

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.958$ mho/m; $\epsilon_r = 50.926$; $\rho = 1000$ 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 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11b/Ch 6/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

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

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

802.11b/Ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

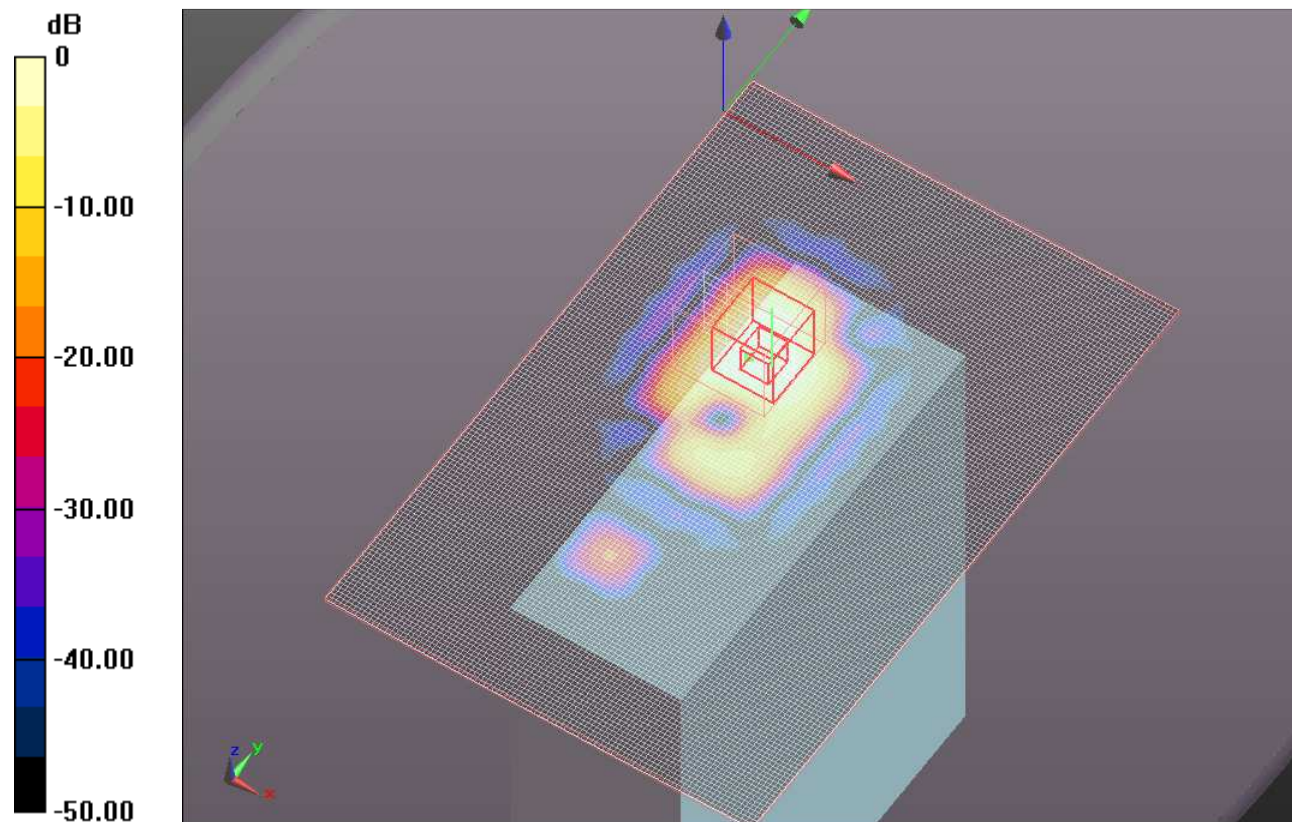
Reference Value = 4.456 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.015 mW/g

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

Maximum value of SAR (measured) = 0.051 mW/g



0 dB = 0.050mW/g

Test Laboratory: UL CCS SAR Lab B

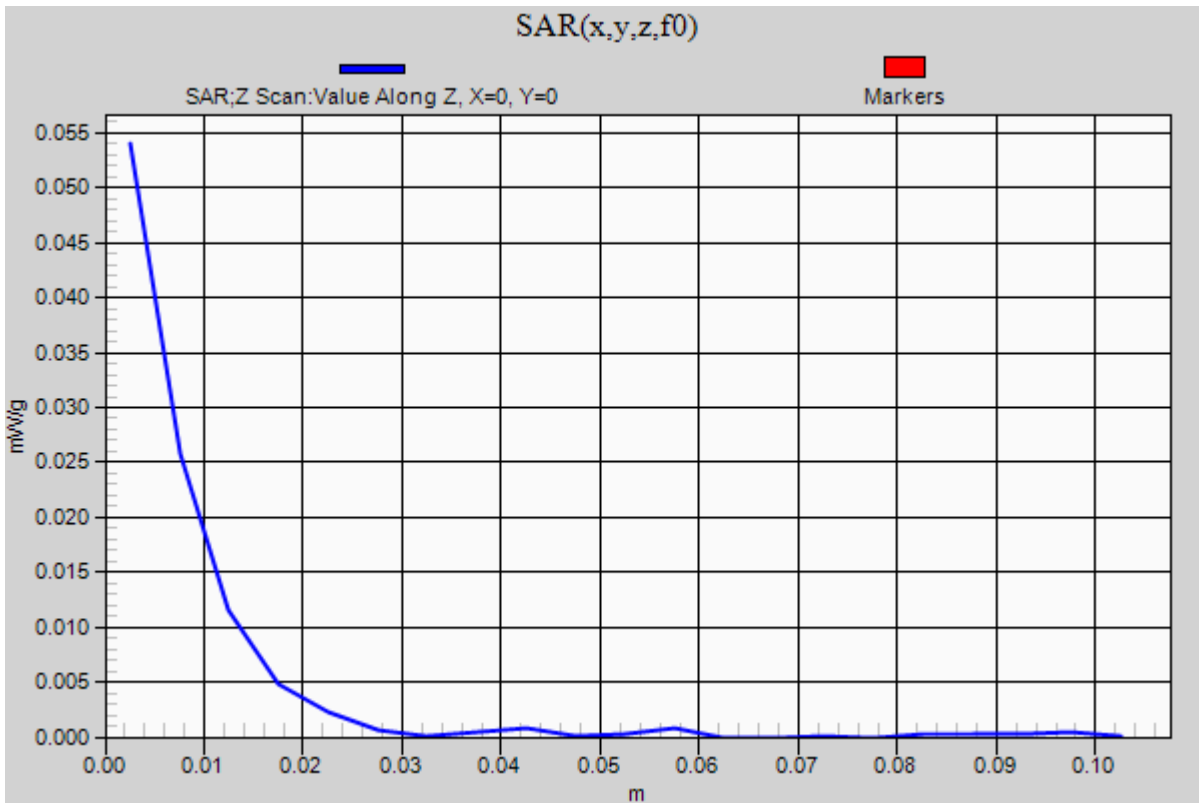
Primary Portrait

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz;Duty Cycle: 1:1

802.11b/Ch 6/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.054 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.958$ mho/m; $\epsilon_r = 50.926$; $\rho = 1000$ 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 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11b/Ch 6/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.047 mW/g

802.11b/Ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

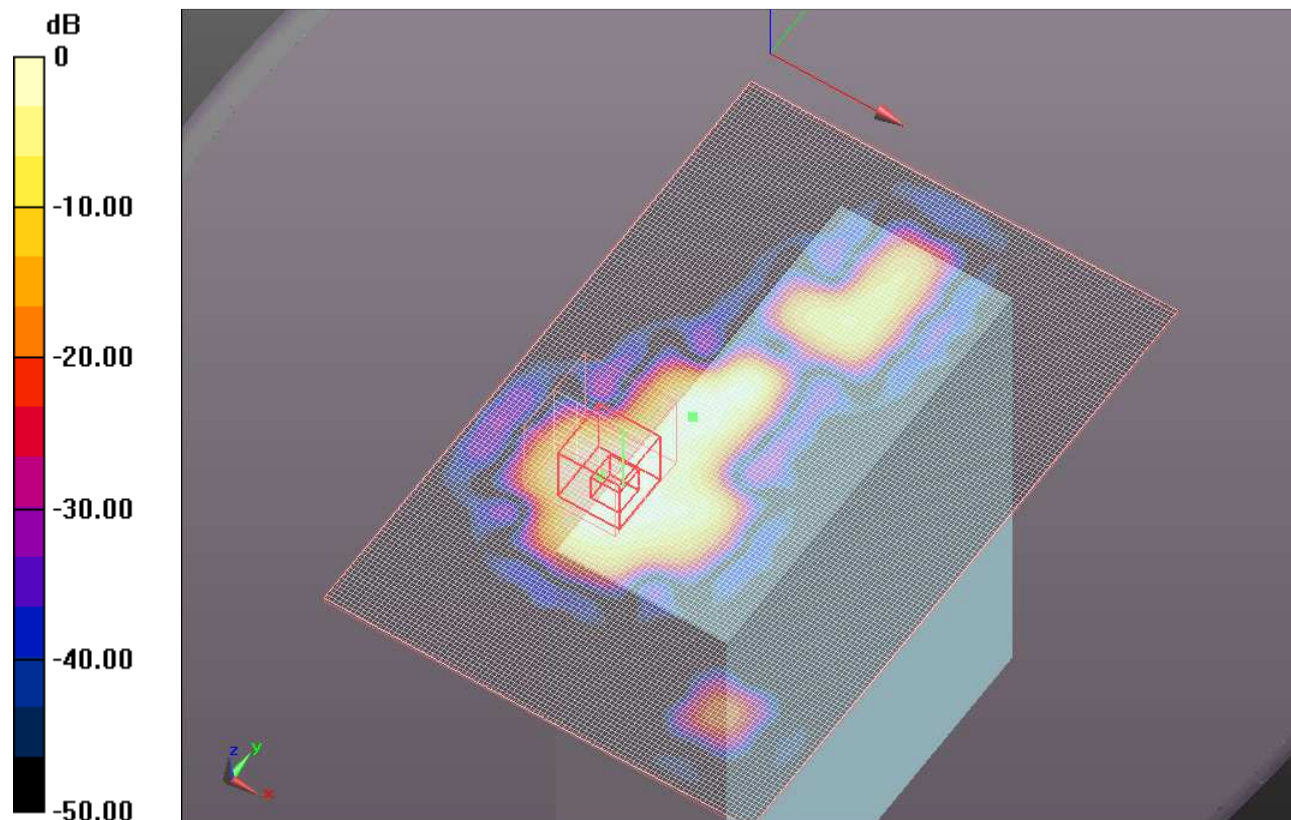
Reference Value = 3.872 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.012 mW/g

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

Maximum value of SAR (measured) = 0.035 mW/g



0 dB = 0.030mW/g

Test Laboratory: UL CCS SAR Lab B

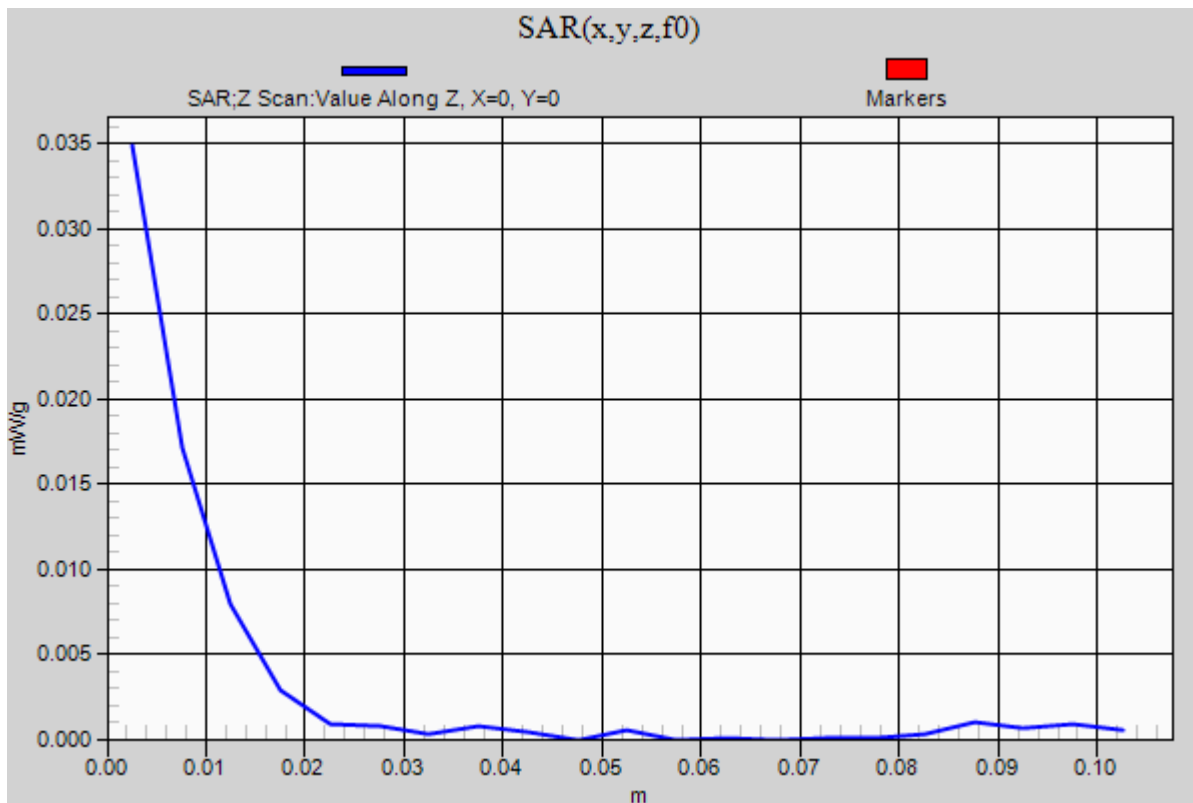
Secondary Portrait

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz;Duty Cycle: 1:1

802.11b/Ch 6/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.035 mW/g



Test Laboratory: UL CCS SAR Lab B

Base

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.958$ mho/m; $\epsilon_r = 50.926$; $\rho = 1000$ 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 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11b/Ant A/Ch 6/Area Scan (111x191x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.018 mW/g

802.11b/Ant A/Ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

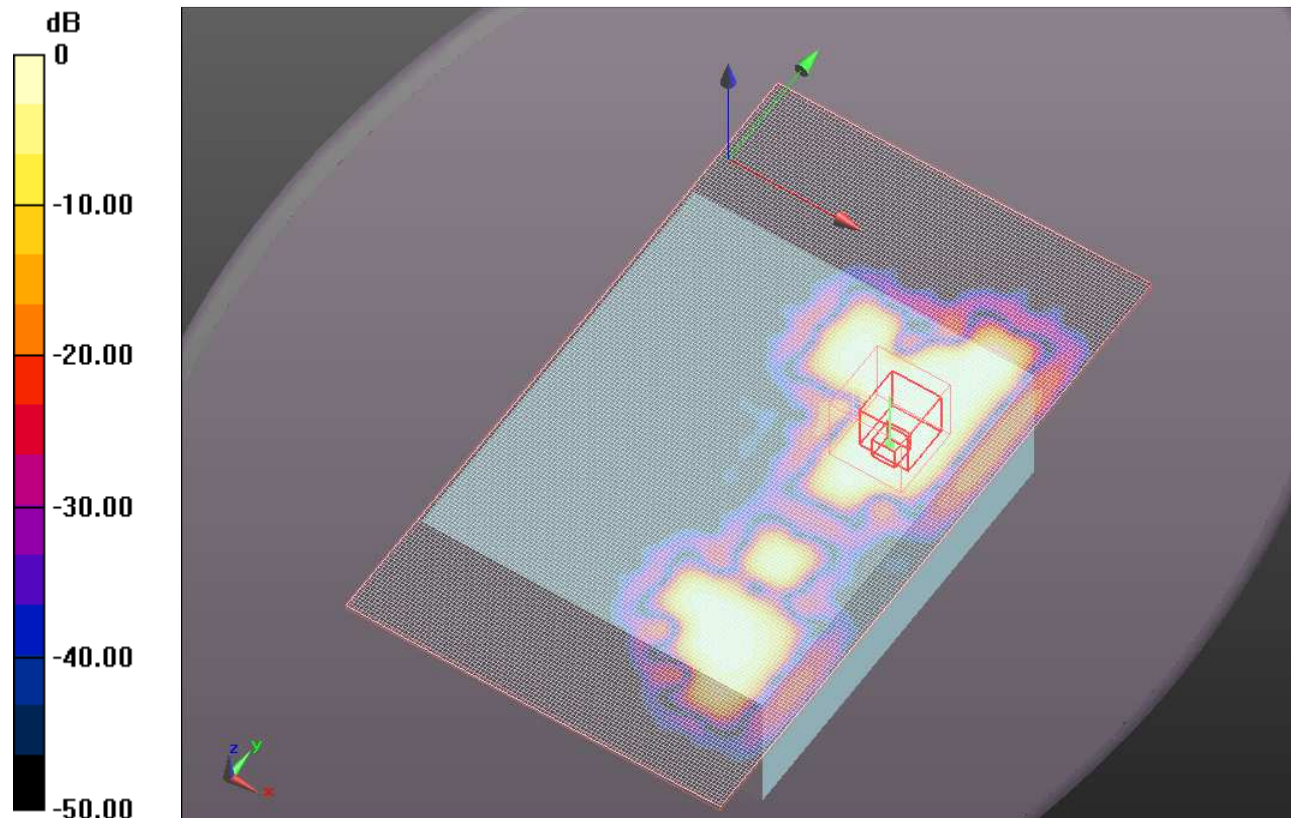
Reference Value = 2.727 V/m; Power Drift = 0.39 dB

