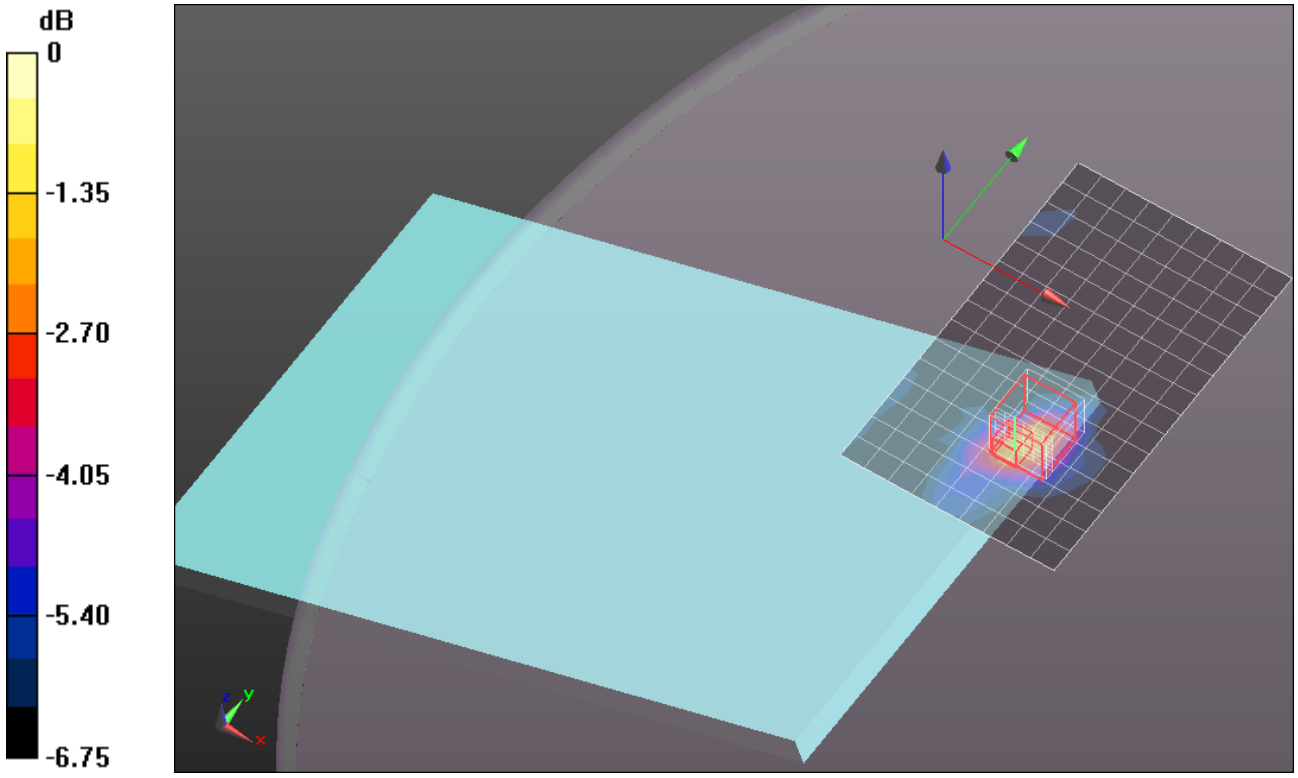
Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5520 MHz; σ = 5.686 mho/m; ε_r = 50.543; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 104/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.860 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 104/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.909 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.8120
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.413 mW/g
Maximum value of SAR (measured) = 1.135 mW/g



0 dB = 1.130mW/g = 1.06 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

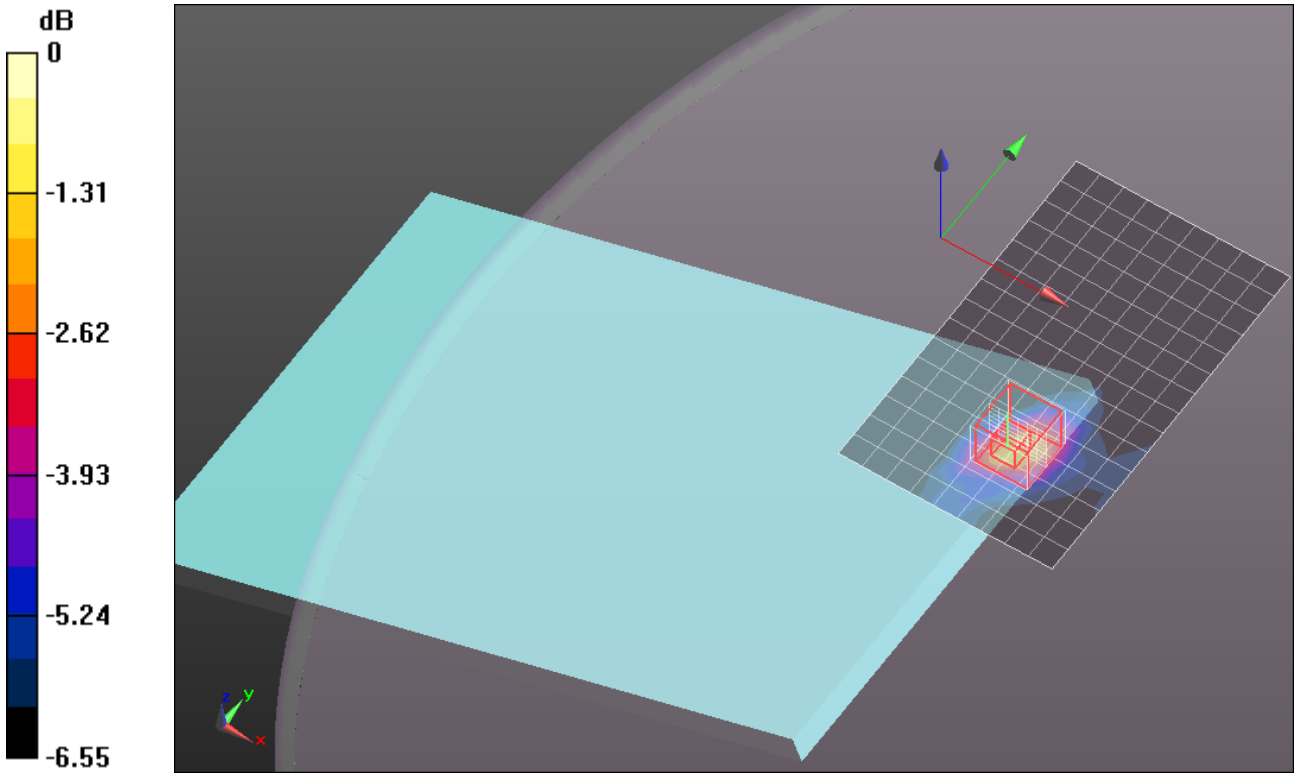
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5580 MHz; σ = 5.759 mho/m; ε_r = 50.369; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 116/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.827 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 116/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.954 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.6830
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.425 mW/g
Maximum value of SAR (measured) = 1.168 mW/g



0 dB = 1.170mW/g = 1.36 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

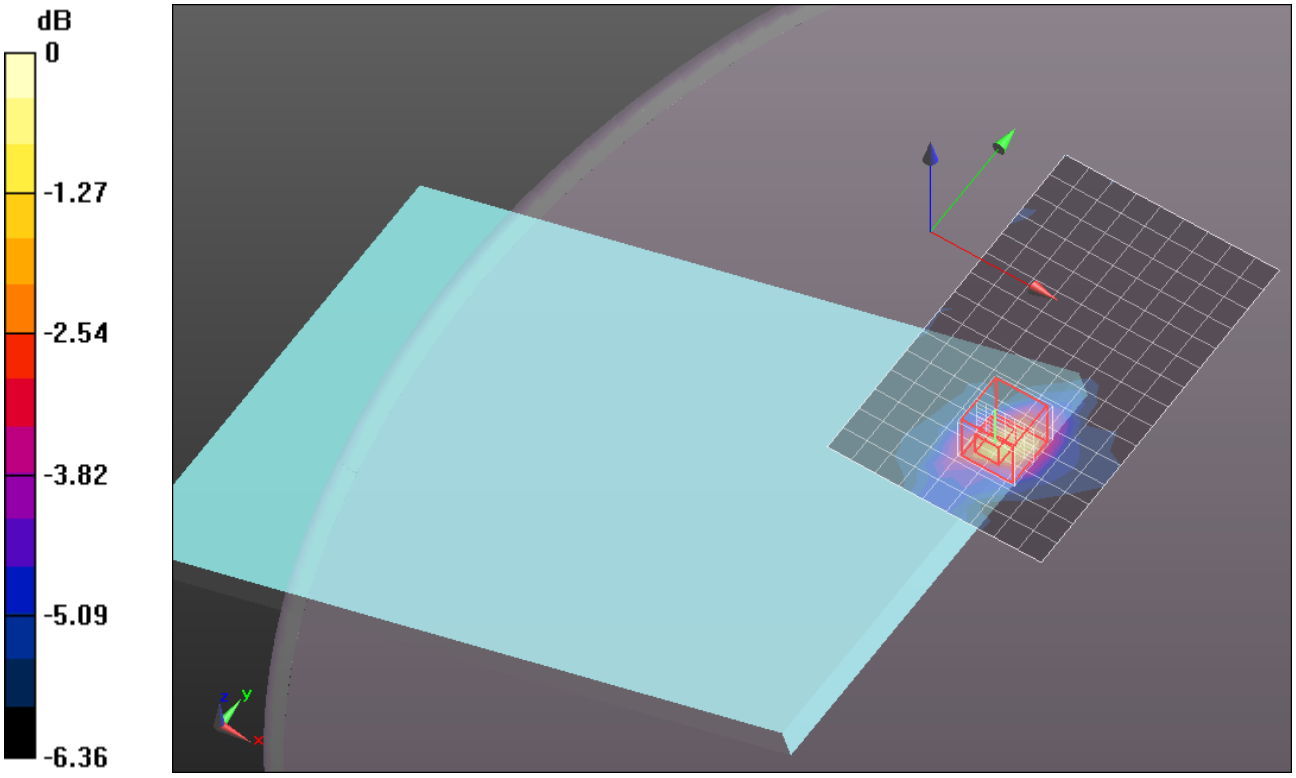
Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5620 MHz; σ = 5.82 mho/m; ε_r = 50.213; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 124/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.811 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 124/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.903 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 3.3550
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 1.111 mW/g



