

Test Laboratory: UL CCS SAR Lab B

006_Lap held

Communication System: IEEE 802.11 a/n; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.271$ mho/m; $\epsilon_r = 48.131$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(4.1, 4.1, 4.1); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 40_Ant A/Area Scan (25x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.197 mW/g

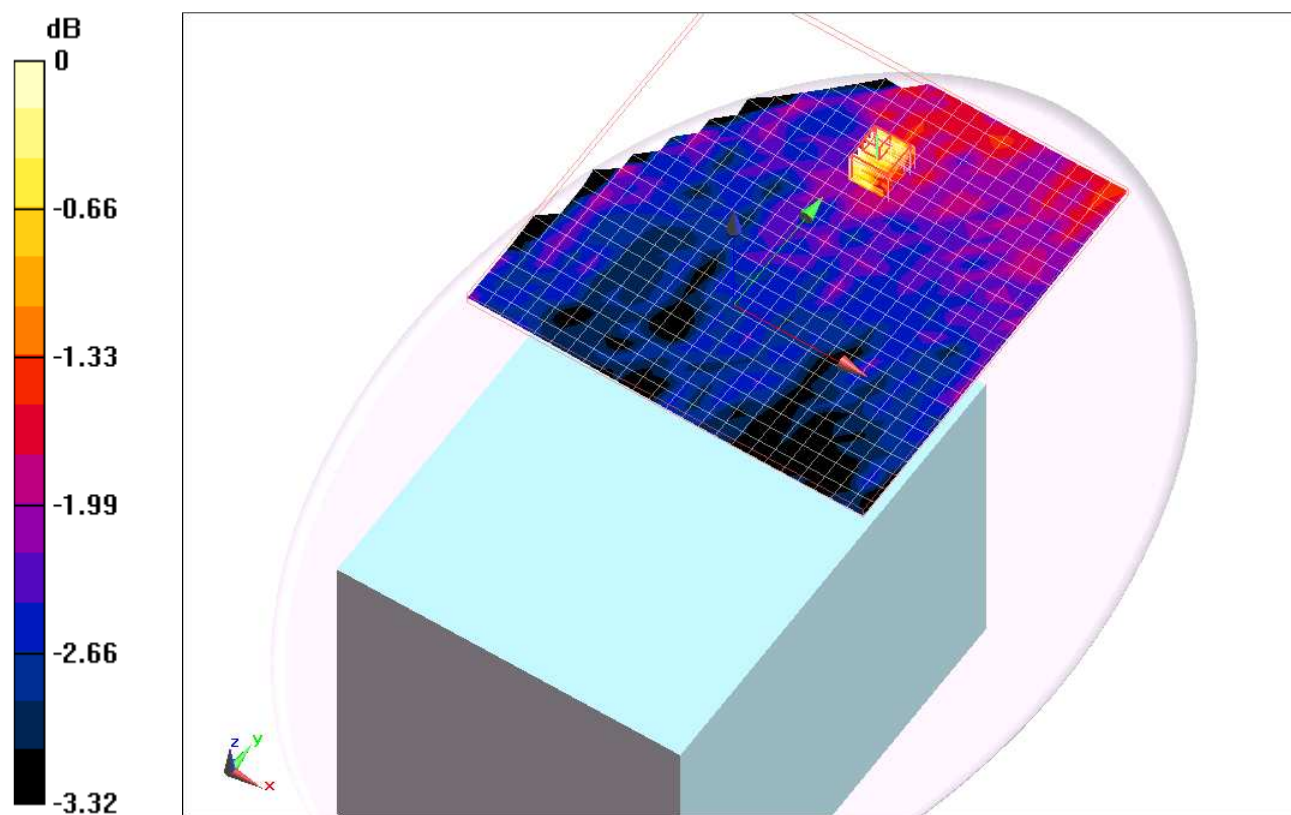
802.11a/Ch 40_Ant A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.504 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab B

007_Lap held

Communication System: IEEE 802.11 a/n; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 49.087$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(4.1, 4.1, 4.1); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 40_Ant B/Area Scan (19x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.209 mW/g

802.11a/Ch 40_Ant B/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.270 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.211 mW/g

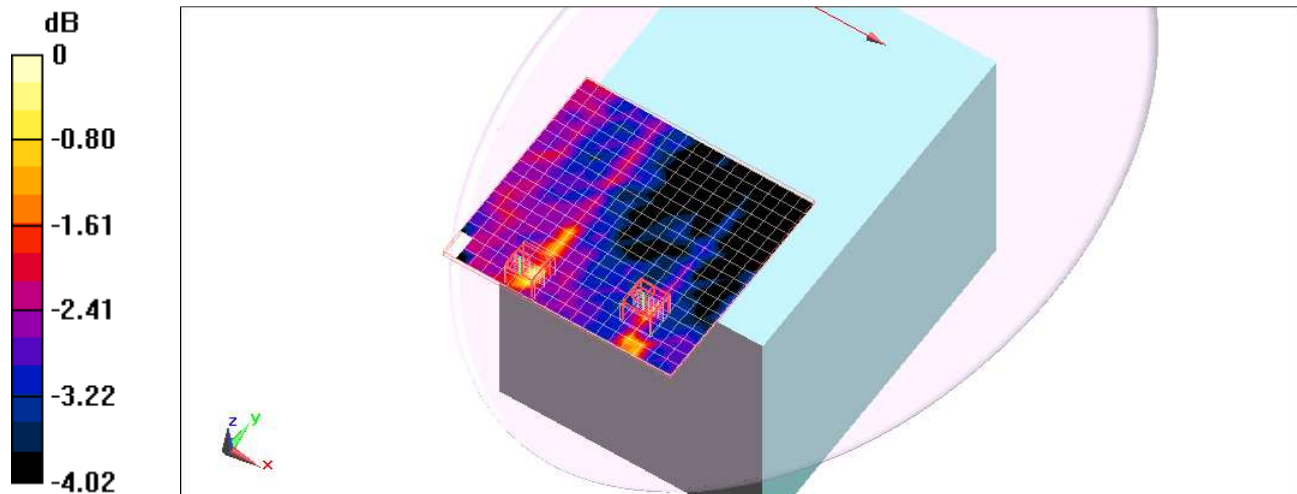
802.11a/Ch 40_Ant B/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.270 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.245 mW/g



0 dB = 0.240mW/g

Test Laboratory: UL CCS SAR Lab B

008_Lap held

Communication System: IEEE 802.11 a/n; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 49.087$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(4.1, 4.1, 4.1); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 40_Ant C/Area Scan (17x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.178 mW/g

