

Test Laboratory: Compliance Certification Services

Toshiba-Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz band; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.73$ mho/m; $\epsilon_r = 49$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=12 mm, L-ch, Antenna A/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

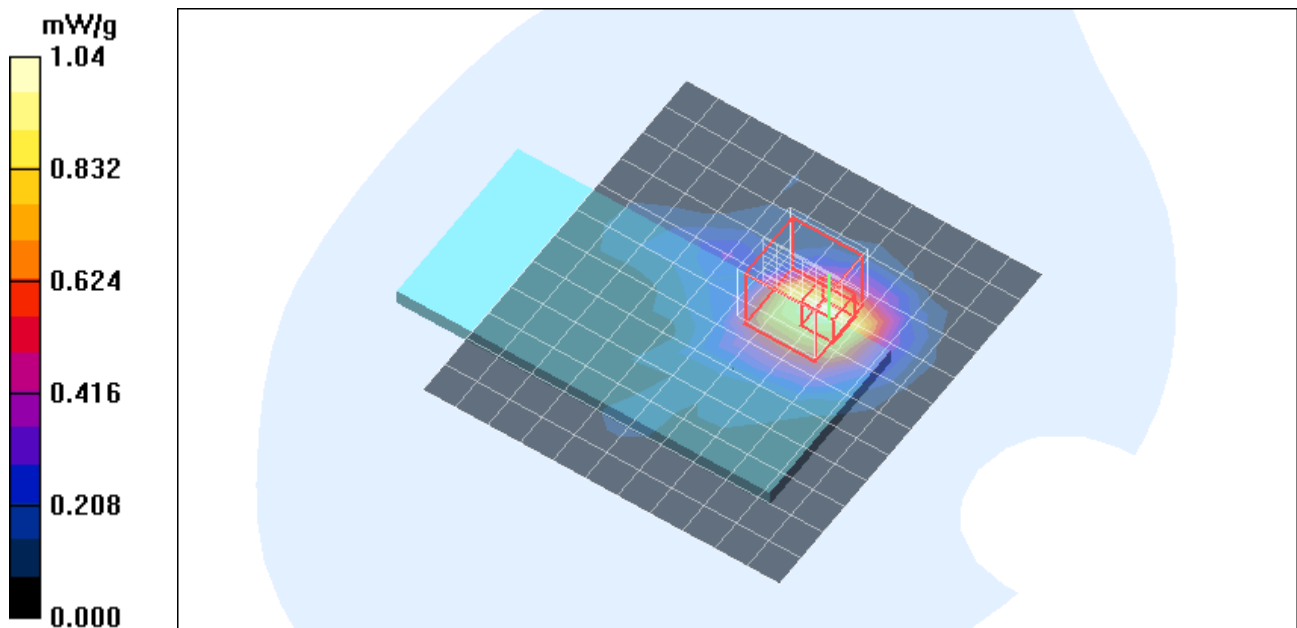
Maximum value of SAR (measured) = 1.04 mW/g

d=12 mm, L-ch, Antenna A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.97 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.214 mW/g