Peak SAR (extrapolated) = 0.027 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00429 mW/g

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

Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.010mW/g

Test Laboratory: UL CCS SAR Lab B

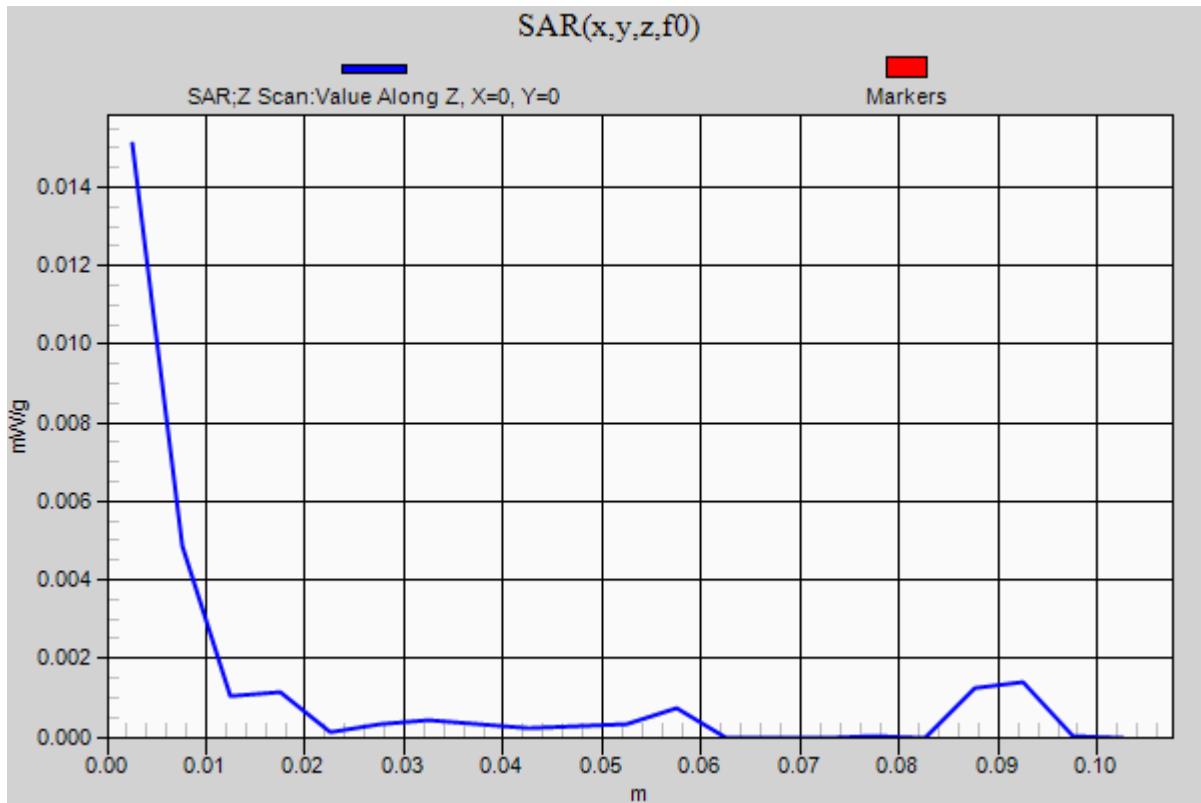
Base

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz;Duty Cycle: 1:1

802.11b/Ant A/Ch 6/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.015 mW/g



Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5230 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.075$ mho/m; $\epsilon_r = 49.36$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

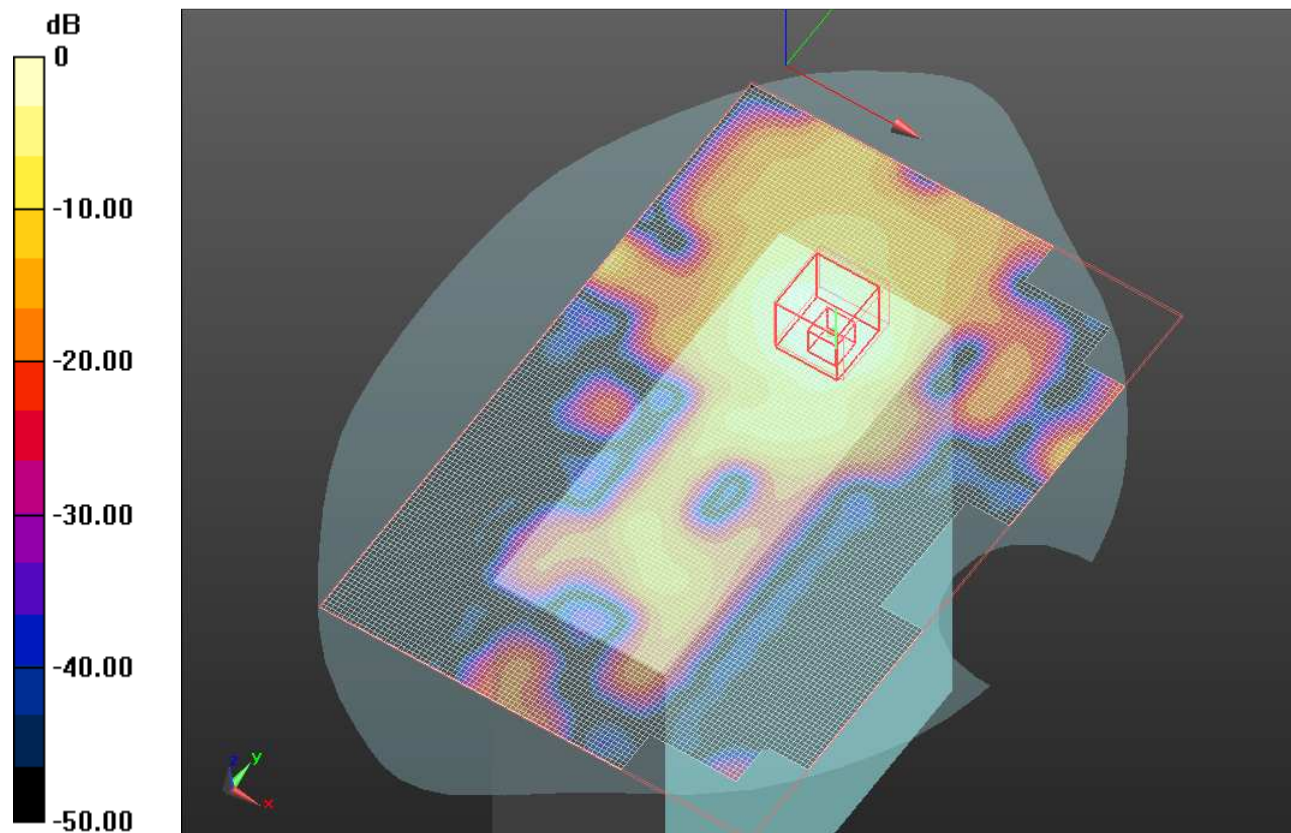
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11n HT40/Ch 46/Area Scan 2 (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.481 mW/g

802.11n HT40/Ch 46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 9.193 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.096 mW/g
 Maximum value of SAR (measured) = 0.456 mW/g



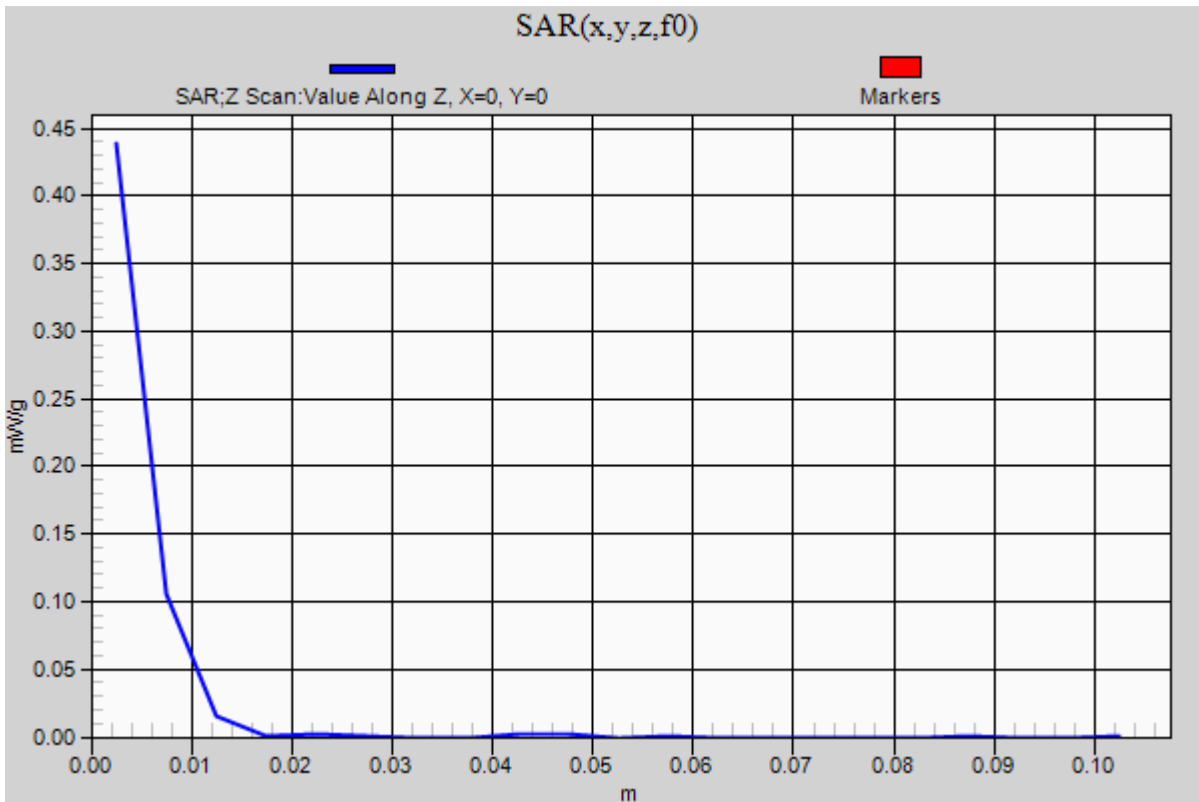
0 dB = 0.460mW/g

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5230 MHz;Duty Cycle: 1:1

802.11n HT40/Ch 46/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.439 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5230 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.075$ mho/m; $\epsilon_r = 49.36$; $\rho = 1000$ 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11nHT40/Ch 46/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.677 mW/g

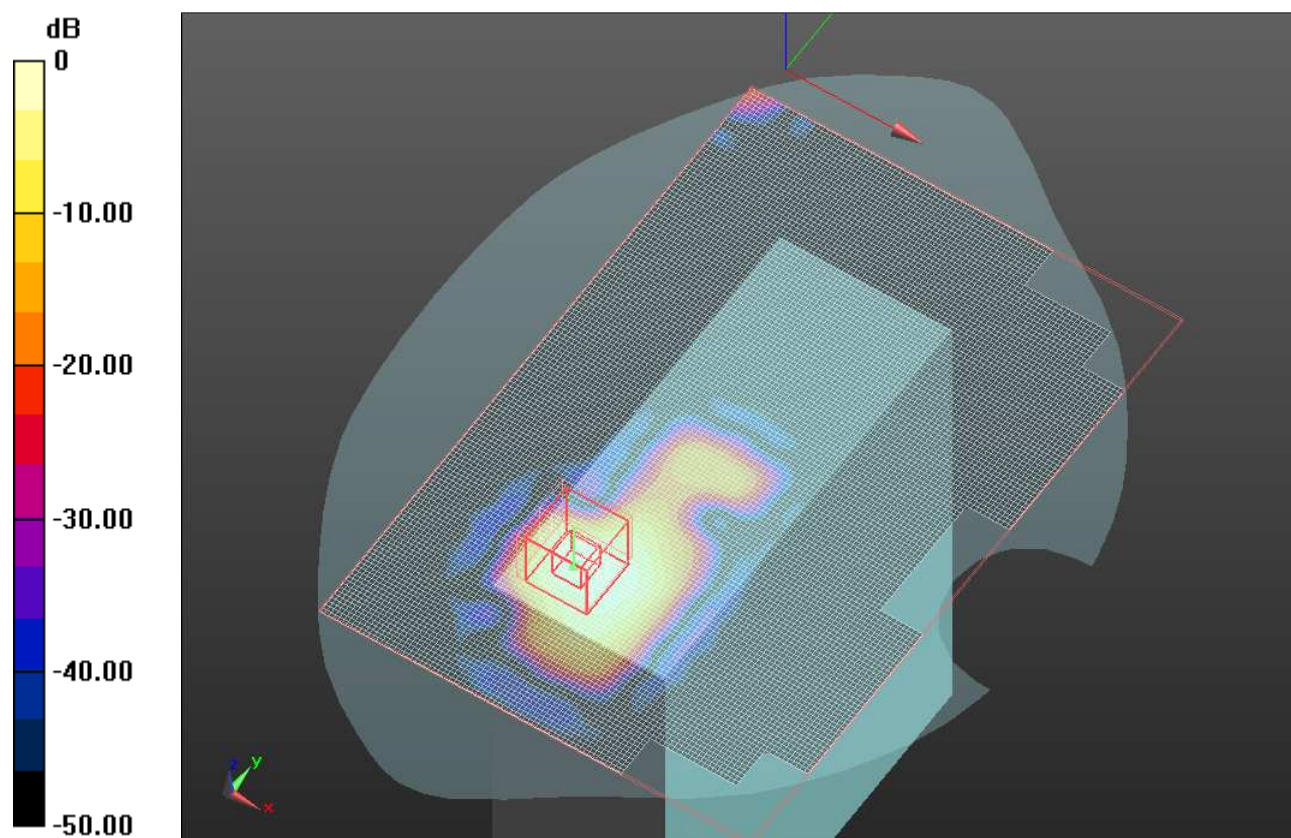
802.11nHT40/Ch 46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.812 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.059 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.548 mW/g



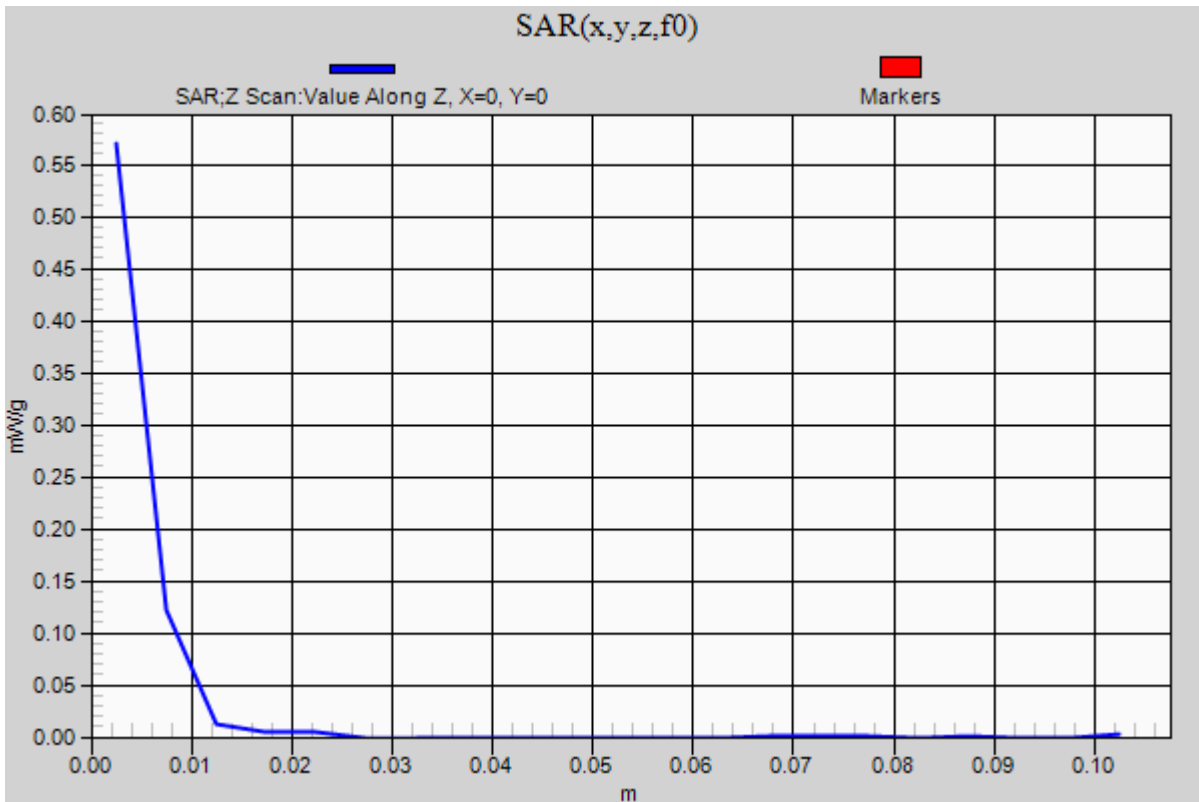
0 dB = 0.550mW/g

Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5230 MHz;Duty Cycle: 1:1

802.11nHT40/Ch 46/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 B

Base

Communication System: WLAN_5GHz; Frequency: 5230 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.075$ mho/m; $\epsilon_r = 49.36$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