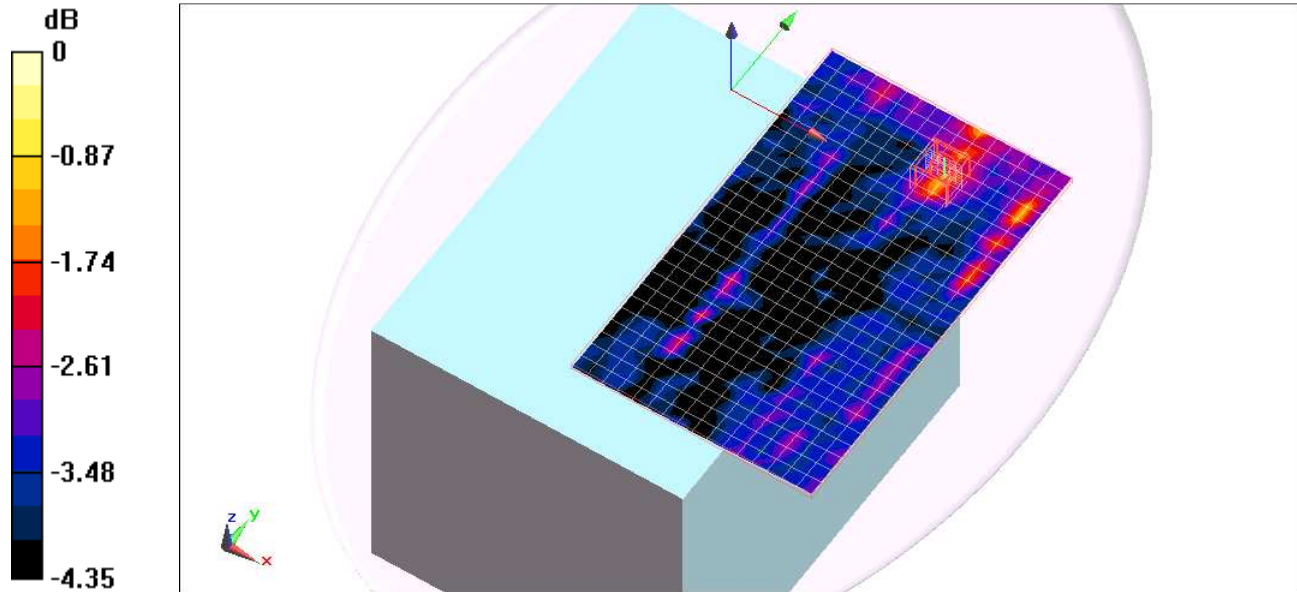
802.11a/Ch 40_Ant C/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.894 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab B

009_Lap held

Communication System: IEEE 802.11 a/n; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.271$ mho/m; $\epsilon_r = 48.131$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(4.1, 4.1, 4.1); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 40_Ant ABC/Area Scan (31x51x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.164 mW/g

802.11a/Ch 40_Ant A/Zoom Scan A (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.142 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.183 mW/g

802.11a/Ch 40_Ant B/Zoom Scan B (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.142 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.203 mW/g

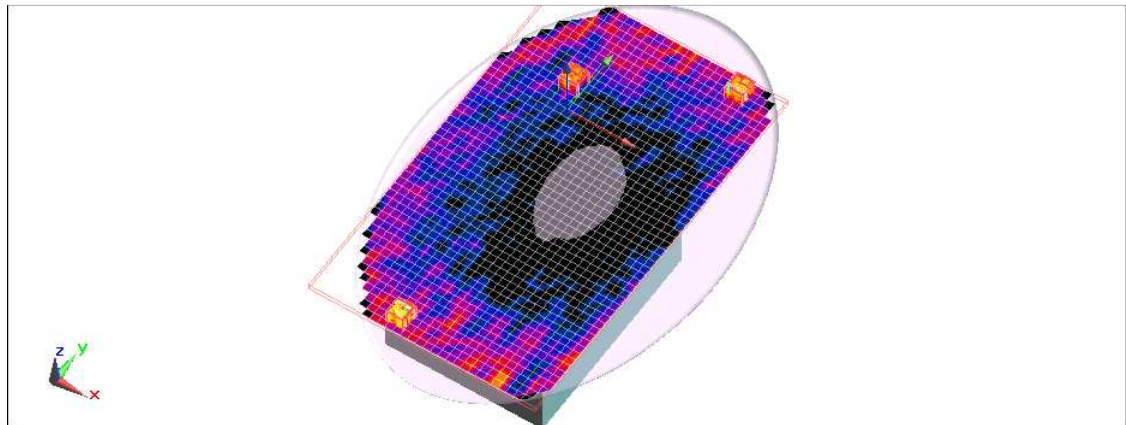
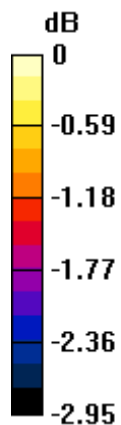
802.11a/Ch 40_Ant C/Zoom Scan C (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.142 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.200mW/g

Test Laboratory: UL CCS SAR Lab B

010_Bystanders

Communication System: IEEE 802.11 a/n; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 49.087$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

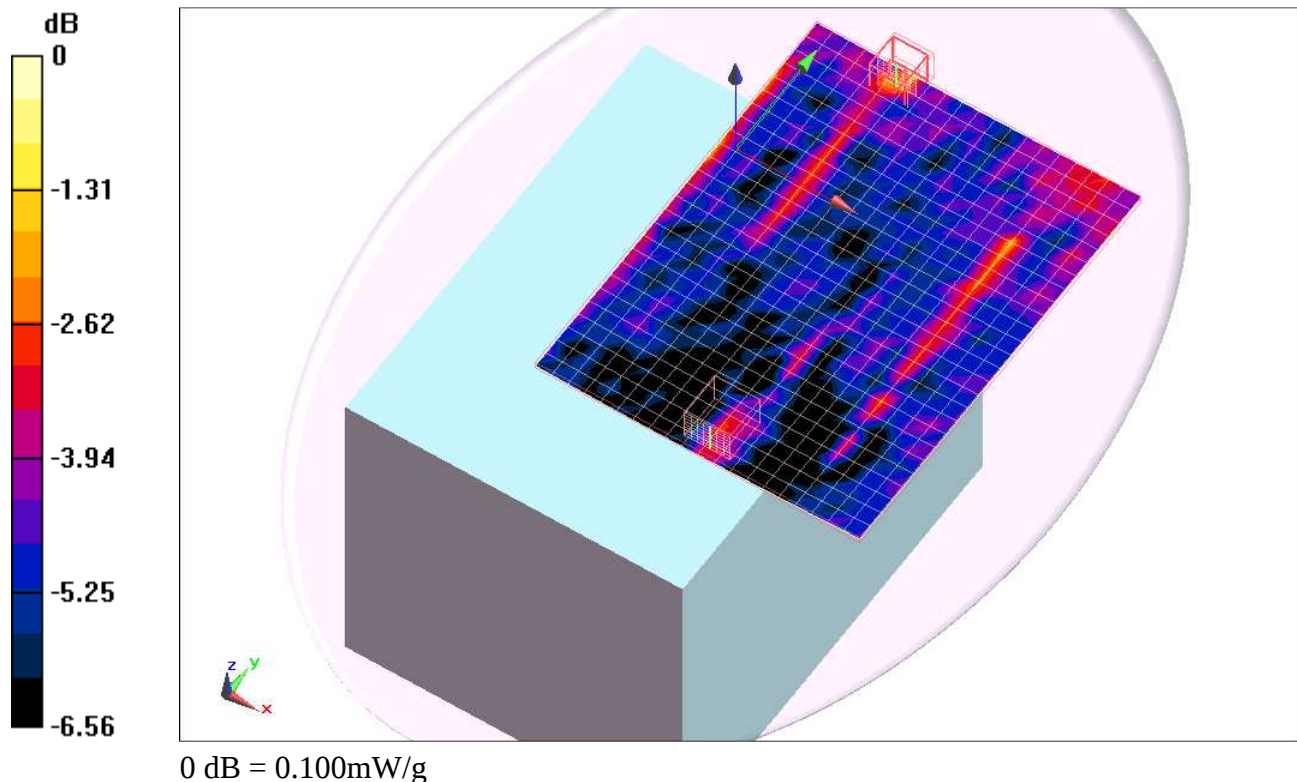
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(4.1, 4.1, 4.1); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 40_Ant C/Area Scan (21x27x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.064 mW/g

802.11a/Ch 40_Ant C/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.649 V/m; Power Drift = -0.06 dB
 Maximum value of SAR (measured) = 0.084 mW/g