0 dB = 1.110mW/g = 0.91 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

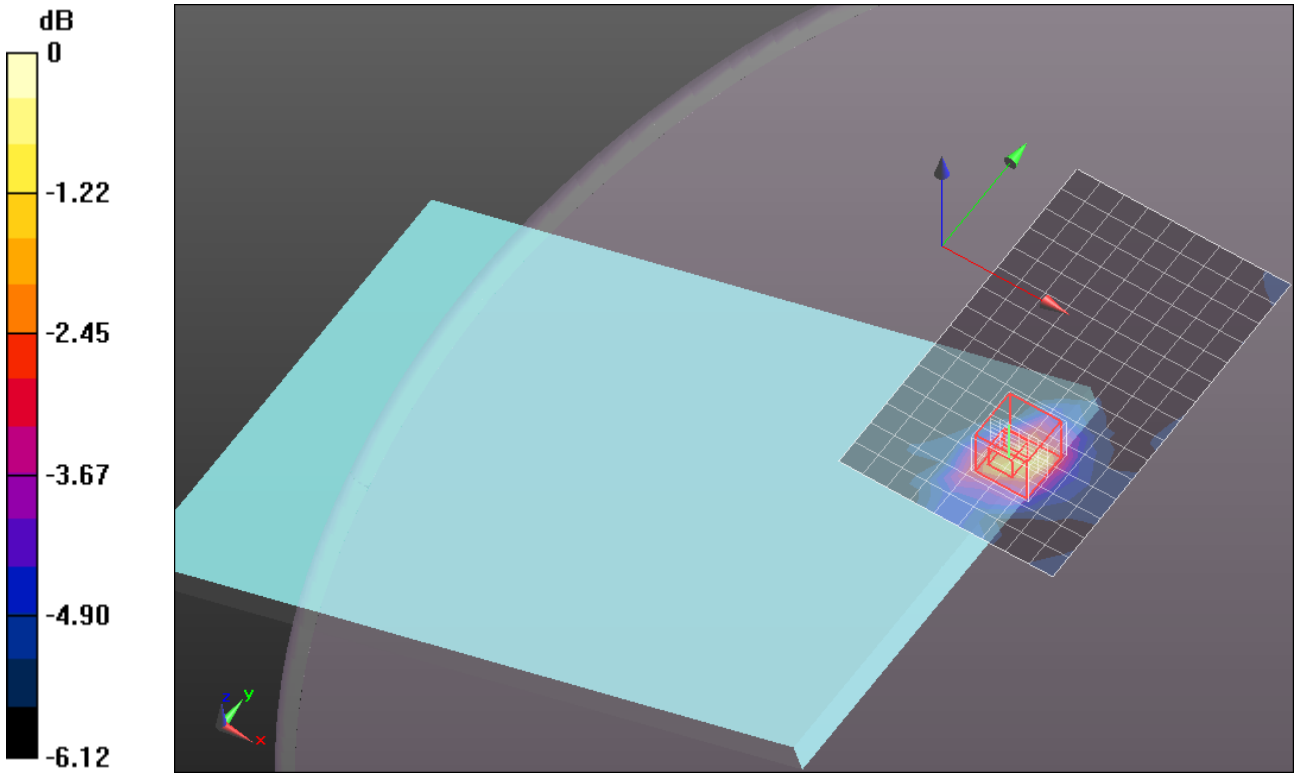
Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5680 MHz; σ = 5.904 mho/m; ε_r = 50.201; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 136/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.791 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 136/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.787 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.8360
SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 1.085 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g

WiFi 5.5 GHz Band

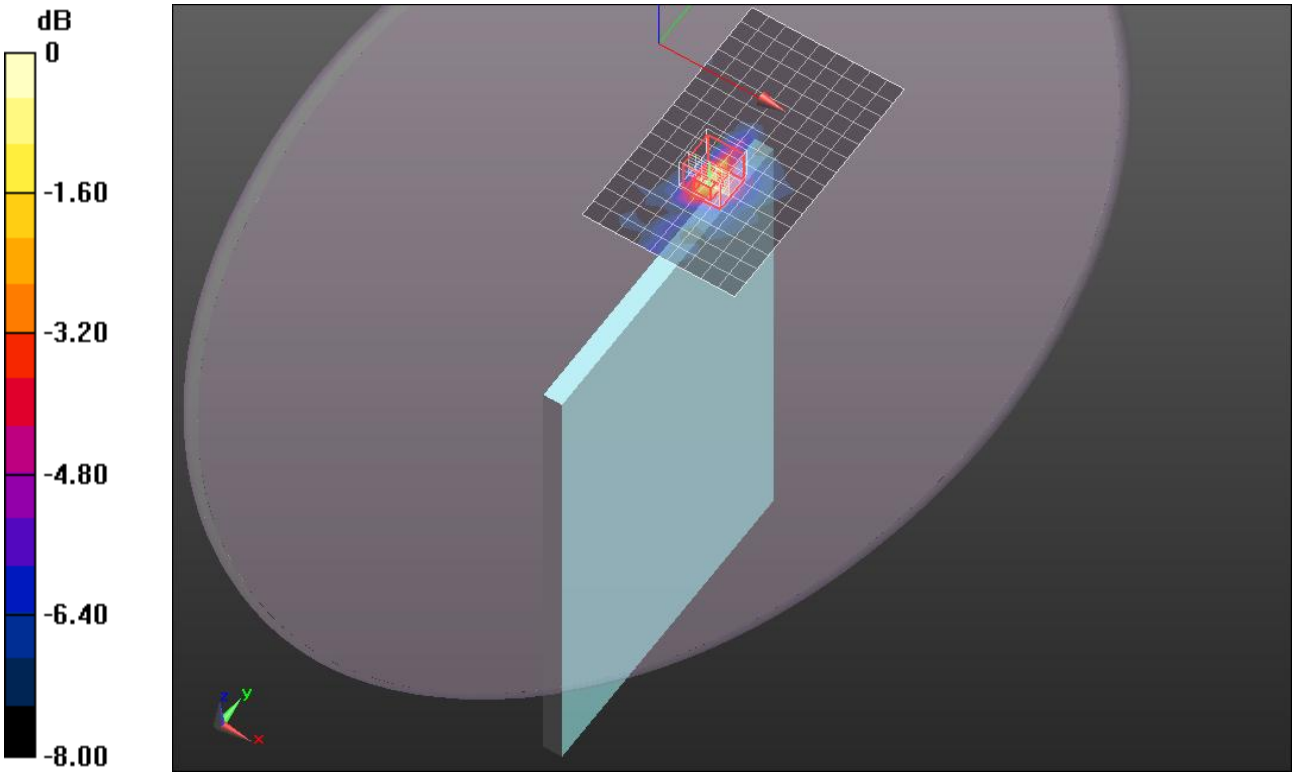
Frequency: 5520 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5520 MHz; σ = 5.686 mho/m; ε_r = 50.543; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 104/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.739 mW/g

Edge 2/802.11a/Aux Ant/Ch 104/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.291 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.5450
SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



0 dB = 0.880mW/g = -1.11 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

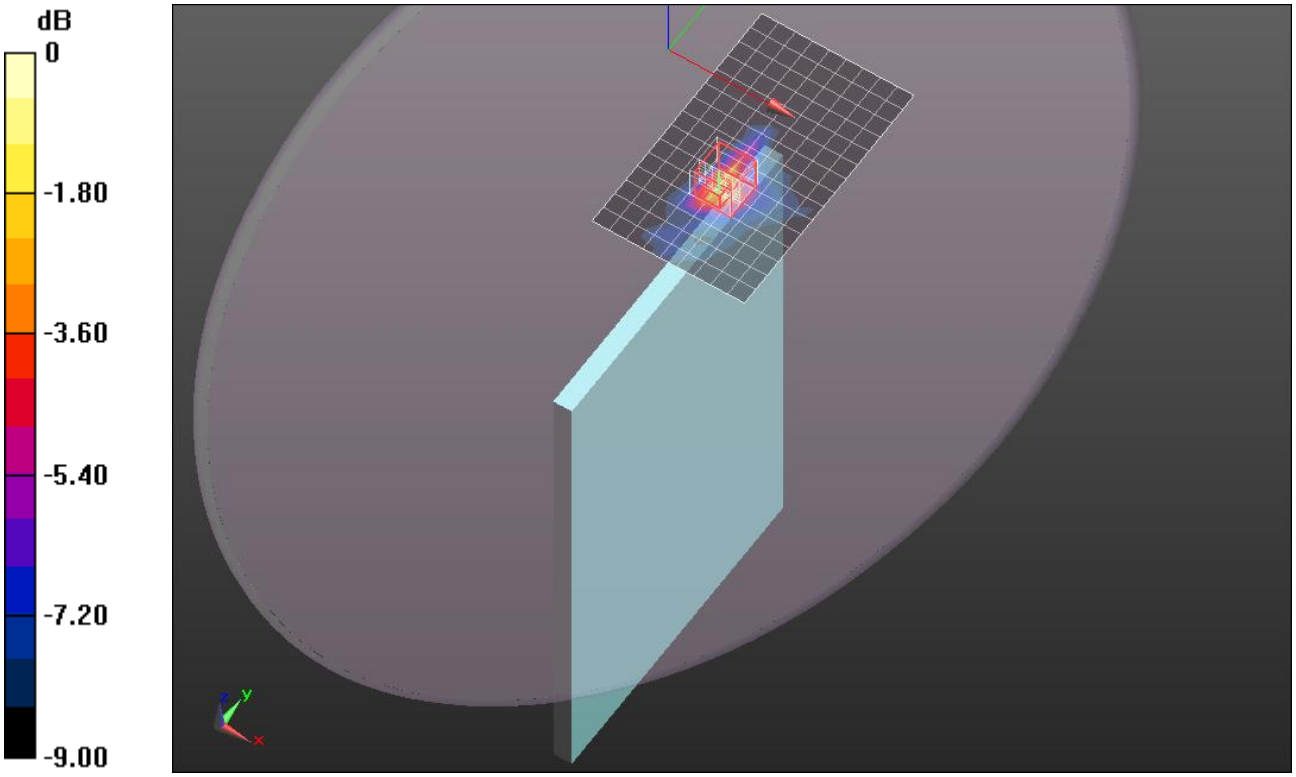
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5580 MHz; σ = 5.759 mho/m; ε_r = 50.369; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 116/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.912 mW/g

Edge 2/802.11a/Aux Ant/Ch 116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.257 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.2160
SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.314 mW/g
Maximum value of SAR (measured) = 1.191 mW/g



0 dB = 1.190mW/g = 1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

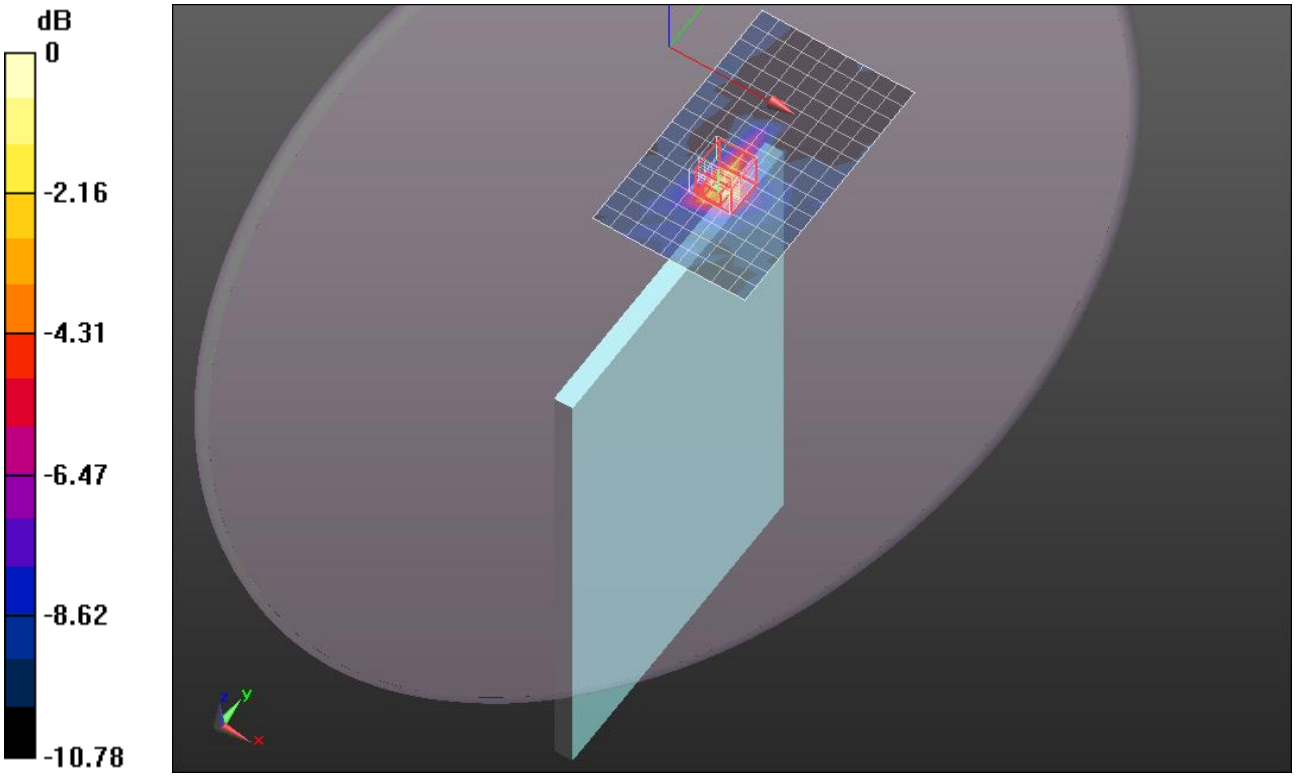
Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5620 MHz; σ = 5.82 mho/m; ε_r = 50.213; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 124/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.154 mW/g