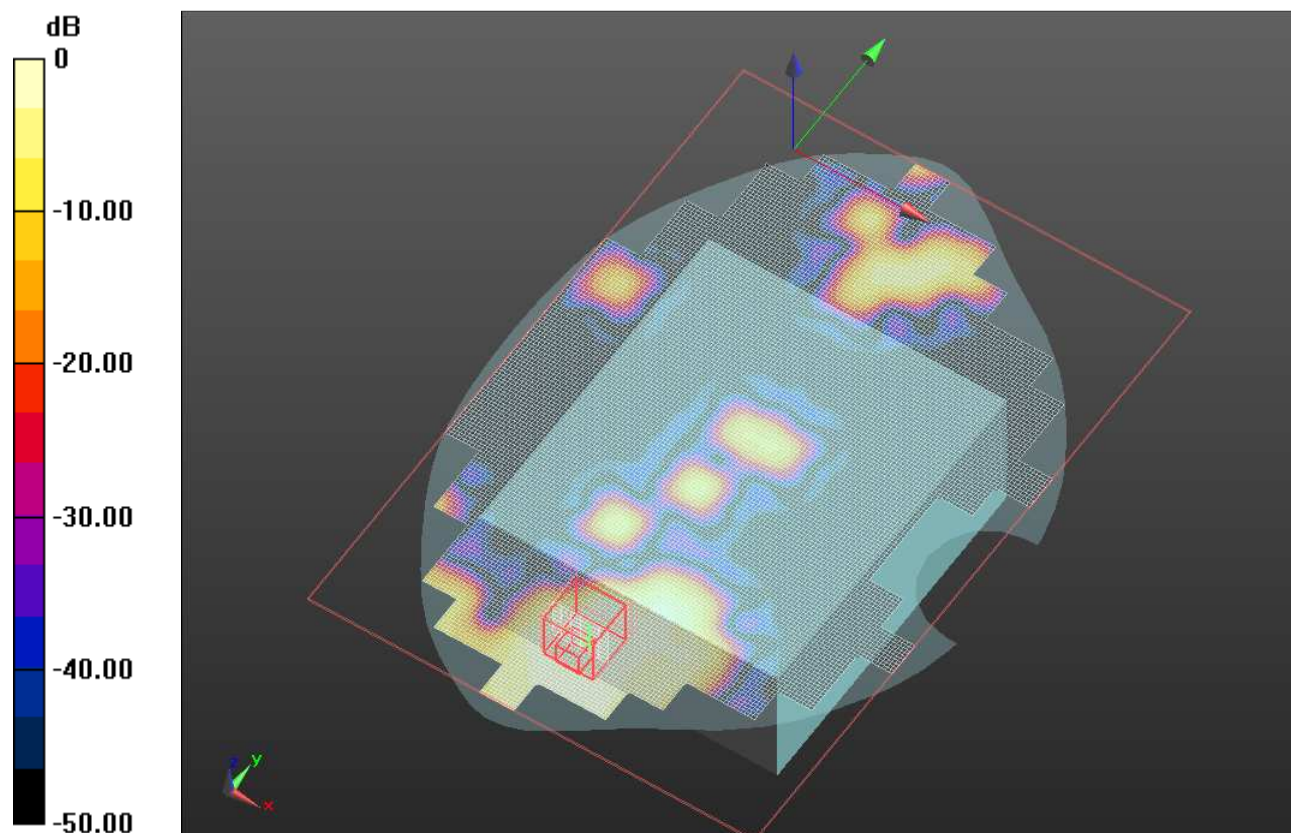
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11nHT40/Ch 46/Area Scan 2 (131x191x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.089 mW/g

802.11nHT40/Ch 46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 1.799 V/m; Power Drift = -0.24 dB
 Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.019 mW/g
 Maximum value of SAR (measured) = 0.077 mW/g



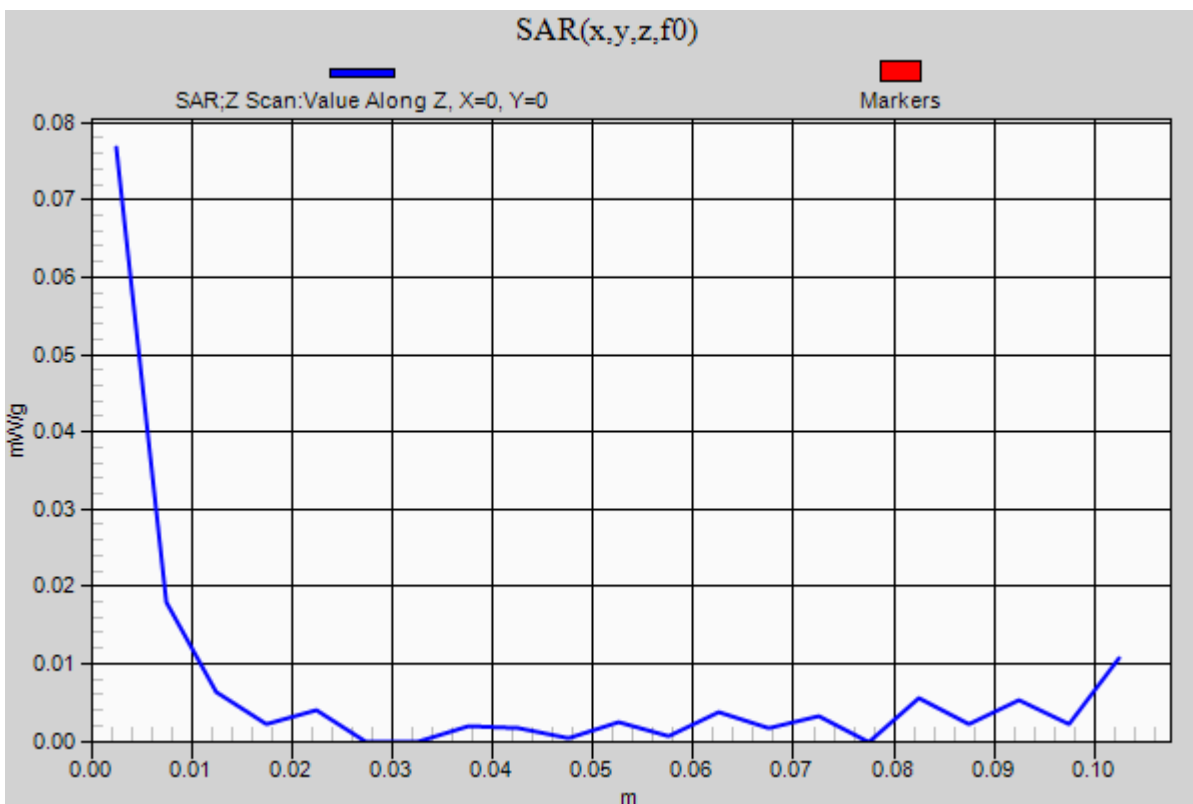
0 dB = 0.080mW/g

Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5230 MHz;Duty Cycle: 1:1

802.11nHT40/Ch 46/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.077 mW/g



Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5270 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.204$ mho/m; $\epsilon_r = 51.307$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

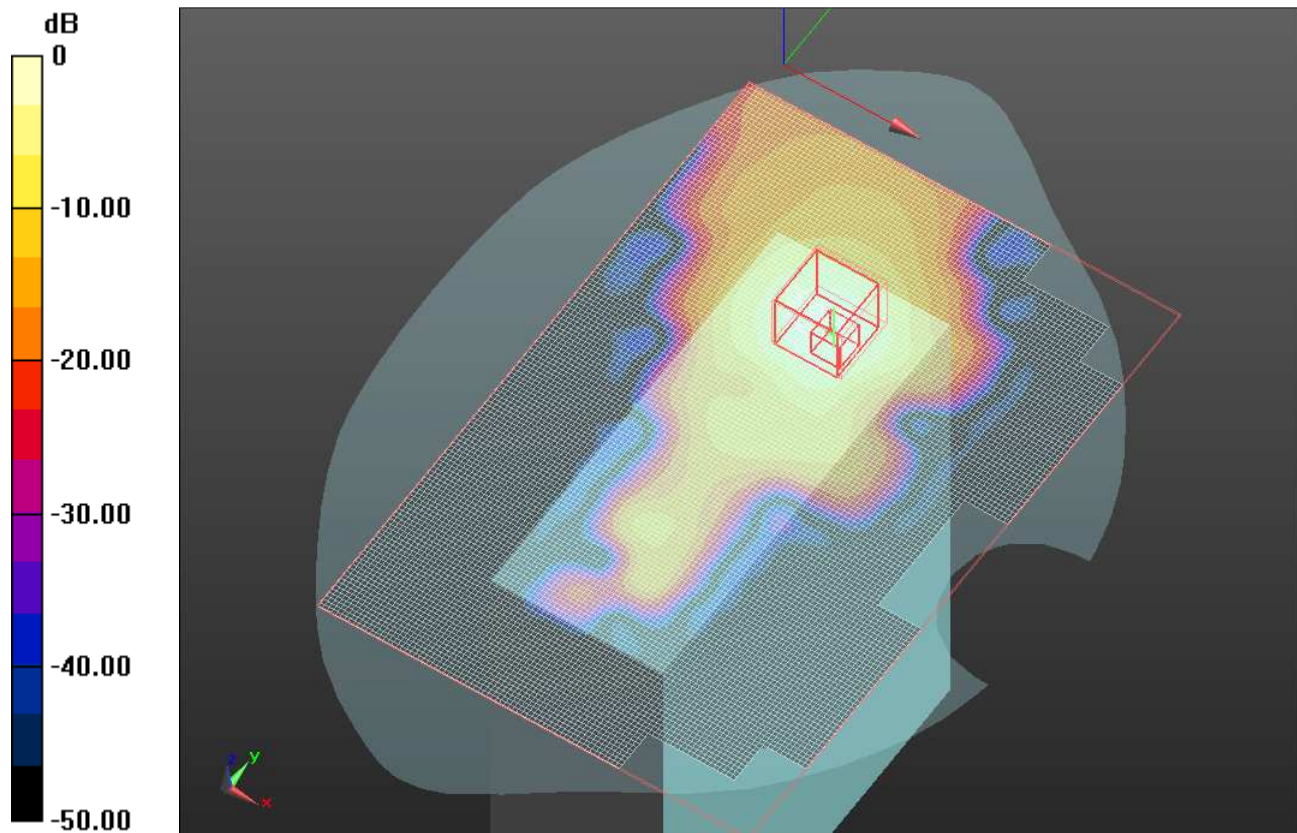
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11n HT40/Ch 54/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.576 mW/g

802.11n HT40/Ch 54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 15.355 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 2.709 W/kg
SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.317 mW/g
 Maximum value of SAR (measured) = 1.482 mW/g



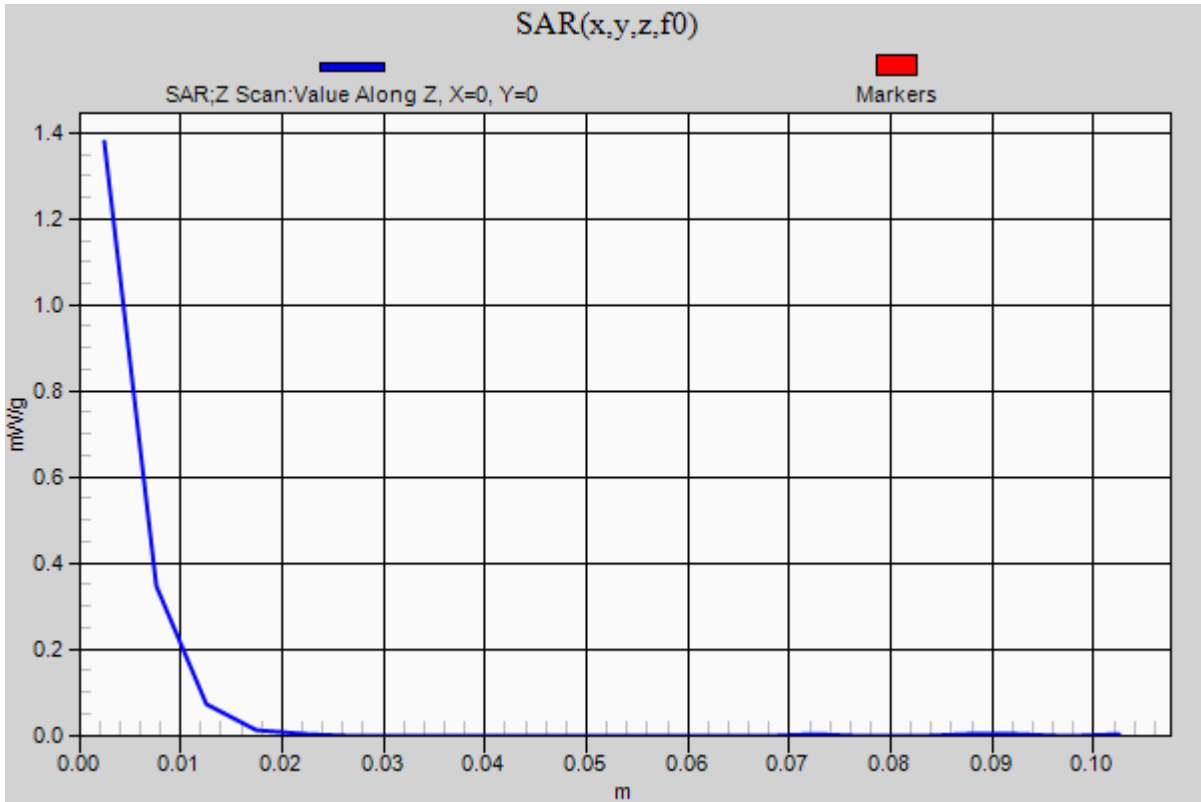
0 dB = 1.480mW/g

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5270 MHz;Duty Cycle: 1:1

802.11n HT40/Ch 54/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.379 mW/g



Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.25$ mho/m; $\epsilon_r = 51.145$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

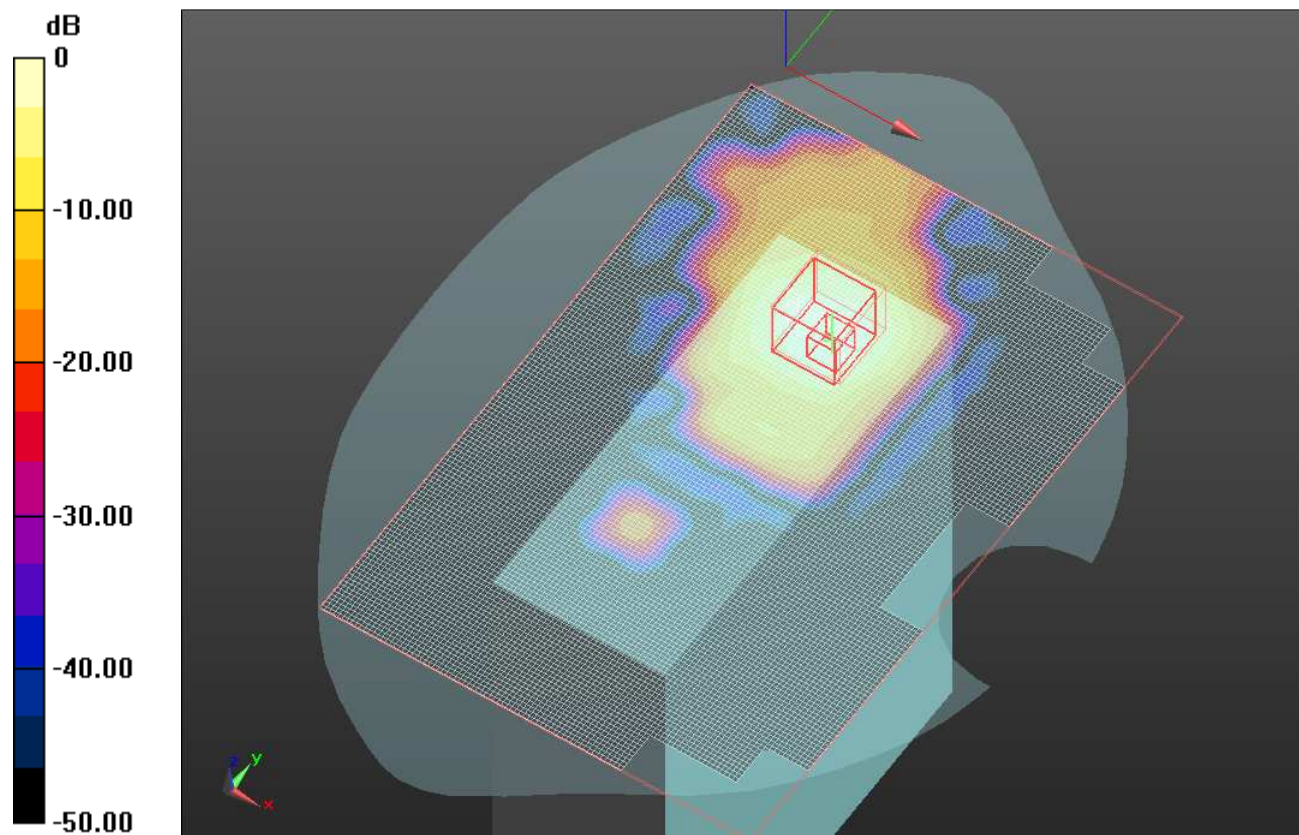
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11n HT40/Ch 62/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.684 mW/g