802.11a/Ch 40_Ant C/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.649 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.097 W/kg
SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.053 mW/g
 Maximum value of SAR (measured) = 0.097 mW/g



Test Laboratory: UL CCS SAR Lab B

011_Lap held

Communication System: WLAN_5GHz; Frequency: 5280 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.405$ mho/m; $\epsilon_r = 47.944$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

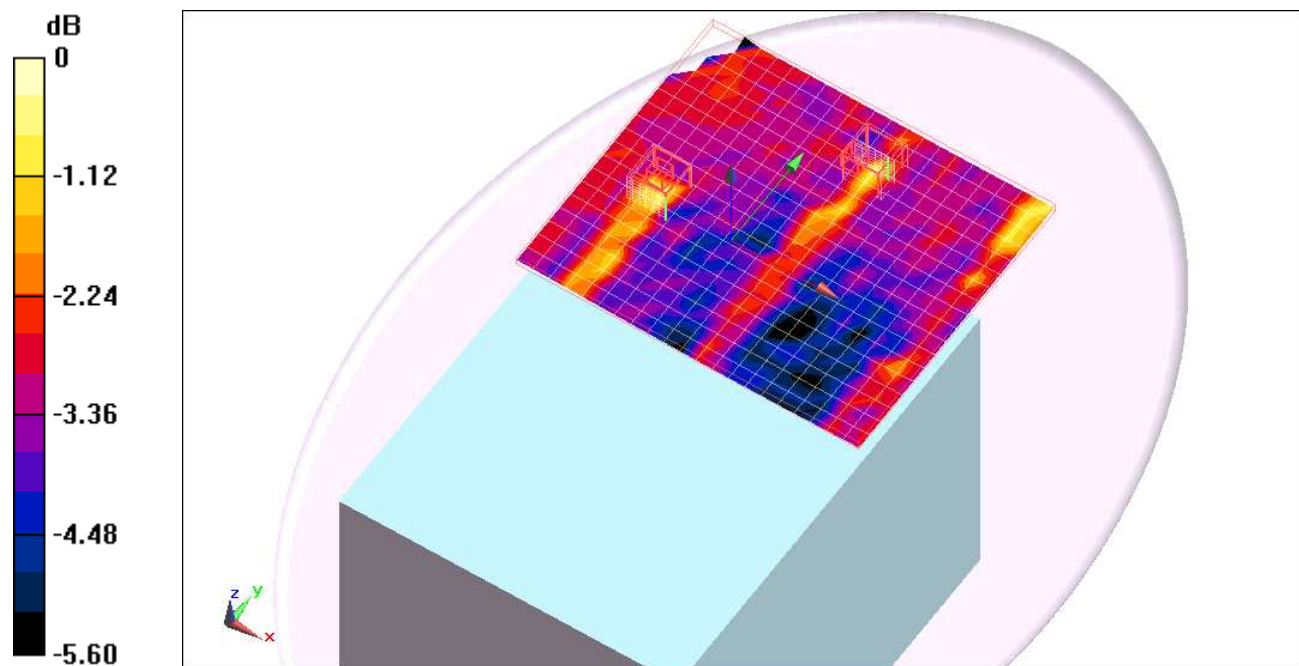
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.88, 3.88, 3.88); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 56_Ant A/Area Scan (22x19x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.226 mW/g

802.11a/Ch 56_Ant A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 5.091 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.258 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.151 mW/g
 Maximum value of SAR (measured) = 0.258 mW/g

802.11a/Ch 56_Ant A/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 5.091 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.155 mW/g
 Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.260mW/g

Test Laboratory: UL CCS SAR Lab B

012_Lap held

Communication System: WLAN_5GHz; Frequency: 5280 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.404$ mho/m; $\epsilon_r = 50.22$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

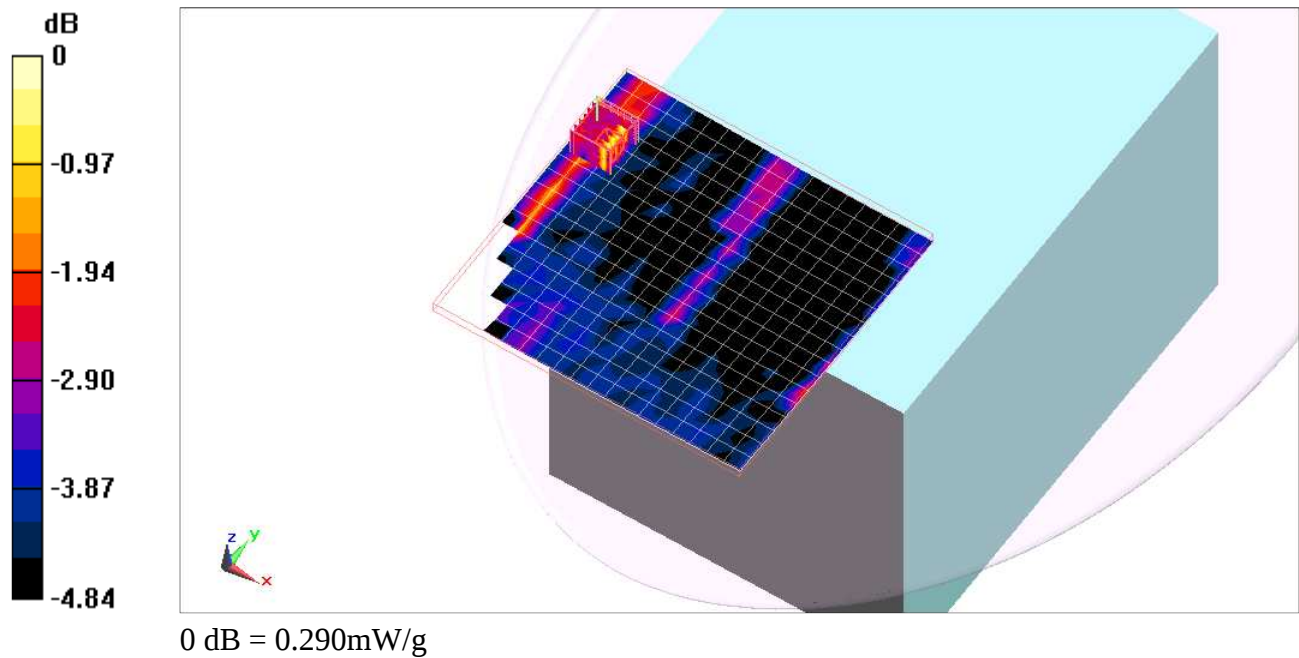
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.88, 3.88, 3.88); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 56_Ant B/Area Scan (19x18x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.210 mW/g

802.11a/Ch 56_Ant B/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 5.367 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.162 mW/g
 Maximum value of SAR (measured) = 0.294 mW/g



Test Laboratory: UL CCS SAR Lab B

013_Lap held

Communication System: WLAN_5GHz; Frequency: 5280 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.405$ mho/m; $\epsilon_r = 47.944$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

