Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/7

Wi-Fi 2.4GHz Band

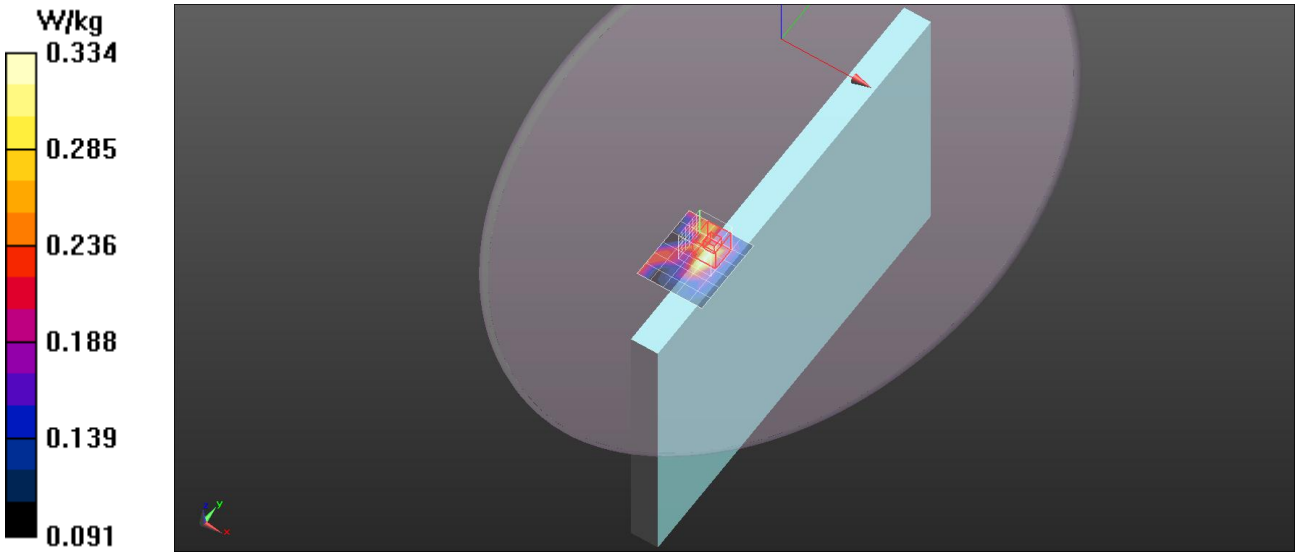
Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used: f = 2412.7 MHz; σ = 1.982 S/m; ε_r = 53.084; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1305; Calibrated: 2015/12/11
- Probe: EX3DV4 - SN3665; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Edge1/Aux Ant/802.11b/ch1/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.334 W/kg