802.11n HT40/Ch 62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 10.390 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.246 W/kg
SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.141 mW/g
 Maximum value of SAR (measured) = 0.681 mW/g



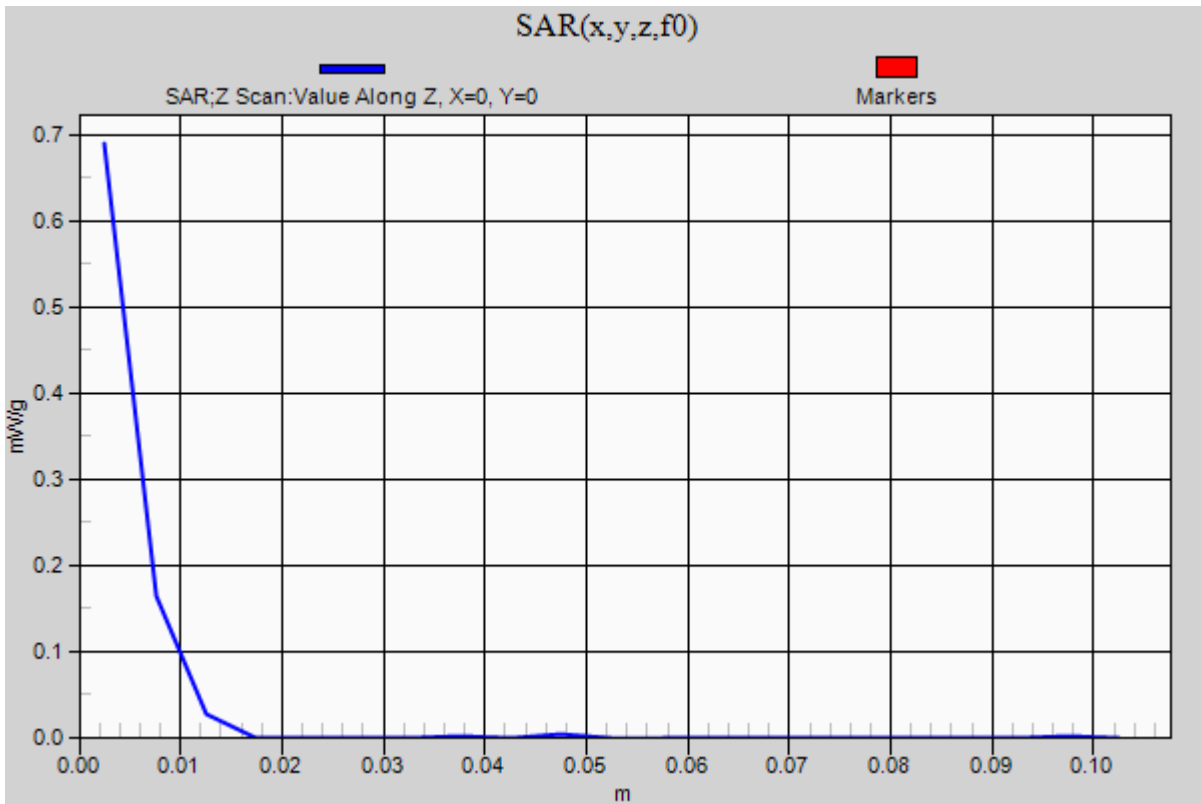
0 dB = 0.680mW/g

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5310 MHz;Duty Cycle: 1:1

802.11n HT40/Ch 62/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.689 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5270 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.204$ mho/m; $\epsilon_r = 51.307$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

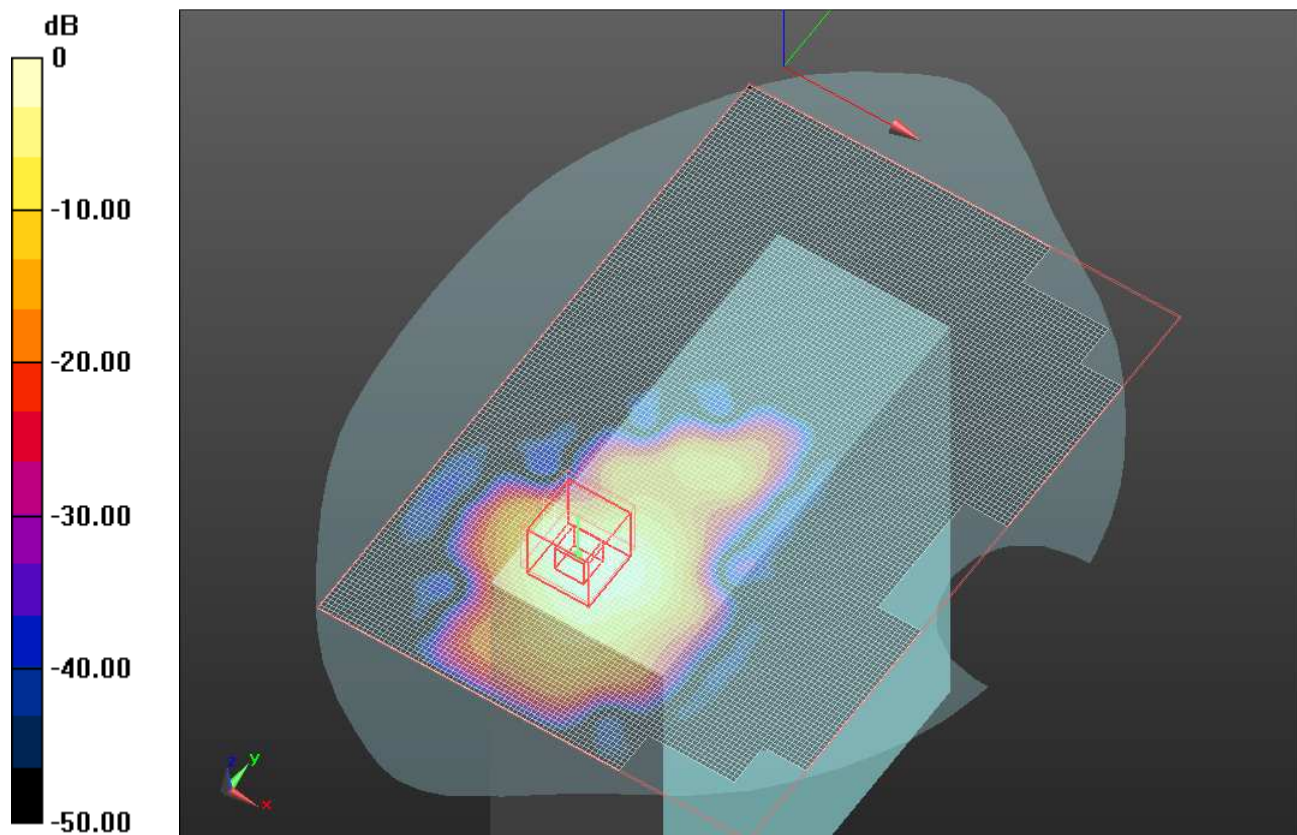
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11n HT40/Ch 54/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.432 mW/g

802.11n HT40/Ch 54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 15.791 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 2.844 W/kg
SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.285 mW/g
 Maximum value of SAR (measured) = 1.480 mW/g



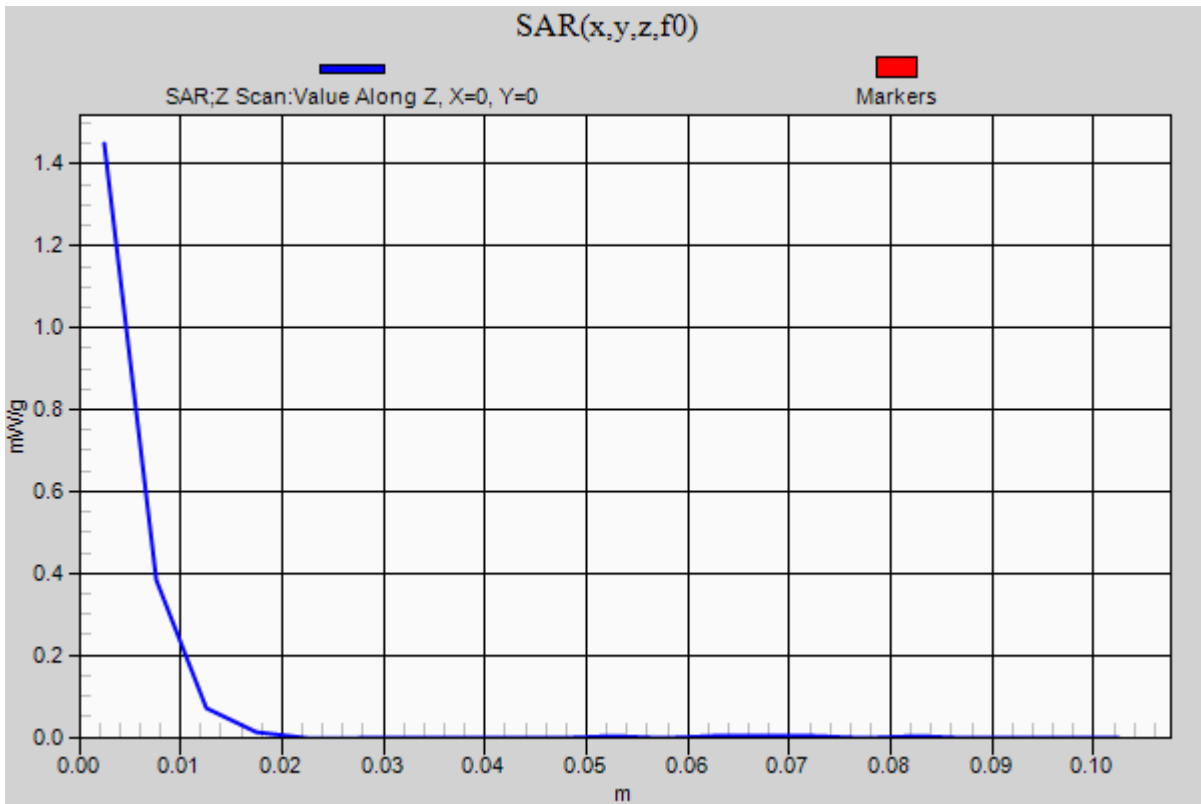
0 dB = 1.480mW/g

Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5270 MHz; Duty Cycle: 1:1

802.11n HT40/Ch 54/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.450 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.25$ mho/m; $\epsilon_r = 51.145$; $\rho = 1000$ 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11n HT40/Ch 62/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.914 mW/g

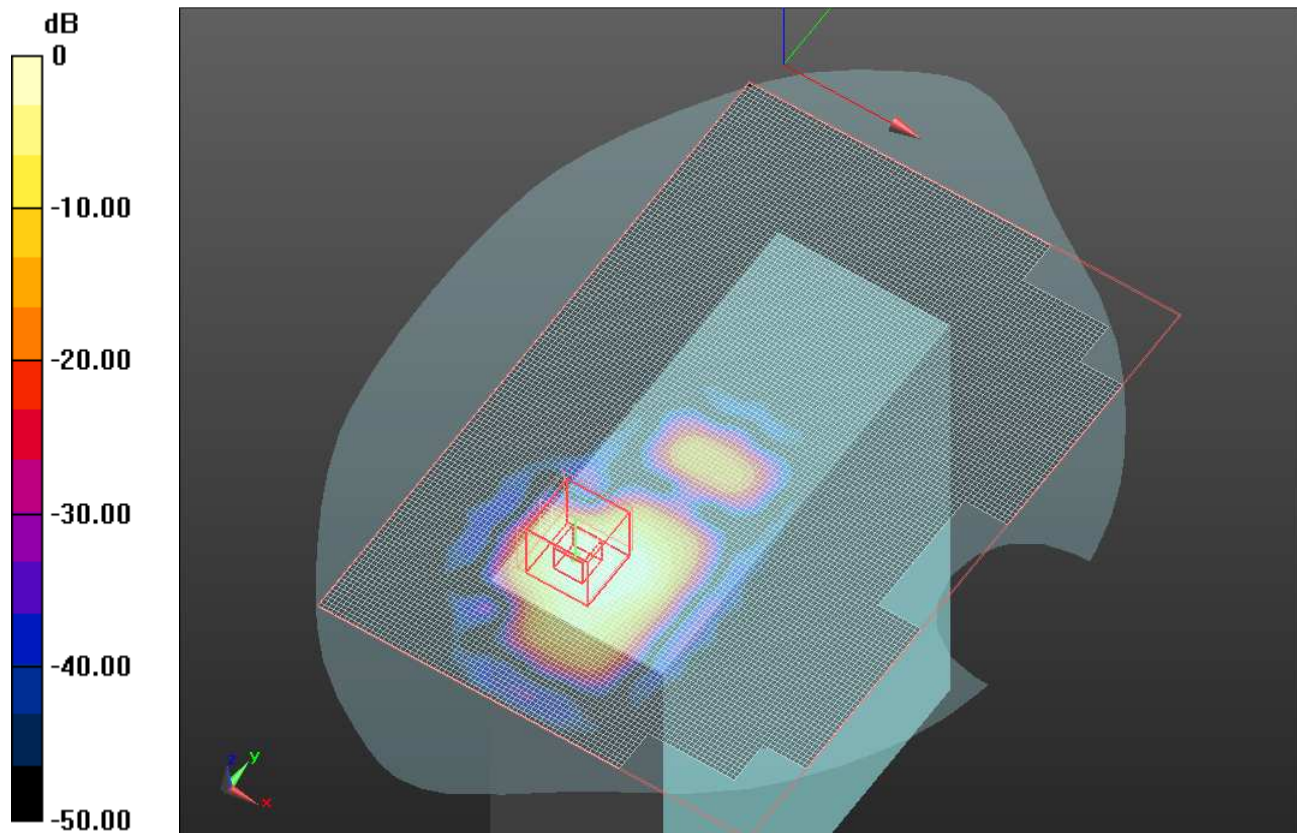
802.11n HT40/Ch 62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.697 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.214 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.666 mW/g



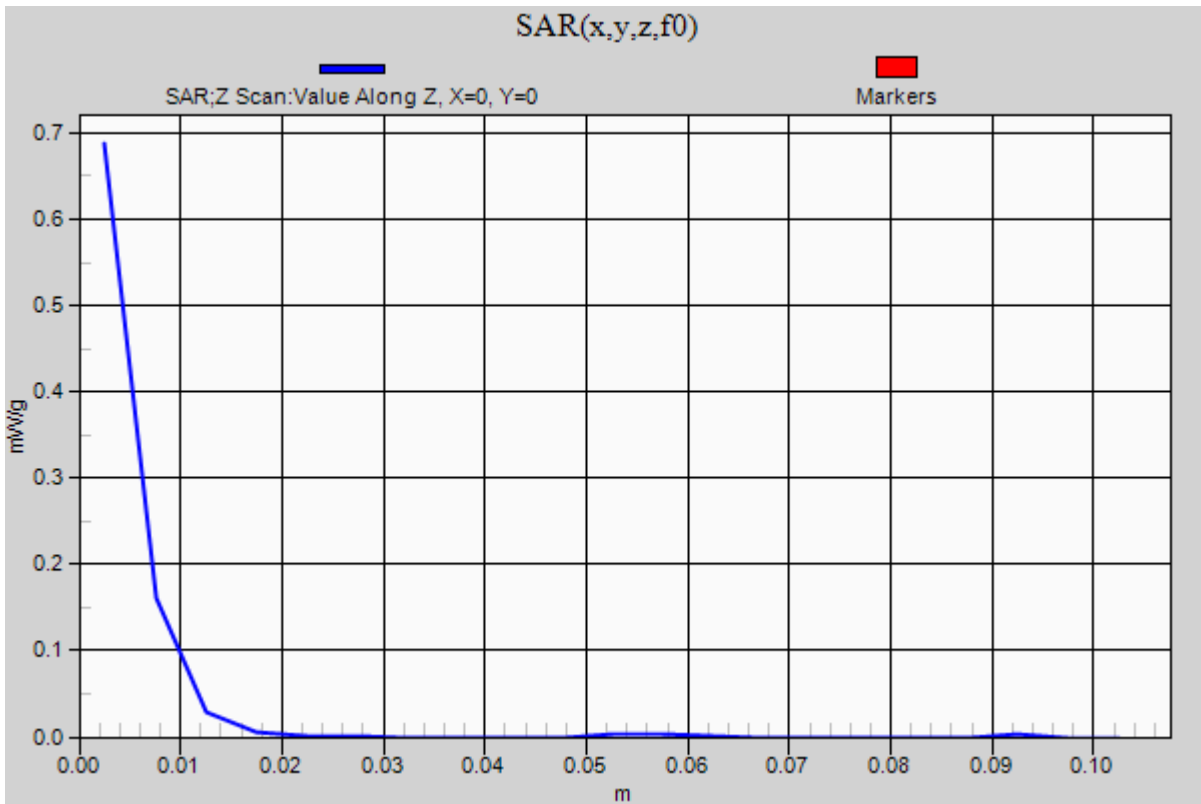
0 dB = 0.670mW/g

Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5310 MHz;Duty Cycle: 1:1

802.11n HT40/Ch 62/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.688 mW/g



Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5270 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.185$ mho/m; $\epsilon_r = 49.324$; $\rho = 1000$ 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11nHT40/Ch 54/Area Scan 2 (131x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.111 mW/g

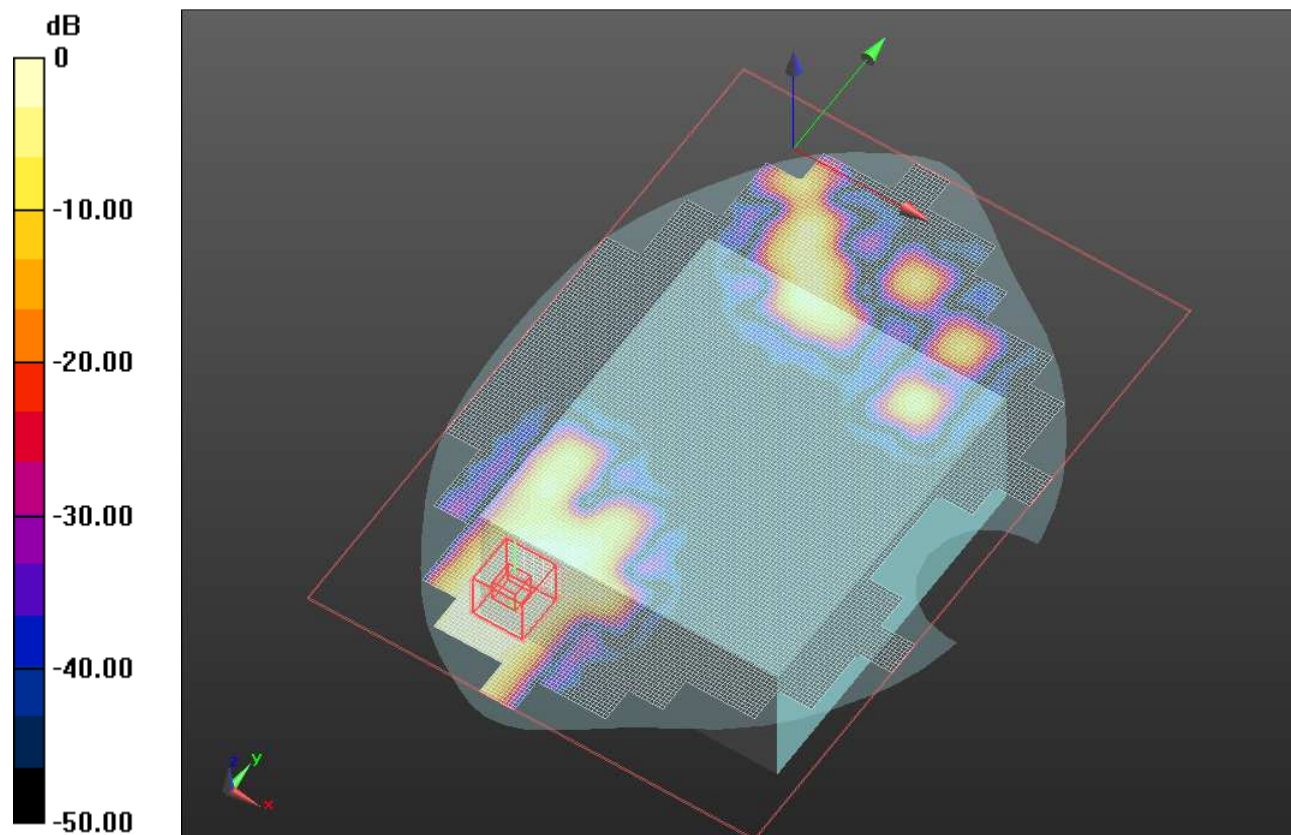
802.11nHT40/Ch 54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.504 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.104 mW/g



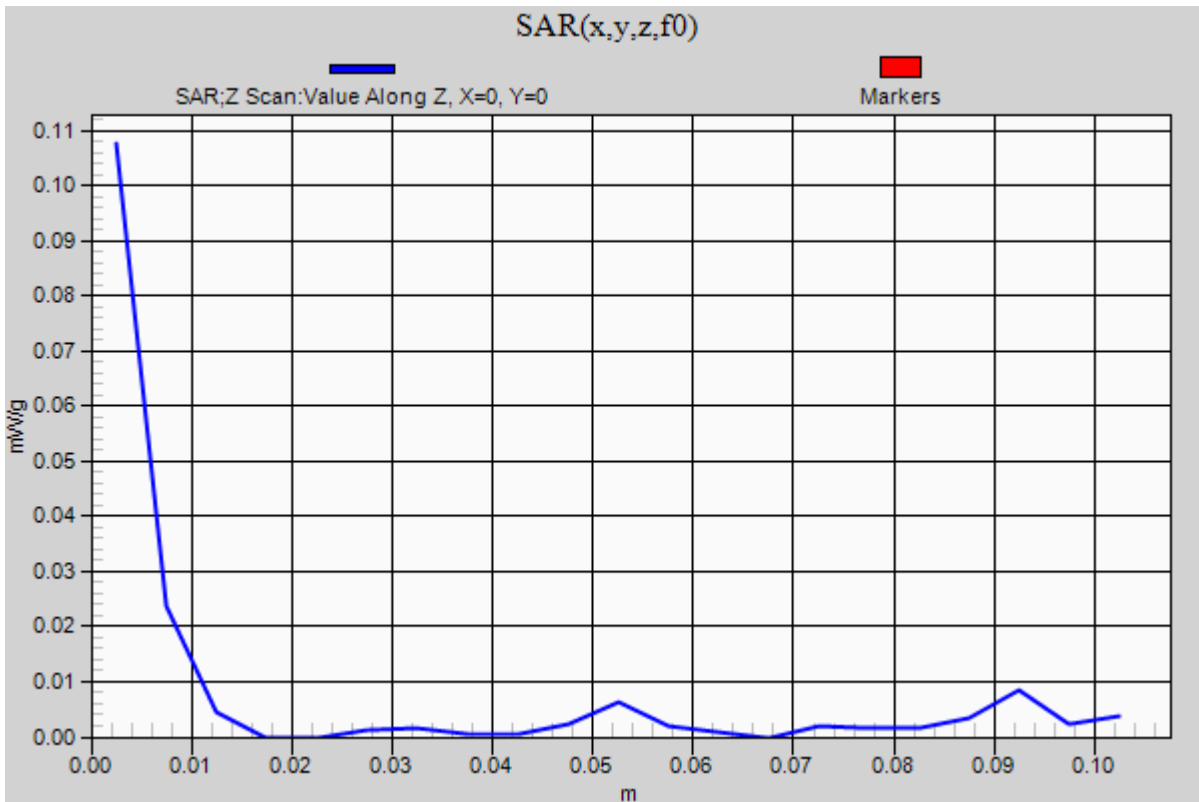
0 dB = 0.100mW/g

Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5270 MHz;Duty Cycle: 1:1

802.11nHT40/Ch 54/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.108 mW/g



Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.712$ mho/m; $\epsilon_r = 50.967$; $\rho = 1000$ 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(3.49, 3.49, 3.49); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 100/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.131 mW/g

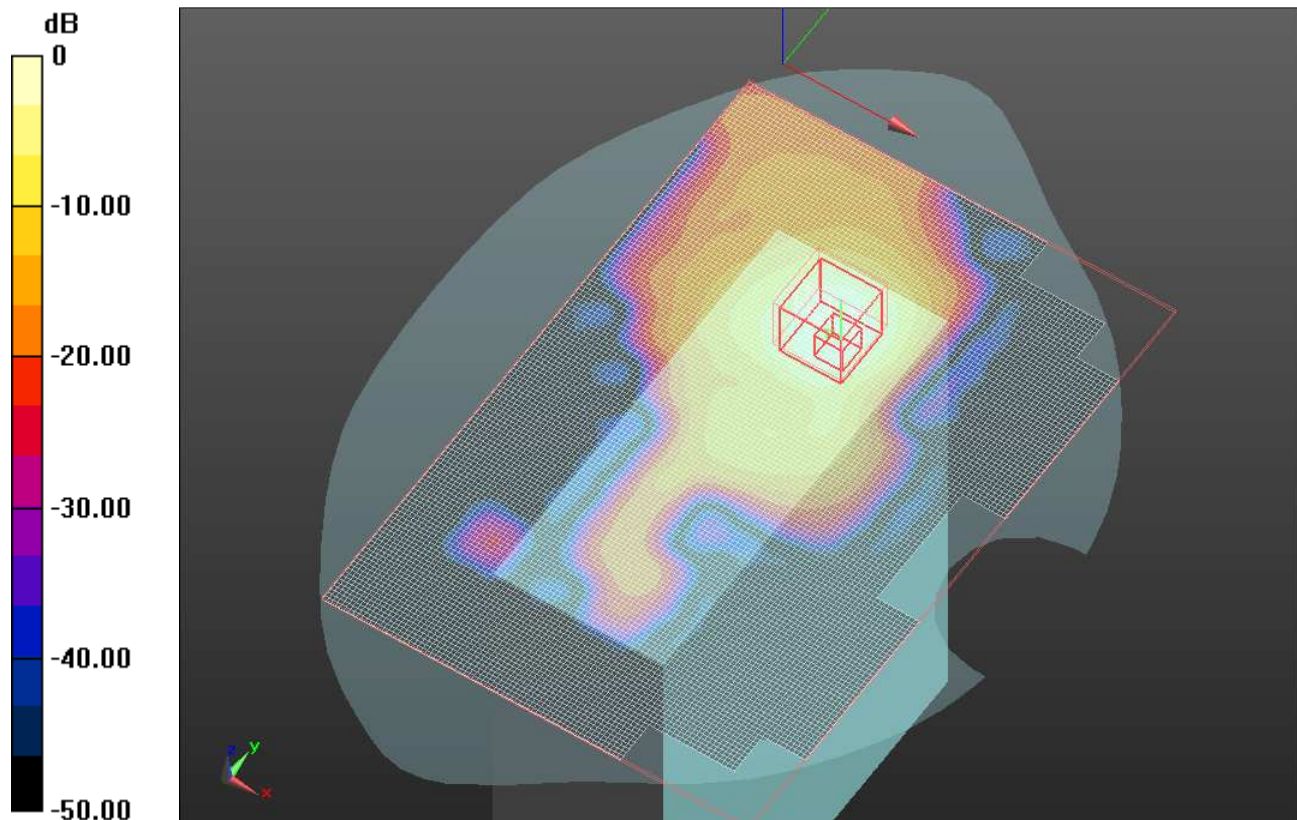
802.11a/Ch 100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 18.936 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 4.224 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 2.131 mW/g



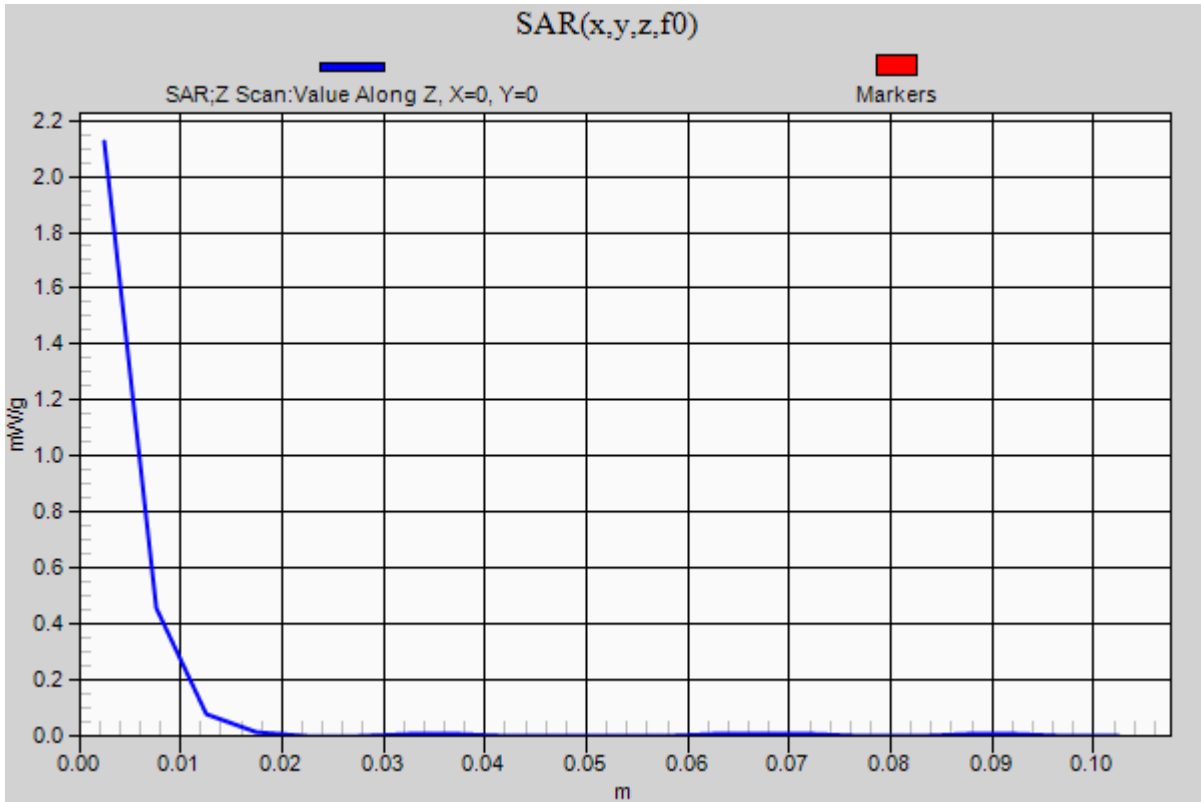
0 dB = 2.130mW/g

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5500 MHz;Duty Cycle: 1:1

802.11a/Ch 100/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.124 mW/g



Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.809$ mho/m; $\epsilon_r = 51.003$; $\rho = 1000$ 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.911 mW/g

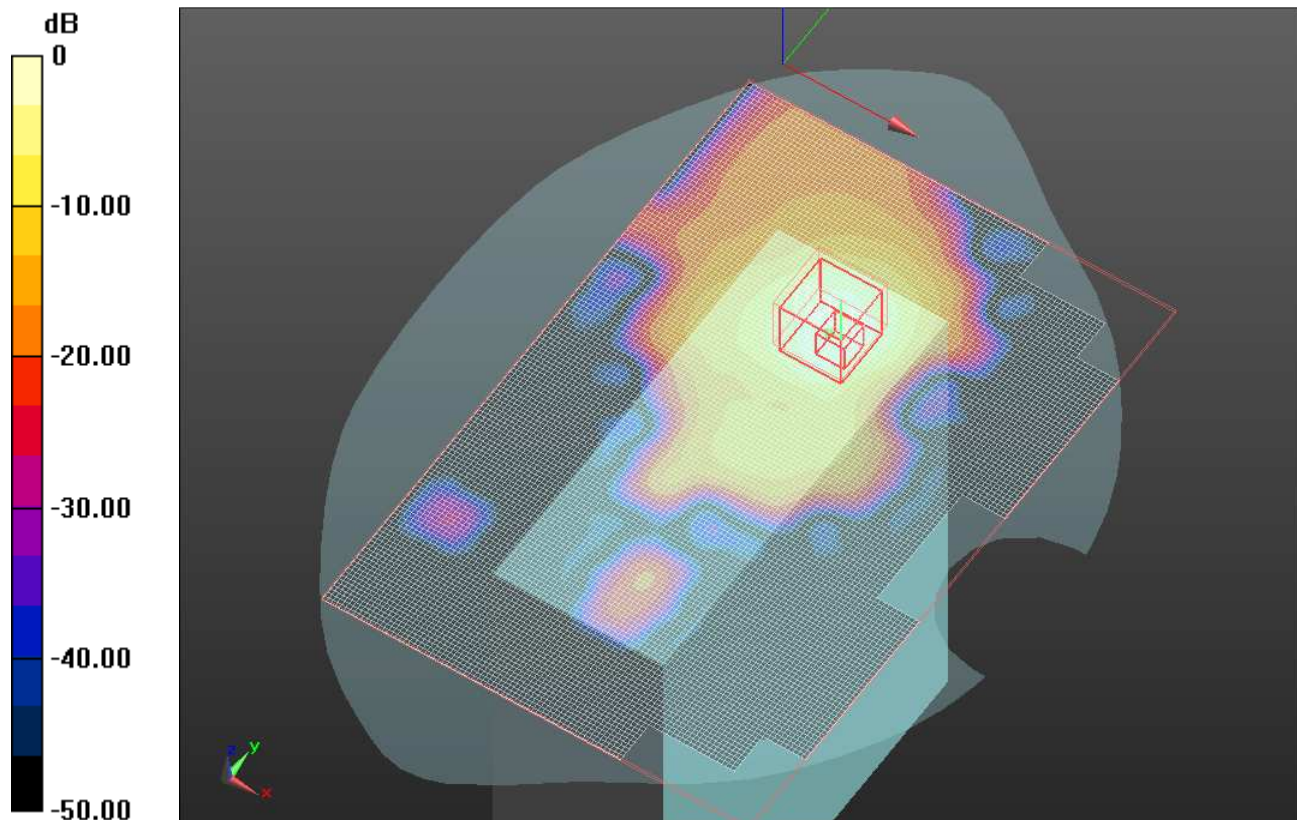
802.11a/Ch 120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 18.374 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.976 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 2.045 mW/g