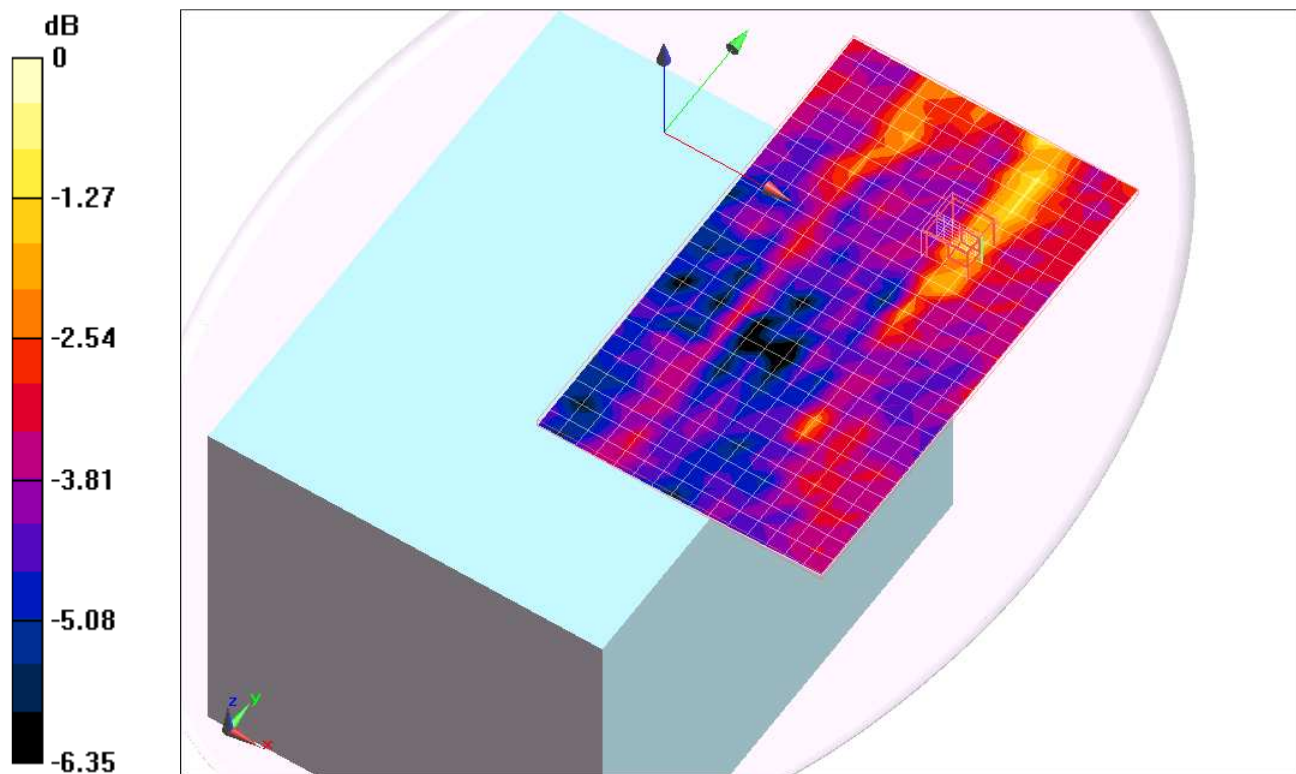
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.88, 3.88, 3.88); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 56_Ant C/Area Scan (16x26x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.192 mW/g

802.11a/Ch 56_Ant C/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 5.143 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.131 mW/g
 Maximum value of SAR (measured) = 0.227 mW/g



0 dB = 0.230mW/g

Test Laboratory: UL CCS SAR Lab B

014_Lap held

Communication System: WLAN_5GHz; Frequency: 5280 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.405$ mho/m; $\epsilon_r = 47.944$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

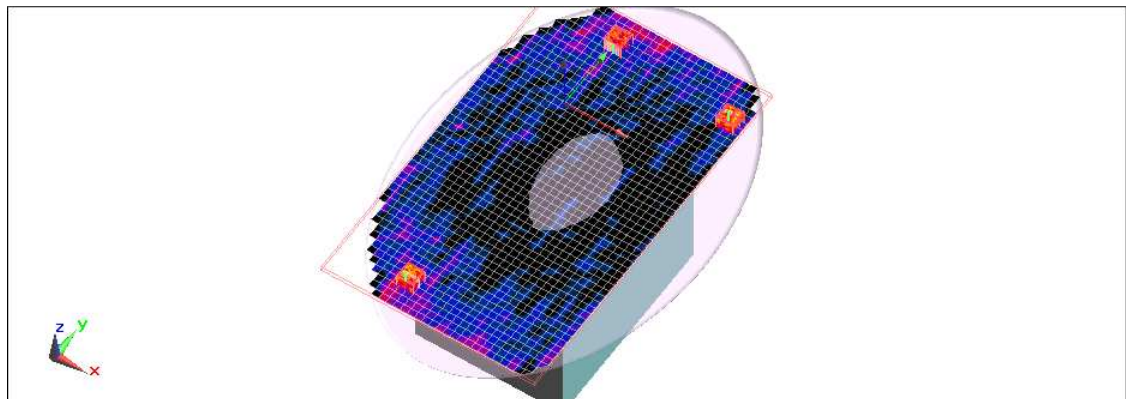
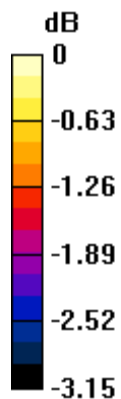
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.88, 3.88, 3.88); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 56_Ant ABC/Area Scan 2 (31x51x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.154 mW/g

802.11a/Ch 56_Ant A/Zoom Scan A (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.798 V/m; Power Drift = 0.21 dB
 Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.143 mW/g
 Maximum value of SAR (measured) = 0.187 mW/g

802.11a/Ch 56_Ant B/Zoom Scan B (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.798 V/m; Power Drift = 0.21 dB
 Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.153 mW/g
 Maximum value of SAR (measured) = 0.200 mW/g

802.11a/Ch 56_Ant C/Zoom Scan C (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.798 V/m; Power Drift = 0.21 dB
 Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.148 mW/g
 Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

Test Laboratory: UL CCS SAR Lab B

015_Bystanders

Communication System: WLAN_5GHz; Frequency: 5280 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.485$ mho/m; $\epsilon_r = 48.862$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.88, 3.88, 3.88); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 56_Ant C/Area Scan (21x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.069 mW/g

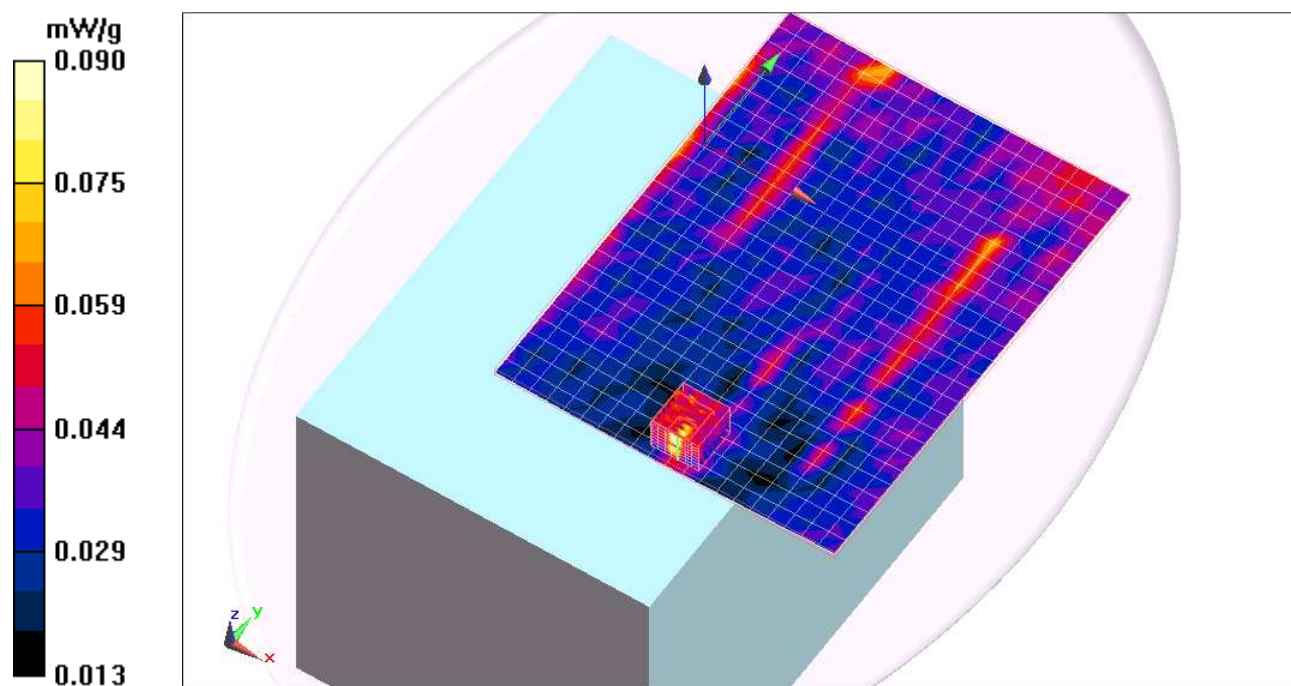
802.11a/Ch 56_Ant C/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.714 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.090 mW/g