Edge1/Aux Ant/802.11b/ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

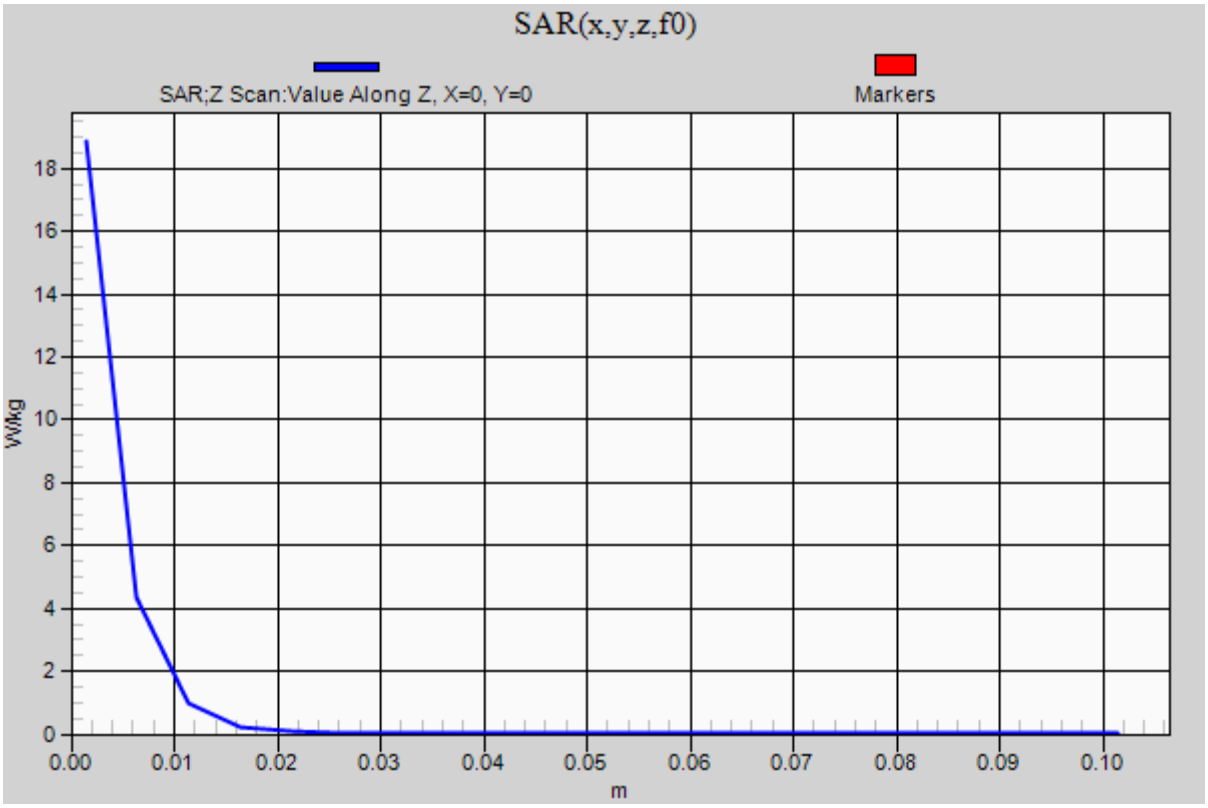
Reference Value = 8.225 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.396 W/kg



Wi-Fi 2.4GHz Band

Frequency: 2412 MHz; Duty Cycle: 1:1

Edge1/Aux Ant/802.11b/ch1/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.154 W/kg



Wi-Fi 2.4GHz Band

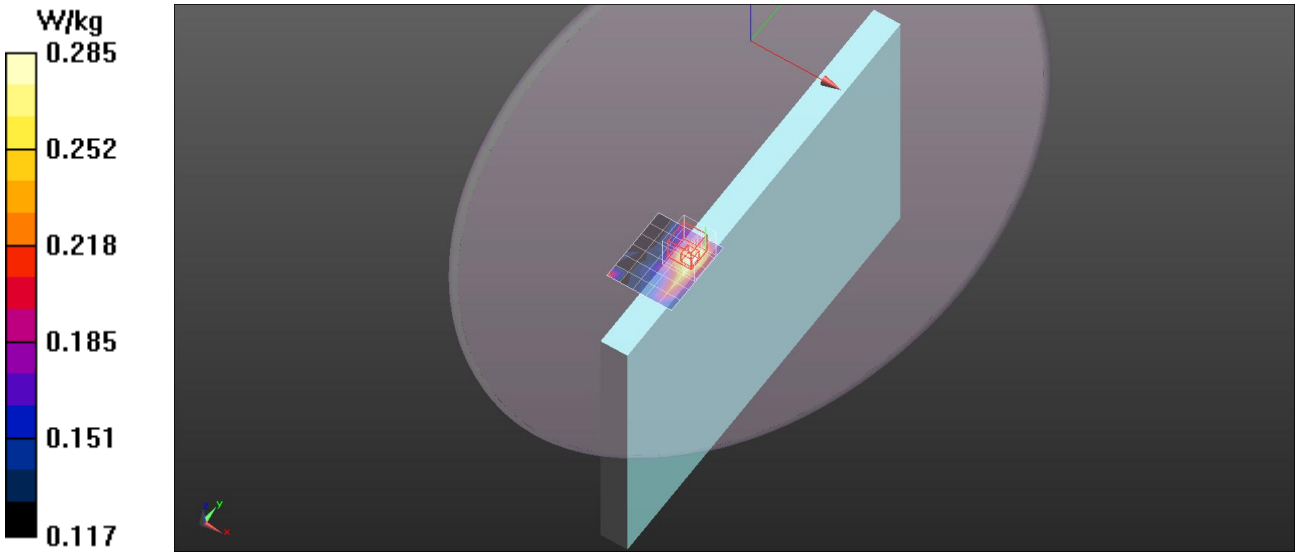
Frequency: 2452 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used: f = 2452.3 MHz; σ = 2.036 S/m; ε_r = 52.972; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1305; Calibrated: 2015/12/11
- Probe: EX3DV4 - SN3665; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Edge1/Aux Ant/802.11n HT40/ch9/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.285 W/kg