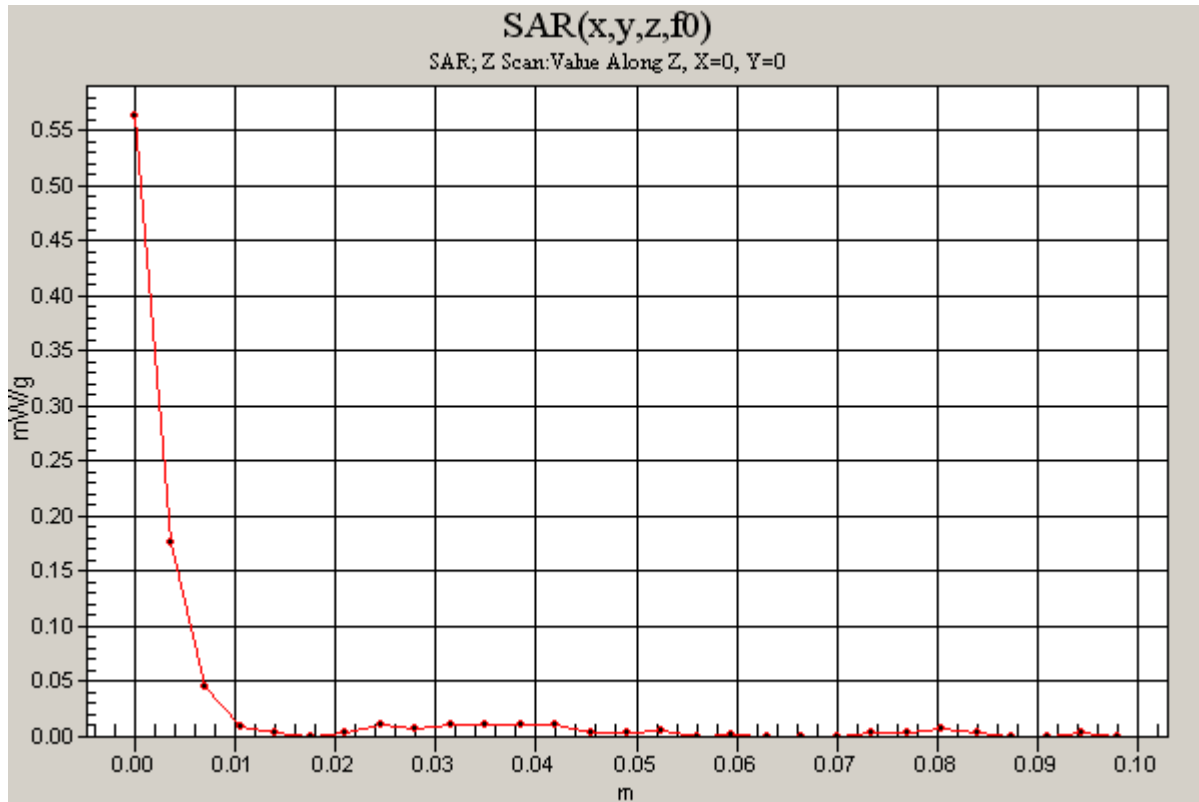
Test Laboratory: Compliance Certification Services

Toshiba-Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz bnad; Frequency: 5500 MHz;Duty Cycle: 1:1

d=12 mm, L-ch, Antenna A/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm
Maximum value of SAR (measured) = 0.563 mW/g



Test Laboratory: Compliance Certification Services

Toshiba-Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz band; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.87$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=12 mm, M-ch, Antenna A/Area Scan (14x13x1): Measurement grid: dx=10mm, dy=10mm

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

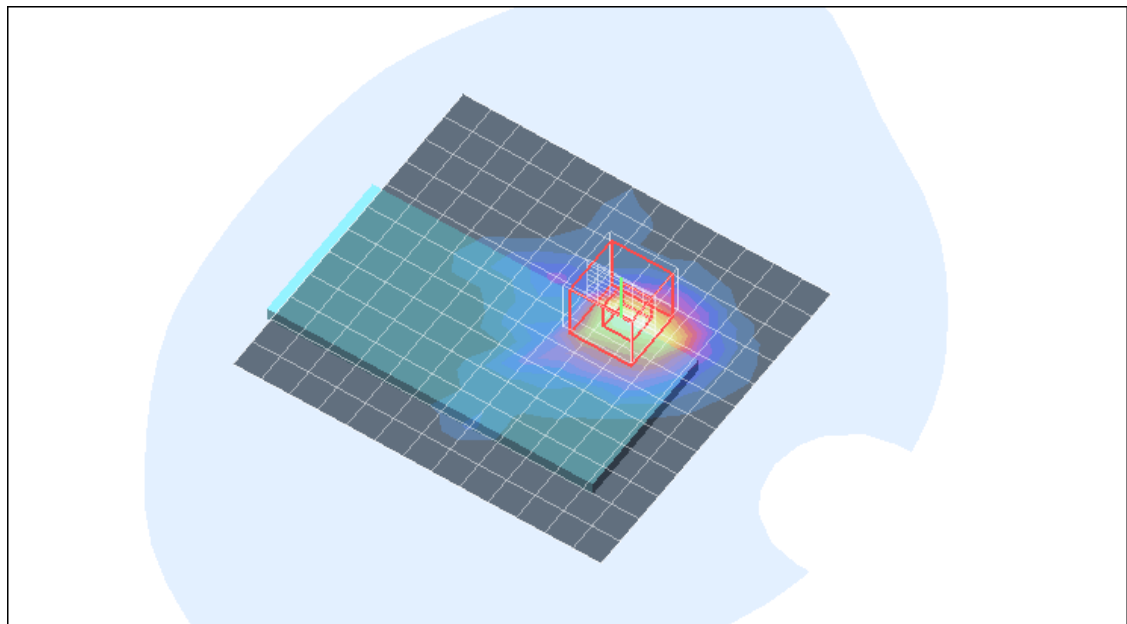
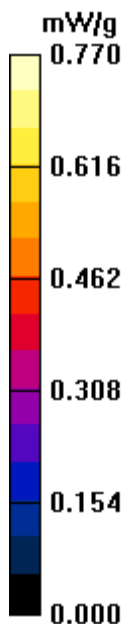
d=12 mm, M-ch, Antenna A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.28 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.815 mW/g