Test Laboratory: UL CCS SAR Lab B

016_Lap held

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.794$ mho/m; $\epsilon_r = 47.666$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.26, 3.26, 3.26); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120_Ant A/Area Scan (23x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.238 mW/g

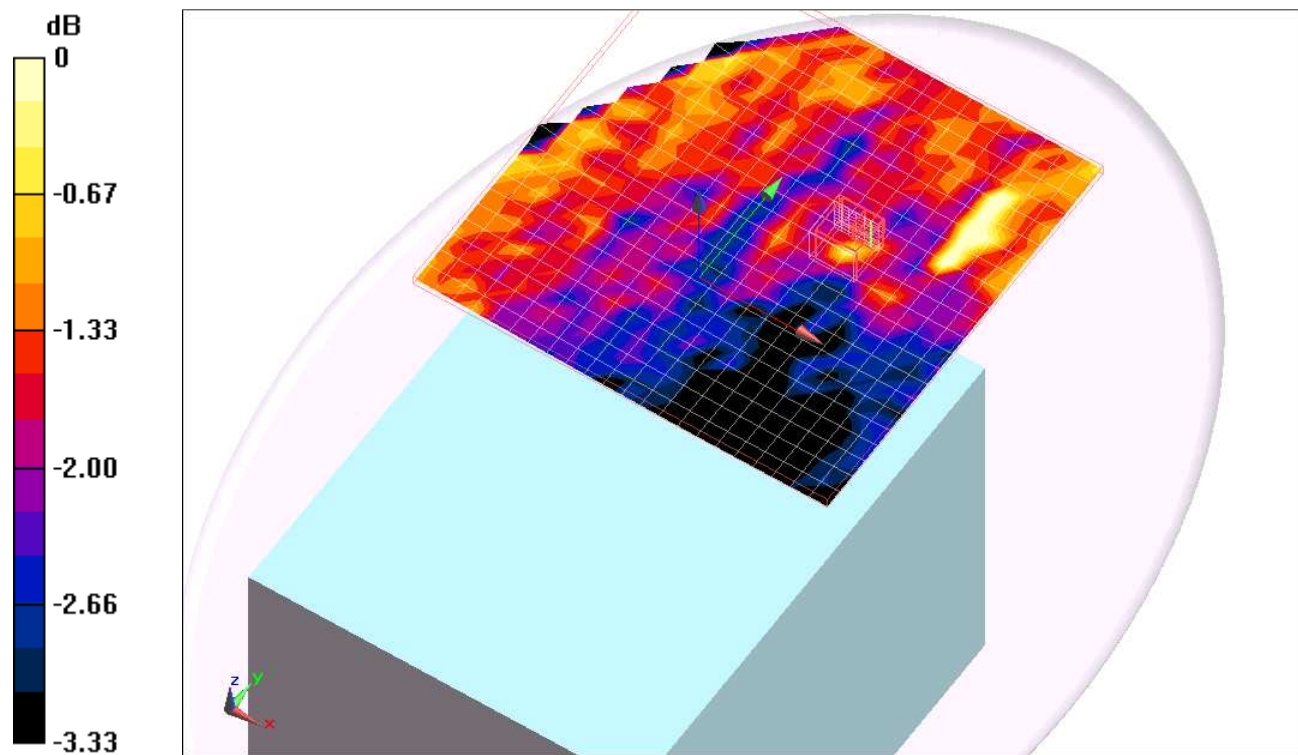
802.11a/Ch 120_Ant A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.829 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



Test Laboratory: UL CCS SAR Lab B

017_Lap held

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.794$ mho/m; $\epsilon_r = 47.666$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.26, 3.26, 3.26); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120_Ant B/Area Scan (21x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.186 mW/g

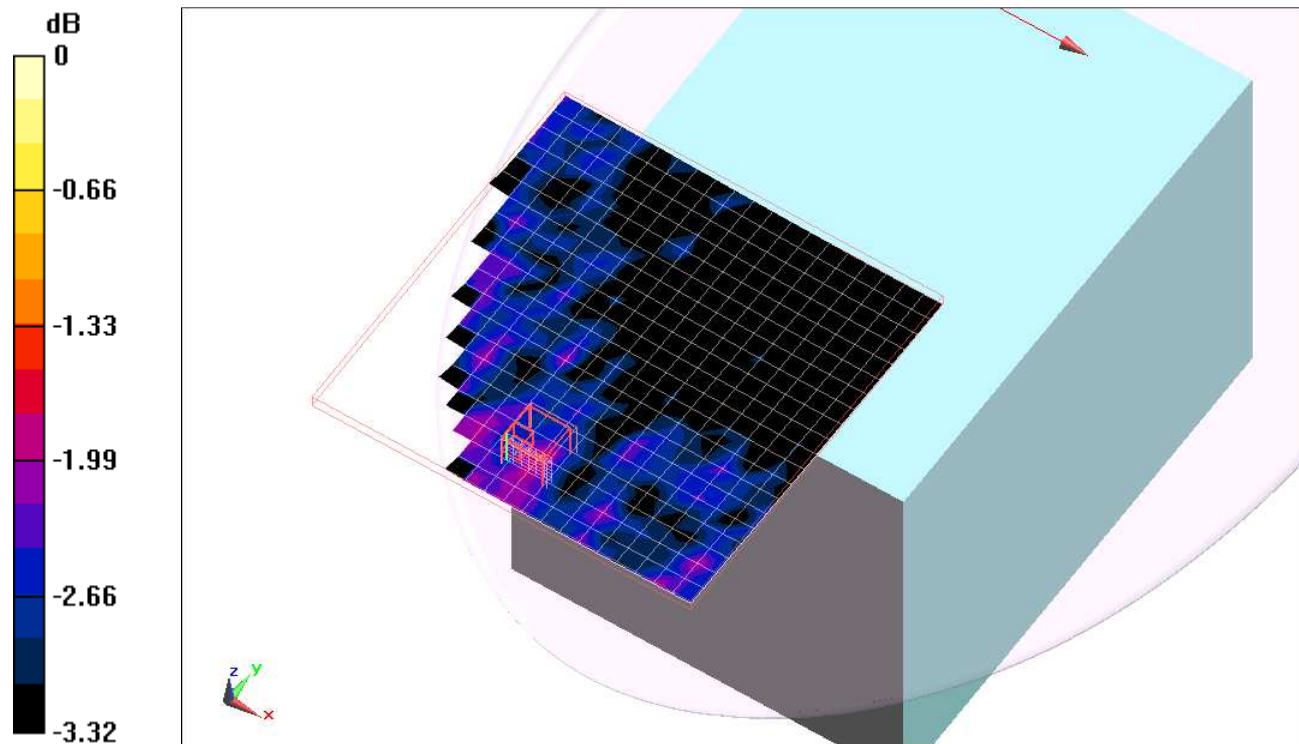
802.11a/Ch 120_Ant B/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.551 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.273 mW/g