Edge 2/802.11a/Aux Ant/Ch 124/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.998 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 3.5340
SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 1.555 mW/g



0 dB = 1.560mW/g = 3.86 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/10/2012

WiFi 5.5 GHz Band

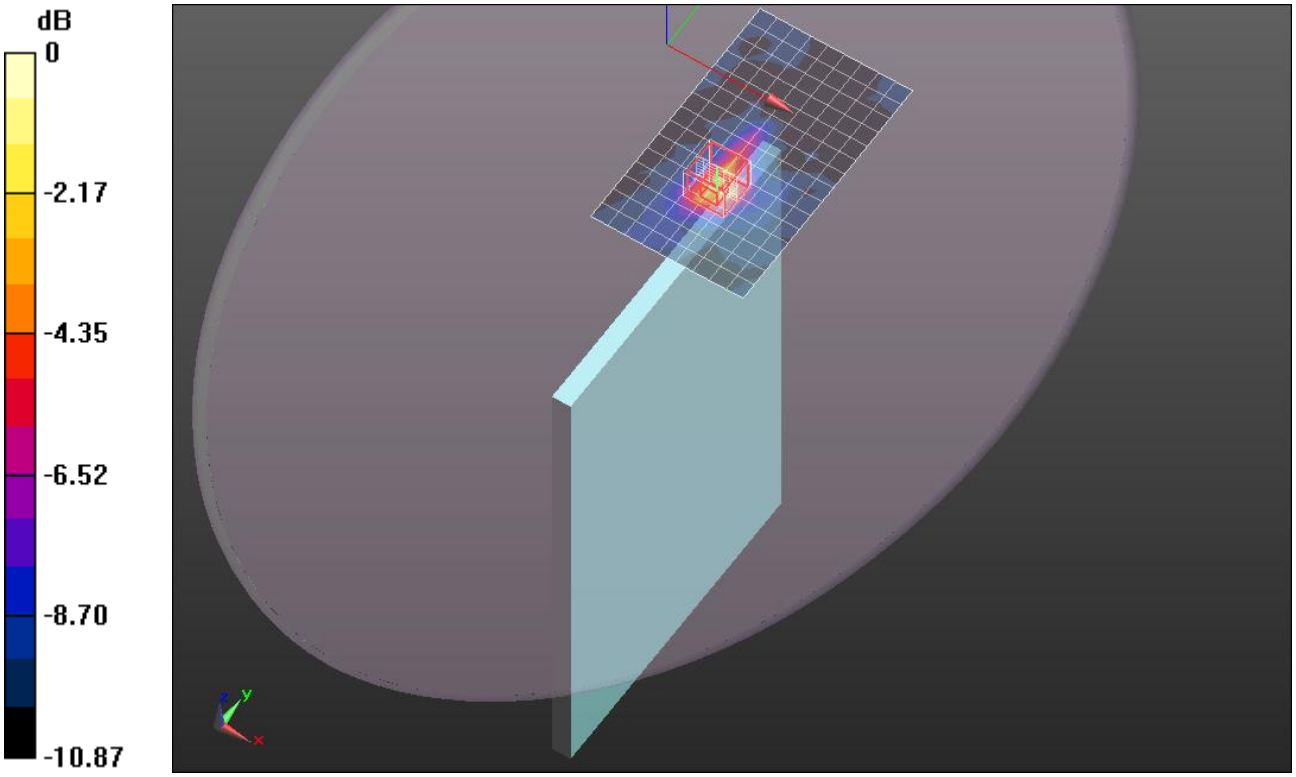
Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5680 MHz; σ = 5.904 mho/m; ε_r = 50.201; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.44, 3.44, 3.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 136/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.082 mW/g

Edge 2/802.11a/Aux Ant/Ch 136/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.218 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.7620
SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.342 mW/g
Maximum value of SAR (measured) = 1.448 mW/g



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

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

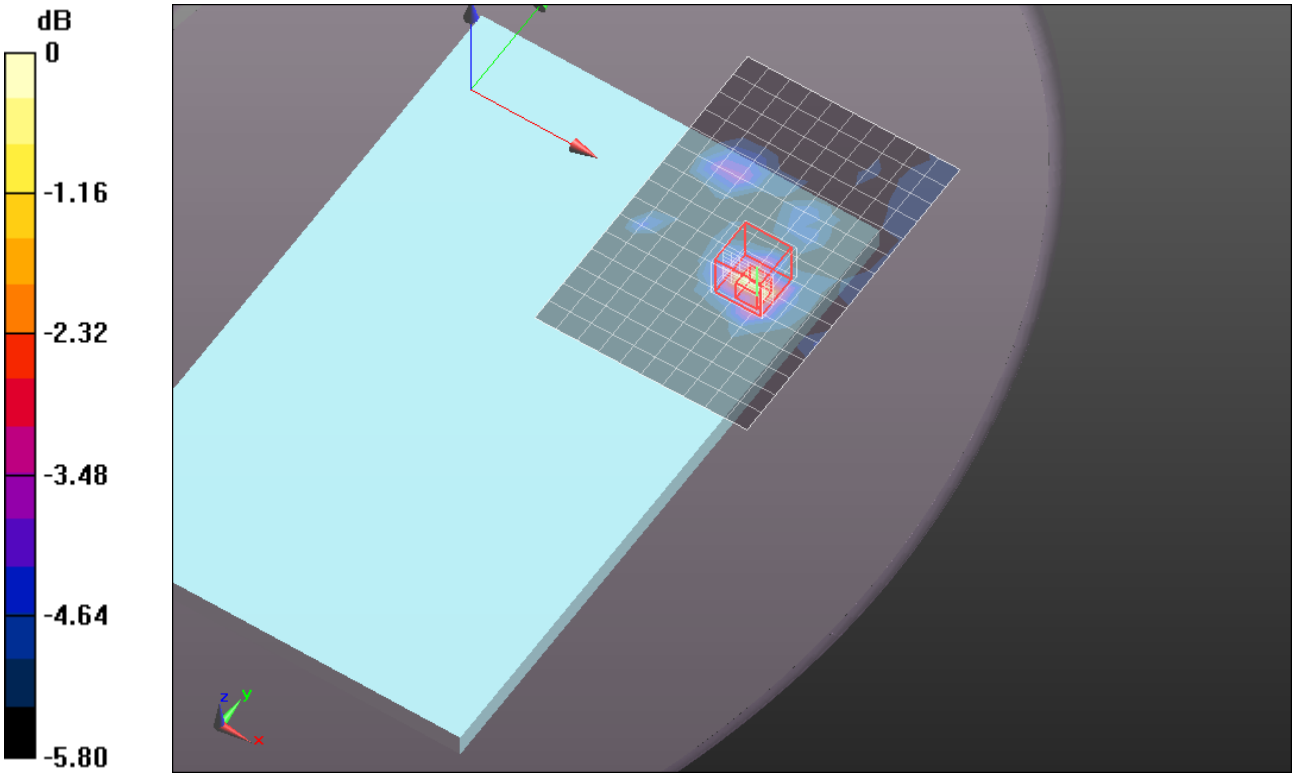
Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5745 MHz; σ = 6.117 mho/m; ε_r = 47.469; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 149/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.594 mW/g

Rear/Touch/802.11a/Main Ant/Ch 149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.716 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 6.5600
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.735 mW/g
Maximum value of SAR (measured) = 1.854 mW/g



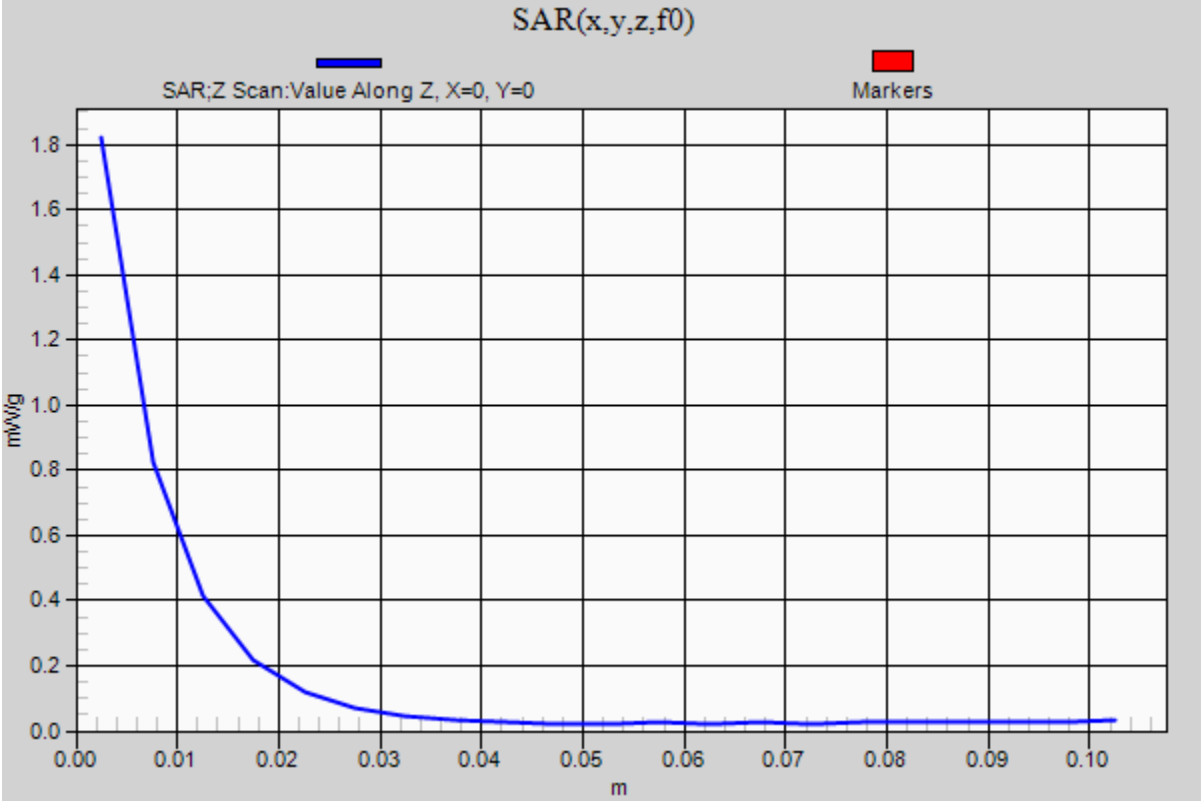
0 dB = 1.850mW/g = 5.34 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

Frequency: 5745 MHz; Duty Cycle: 1:1

Rear/Touch/802.11a/Main Ant/Ch 149/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.821 mW/g



Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

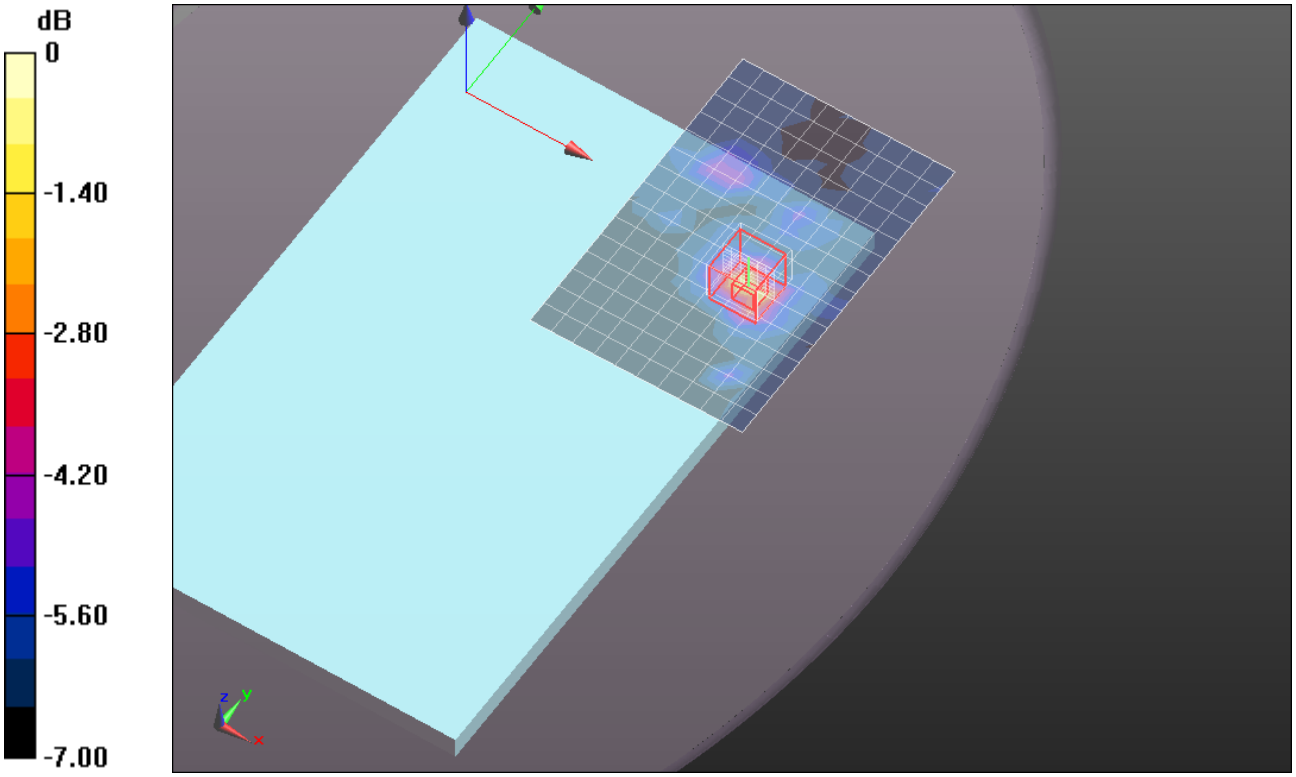
Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5785 MHz; σ = 6.108 mho/m; ε_r = 47.58; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 157/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.758 mW/g

Rear/Touch/802.11a/Main Ant/Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.476 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.9430
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 2.155 mW/g



0 dB = 2.160mW/g = 6.69 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

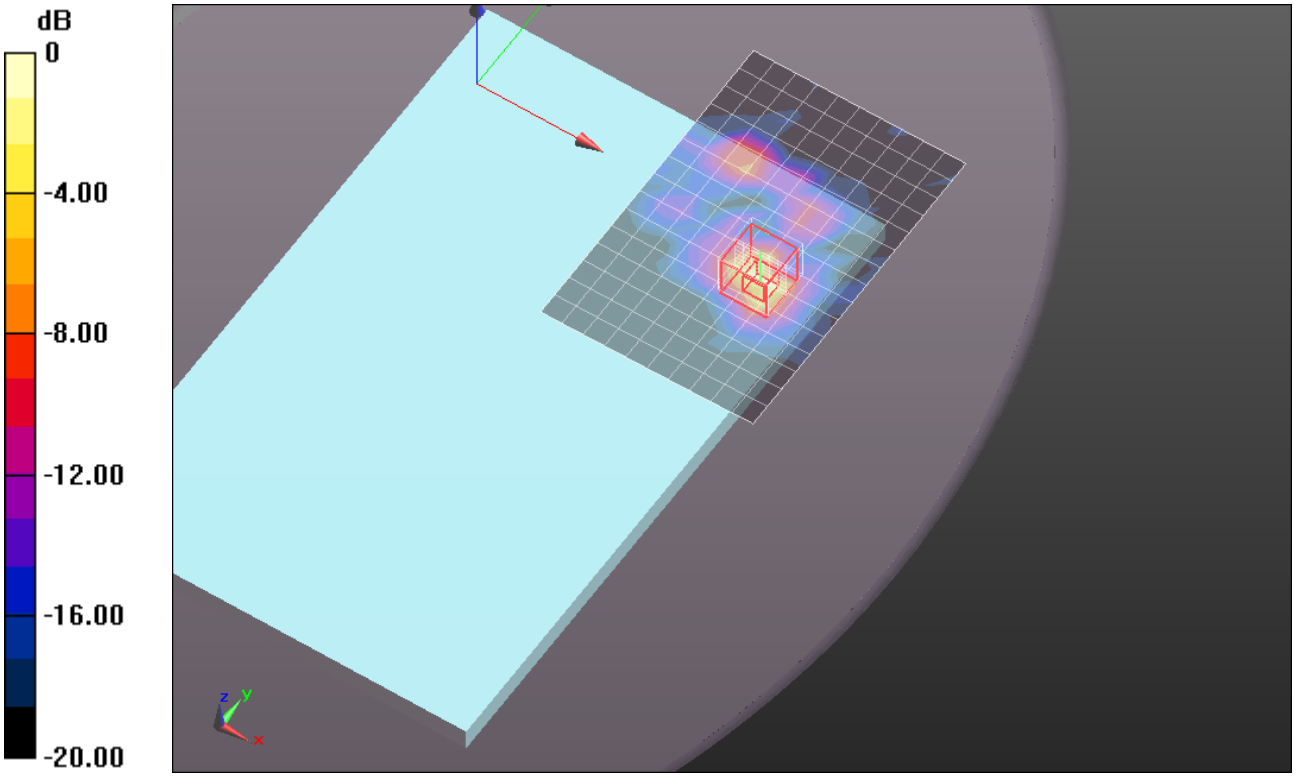
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5825 MHz; σ = 6.205 mho/m; ε_r = 47.154; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Main Ant/Ch 165/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.655 mW/g

Rear/Touch/802.11a/Main Ant/Ch 165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.340 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.6440
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 2.558 mW/g



0 dB = 2.560mW/g = 8.16 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

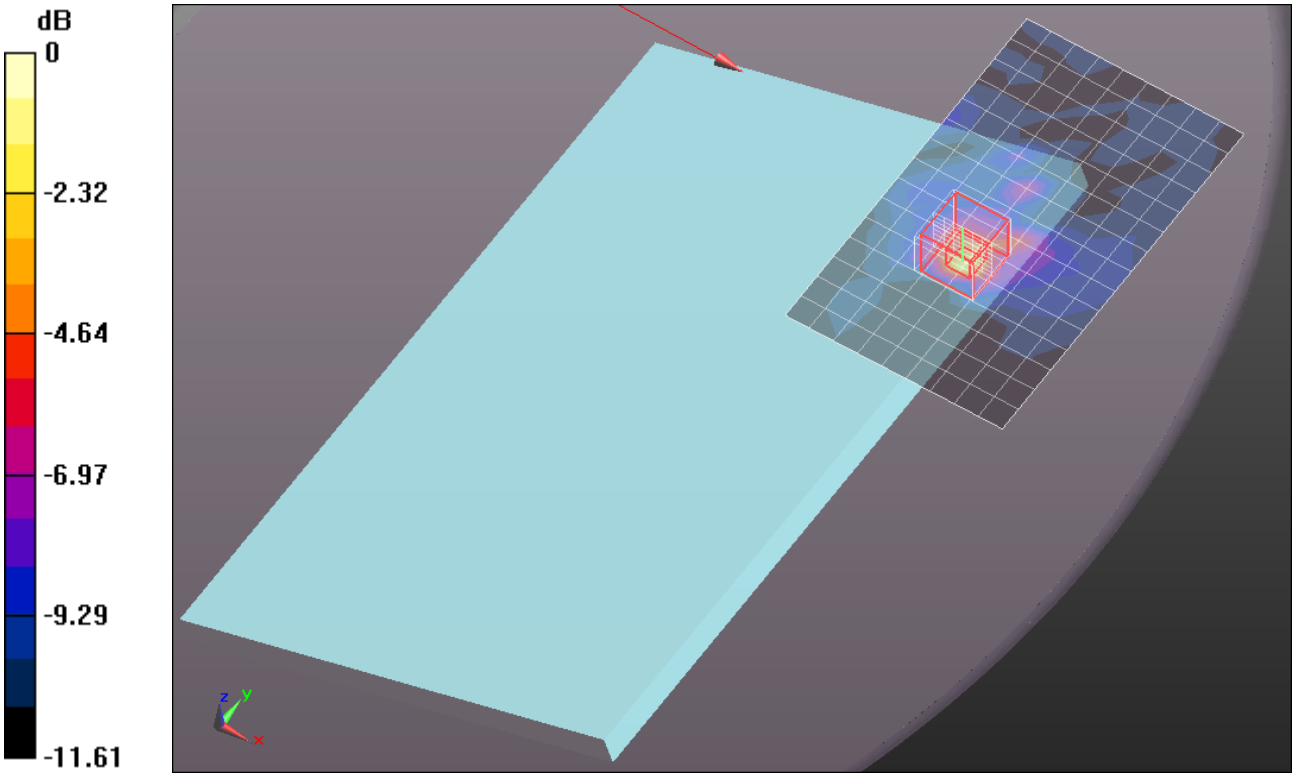
Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5745 MHz; σ = 6.117 mho/m; ε_r = 47.469; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 149/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.423 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 149/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 16.448 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 5.0800
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 1.839 mW/g



0 dB = 1.840mW/g = 5.30 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

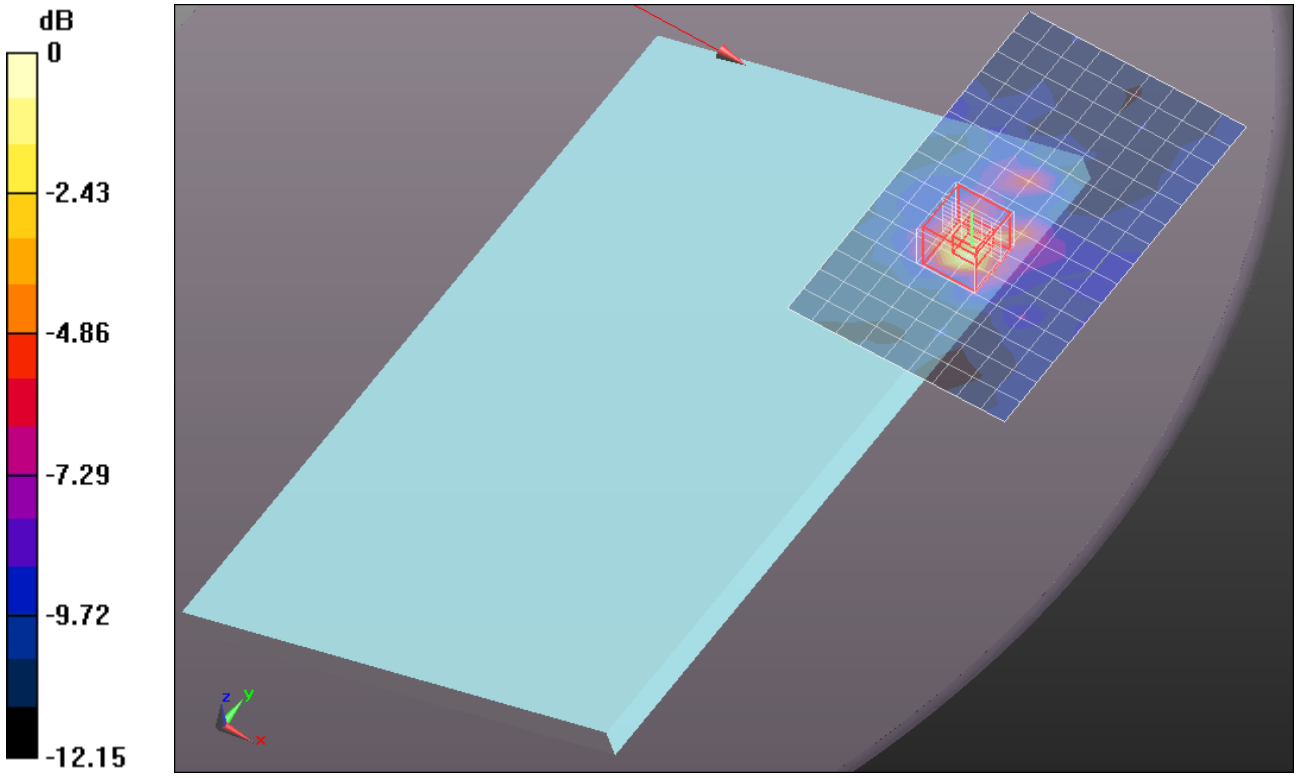
Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5785 MHz; σ = 6.108 mho/m; ε_r = 47.58; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 157/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.591 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 157/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.432 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 5.2010
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 1.844 mW/g