Test Laboratory: Compliance Certification Services

Toshiba-Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz band; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.01$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.76, 3.76, 3.76); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=12 mm, H-ch, Antenna A/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.843 mW/g

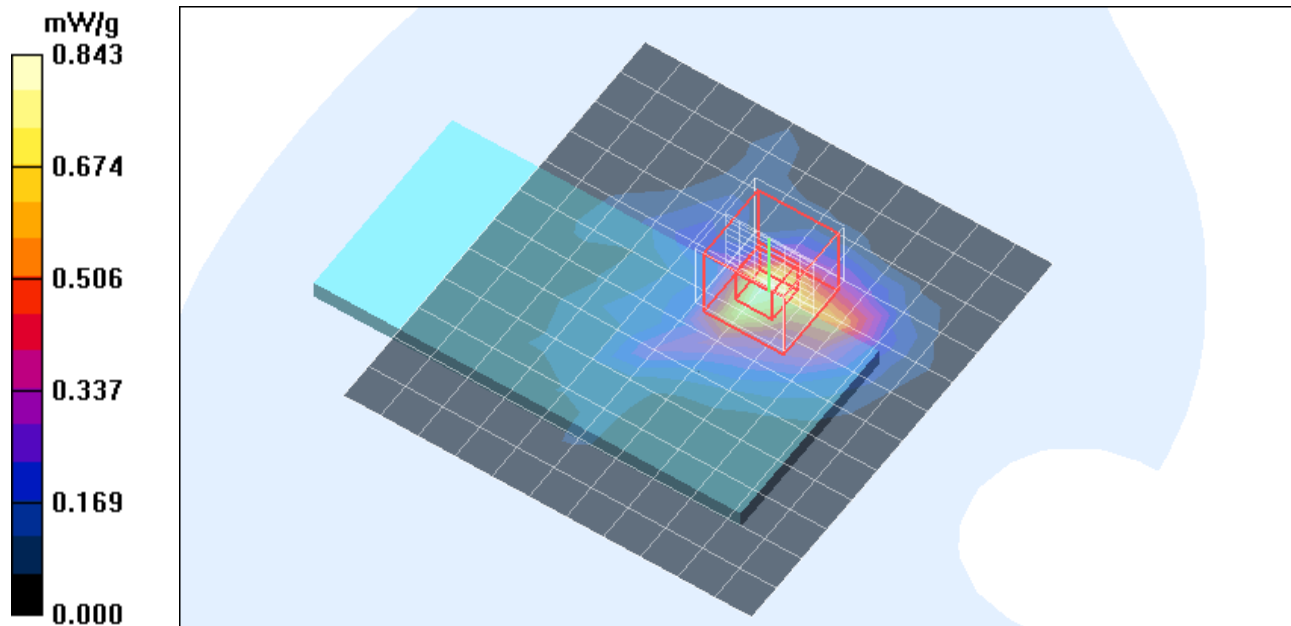
d=12 mm, H-ch, Antenna A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.43 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.855 mW/g