Edge1/Aux Ant/802.11n HT40/ch9/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.244 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.228 W/kg
Maximum value of SAR (measured) = 0.491 W/kg

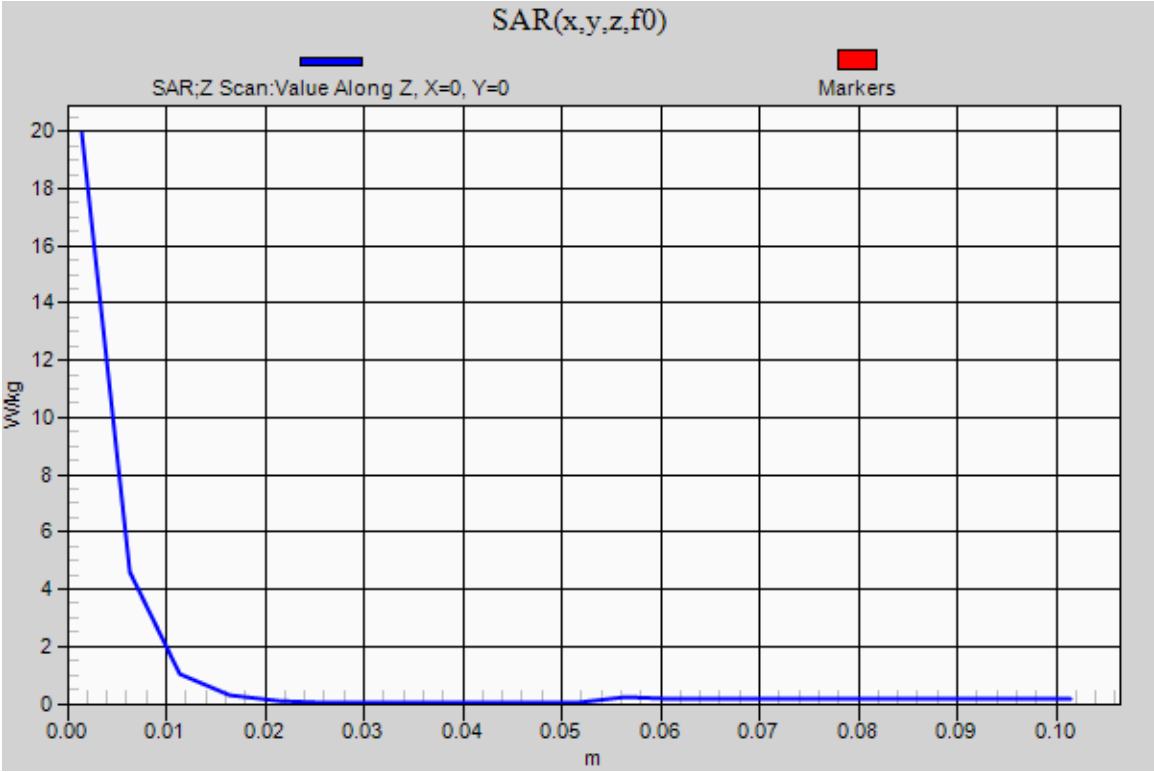


Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/7

Wi-Fi 2.4GHz Band

Frequency: 2452 MHz; Duty Cycle: 1:1

Edge1/Aux Ant/802.11n HT40/ch9/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.605 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/6

