

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.319$ mho/m; $\epsilon_r = 49.867$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 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 - SN3686; ConvF(3.98, 3.98, 3.98); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.2GHz/802.11a_Ch 40/Area Scan (161x231x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.980 mW/g

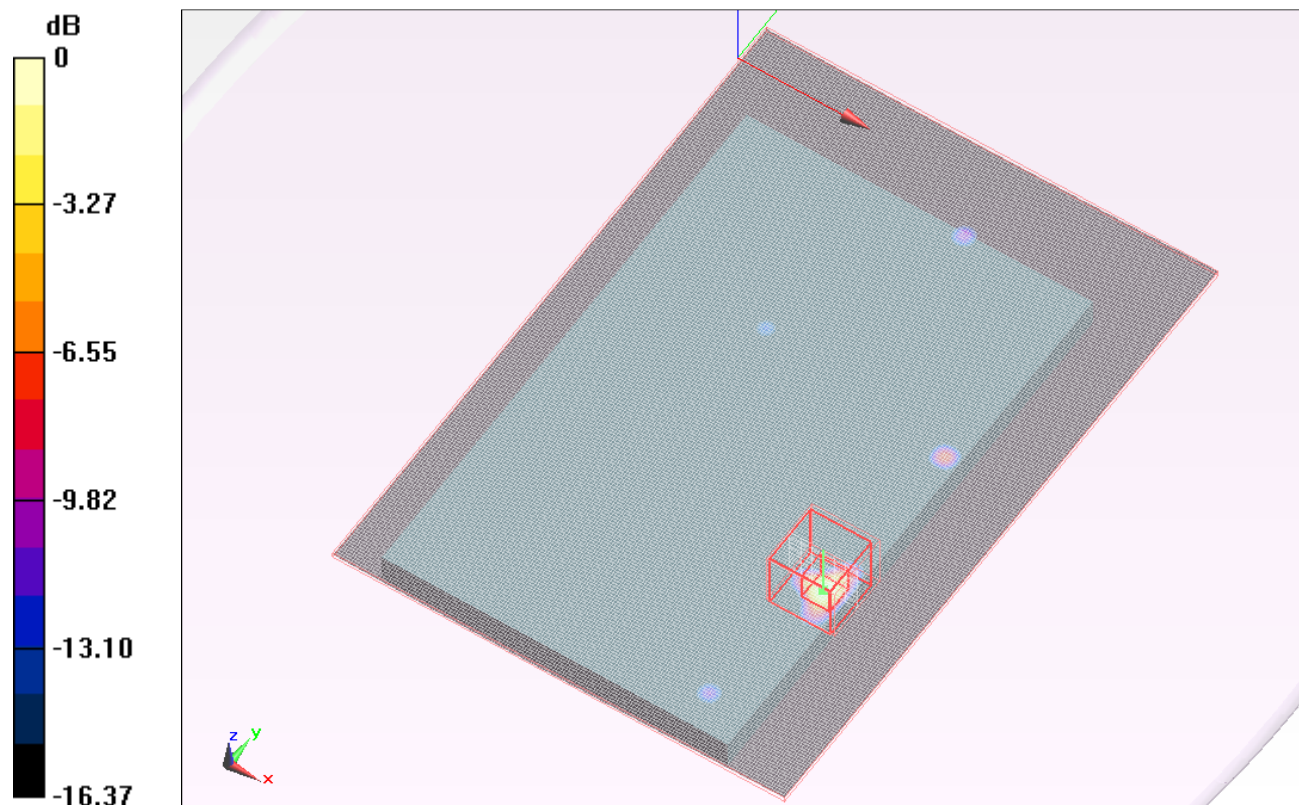
Bottom Face/5.2GHz/802.11a_Ch 40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.328 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.528 W/kg

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 1.055 mW/g



0 dB = 1.060mW/g

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5GHz Bands

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 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.319$ mho/m; $\epsilon_r = 49.867$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 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 - SN3686; ConvF(3.98, 3.98, 3.98); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.2 GHz/802.11a/Ch 40/Area Scan (91x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.276 mW/g

Secondary Portrait/5.2 GHz/802.11a/Ch 40/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

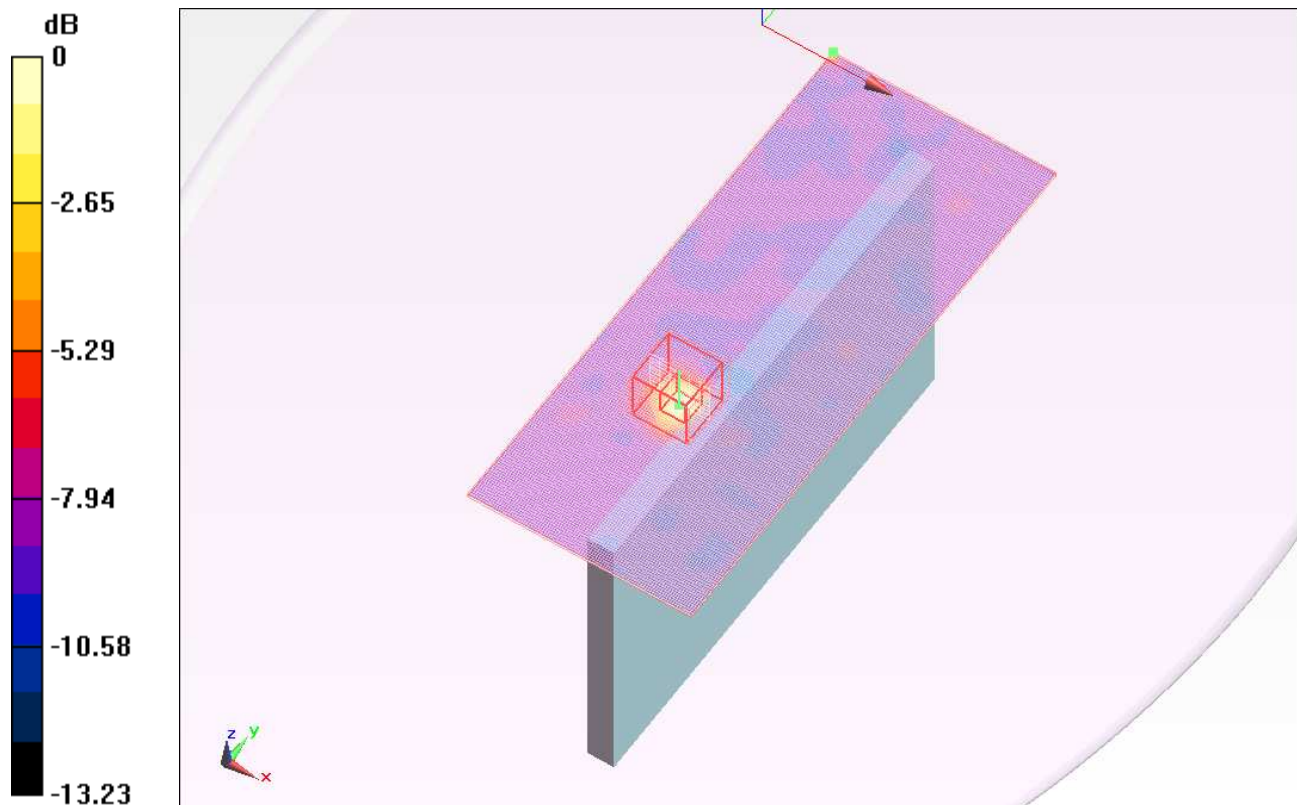
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.353 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.066 mW/g

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



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5190 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.235$ mho/m; $\epsilon_r = 51.621$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