Test Laboratory: Compliance Certification Services

Toshiba-Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz band; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.87$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=12 mm, M-ch, Antenna B/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.544 mW/g

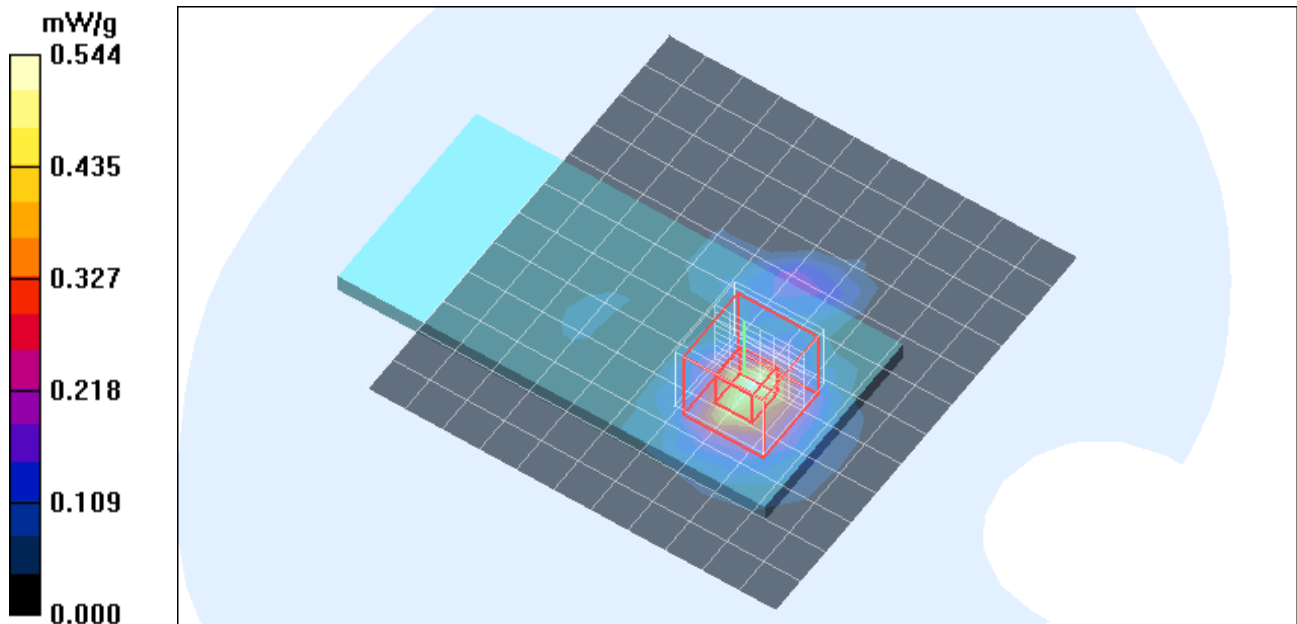
d=12 mm, M-ch, Antenna B/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.89 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.525 mW/g



Test Laboratory: Compliance Certification Services

HP_Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz band; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.87$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=13.5 mm, M-ch, Antenna A/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.552 mW/g