Wi-Fi 5GHz Band

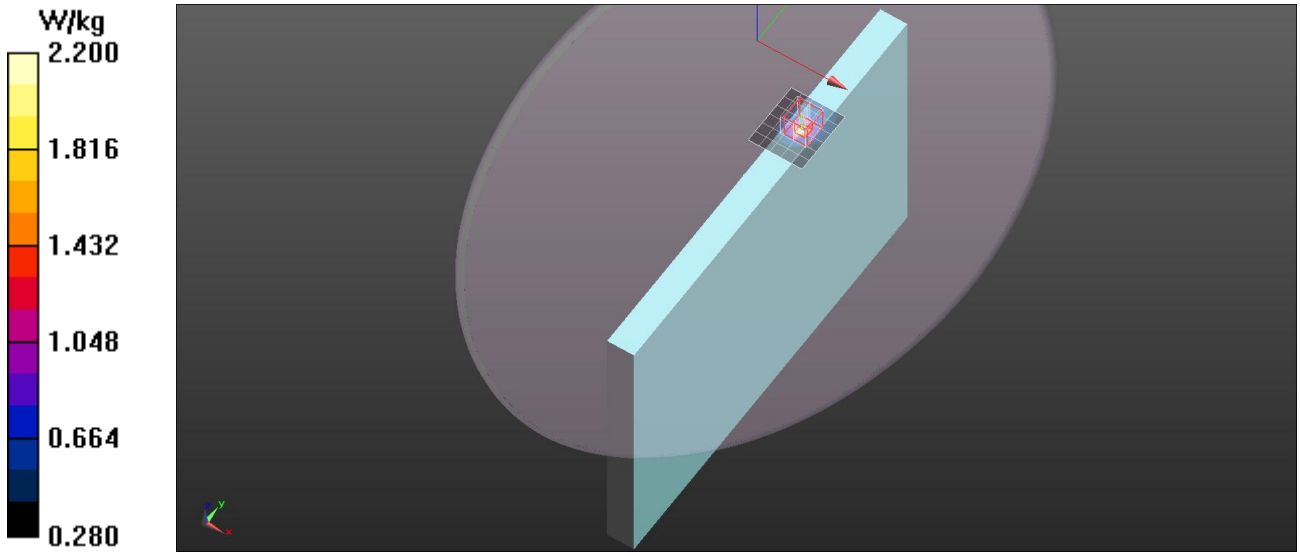
Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5290.3 MHz; σ = 5.298 S/m; ε_r = 48.216; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1305; Calibrated: 2015/12/11
- Probe: EX3DV4 - SN3665; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Edge1/Main Ant/802.11ac/ch58/Area Scan (6x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.20 W/kg

Edge1/Main Ant/802.11ac/ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.802 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 1.90 W/kg