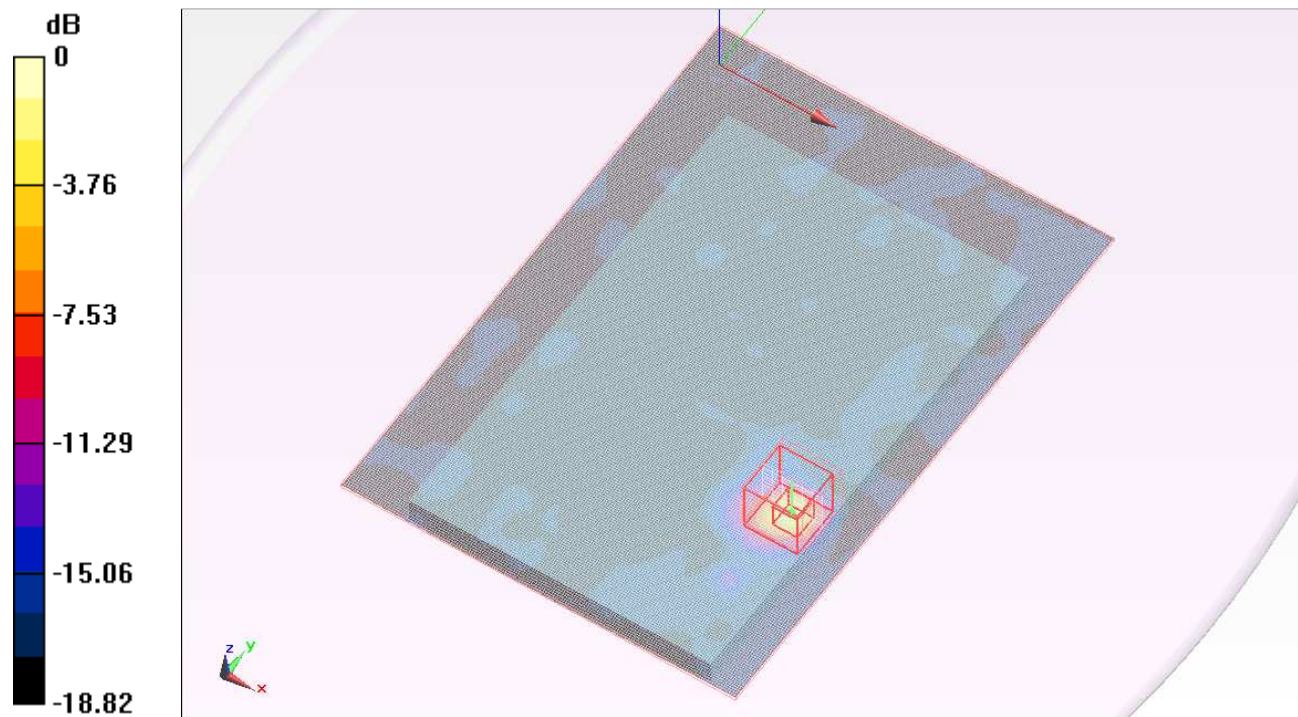
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(3.98, 3.98, 3.98); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.2GHz/802.11n HT40/Ch 38/Area Scan (161x231x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.875 mW/g

Bottom Face /5.2GHz/802.11n HT40/Ch 38/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 11.818 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 3.523 W/kg
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.171 mW/g
 Maximum value of SAR (measured) = 1.521 mW/g



0 dB = 1.520mW/g

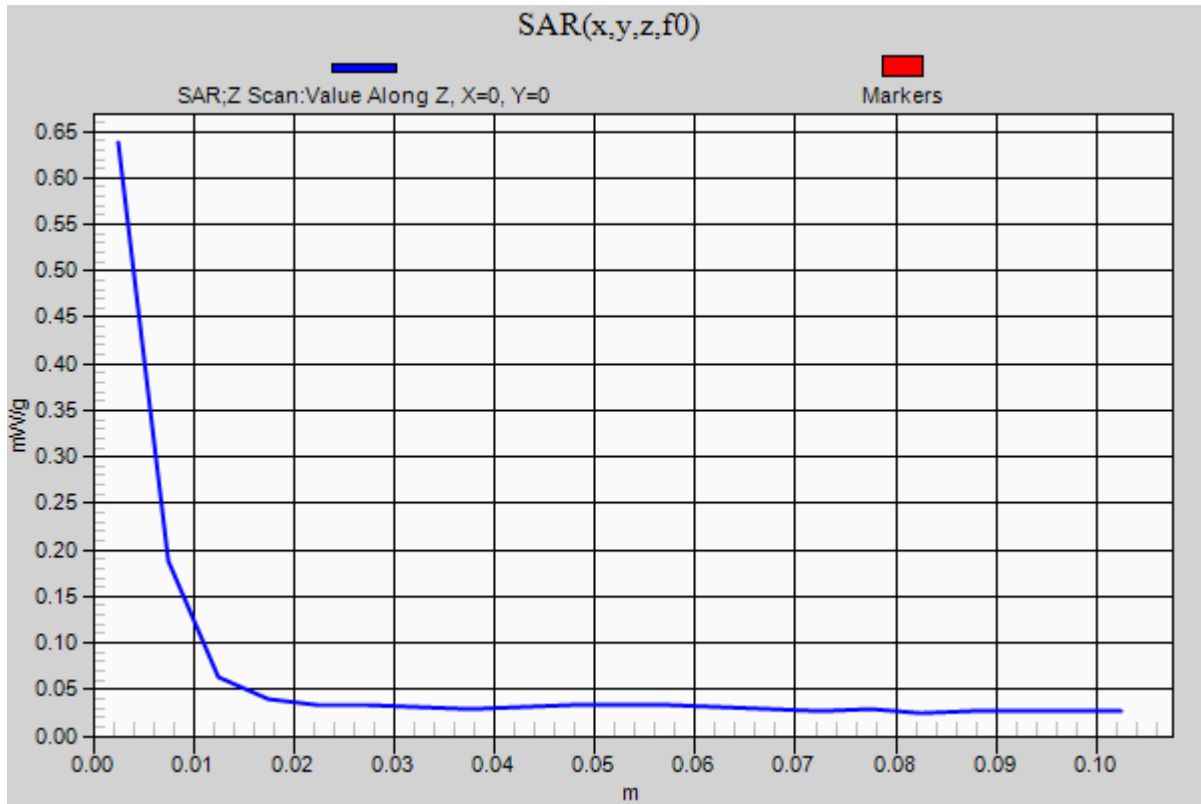
Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5190 MHz; Duty Cycle: 1:1

Bottom Face /5.2GHz/802.11n HT40/Ch 38/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.638 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5190 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5190$ MHz; $\sigma = 5.235$ mho/m; $\epsilon_r = 51.621$; $\rho = 1000$ 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 - SN3686; ConvF(3.98, 3.98, 3.98); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.2 GHz 802.11n HT40/Ch 38/Area Scan (101x201x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.266 mW/g

Secondary Portrait/5.2 GHz 802.11n HT40/Ch 38/Zoom Scan (7x7x9)/Cube 0: Measurement

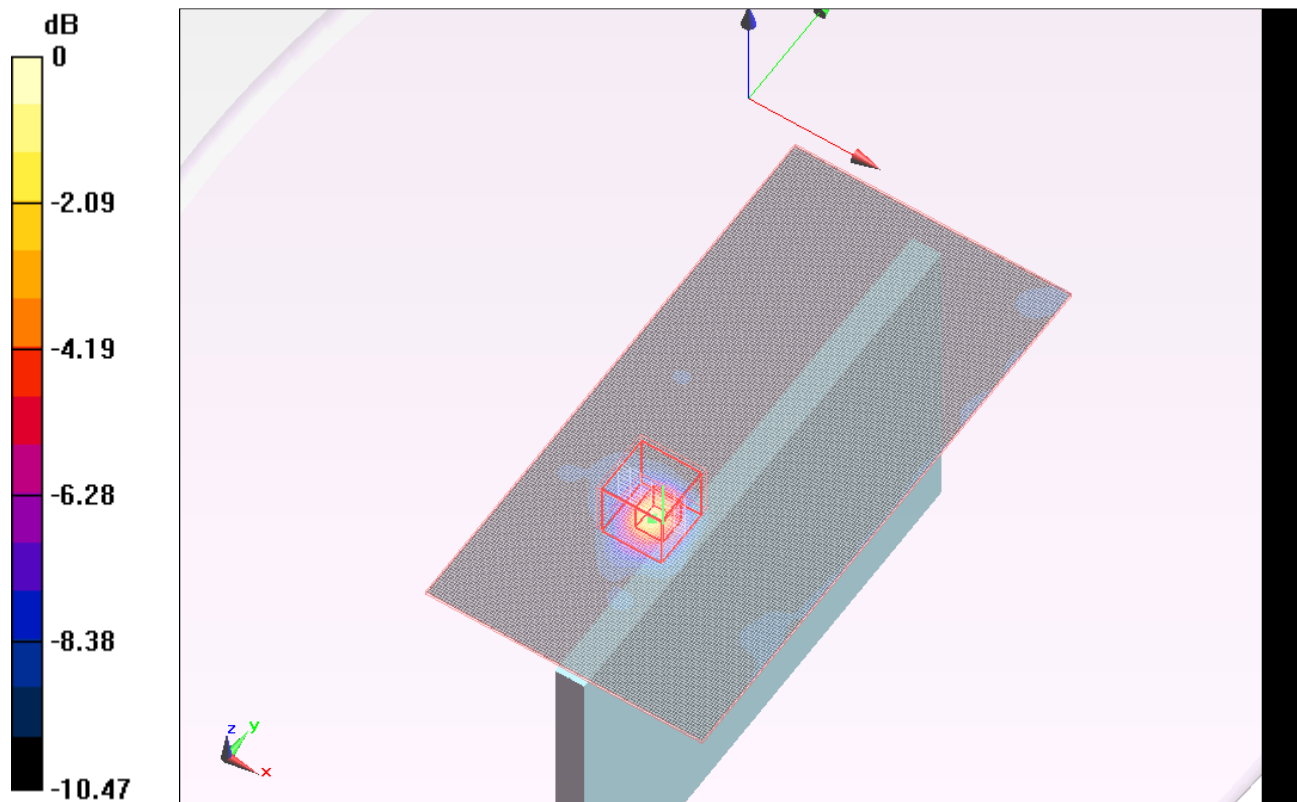
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 7.616 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.348 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.448$ mho/m; $\epsilon_r = 49.672$; $\rho = 1000$ 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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.3GHz/802.11a_Ch 56/Area Scan (161x231x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.727 mW/g