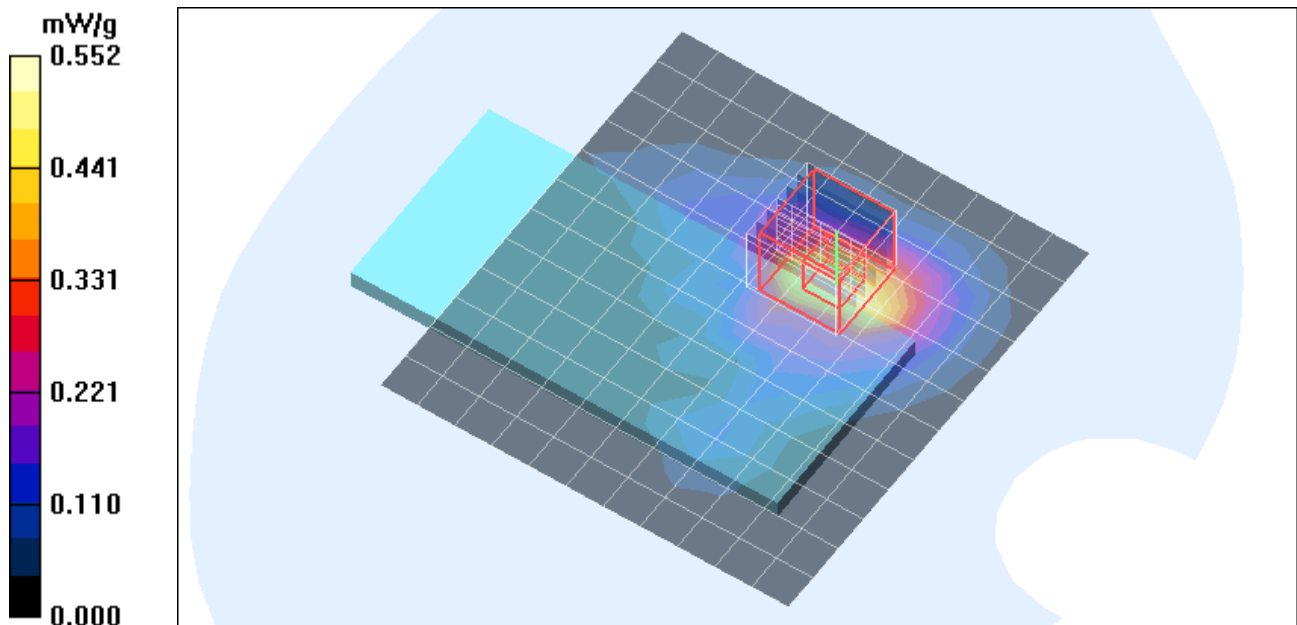
d=13.5 mm, M-ch, Antenna A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.81 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.519 mW/g



Test Laboratory: Compliance Certification Services

HP_Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz bna; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.87$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=13.5 mm, M-ch, Antenna B/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.395 mW/g

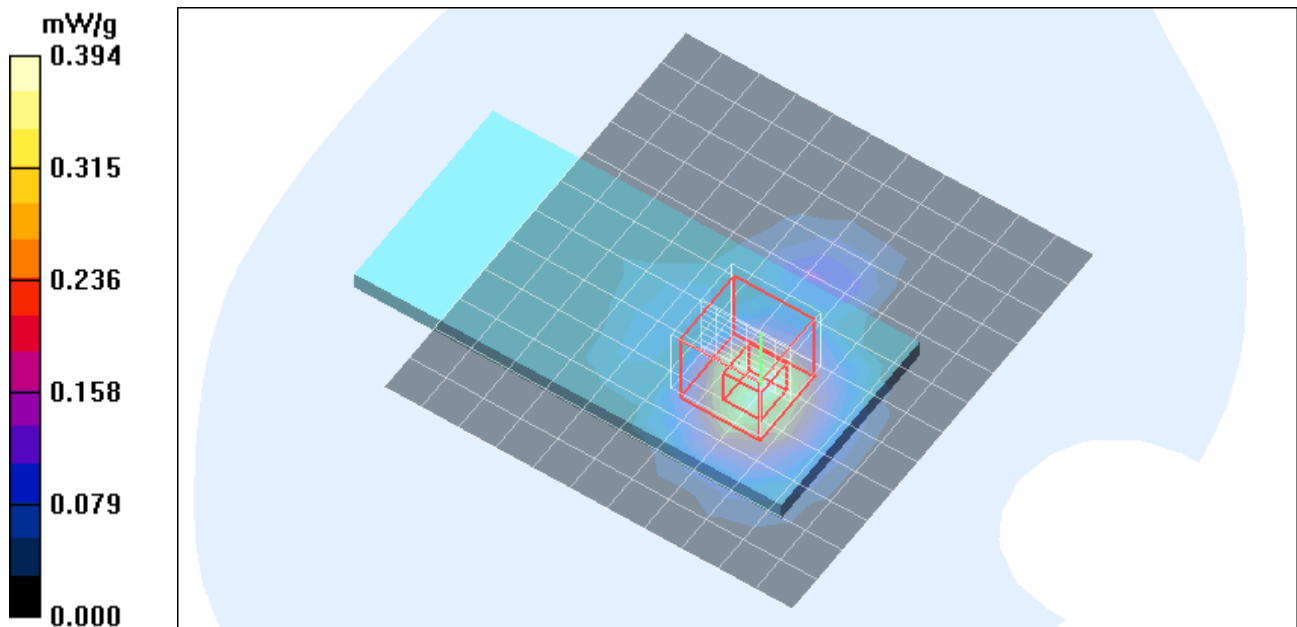
d=13.5 mm, M-ch, Antenna B/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.25 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