0 dB = 1.840mW/g = 5.30 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

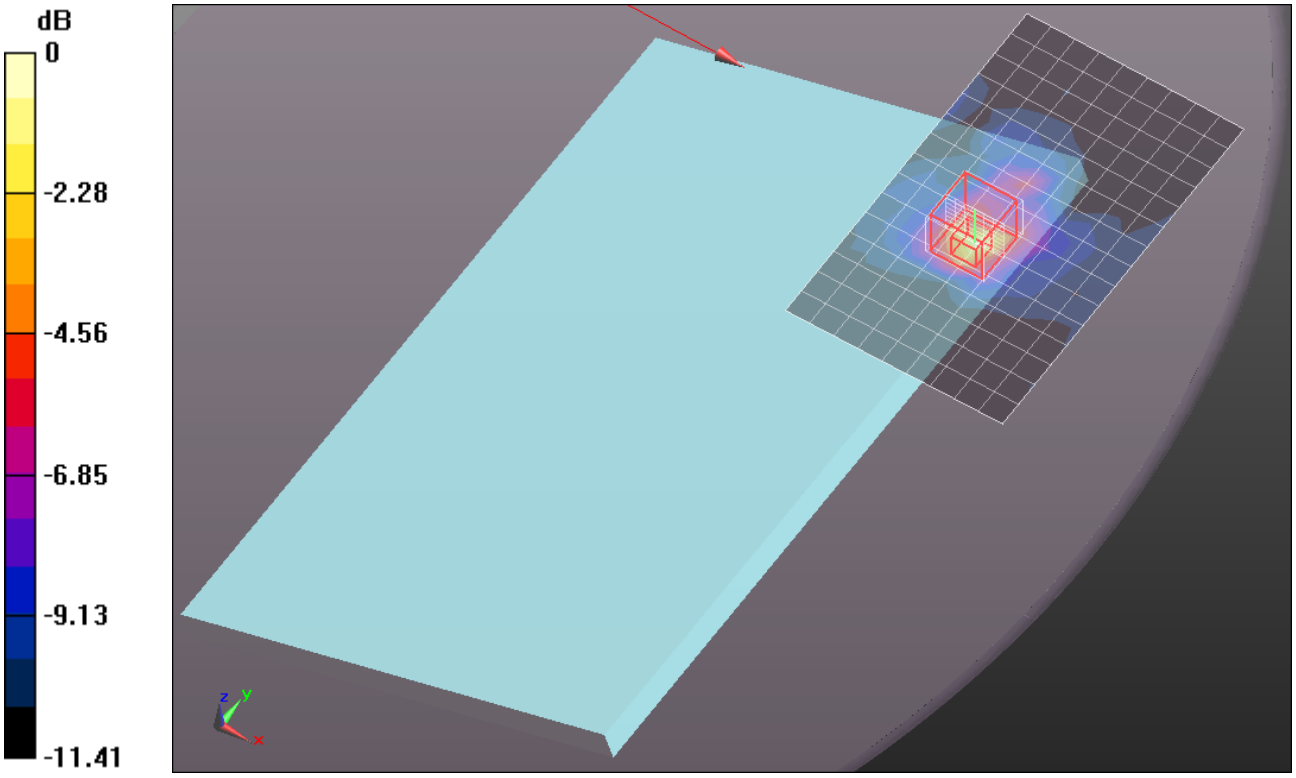
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5825 MHz; σ = 6.205 mho/m; ε_r = 47.154; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 165/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.627 mW/g

Rear/20 deg. tilt @ Edge 1/802.11a/Main Ant/Ch 165/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.105 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 5.3830
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 1.882 mW/g



0 dB = 1.880mW/g = 5.48 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

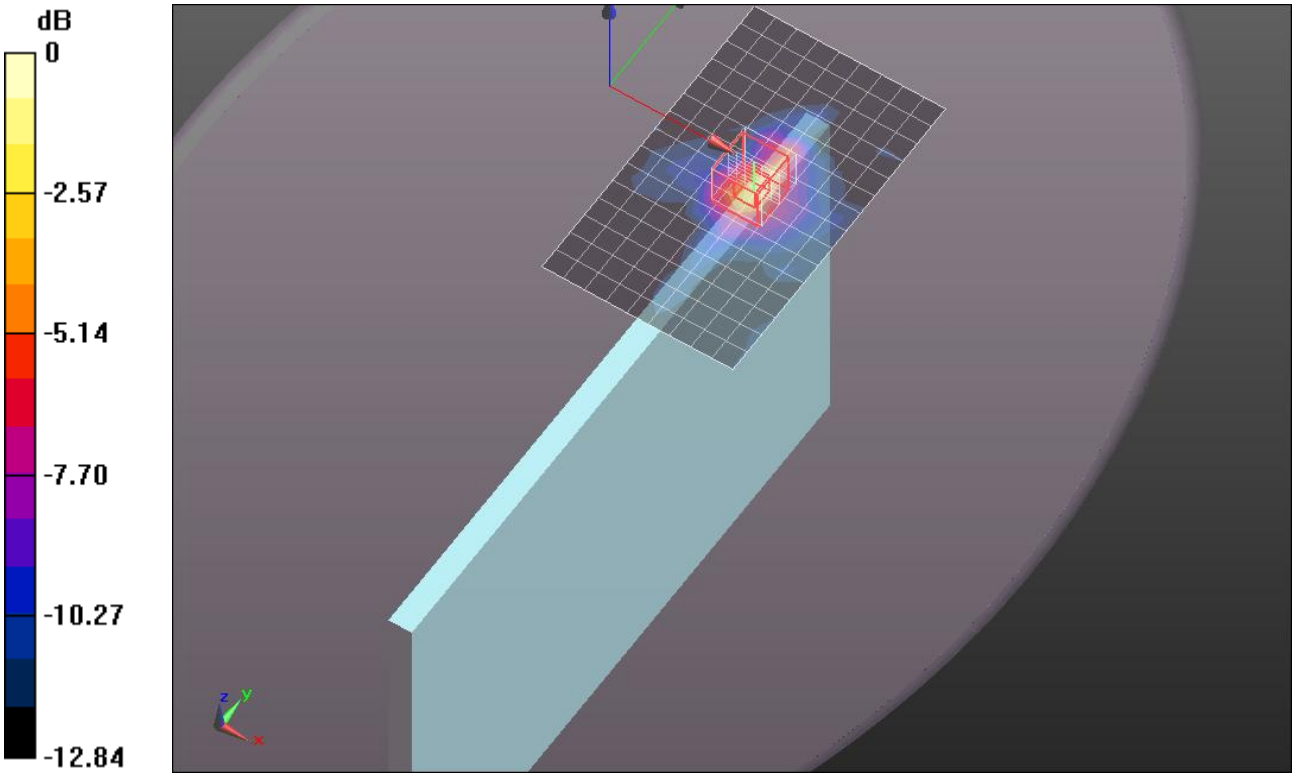
Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5745 MHz; σ = 6.117 mho/m; ε_r = 47.469; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 149/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.443 mW/g

Edge 1/802.11a/Main Ant/Ch 149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 16.399 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 5.4900
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 2.251 mW/g



0 dB = 2.250mW/g = 7.04 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

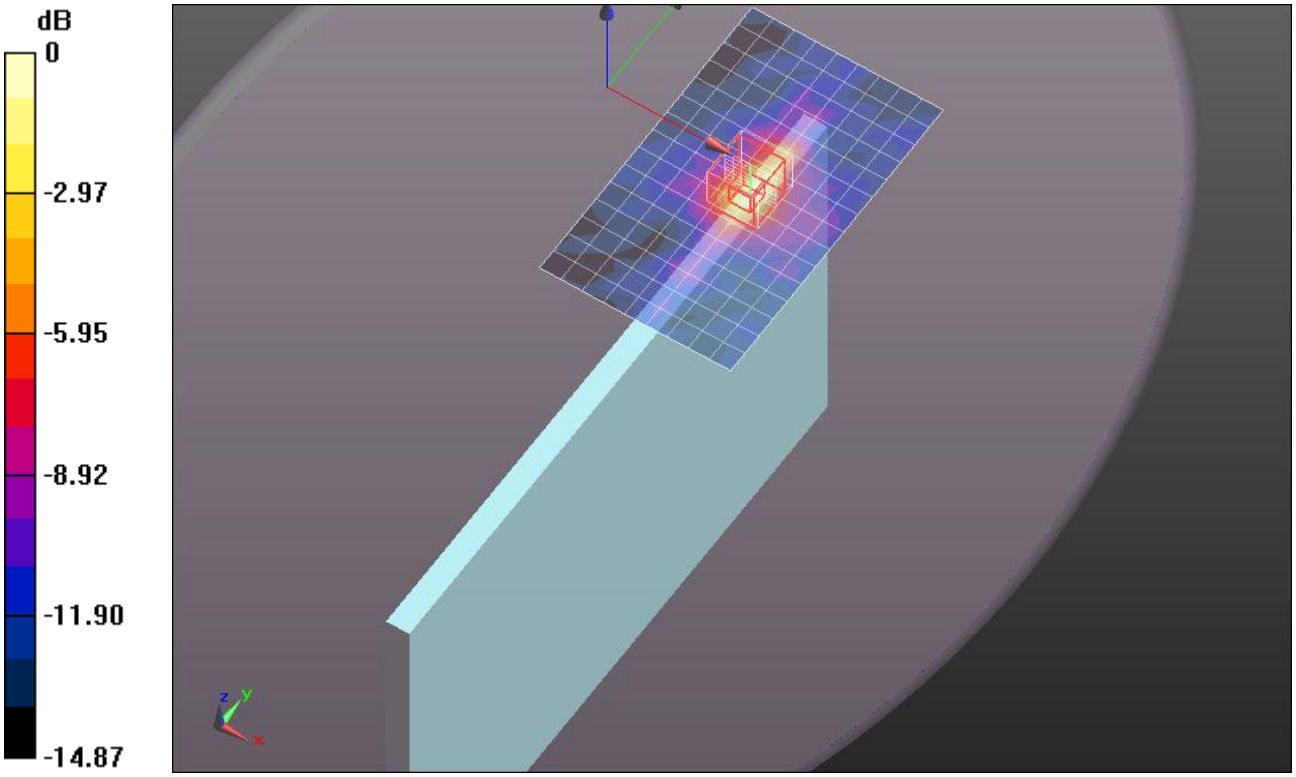
Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5785 MHz; σ = 6.108 mho/m; ε_r = 47.58; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 157/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.732 mW/g