Test Laboratory: UL CCS SAR Lab B

018_Lap held

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.794$ mho/m; $\epsilon_r = 47.666$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

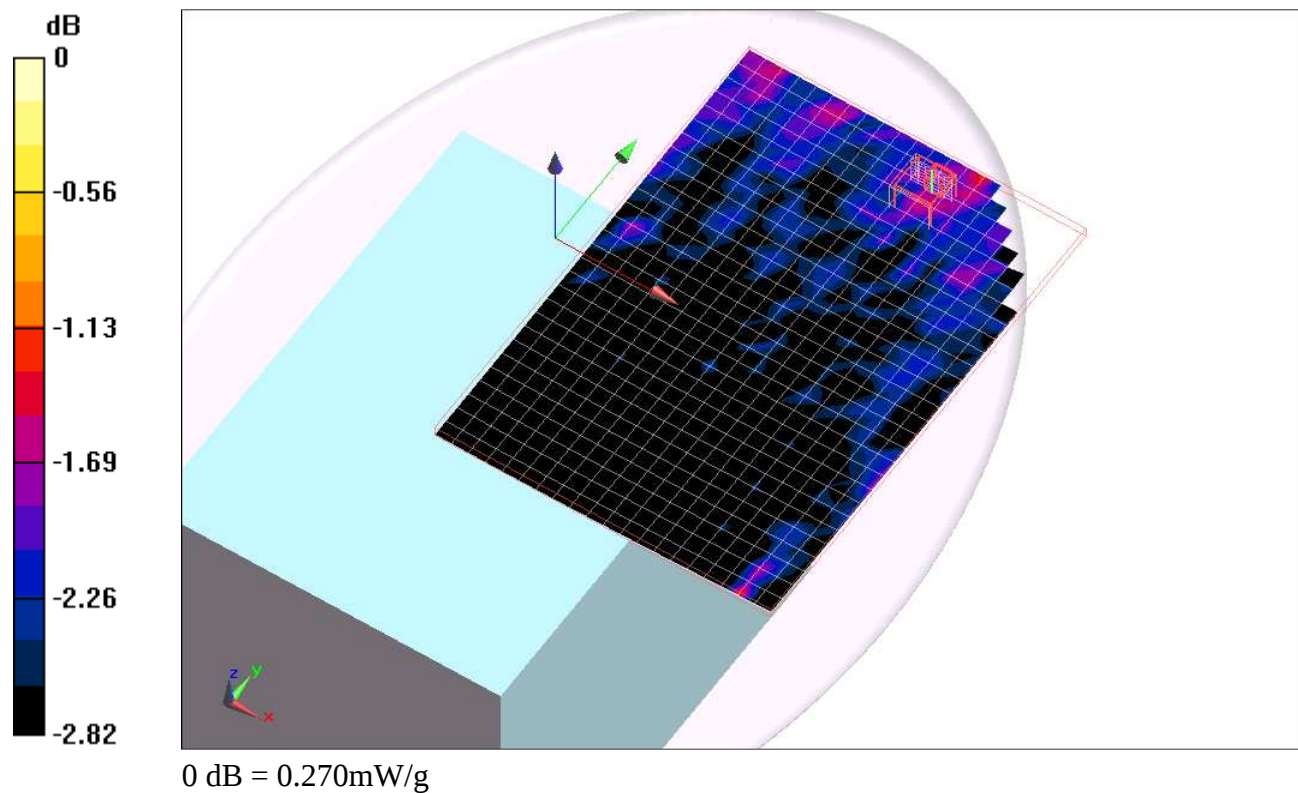
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.26, 3.26, 3.26); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120_Ant C/Area Scan 2 (21x29x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.211 mW/g

802.11a/Ch 120_Ant C/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 6.247 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.213 mW/g
 Maximum value of SAR (measured) = 0.266 mW/g



Test Laboratory: UL CCS SAR Lab B

019_Lap held

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.876$ mho/m; $\epsilon_r = 47.082$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.26, 3.26, 3.26); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120_Ant ABC/Area Scan (31x51x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.193 mW/g

802.11a/Ch 120_Ant A/Zoom Scan A (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.360 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.253 mW/g

802.11a/Ch 120_Ant B/Zoom Scan B (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.360 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.246 mW/g

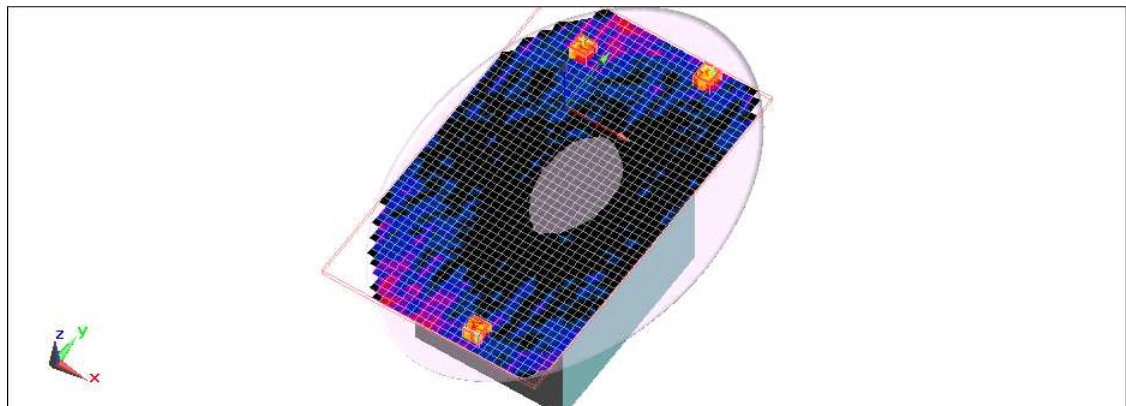
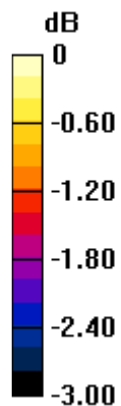
802.11a/Ch 120_Ant C/Zoom Scan C (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.360 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.260 mW/g



0 dB = 0.260mW/g

Test Laboratory: UL CCS SAR Lab B

020_Bystanders

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.661$ mho/m; $\epsilon_r = 46.279$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.26, 3.26, 3.26); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120_Ant C/Area Scan (23x31x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.077 mW/g