Test Laboratory: Compliance Certification Services

Dell_Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz band; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.87$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=15 mm, M-ch, Antenna B/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.269 mW/g

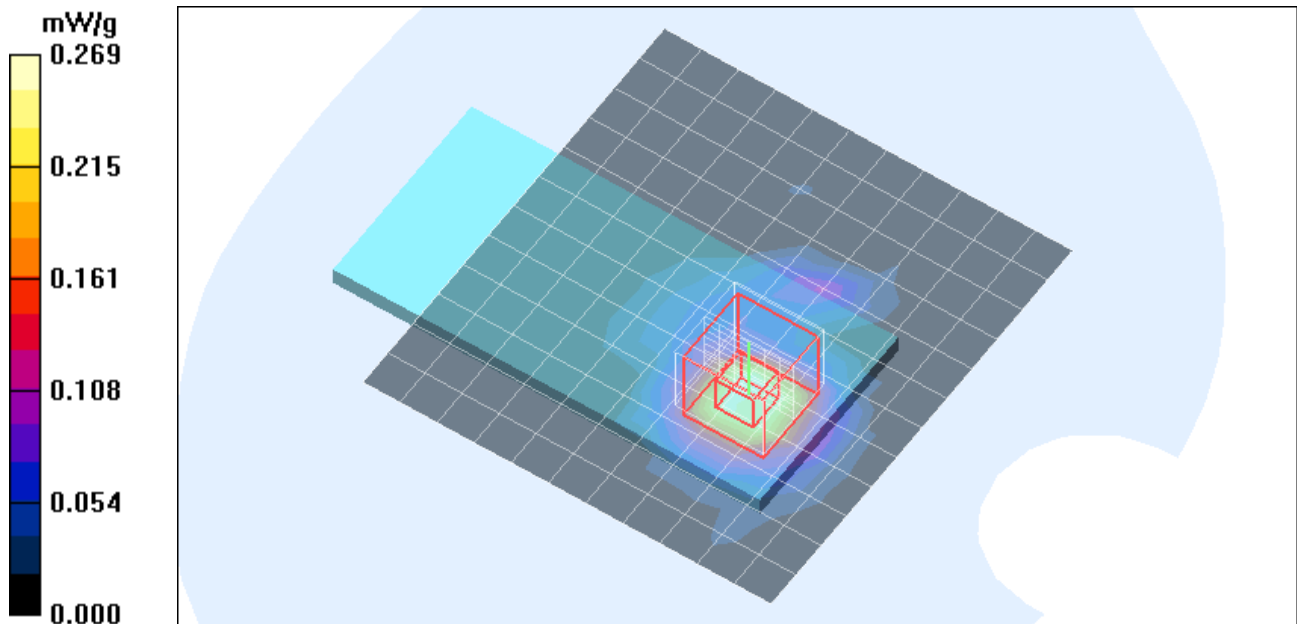
d=15 mm, M-ch, Antenna B/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.75 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.310 mW/g



Test Laboratory: Compliance Certification Services

Dell_Lap-held position

DUT: Cisco; Type: AIR-CB21AG-W-K9; Serial: FOC0922N59H

Communication System: 5.5 GHz band; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.87$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=15 mm, M-ch, Antenna A/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.786 mW/g

d=15 mm, M-ch, Antenna A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.01 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.762 mW/g