Edge 1/802.11a/Main Ant/Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 18.087 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 5.7280
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.466 mW/g
Maximum value of SAR (measured) = 2.266 mW/g



0 dB = 2.270mW/g = 7.12 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

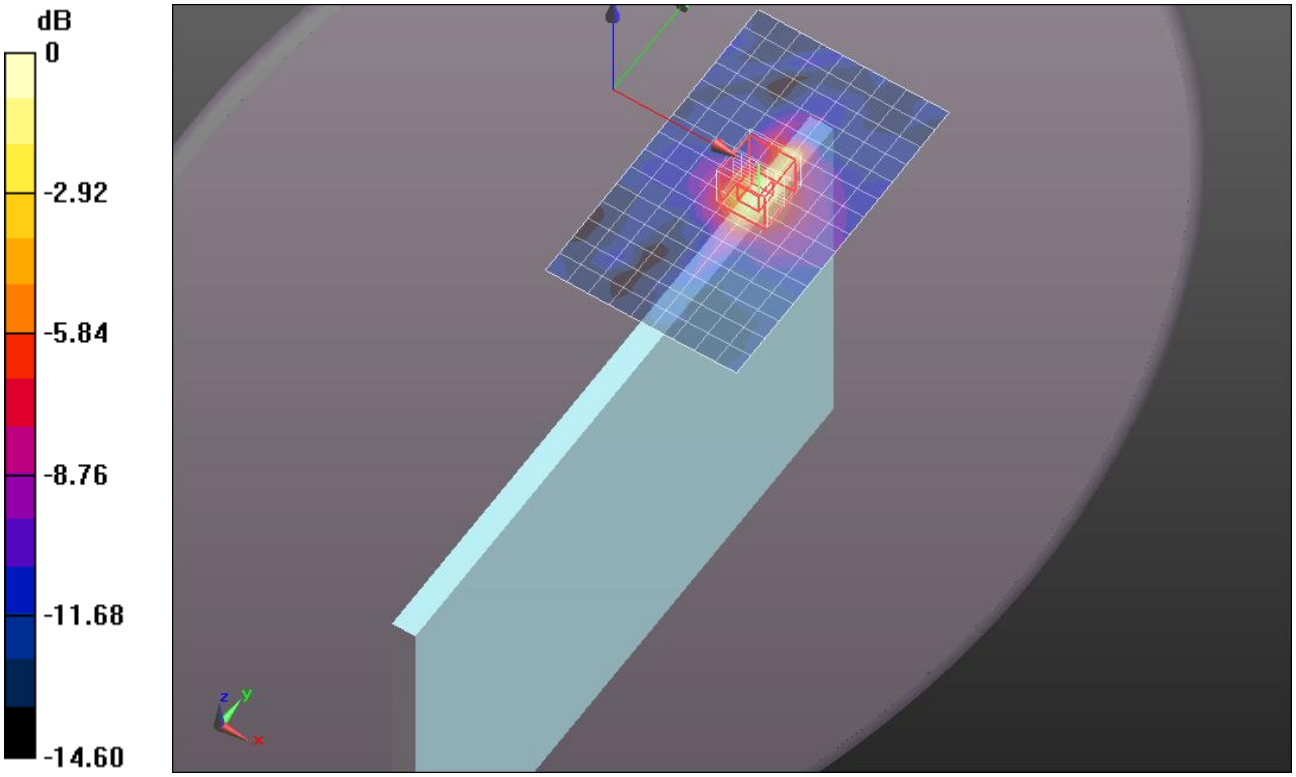
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5825 MHz; σ = 6.205 mho/m; ε_r = 47.154; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1/802.11a/Main Ant/Ch 165/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.896 mW/g

Edge 1/802.11a/Main Ant/Ch 165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 18.927 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 4.8910
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 2.263 mW/g



0 dB = 2.260mW/g = 7.08 dB mW/g

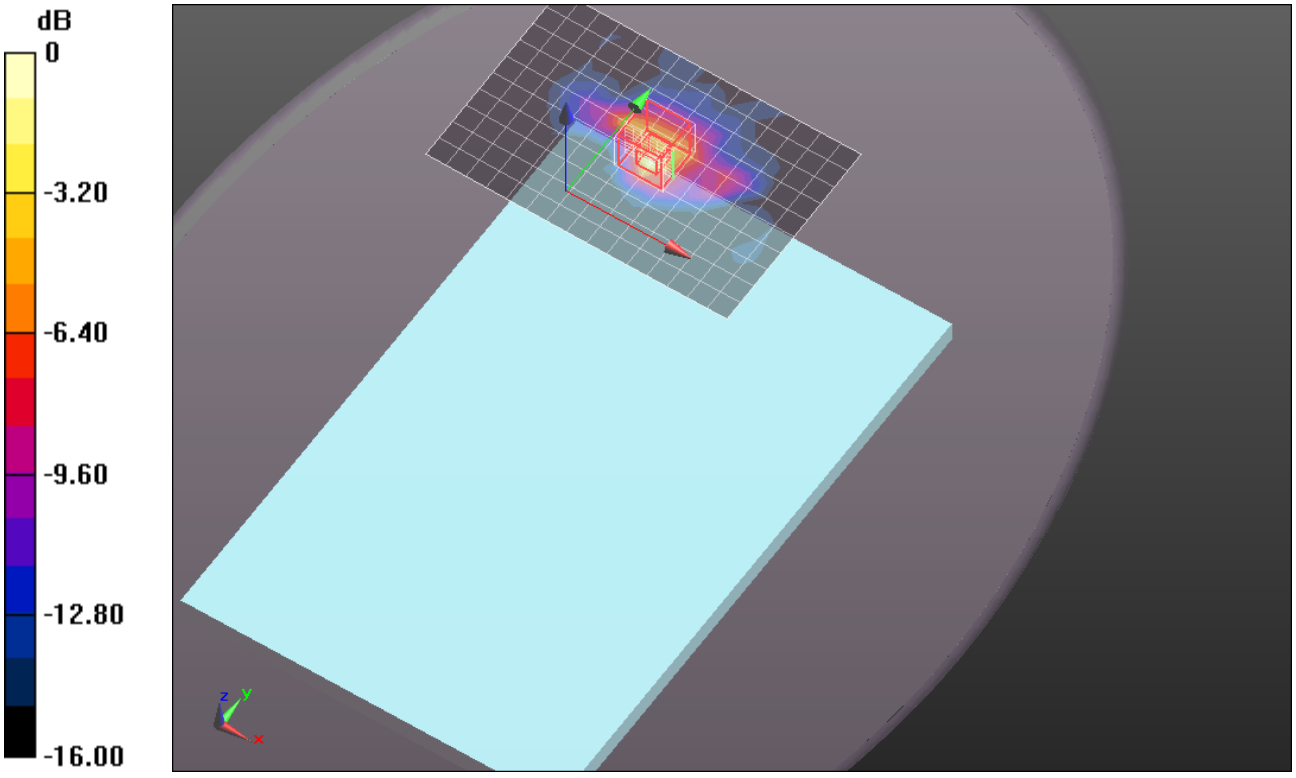
Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5745 MHz; σ = 6.117 mho/m; ε_r = 47.469; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 149/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.879 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.145 V/m; Power Drift = 018 dB
Peak SAR (extrapolated) = 3.3780
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.908 mW/g



0 dB = 0.910mW/g = -0.82 dB mW/g

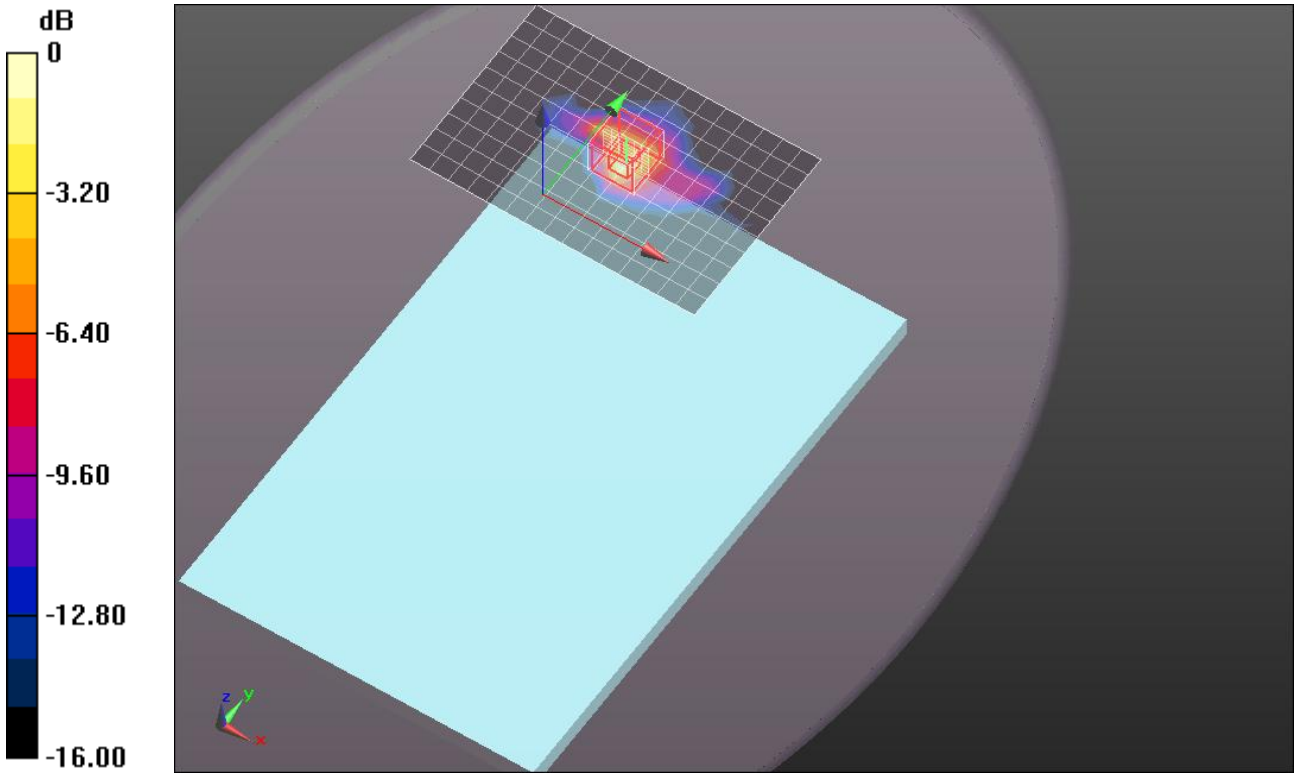
Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5785 MHz; σ = 6.108 mho/m; ε_r = 47.58; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 157/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.097 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.995 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.1640
SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 1.026 mW/g