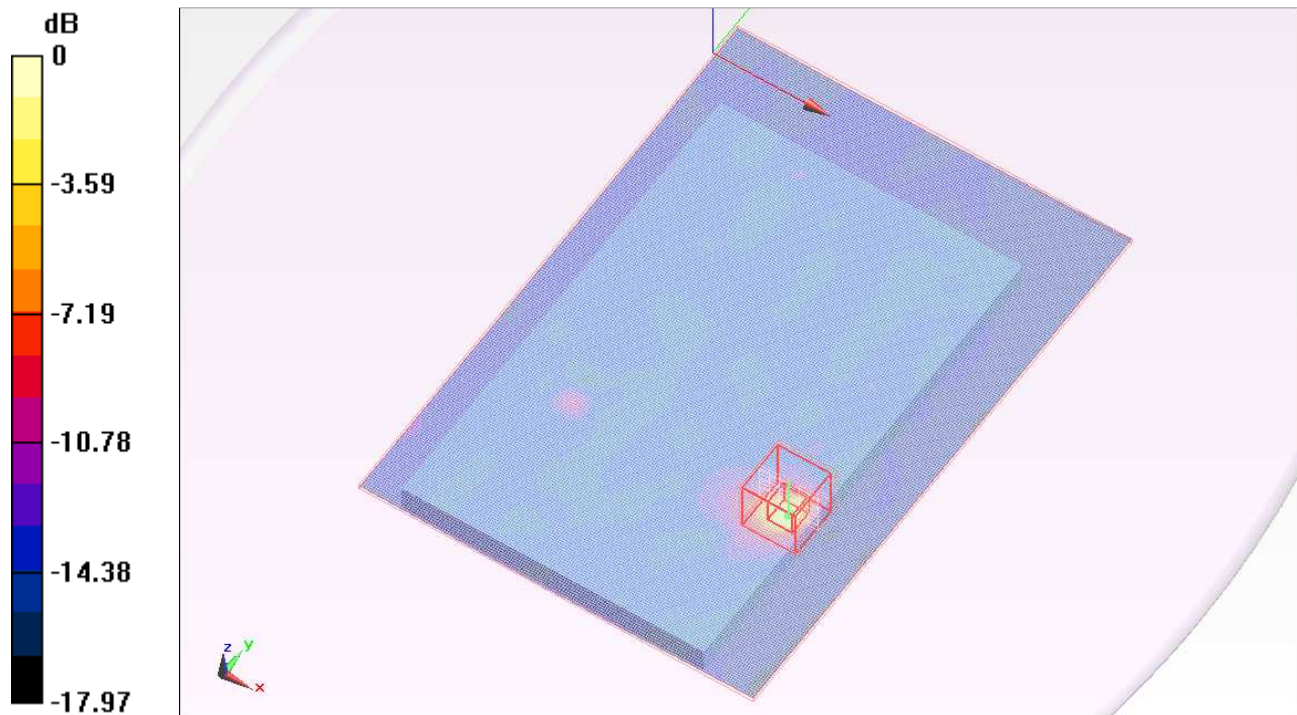
Bottom Face/5.3GHz/802.11a_Ch 56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.141 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.420 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.983 mW/g



0 dB = 0.980mW/g

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.448$ mho/m; $\epsilon_r = 49.672$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

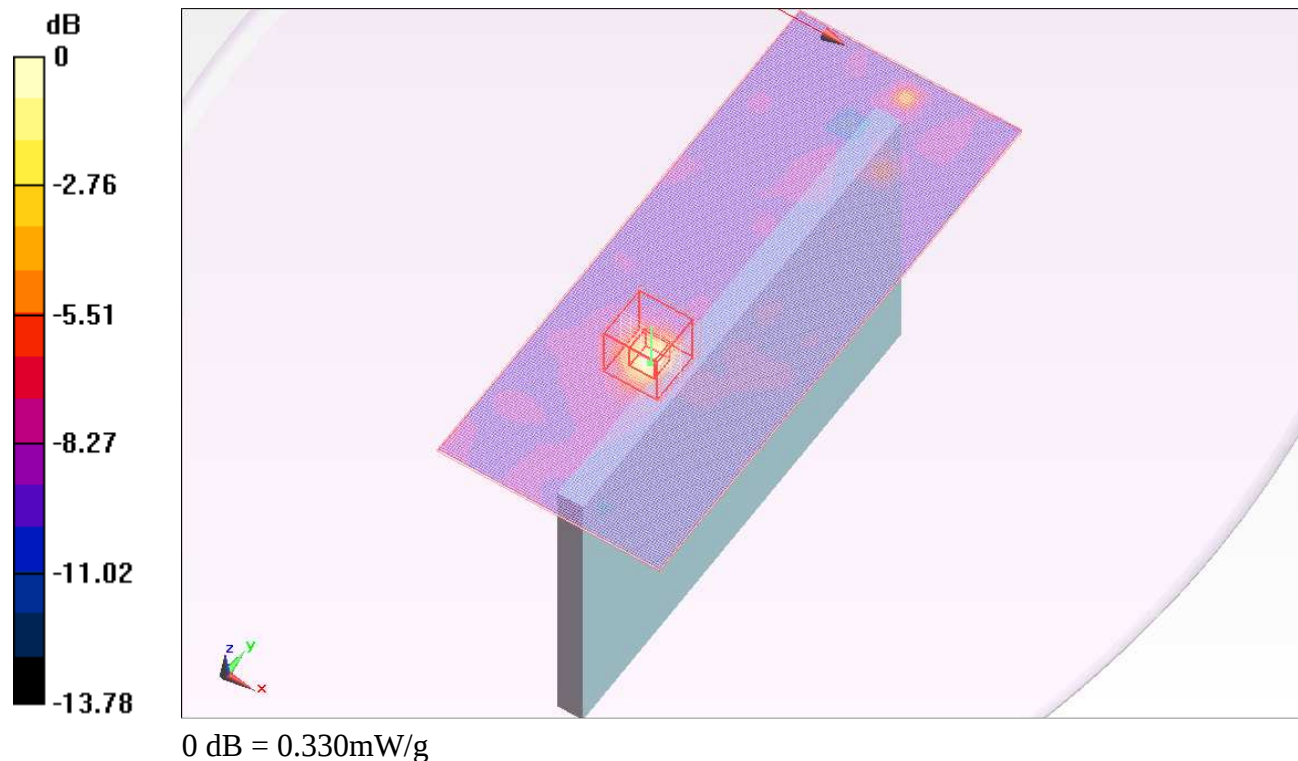
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.3GHz/802.11a/Ch 56/Area Scan (91x221x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.338 mW/g

Secondary Portrait/5.3GHz/802.11a/Ch 56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 8.146 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.966 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.077 mW/g
 Maximum value of SAR (measured) = 0.333 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.404$ mho/m; $\epsilon_r = 51.407$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