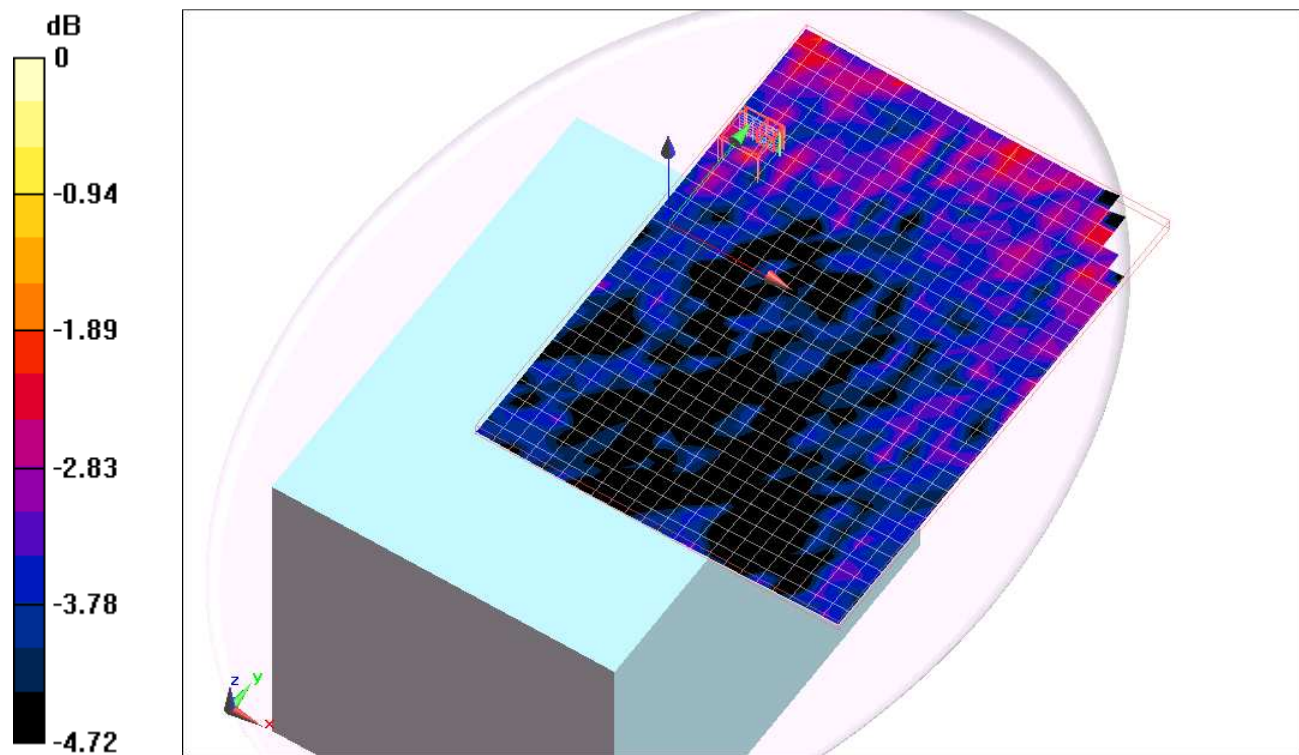
802.11a/Ch 120_Ant C/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.119 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.120mW/g

Test Laboratory: UL CCS SAR Lab B

021_Lap held

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 45.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.58, 3.58, 3.58); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157_Ant A/Area Scan (23x23x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.191 mW/g

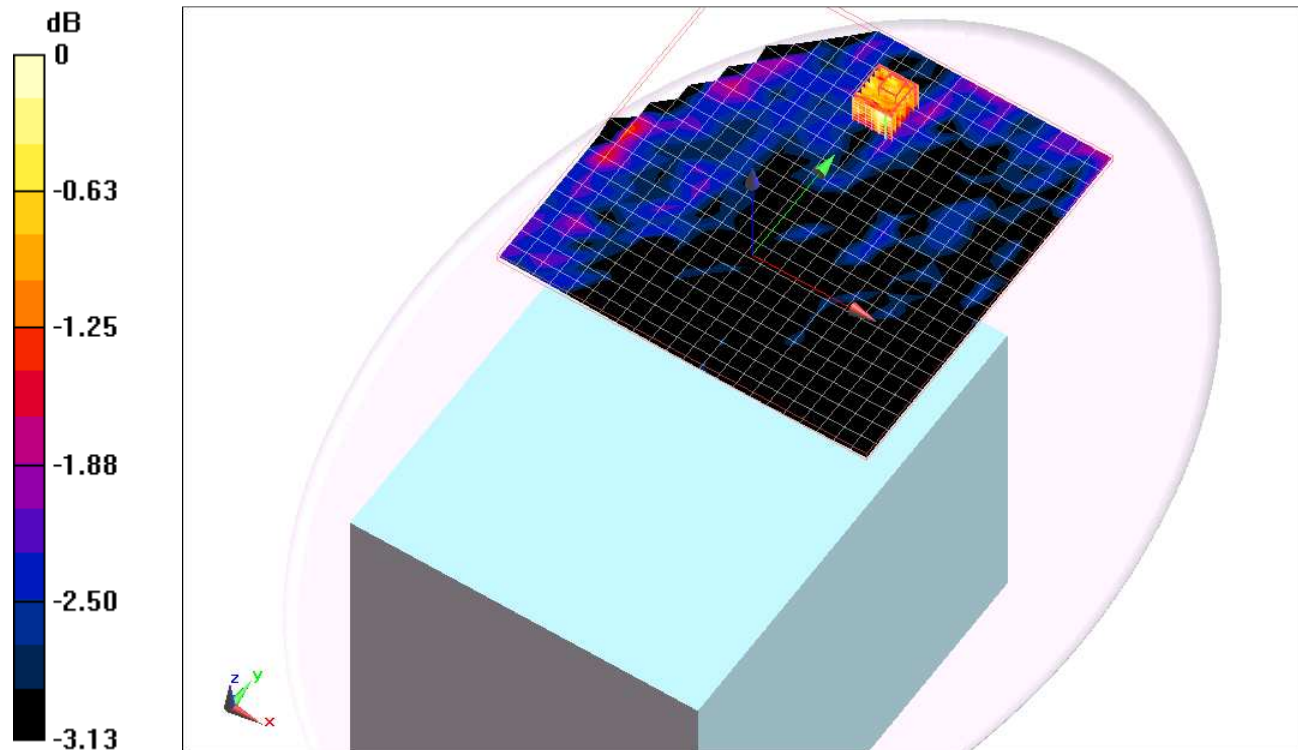
802.11a/Ch 157_Ant A/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.753 V/m; Power Drift = 0.0038 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.189 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab B

022_Lap held

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 45.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.58, 3.58, 3.58); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157_Ant B/Area Scan (21x23x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.212 mW/g

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

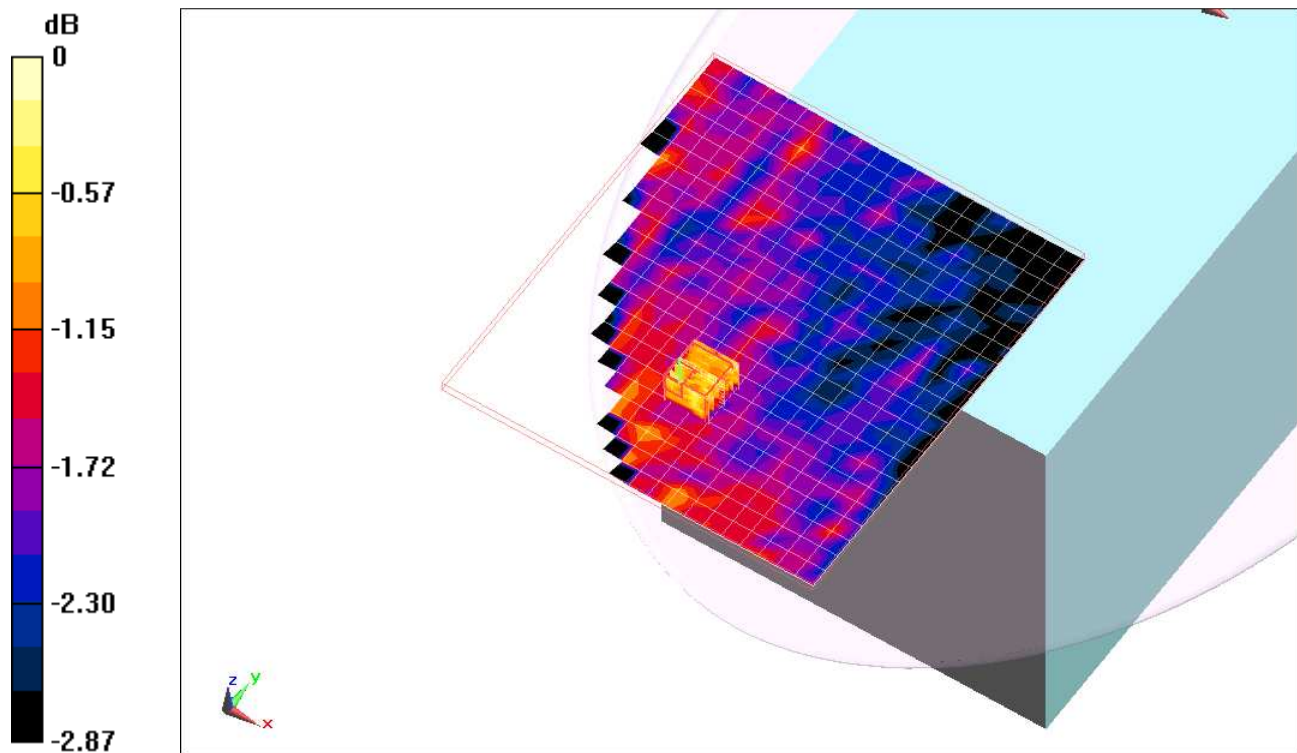
Reference Value = 5.603 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.199 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.255 mW/g