0 dB = 1.030mW/g = 0.26 dB mW/g

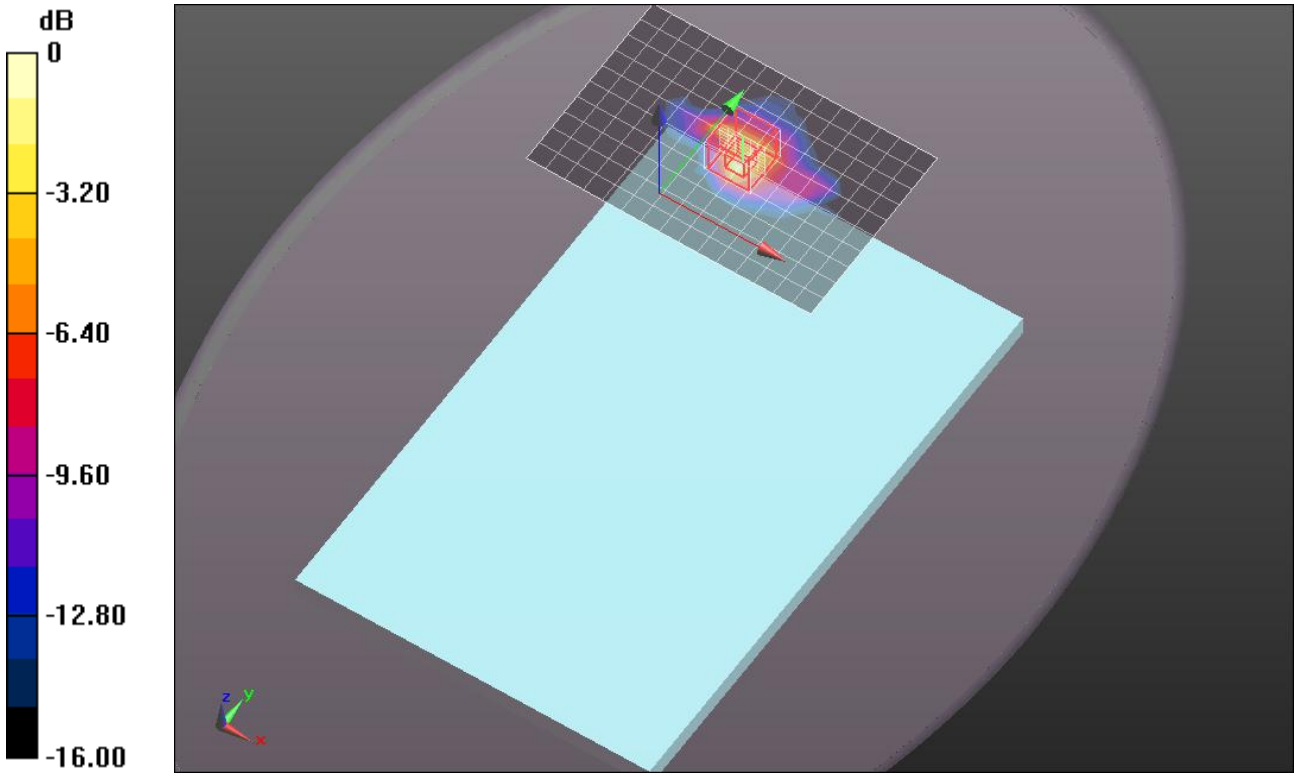
Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5825 MHz; σ = 6.205 mho/m; ε_r = 47.154; 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/Touch/802.11a/Aux Ant/Ch 165/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.097 mW/g

Rear/Touch/802.11a/Aux Ant/Ch 165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.981 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.0930
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 1.048 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

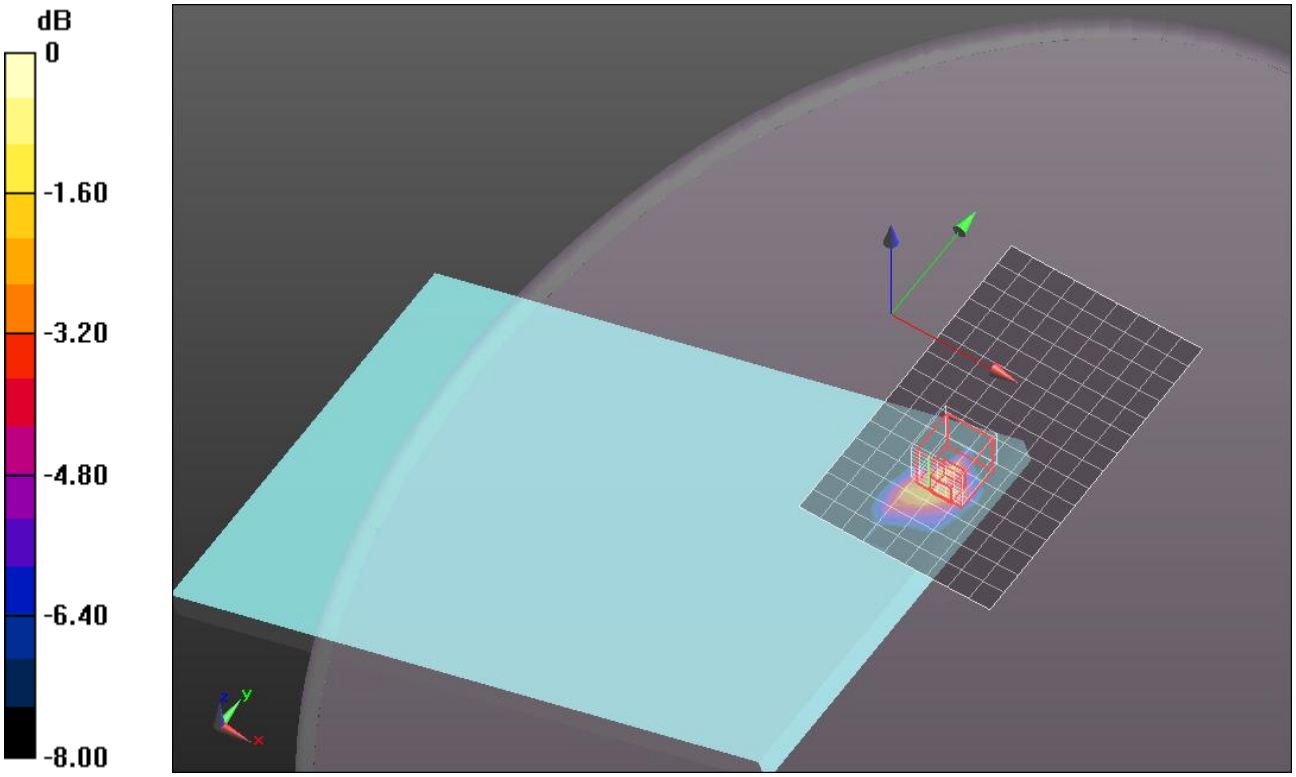
Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5745 MHz; σ = 6.117 mho/m; ε_r = 47.469; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 149/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.619 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 149/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.739 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.2650
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.909 mW/g



0 dB = 0.910mW/g = -0.82 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

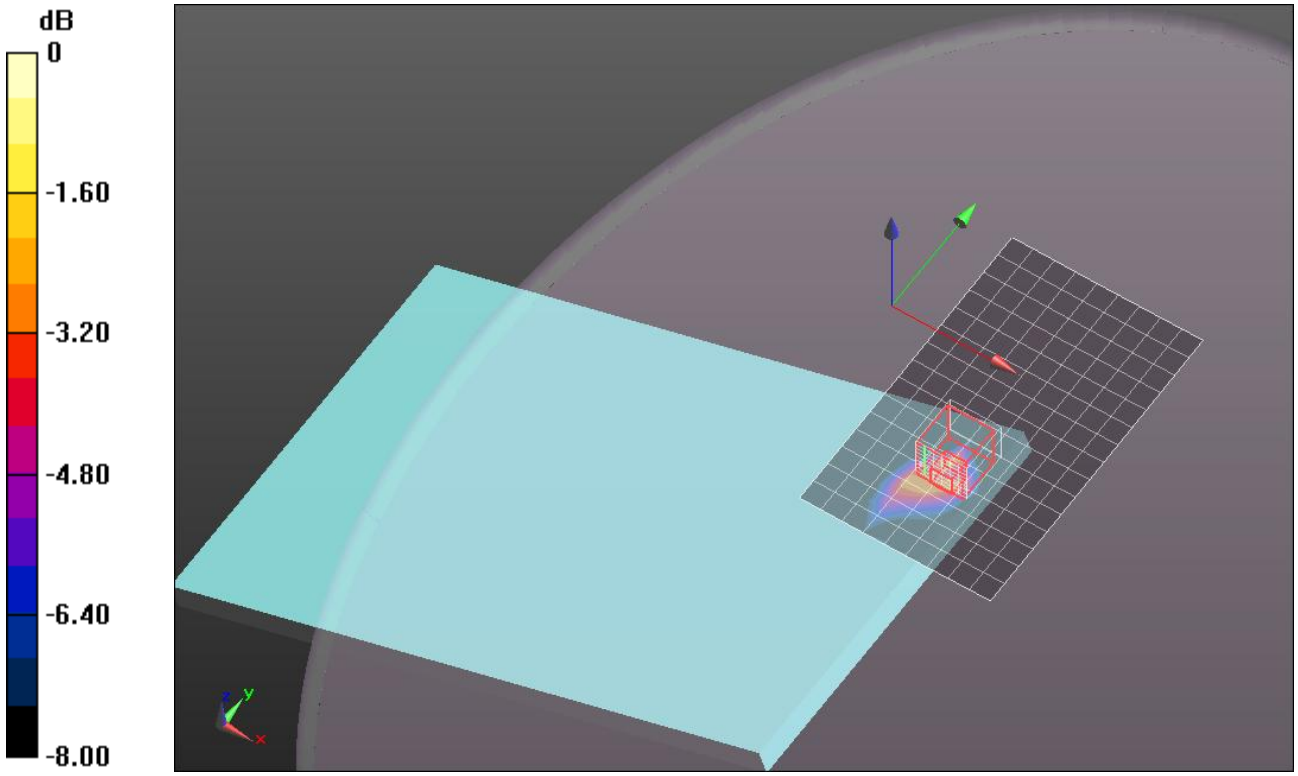
Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5785 MHz; σ = 6.108 mho/m; ε_r = 47.58; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 157/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.512 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 157/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.543 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 2.0790
SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.839 mW/g



0 dB = 0.840mW/g = -1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

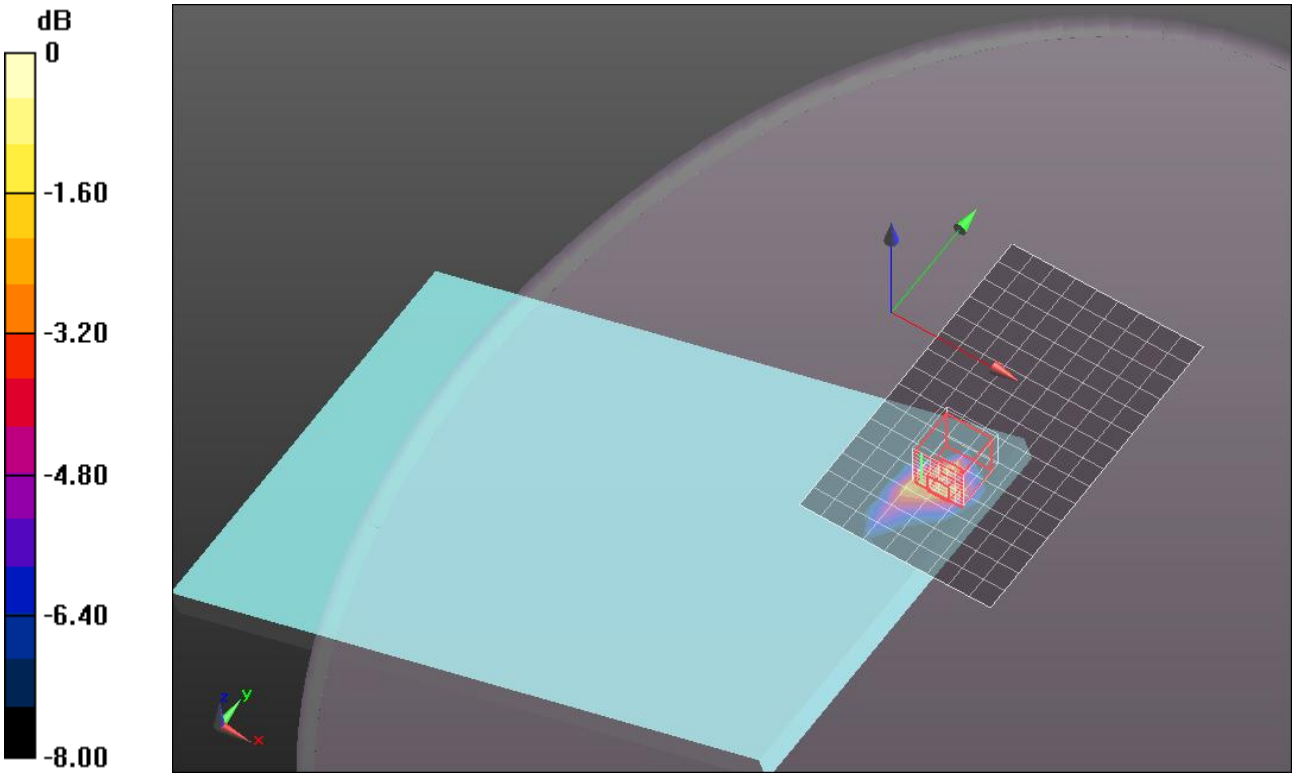
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5825 MHz; σ = 6.205 mho/m; ε_r = 47.154; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 165/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.515 mW/g