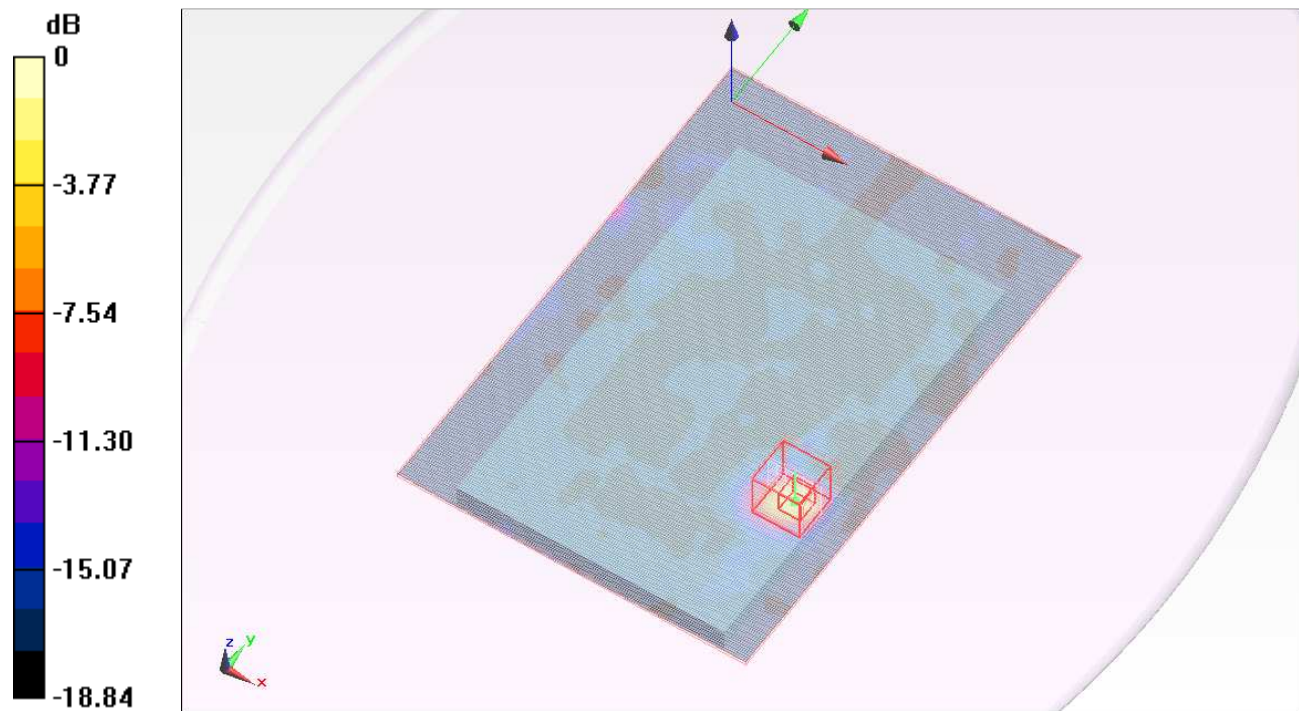
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.3GHz/802.11n HT40/Ch 62/Area Scan (161x231x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.849 mW/g

Bottom Face/5.3GHz/802.11n HT40/Ch 62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 11.930 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 3.593 W/kg
SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.178 mW/g
 Maximum value of SAR (measured) = 1.490 mW/g



0 dB = 1.490mW/g

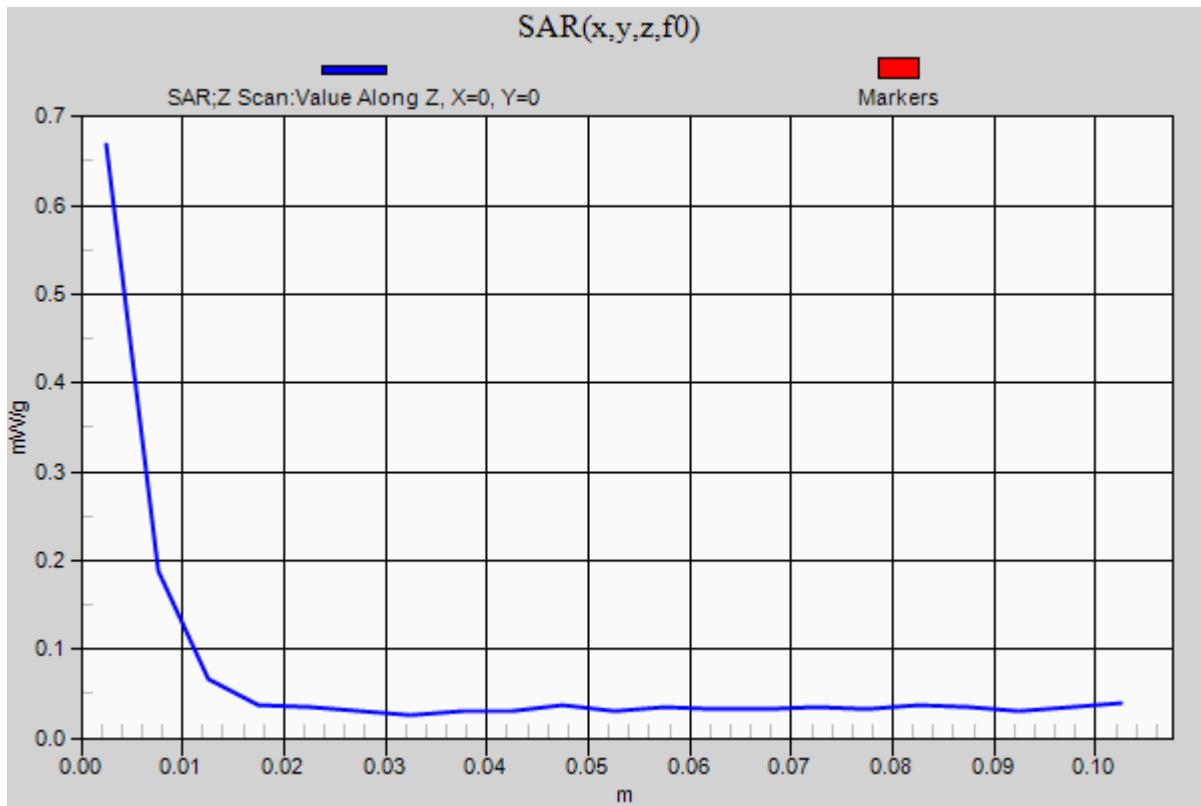
Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5310 MHz; Duty Cycle: 1:1

Bottom Face/5.3GHz/802.11n HT40/Ch 62/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.668 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5310$ MHz; $\sigma = 5.404$ mho/m; $\epsilon_r = 51.407$; $\rho = 1000$ 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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.3 GHz/802.11n HT40/Ch62/Area Scan (101x201x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.384 mW/g

Secondary Portrait/5.3 GHz/802.11n HT40/Ch62/Zoom Scan (7x7x9)/Cube 0: Measurement

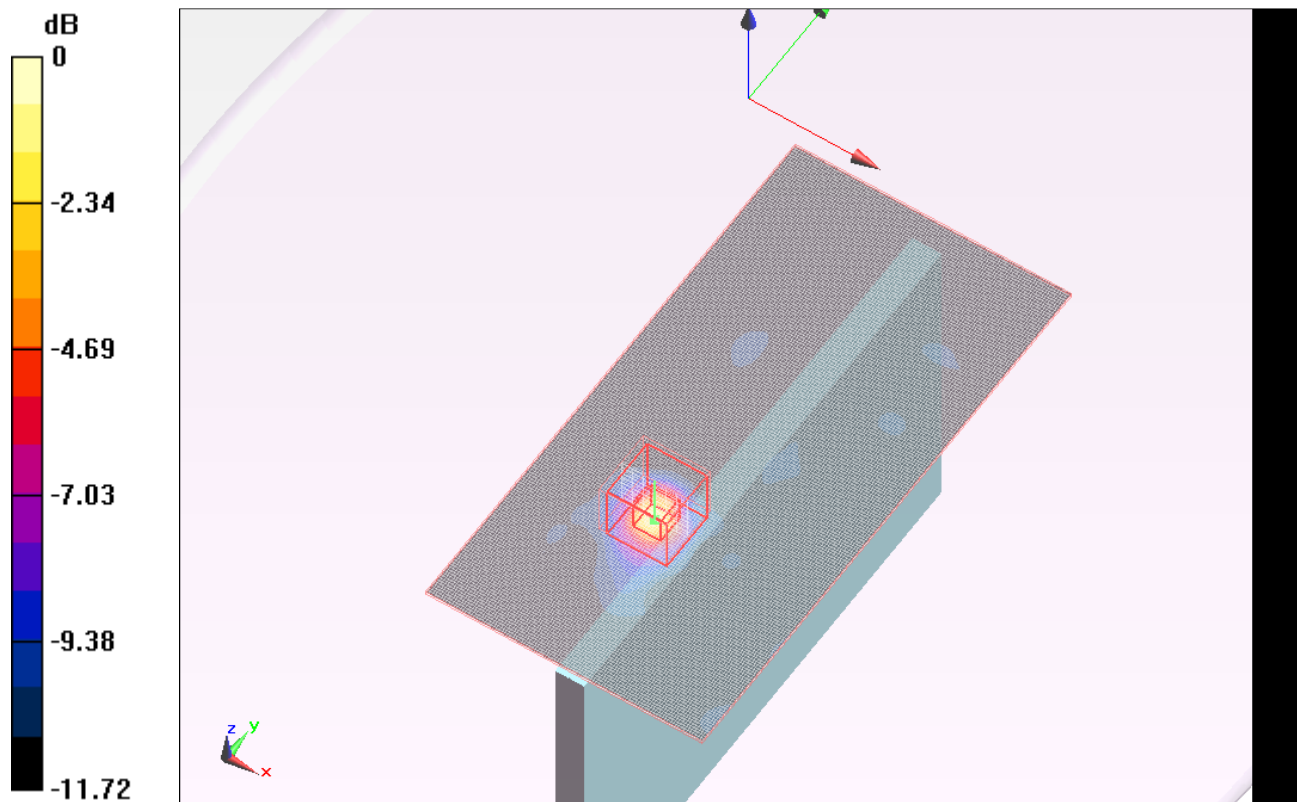
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 8.896 V/m; Power Drift = 0.0077 dB