Test Laboratory: UL CCS SAR Lab B

023_Lap held

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 45.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.58, 3.58, 3.58); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157_Ant C/Area Scan (21x29x1): Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.191 mW/g

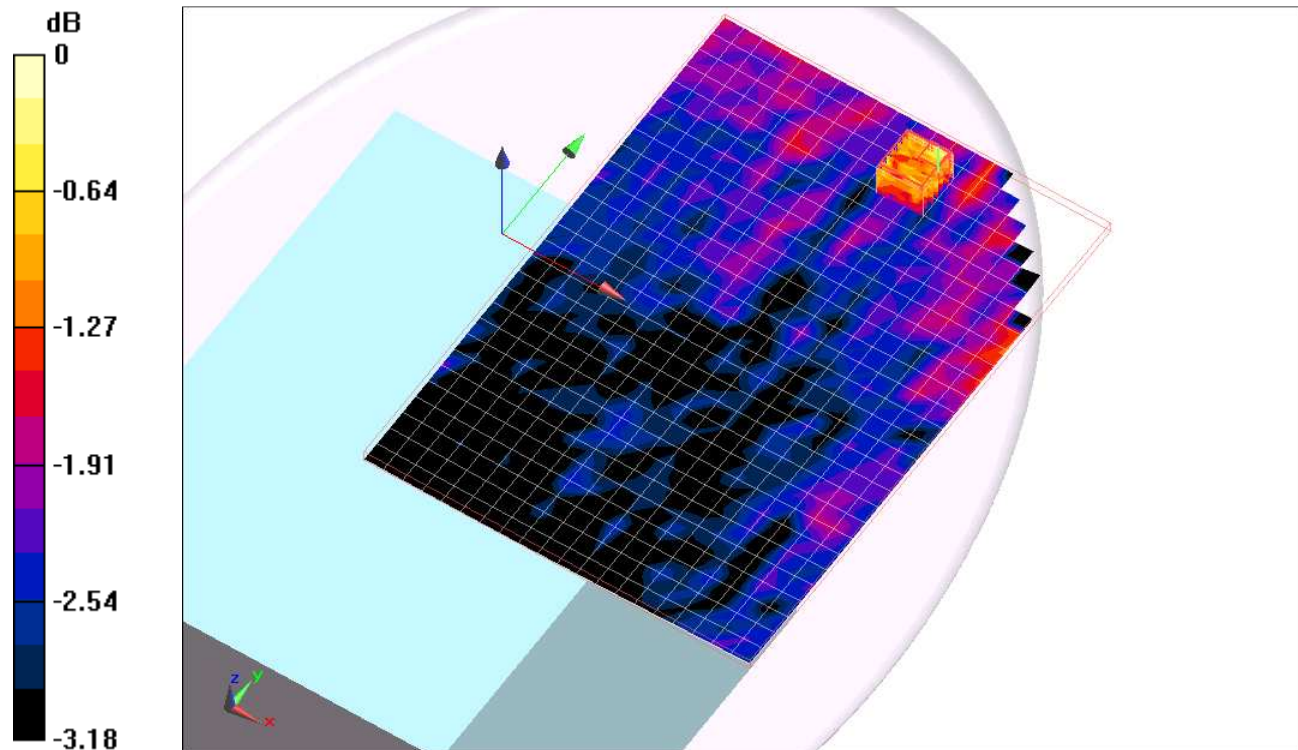
802.11a/Ch 157_Ant C/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.850 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.186 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.250mW/g

Test Laboratory: UL CCS SAR Lab B

024_Lap held

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.132$ mho/m; $\epsilon_r = 46.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.58, 3.58, 3.58); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157_Ant ABC/Area Scan (31x51x1):

Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.191 mW/g

802.11a/Ch 157_Ant A/Zoom Scan A (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.701 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.184 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.231 mW/g

802.11a/Ch 157_Ant B/Zoom Scan B (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.701 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.192 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.288 mW/g

802.11a/Ch 157_Ant C/Zoom Scan C (7x7x9)/Cube 0:

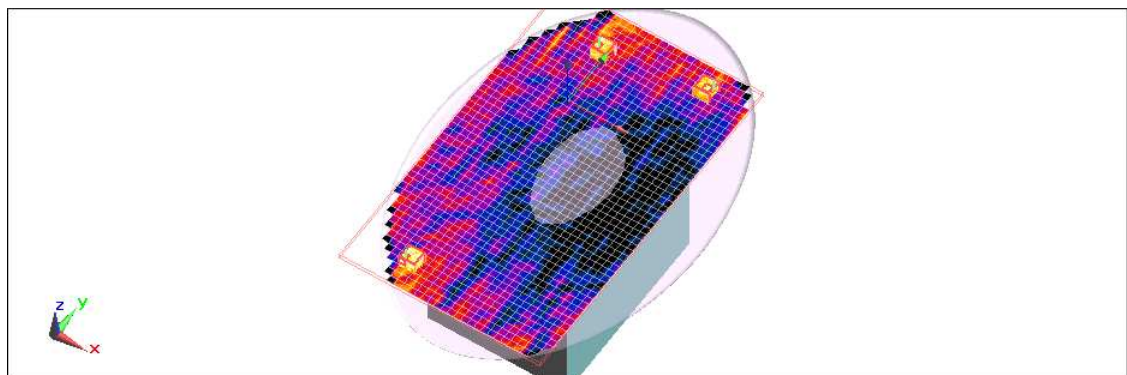
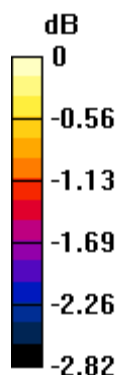
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.701 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.185 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.220mW/g

Test Laboratory: UL CCS SAR Lab B

025_Bystanders

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 45.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(3.58, 3.58, 3.58); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157_Ant C/Area Scan (23x31x1):

Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.076 mW/g

802.11a/Ch 157_Ant C/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.619 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.089 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.152 mW/g

802.11a/Ch 157_Ant C/Zoom Scan 2 (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.619 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.070 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.092 mW/g