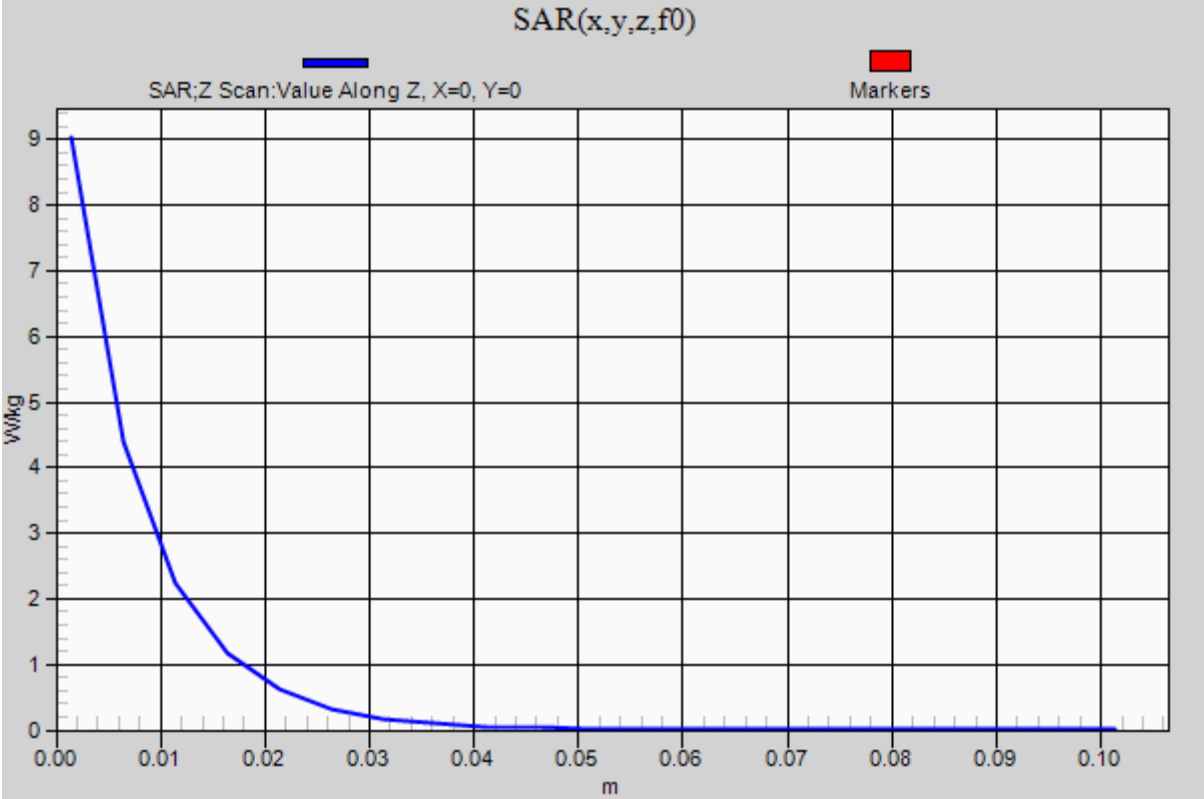


Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/6

Wi-Fi 5GHz Band

Frequency: 5290 MHz; Duty Cycle: 1:1

Edge1/Main Ant/802.11ac/ch58/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.0149 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/6

Wi-Fi 5GHz Band

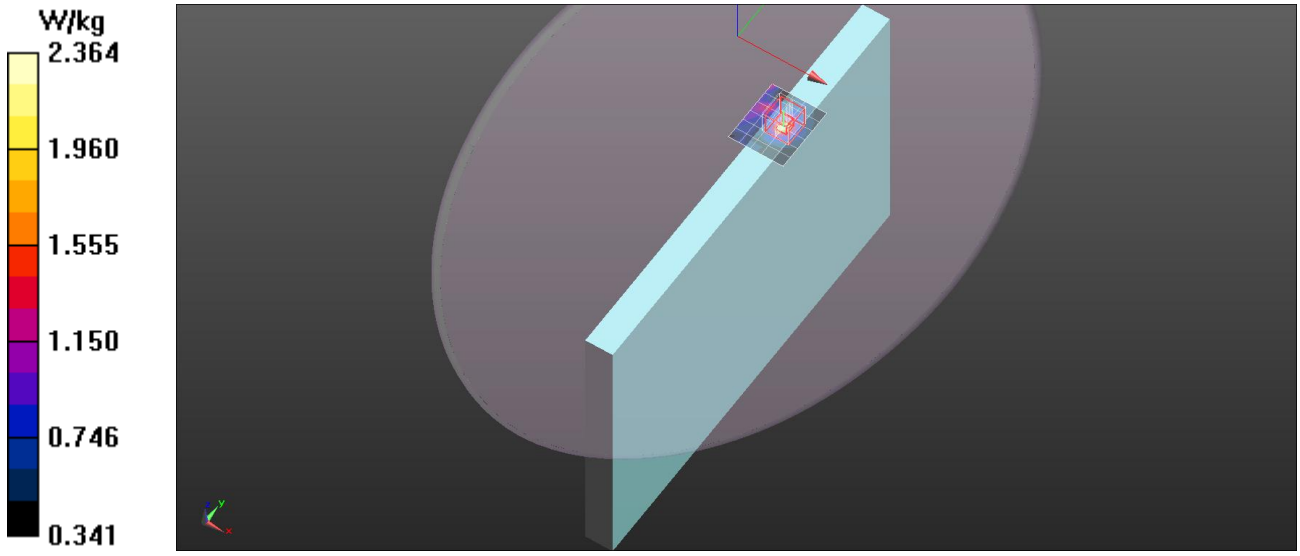
Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5610.4 MHz; σ = 5.732 S/m; ε_r = 47.718; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1305; Calibrated: 2015/12/11
- Probe: EX3DV4 - SN3665; ConvF(3.74, 3.74, 3.74); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Edge1/Main Ant/802.11ac/ch122/Area Scan (6x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.36 W/kg