Peak SAR (extrapolated) = 1.347 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.480mW/g

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.84$ mho/m; $\epsilon_r = 49.139$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

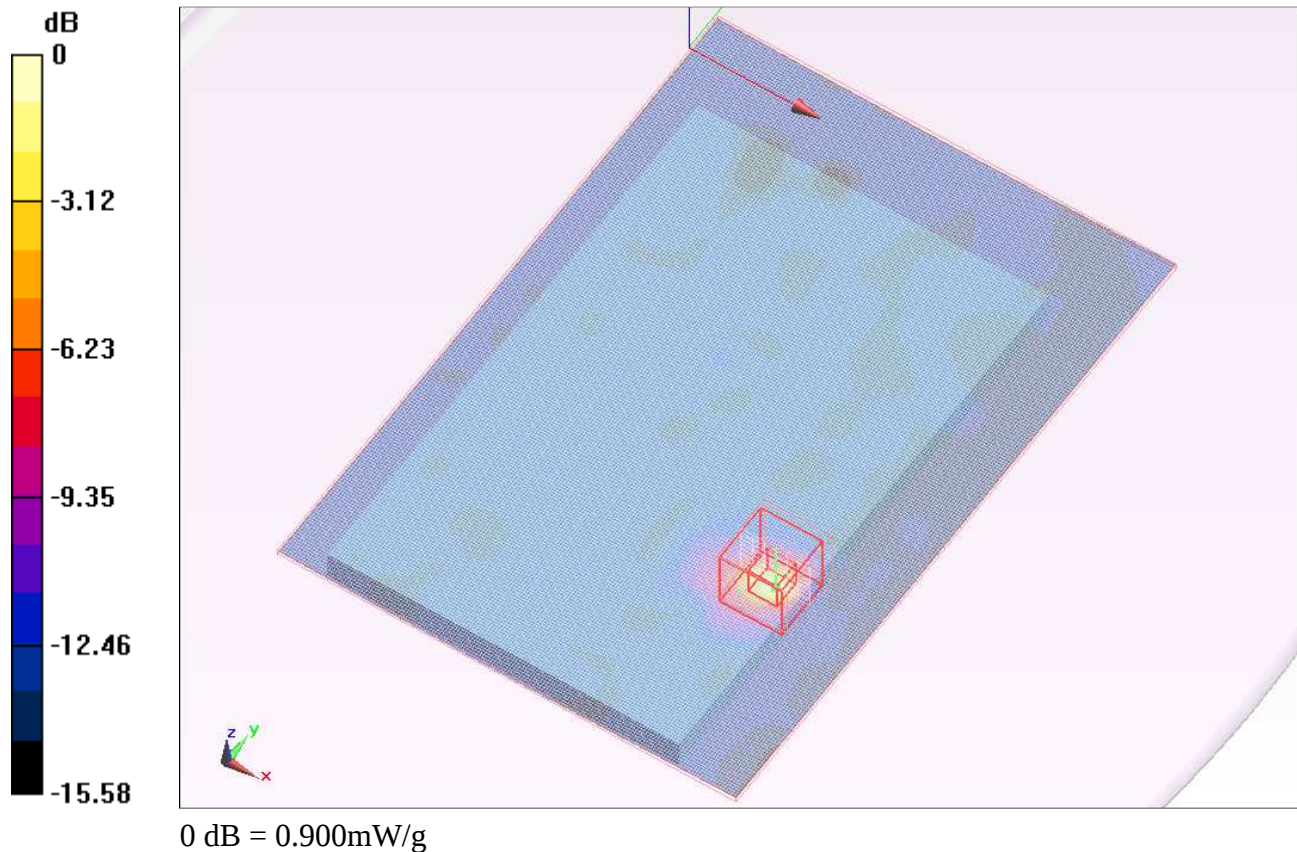
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(3.29, 3.29, 3.29); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.5GHz/802.11a_Ch120/Area Scan (161x231x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.620 mW/g

Bottom Face/5.5GHz/802.11a_Ch120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 10.327 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 1.407 W/kg
SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.088 mW/g
 Maximum value of SAR (measured) = 0.904 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.84$ mho/m; $\epsilon_r = 49.139$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

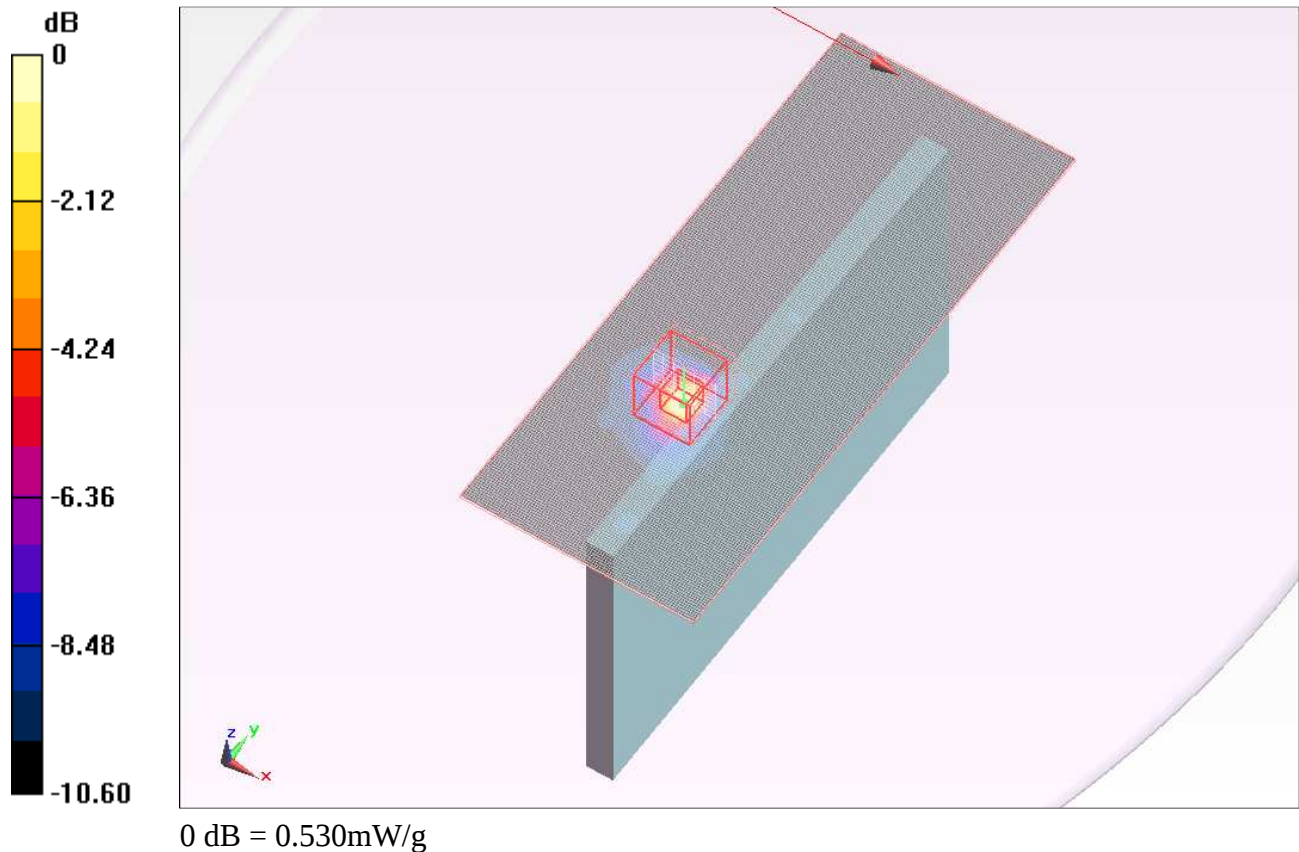
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(3.29, 3.29, 3.29); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.5GHz/802.11a/Ch 120/Area Scan (91x221x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.534 mW/g