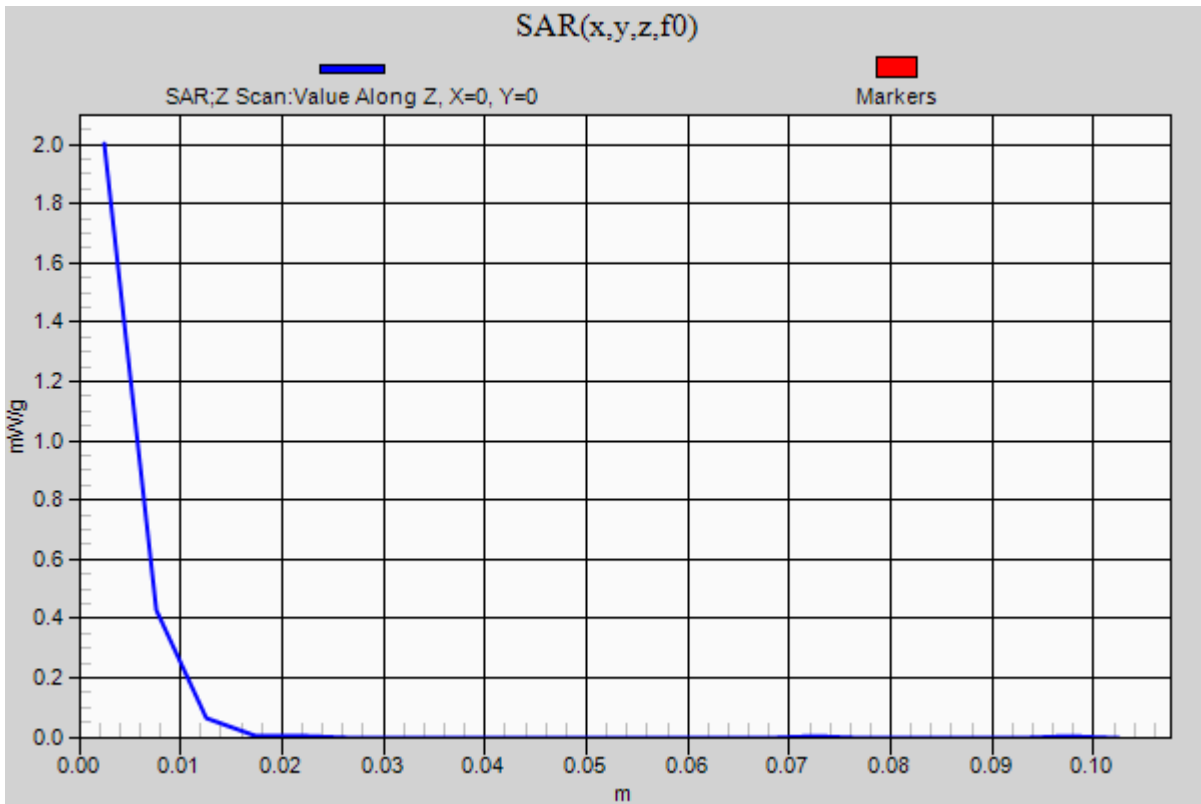
0 dB = 2.050mW/g

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1

802.11a/Ch 120/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.001 mW/g



Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.977$ mho/m; $\epsilon_r = 50.98$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

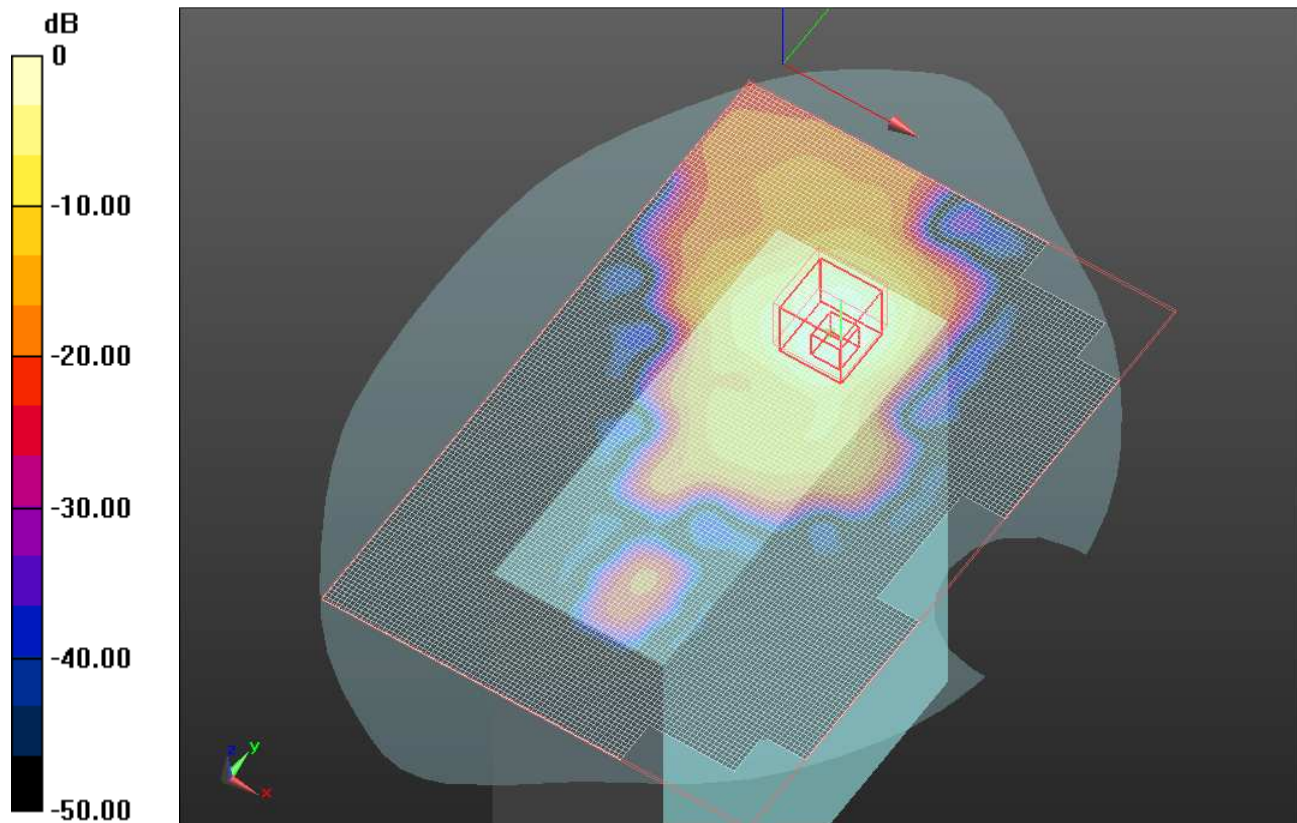
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 140/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 2.000 mW/g

802.11a/Ch 140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 18.006 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 3.914 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.398 mW/g
 Maximum value of SAR (measured) = 2.067 mW/g



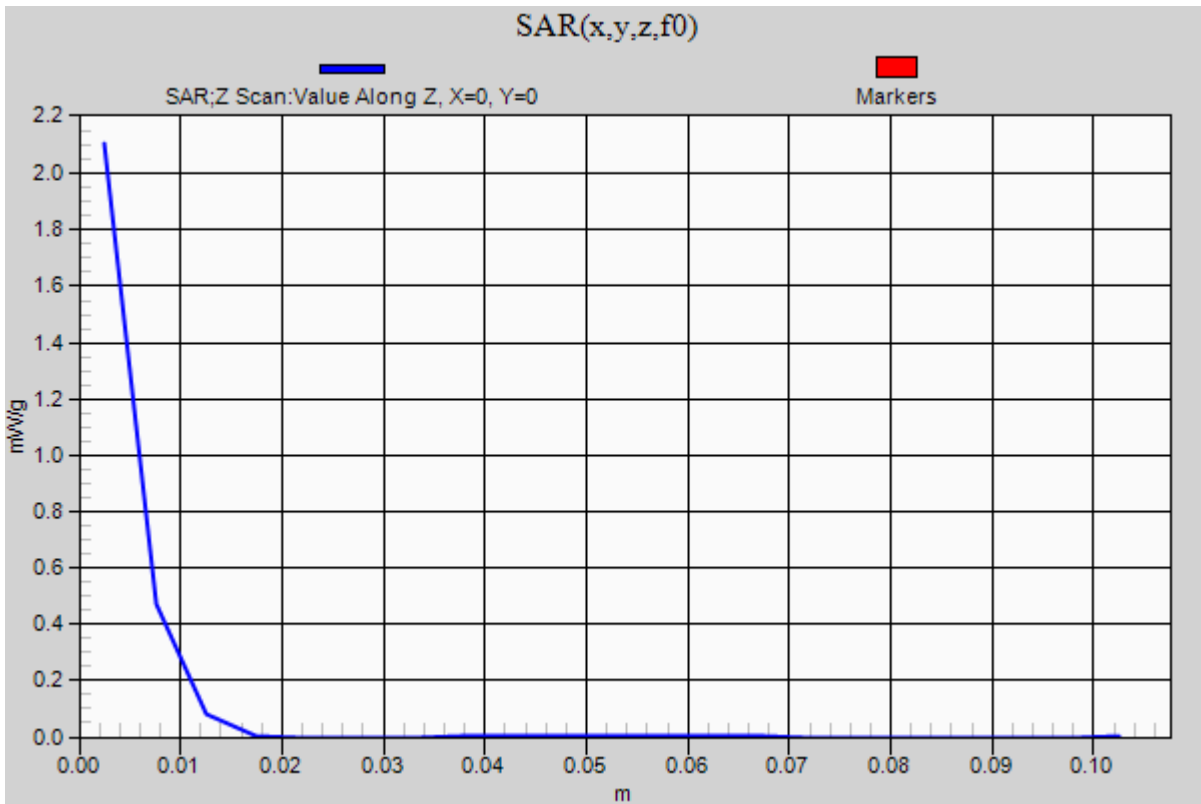
0 dB = 2.070mW/g

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5700 MHz;Duty Cycle: 1:1

802.11a/Ch 140/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.106 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.714$ mho/m; $\epsilon_r = 49.534$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

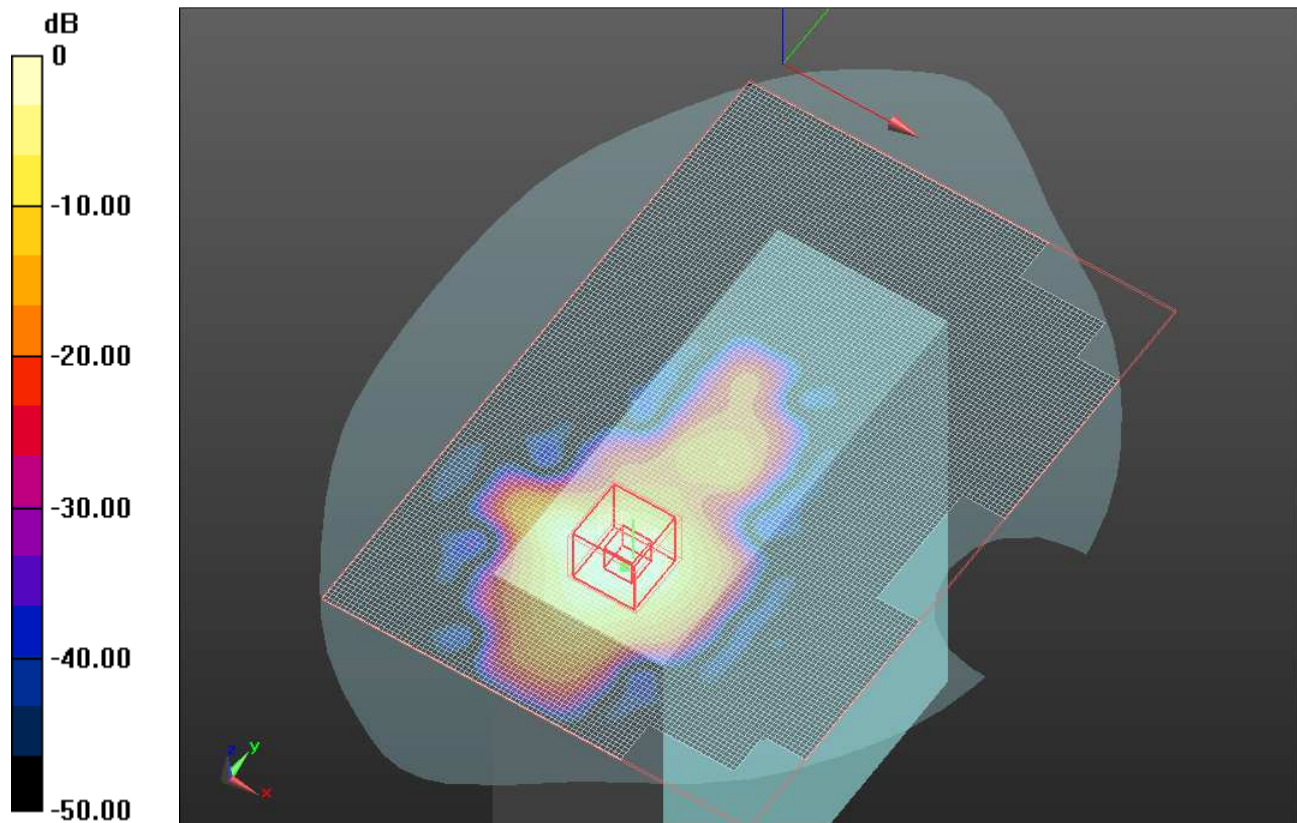
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.49, 3.49, 3.49); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 100/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 2.357 mW/g

802.11a/Ch 100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 19.526 V/m; Power Drift = 0.34 dB
 Peak SAR (extrapolated) = 4.695 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.453 mW/g
 Maximum value of SAR (measured) = 2.494 mW/g



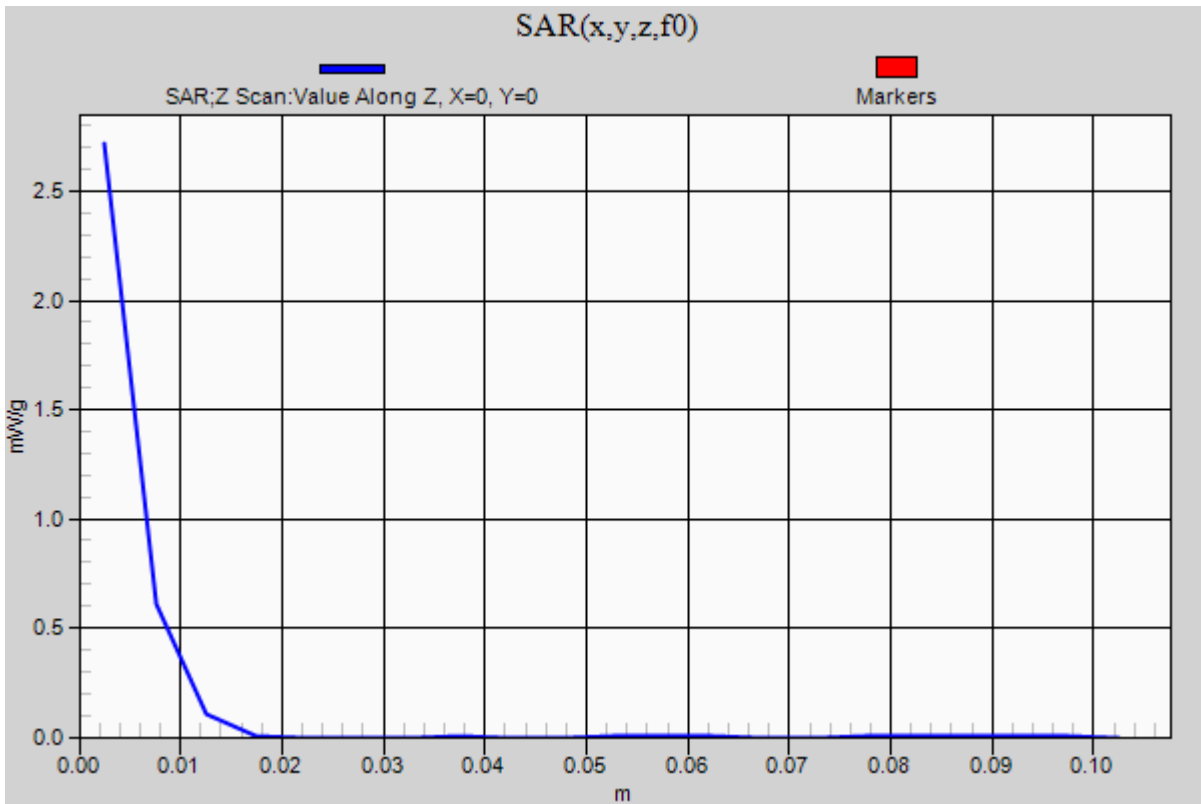
0 dB = 2.490mW/g

Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5500 MHz;Duty Cycle: 1:1

802.11a/Ch 100/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.718 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 49.311$; $\rho = 1000$ 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 2.484 mW/g