Edge1/Main Ant/802.11ac/ch122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.090 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.34 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 2.00 W/kg

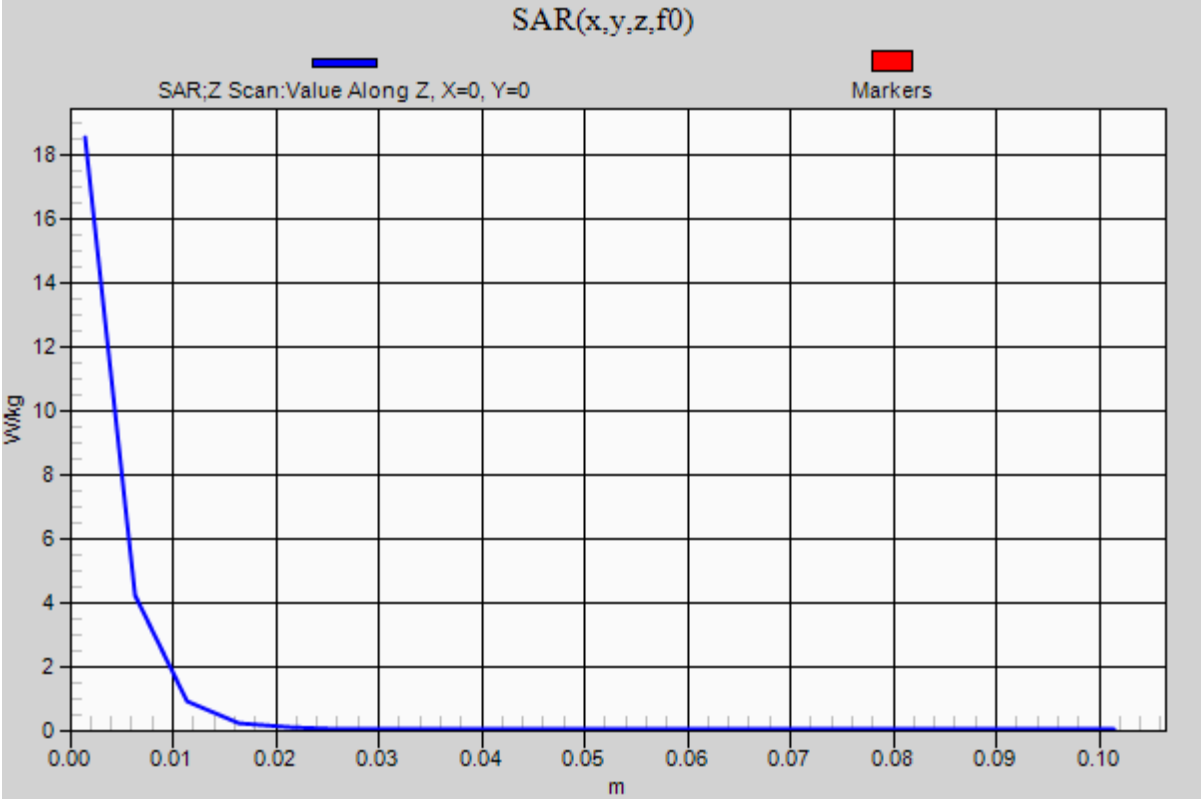


Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/6

Wi-Fi 5GHz Band

Frequency: 5610 MHz; Duty Cycle: 1:1

Edge1/Main Ant/802.11ac/ch122/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.0469 W/kg