Secondary Portrait/5.5GHz/802.11a/Ch 120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 9.987 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.552 W/kg
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.107 mW/g
 Maximum value of SAR (measured) = 0.526 mW/g



Test Laboratory: UL CCS SAR Lab C

5.5GHz Bands

Communication System: IEEE 802.11a/n 5 GHz Band; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5510$ MHz; $\sigma = 5.794$ mho/m; $\epsilon_r = 52.053$; $\rho = 1000$ 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 - SN3772; ConvF(3.5, 3.5, 3.5); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Face/802.11n HT40_Ch 102/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.933 mW/g

Bottom Face/802.11n HT40_Ch 102/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm,

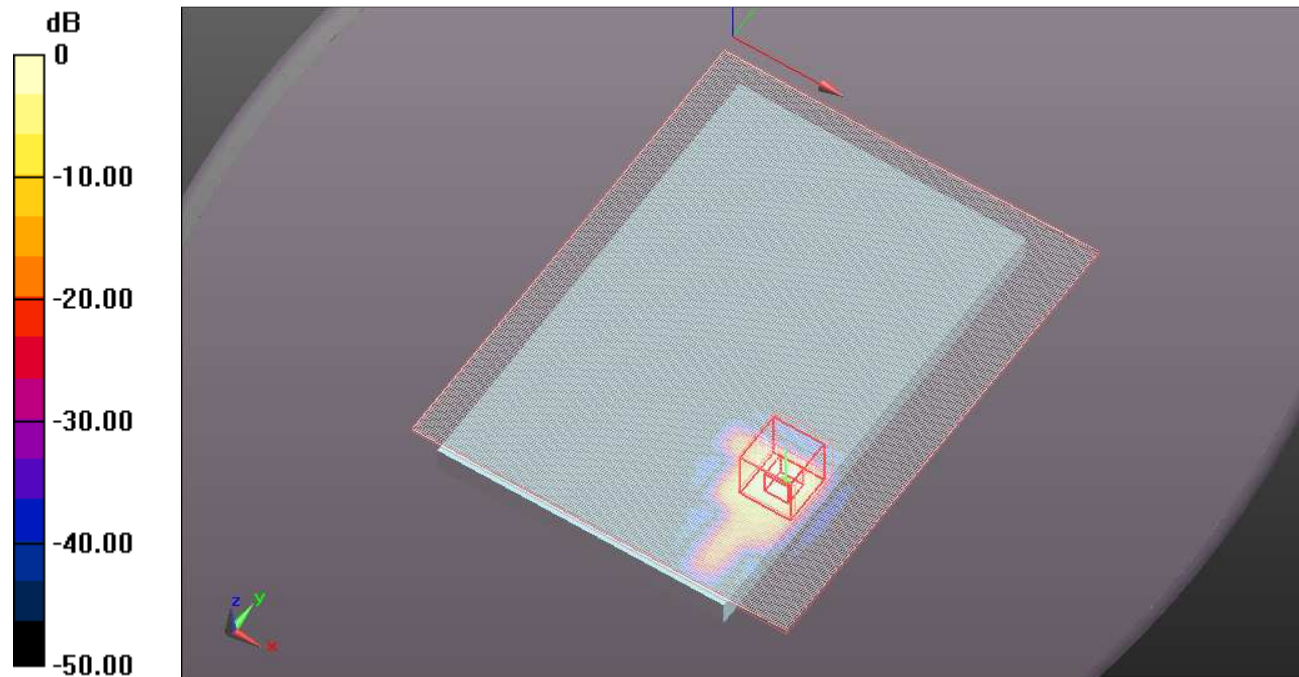
dy=4mm, dz=2.5mm

Reference Value = 10.421 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.422 W/kg

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 1.098 mW/g



0 dB = 1.100mW/g

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5670 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.948$ mho/m; $\epsilon_r = 50.796$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

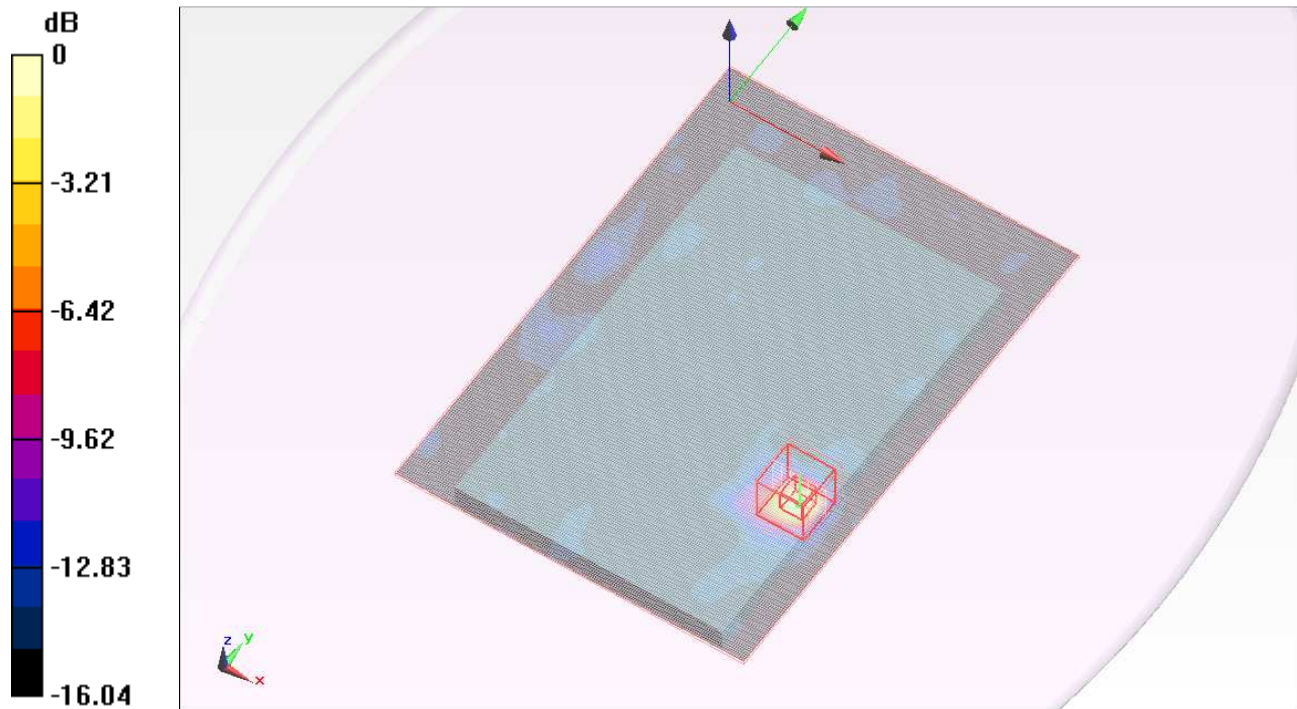
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(3.29, 3.29, 3.29); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.5GHz/802.11n HT40/Ch 134/Area Scan (161x231x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.039 mW/g

Bottom Face/5.5GHz/802.11n HT40/Ch 134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 10.556 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 3.159 W/kg
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.175 mW/g
 Maximum value of SAR (measured) = 1.313 mW/g