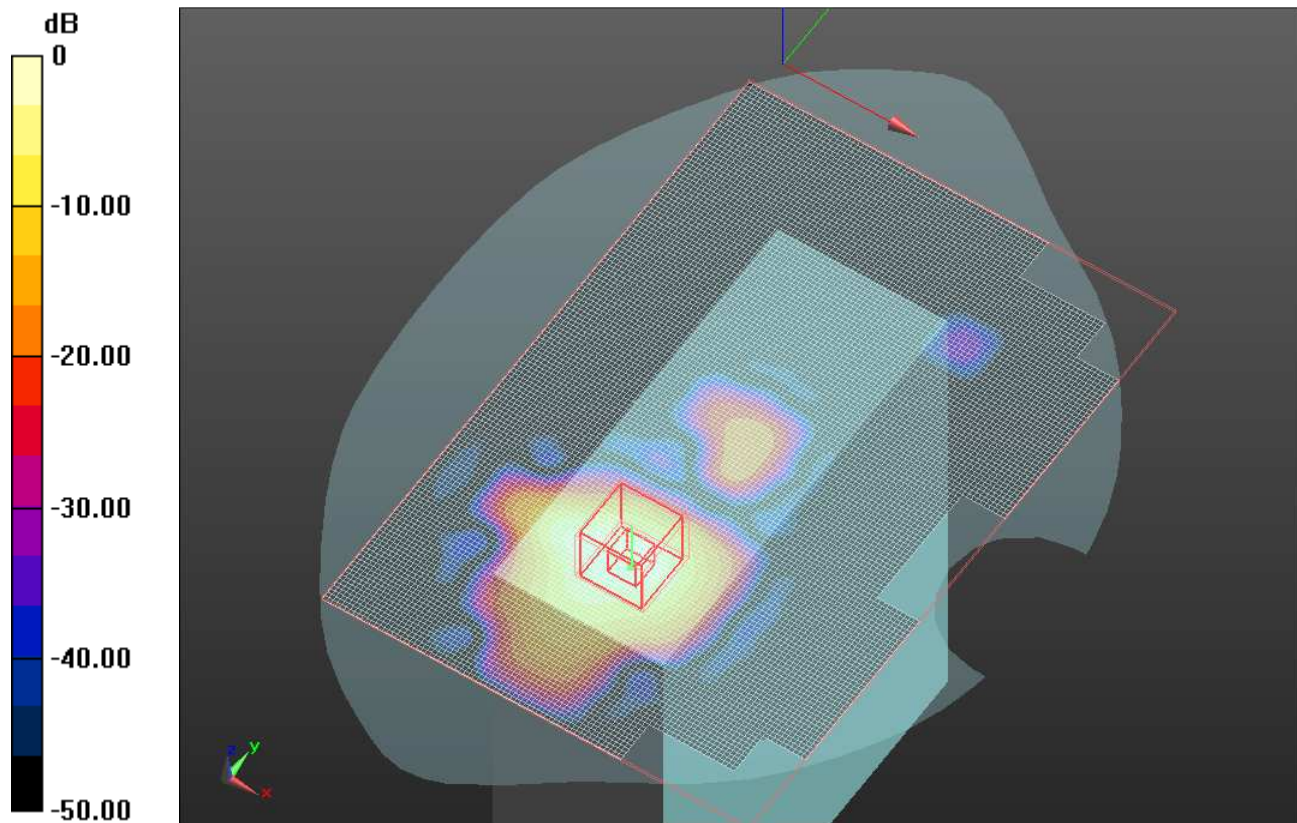
802.11a/Ch 120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 19.044 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 5.120 W/kg

SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 2.697 mW/g



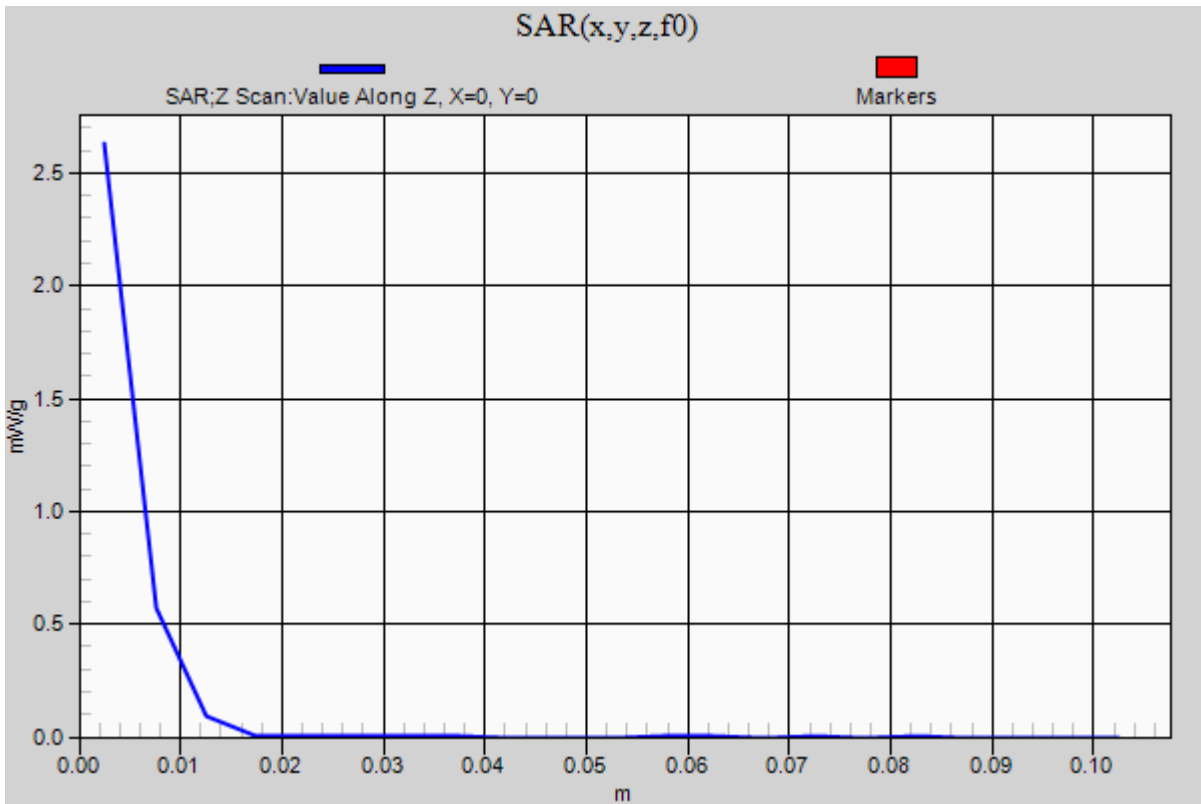
0 dB = 2.700mW/g

Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1

802.11a/Ch 120/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.630 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 49.163$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

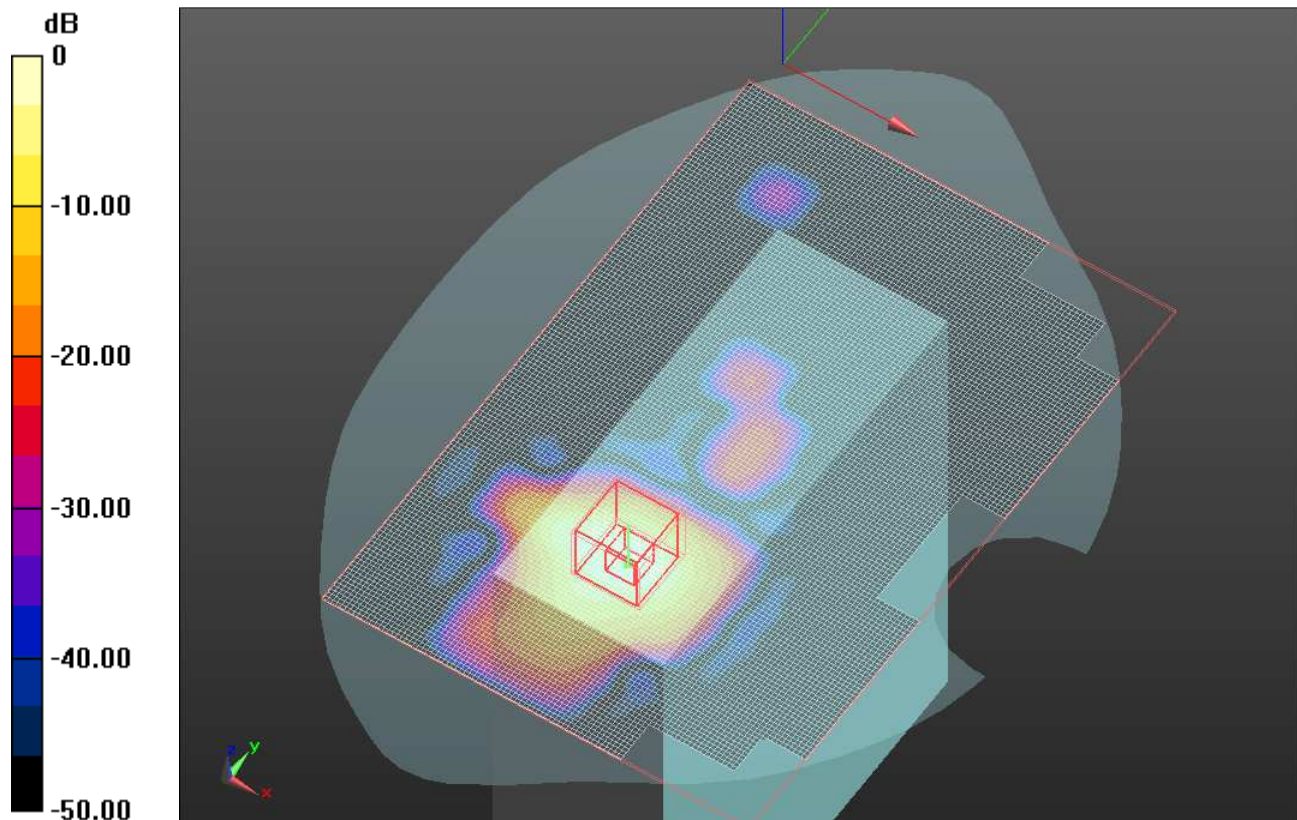
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 140/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 2.086 mW/g

802.11a/Ch 140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 17.310 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 4.737 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.375 mW/g
 Maximum value of SAR (measured) = 2.408 mW/g



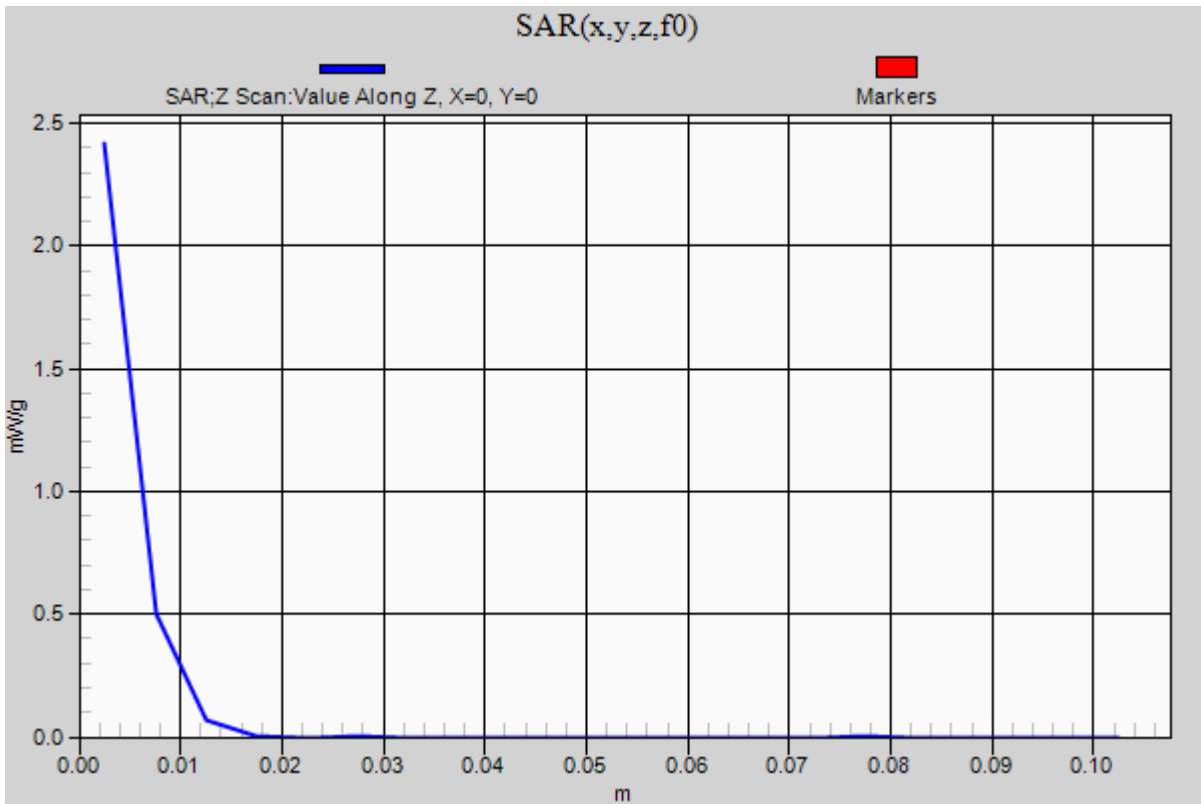
0 dB = 2.410mW/g

Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5700 MHz;Duty Cycle: 1:1

802.11a/Ch 140/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.417 mW/g



Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.762$ mho/m; $\epsilon_r = 49.311$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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

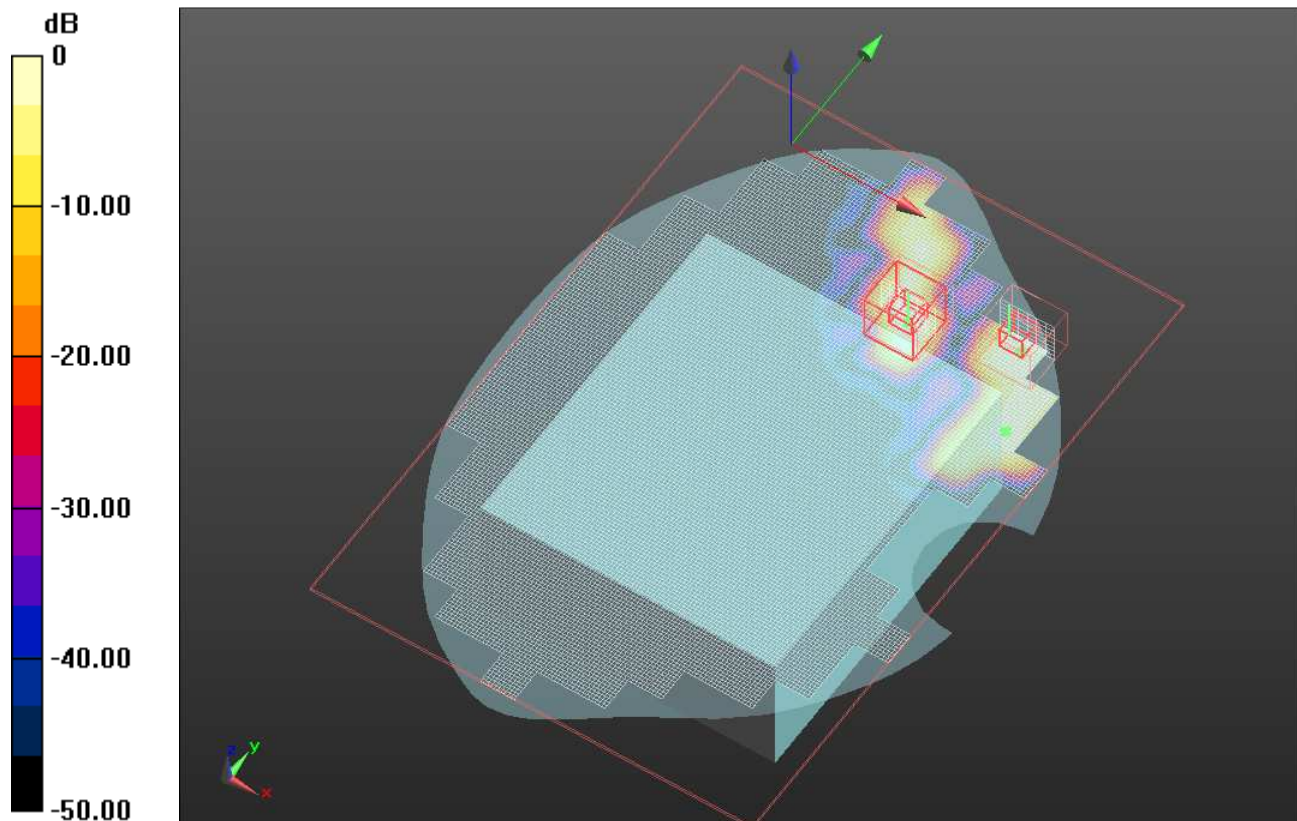
DASY5 Configuration:

- 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120 (MainAnt)/Area Scan 2 (131x191x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.115 mW/g

802.11a/Ch 120 (MainAnt)/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 3.530 V/m; Power Drift = 0.77 dB, Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = n.a., Maximum value of SAR (measured) = 0.045 mW/g

802.11a/Ch 120 (MainAnt)/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 3.530 V/m; Power Drift = 0.77 dB, Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.014 mW/g, Maximum value of SAR (measured) = 0.081 mW/g