Wi-Fi 5GHz Band

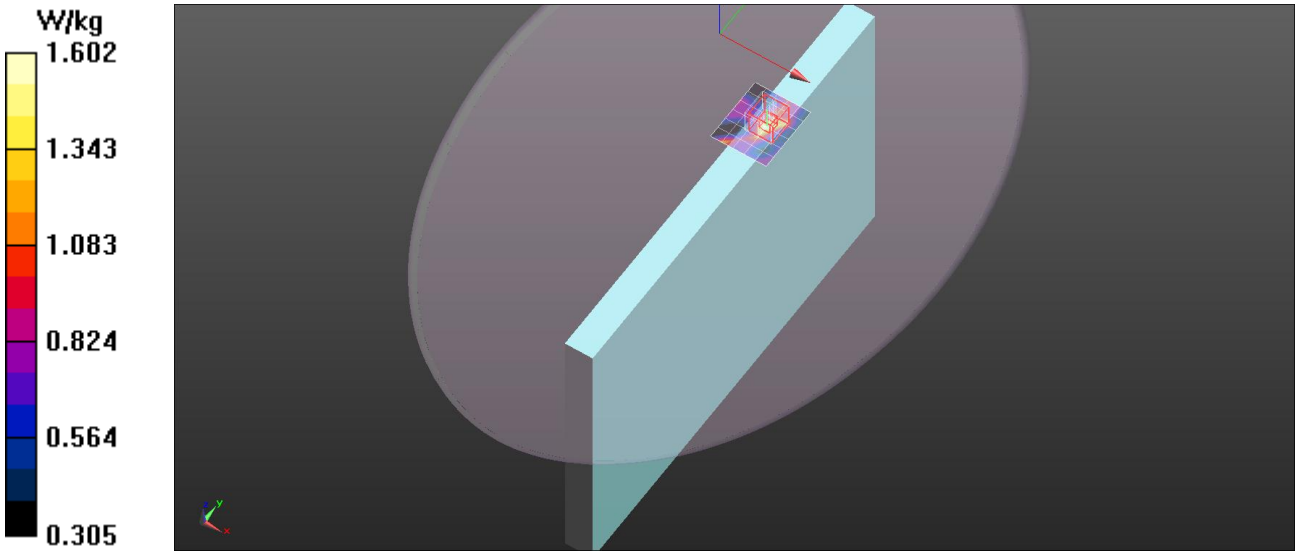
Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5775.4 MHz; σ = 5.968 S/m; ε_r = 47.363; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1305; Calibrated: 2015/12/11
- Probe: EX3DV4 - SN3665; ConvF(4.18, 4.18, 4.18); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Edge1/Main Ant/802.11ac/ch155/Area Scan (6x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.60 W/kg

Edge1/Main Ant/802.11ac/ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.14 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 1.35 W/kg