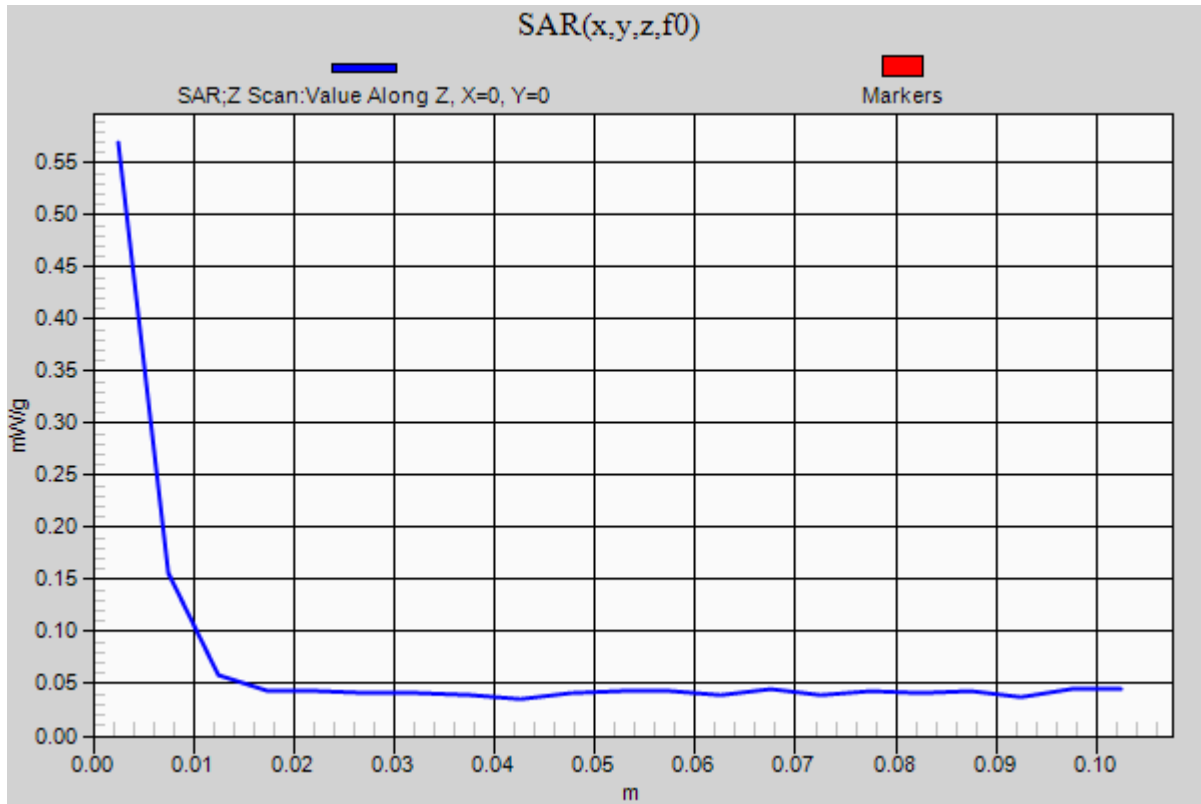
0 dB = 1.310mW/g

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5670 MHz; Duty Cycle: 1:1

Bottom Face/5.5GHz/802.11n HT40/Ch 134/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.570 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5670 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.948$ mho/m; $\epsilon_r = 50.796$; $\rho = 1000$ 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 - SN3686; ConvF(3.29, 3.29, 3.29); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.5GHz/802.11n HT40/Ch 134/Area Scan (101x201x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.460 mW/g

Secondary Portrait/5.5GHz/802.11n HT40/Ch 134/Zoom Scan (7x7x9)/Cube 0: Measurement

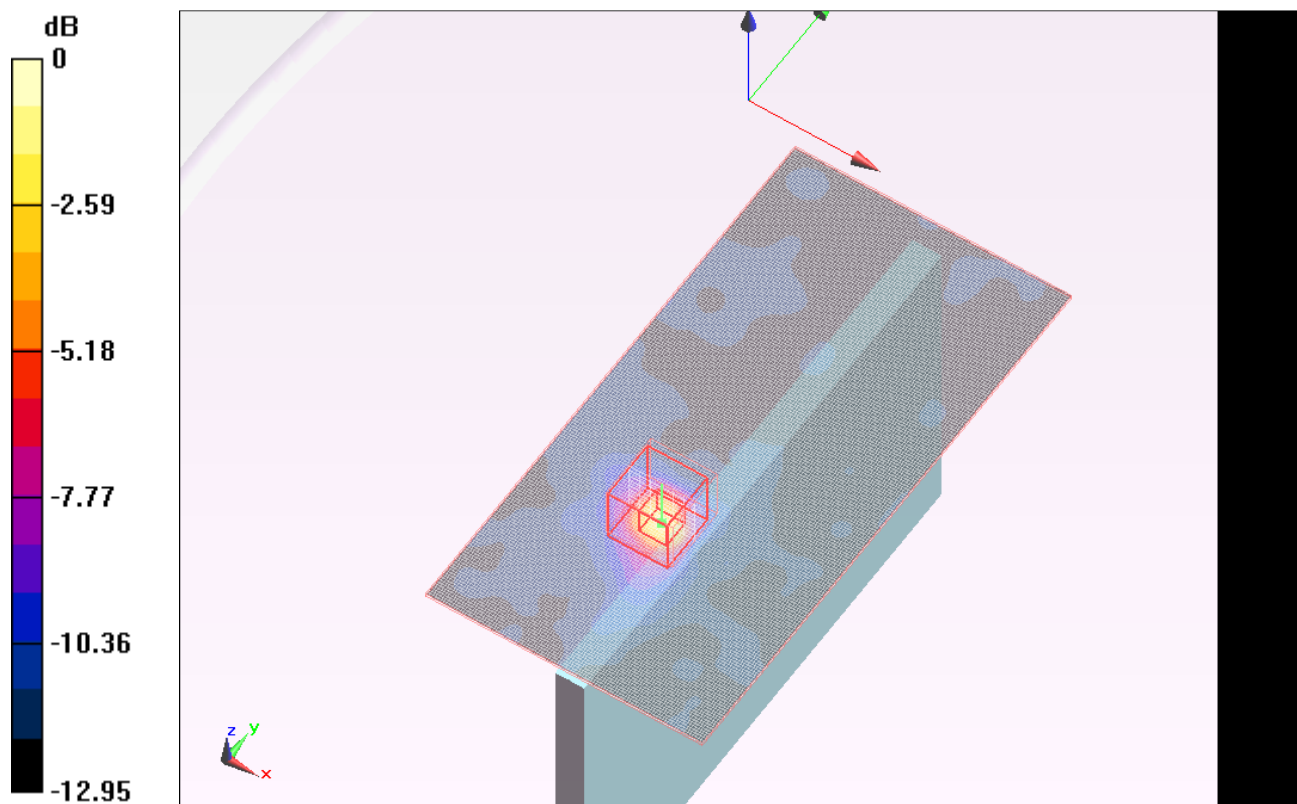
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 8.700 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.499 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.624 mW/g



0 dB = 0.620mW/g

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.03$ mho/m; $\epsilon_r = 48.883$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

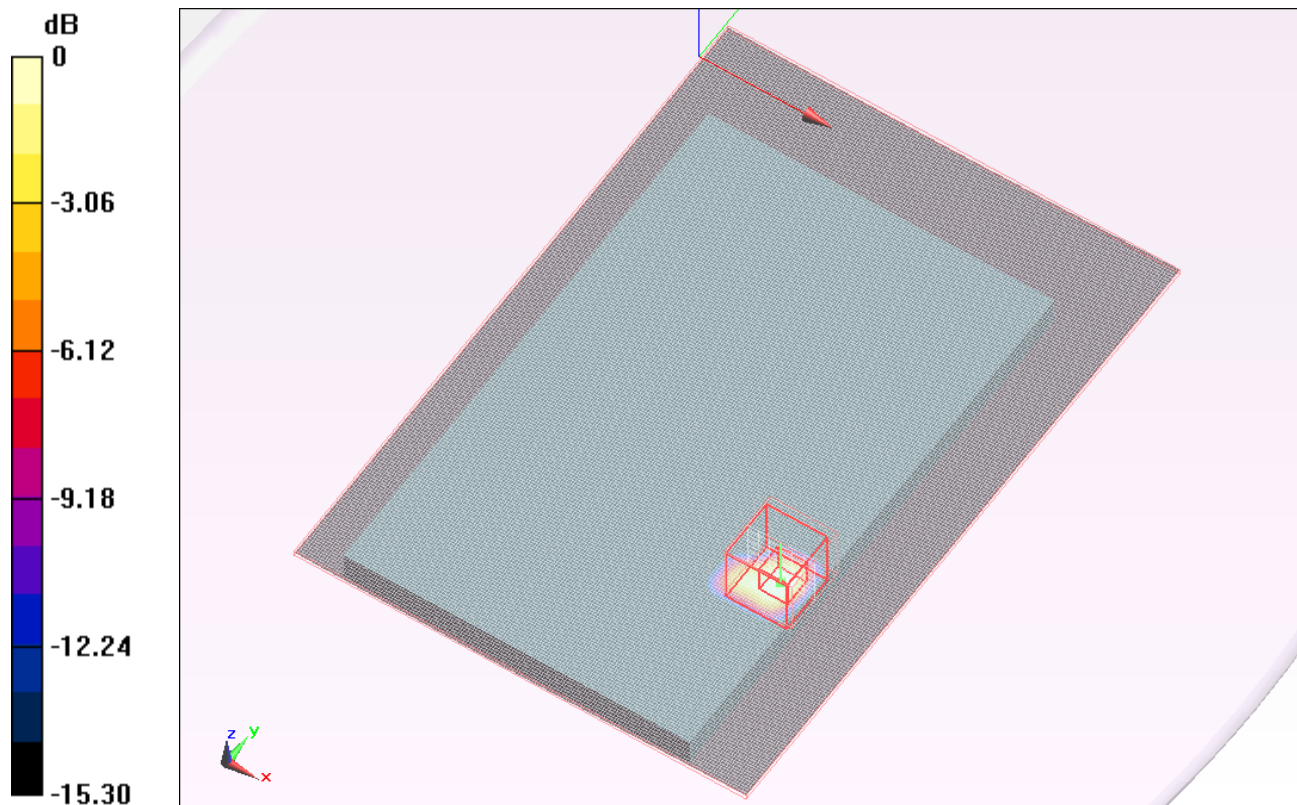
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.8GHz/802.11a_Ch149/Area Scan (161x231x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.735 mW/g