Rear/20 deg. tilt @ Edge 2/802.11a/Aux Ant/Ch 165/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.713 V/m; Power Drift = -0.68 dB
Peak SAR (extrapolated) = 2.0330
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.850 mW/g



0 dB = 0.850mW/g = -1.41 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/12/2012

WiFi 5.8 GHz Band

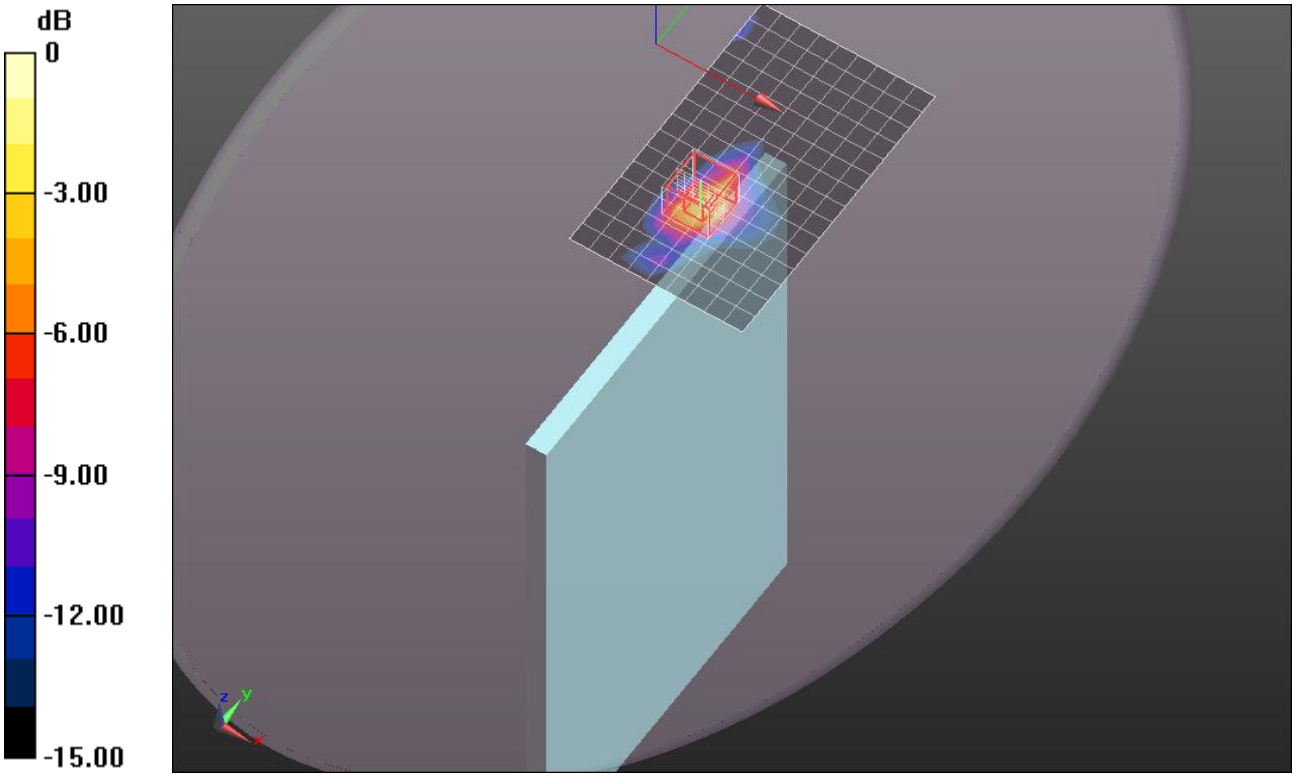
Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5745 MHz; σ = 6.117 mho/m; ε_r = 47.469; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 149/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.803 mW/g

Edge 2/802.11a/Aux Ant/Ch 149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.153 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 5.3540
SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 1.094 mW/g



0 dB = 1.090mW/g = 0.75 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

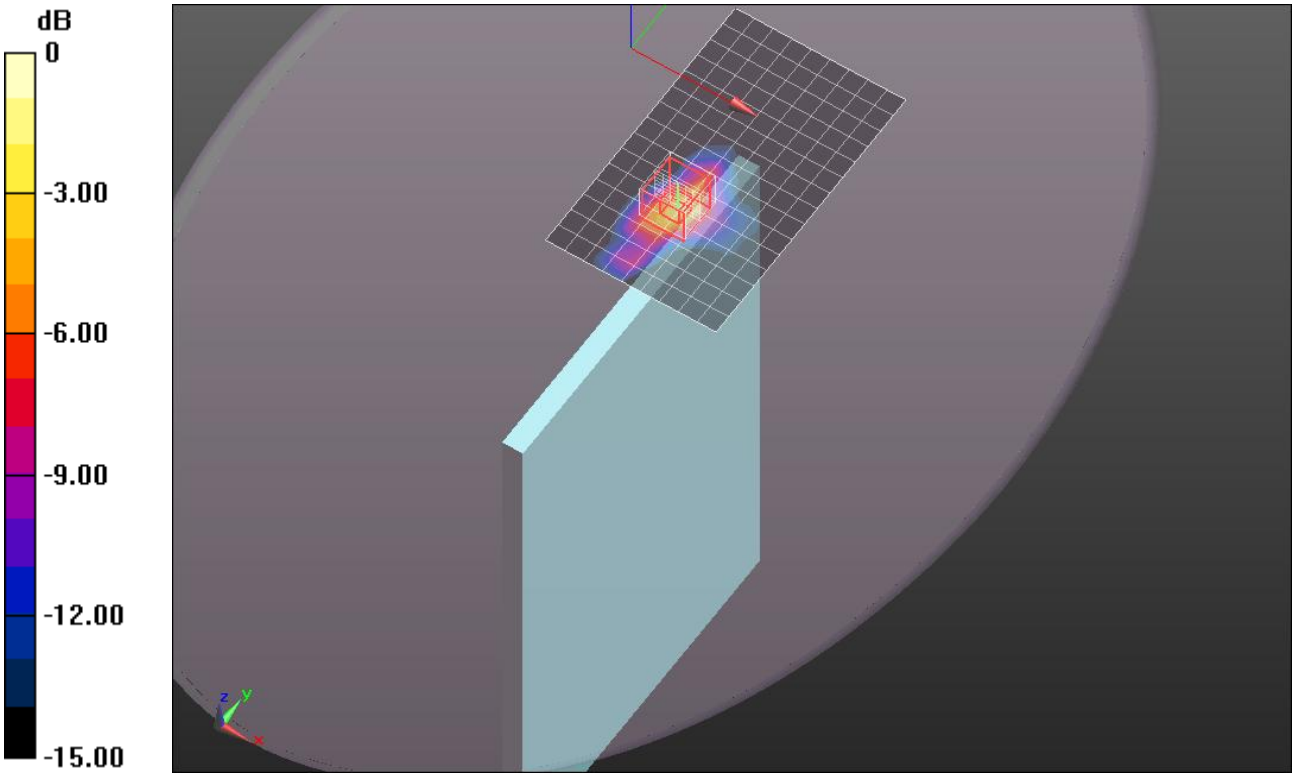
Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5785 MHz; σ = 6.108 mho/m; ε_r = 47.58; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 157/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.691 mW/g

Edge 2/802.11a/Aux Ant/Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.874 V/m; Power Drift = -1.38 dB
Peak SAR (extrapolated) = 1.7560
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



0 dB = 0.880mW/g = -1.11 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 10/11/2012

WiFi 5.8 GHz Band

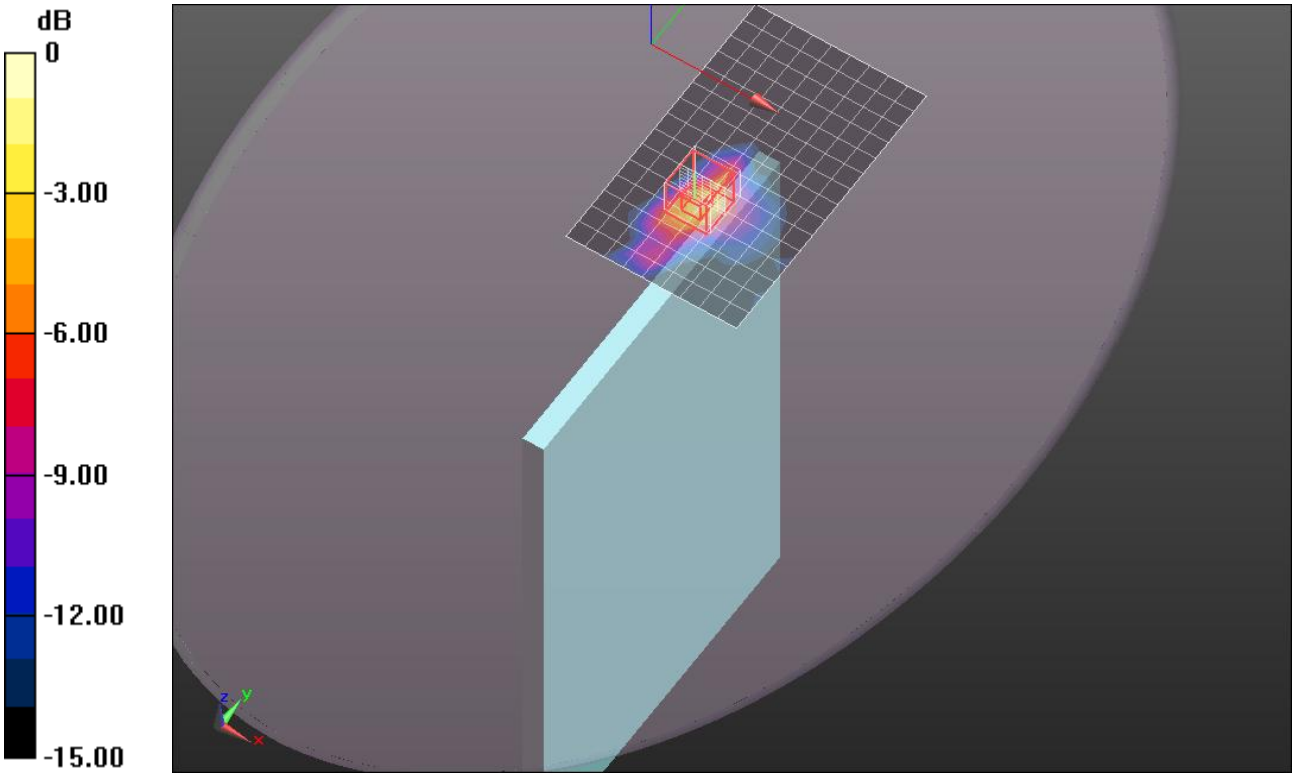
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5825 MHz; σ = 6.205 mho/m; ε_r = 47.154; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 2/802.11a/Aux Ant/Ch 165/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.698 mW/g

Edge 2/802.11a/Aux Ant/Ch 165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.177 V/m; Power Drift = 0.45 dB
Peak SAR (extrapolated) = 1.4470
SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.822 mW/g



0 dB = 0.820mW/g = -1.72 dB mW/g