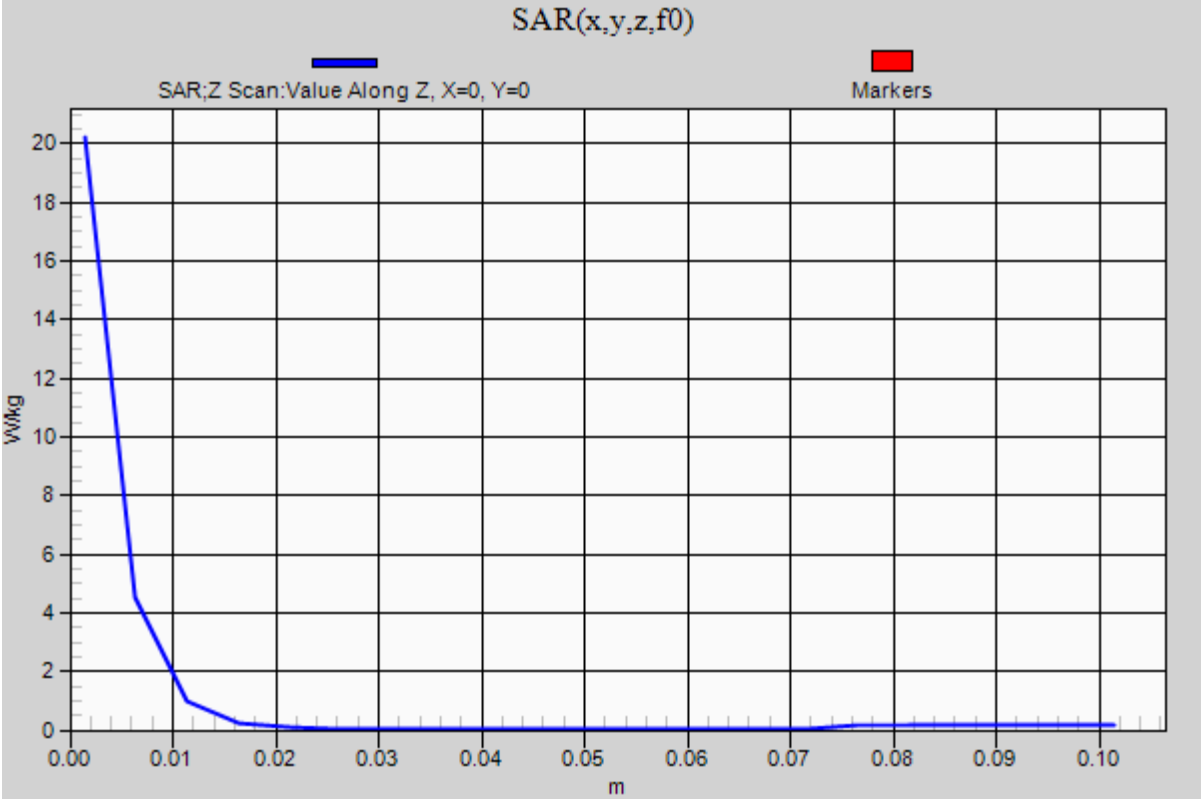


Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/6

Wi-Fi 5GHz Band

Frequency: 5775 MHz; Duty Cycle: 1:1

Edge1/Main Ant/802.11ac/ch155/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.0228 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2016/4/7

Bluetooth

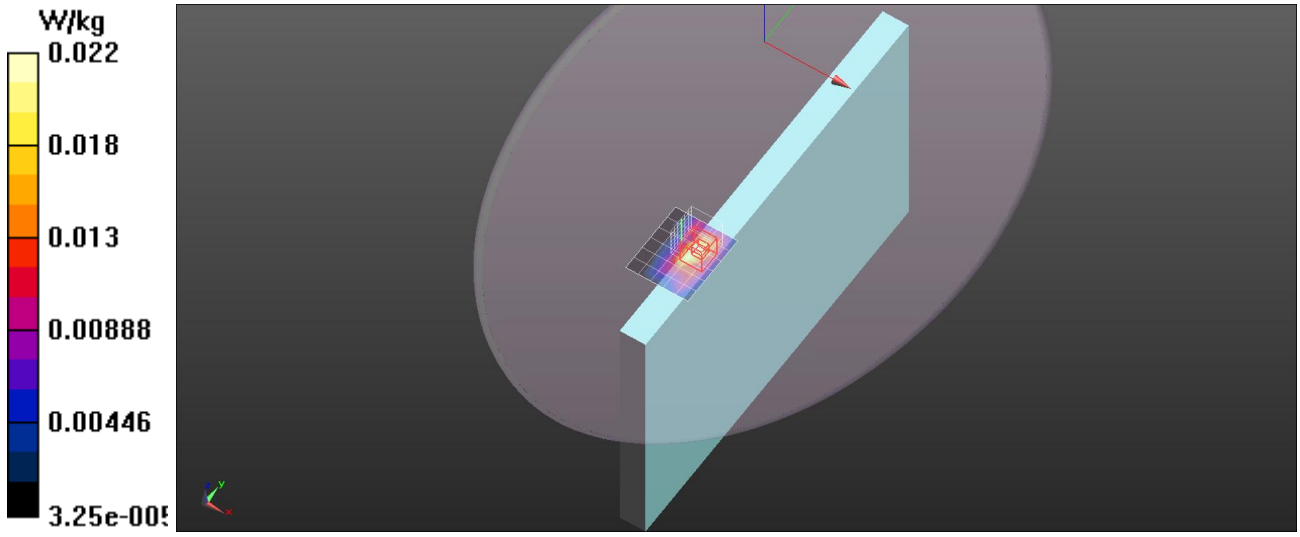
Frequency: 2402 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used: f = 2402.8 MHz; σ = 1.968 S/m; ε_r = 53.115; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1305; Calibrated: 2015/12/11
- Probe: EX3DV4 - SN3665; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Edge1/Aux Ant/Bluetooth/ch0/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0222 W/kg

Edge1/Aux Ant/Bluetooth/ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.079 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.194 W/kg



Bluetooth

Frequency: 2402 MHz; Duty Cycle: 1:1

Edge1/Aux Ant/Bluetooth/ch0/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.00797 W/kg