Bottom Face/5.8GHz/802.11a_Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 11.875 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 2.022 W/kg
SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.122 mW/g
 Maximum value of SAR (measured) = 1.210 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.03 \text{ mho/m}$; $\epsilon_r = 48.883$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

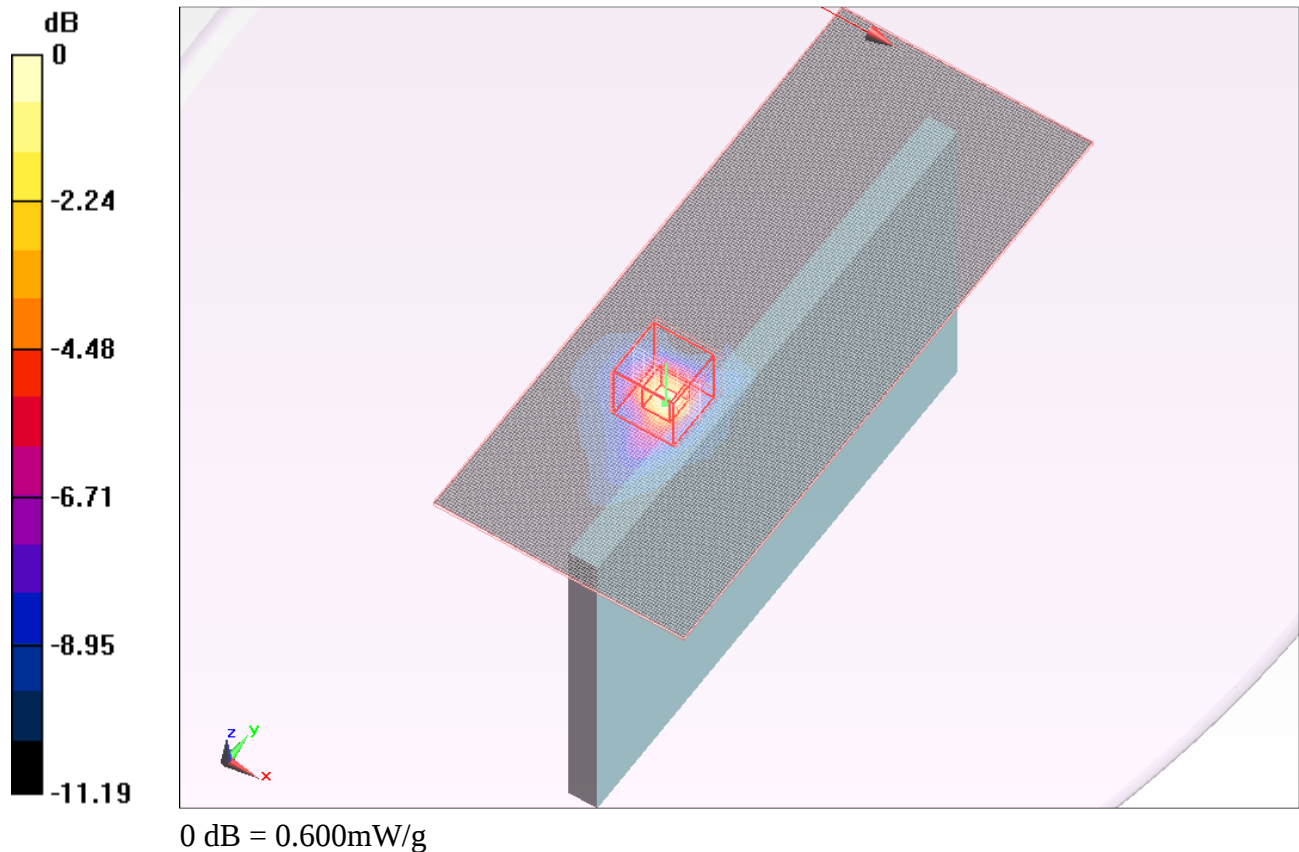
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.2 GHz/802.11a/Ch 149/Area Scan (91x221x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 0.571 mW/g

Secondary Portrait/5.2 GHz/802.11a/Ch 149/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
 $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$
 Reference Value = 9.161 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 1.756 W/kg
SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.119 mW/g
 Maximum value of SAR (measured) = 0.604 mW/g



Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5755 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.082$ mho/m; $\epsilon_r = 50.641$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Face/5.8GHz_802.11n HT40/Ch 151/Area Scan (161x231x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.788 mW/g

Bottom Face/5.8GHz_802.11n HT40/Ch 151/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

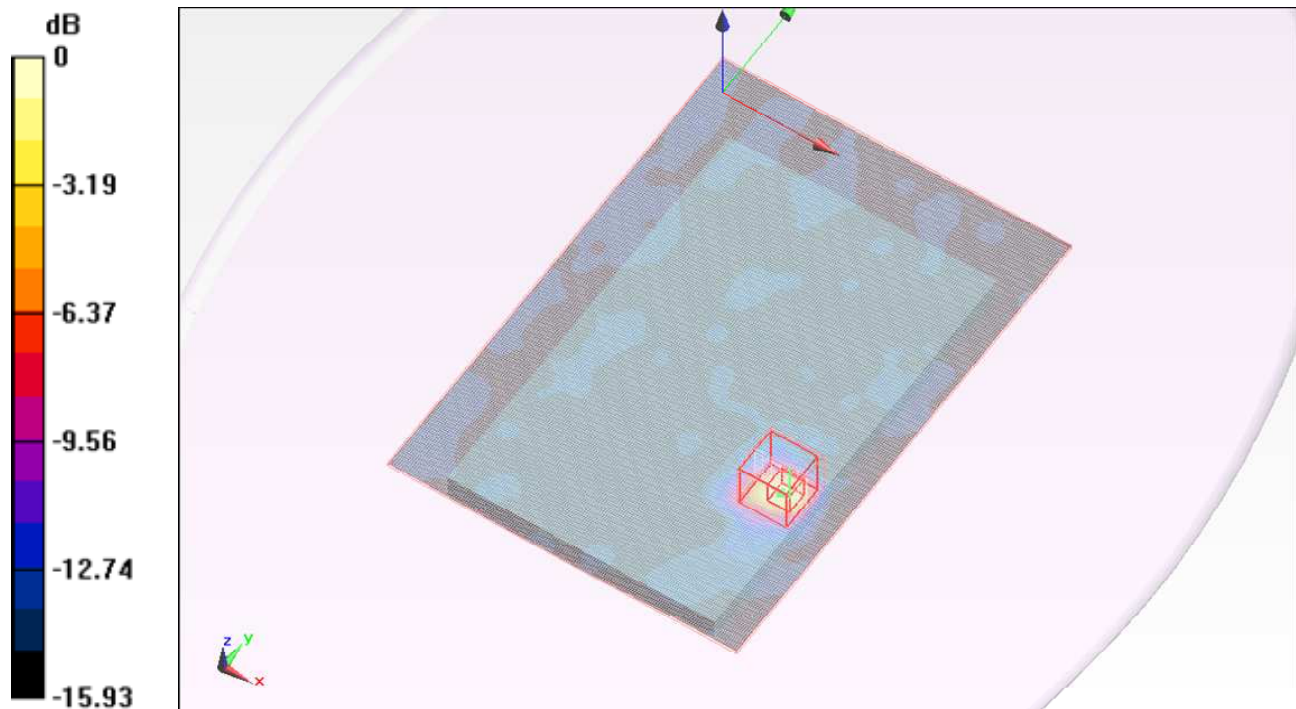
$dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 11.855 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.206 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 1.069 mW/g



0 dB = 1.070mW/g

Test Laboratory: UL CCS SAR Lab A

5GHz Bands

Communication System: WLAN 5GHz; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755$ MHz; $\sigma = 6.082$ mho/m; $\epsilon_r = 50.641$; $\rho = 1000$ 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 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Secondary Portrait/5.8 GHz/802.11n HT40/Ch 151/Area Scan (101x201x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.368 mW/g

Secondary Portrait/5.8 GHz/802.11n HT40/Ch 151/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 8.142 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.455 W/kg

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.488 mW/g