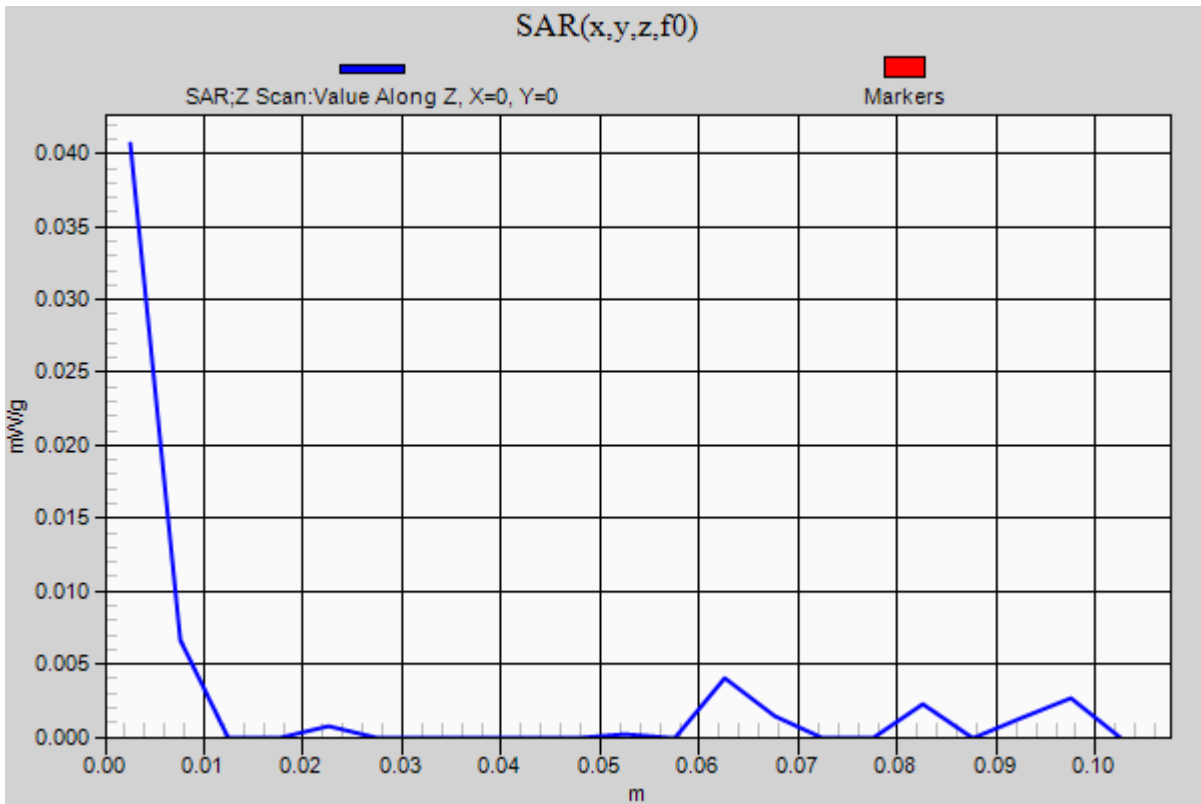
0 dB = 0.080mW/g

Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5600 MHz;Duty Cycle: 1:1

802.11a/Ch 120 (MainAnt)/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.041 mW/g



Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.762$ mho/m; $\epsilon_r = 49.311$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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

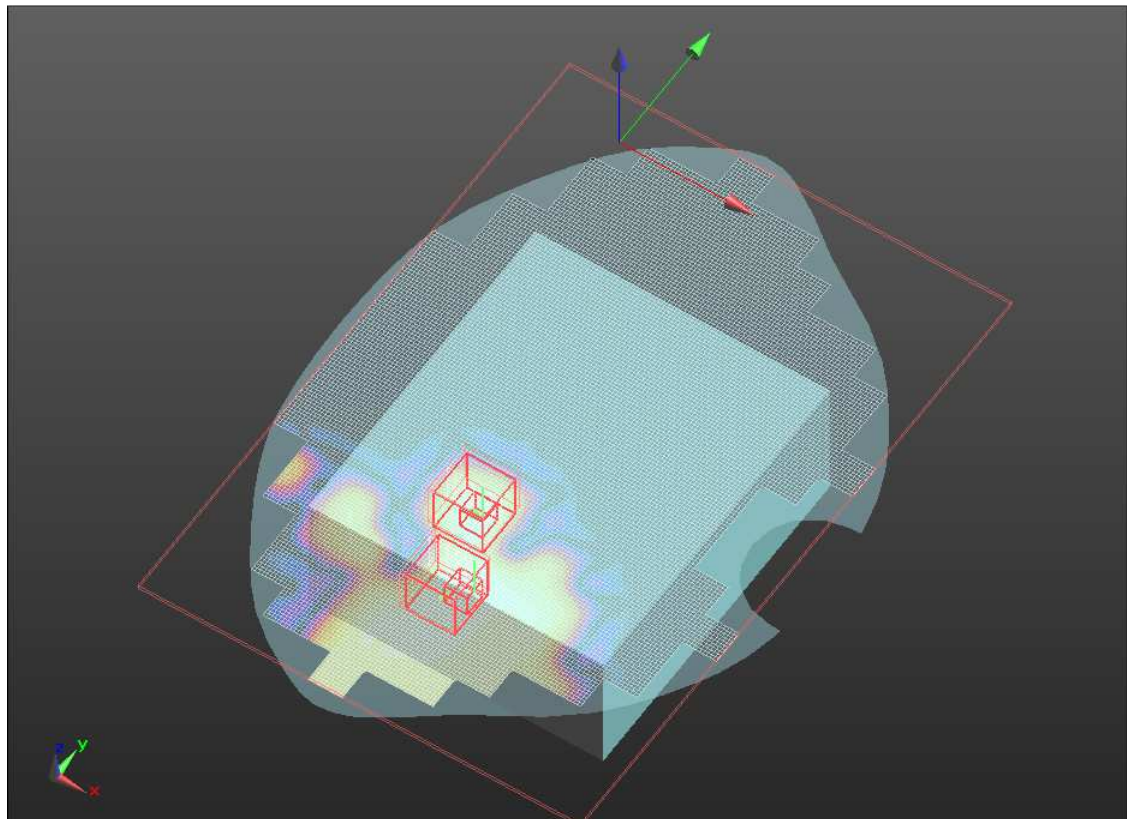
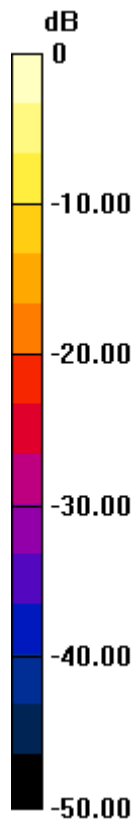
DASY5 Configuration:

- 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 120 (SubAnt)/Area Scan 2 (131x191x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.482 mW/g

802.11a/Ch 120 (SubAnt)/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 7.696 V/m; Power Drift = -0.17 dB, Peak SAR (extrapolated) = 0.622 W/kg
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.050 mW/g, Maximum value of SAR (measured) = 0.350 mW/g

802.11a/Ch 120 (SubAnt)/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 7.696 V/m; Power Drift = -0.17 dB, Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.068 mW/g, Maximum value of SAR (measured) = 0.300 mW/g



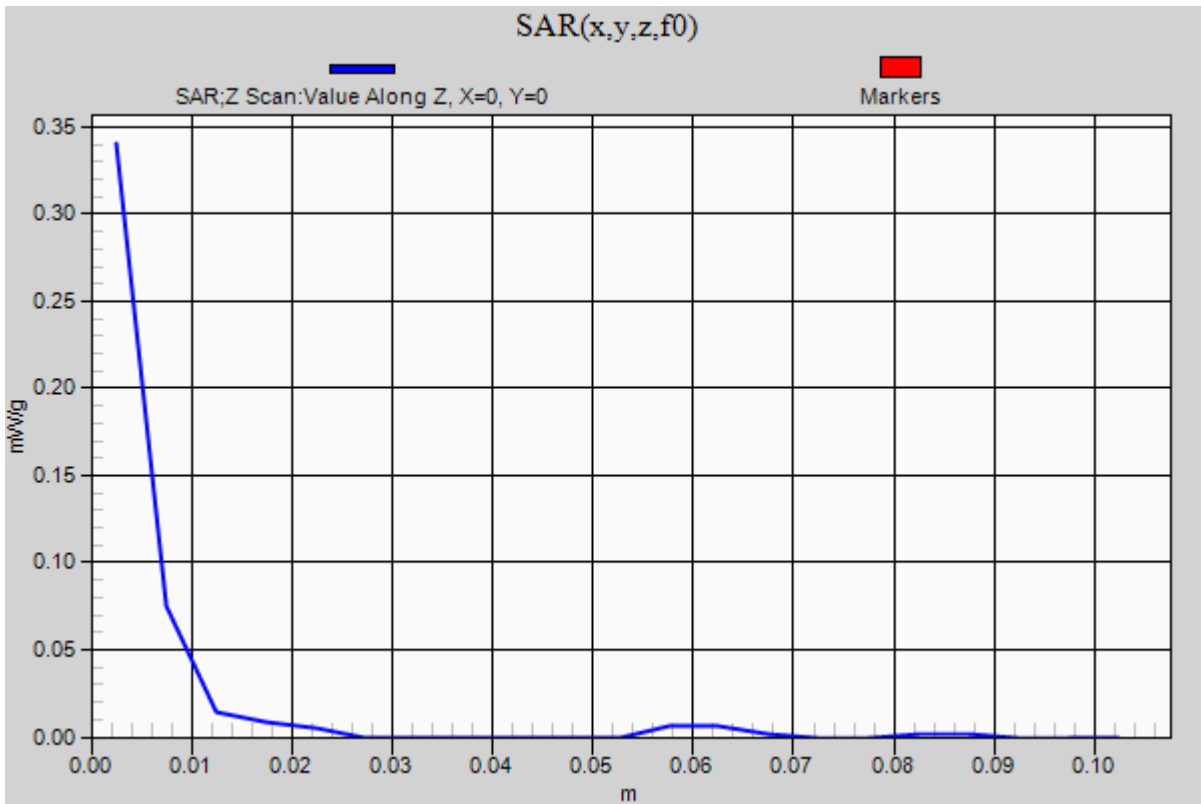
0 dB = 0.300mW/g

Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5600 MHz;Duty Cycle: 1:1

802.11a/Ch 120 (SubAnt)/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.340 mW/g



Test Laboratory: UL CCS SAR Lab B

Primary Portrait

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.916$ mho/m; $\epsilon_r = 49.153$; $\rho = 1000$ 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 60/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.319 mW/g

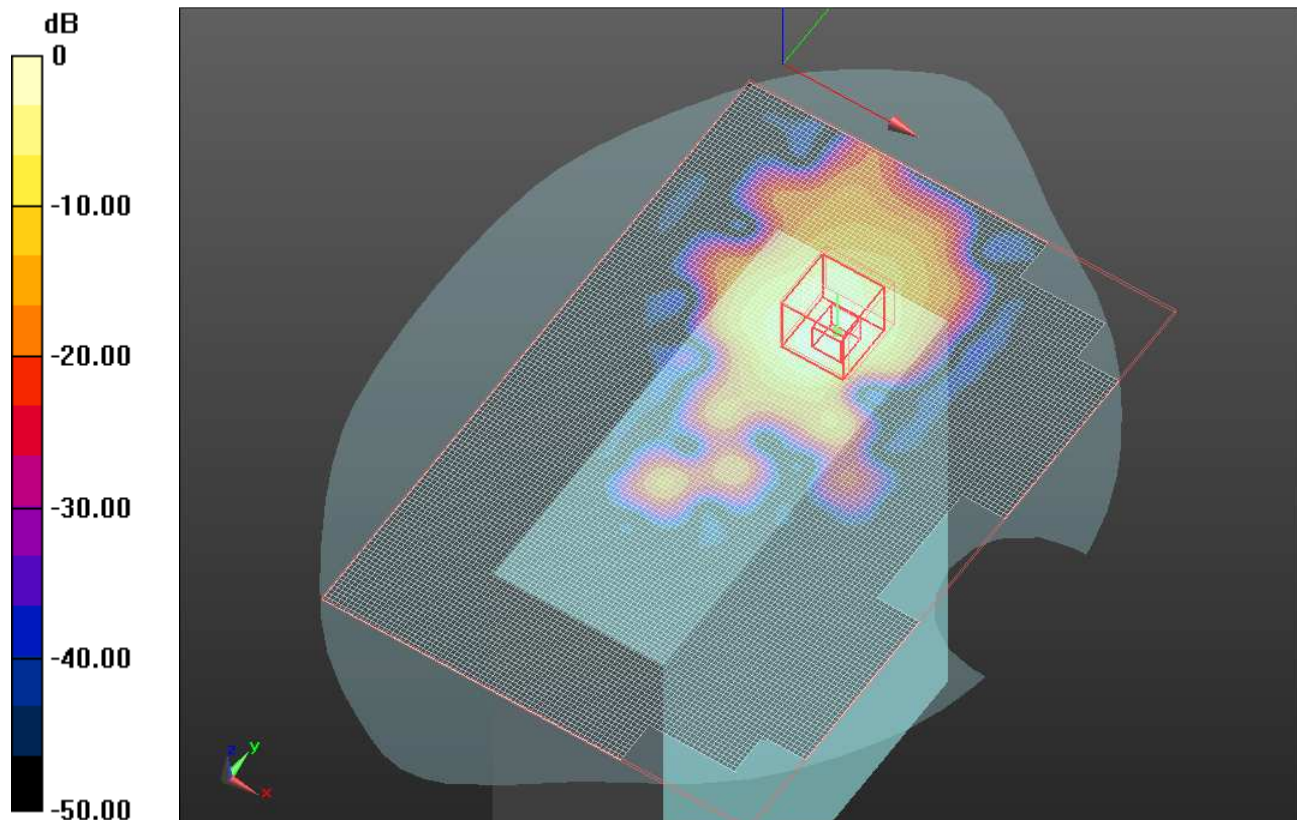
802.11a/Ch 60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.032 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.328 W/kg

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 1.195 mW/g



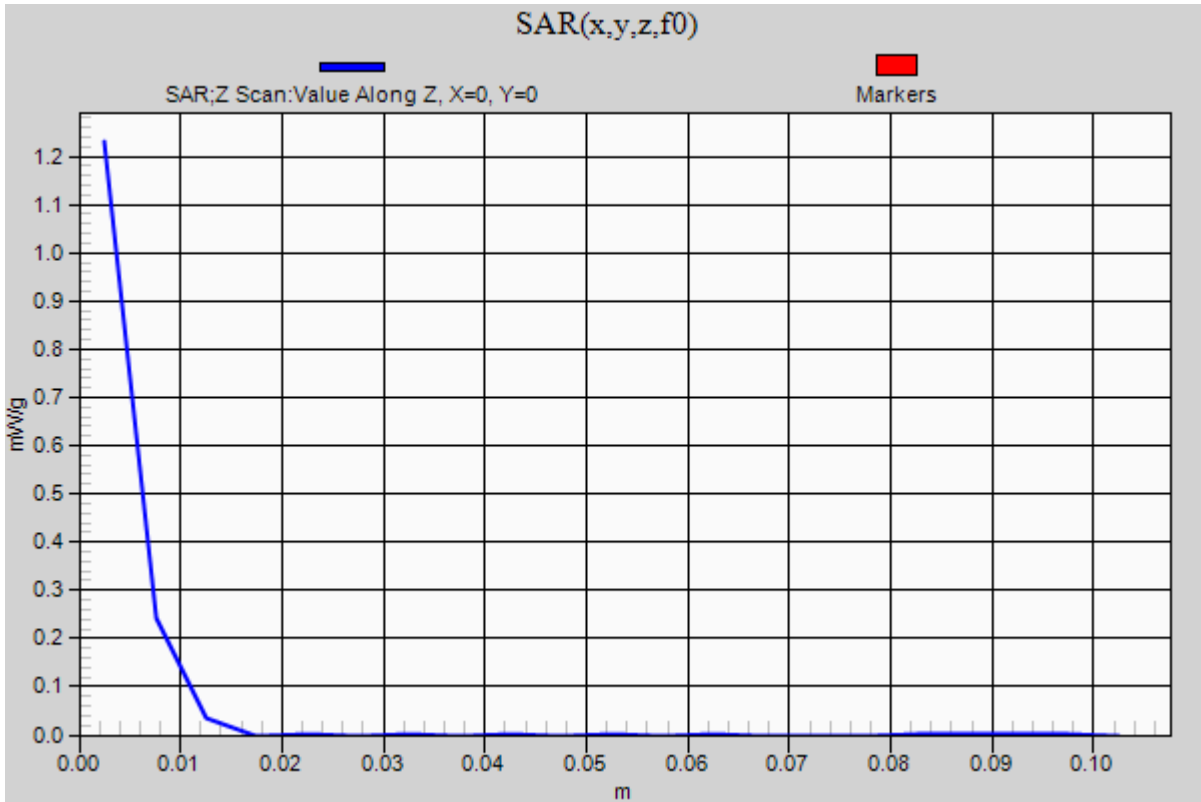
0 dB = 1.200mW/g

Test Laboratory: UL CCS SAR Lab B

Primary Portrait

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

802.11a/Ch 60/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.230 mW/g



Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.916$ mho/m; $\epsilon_r = 49.153$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

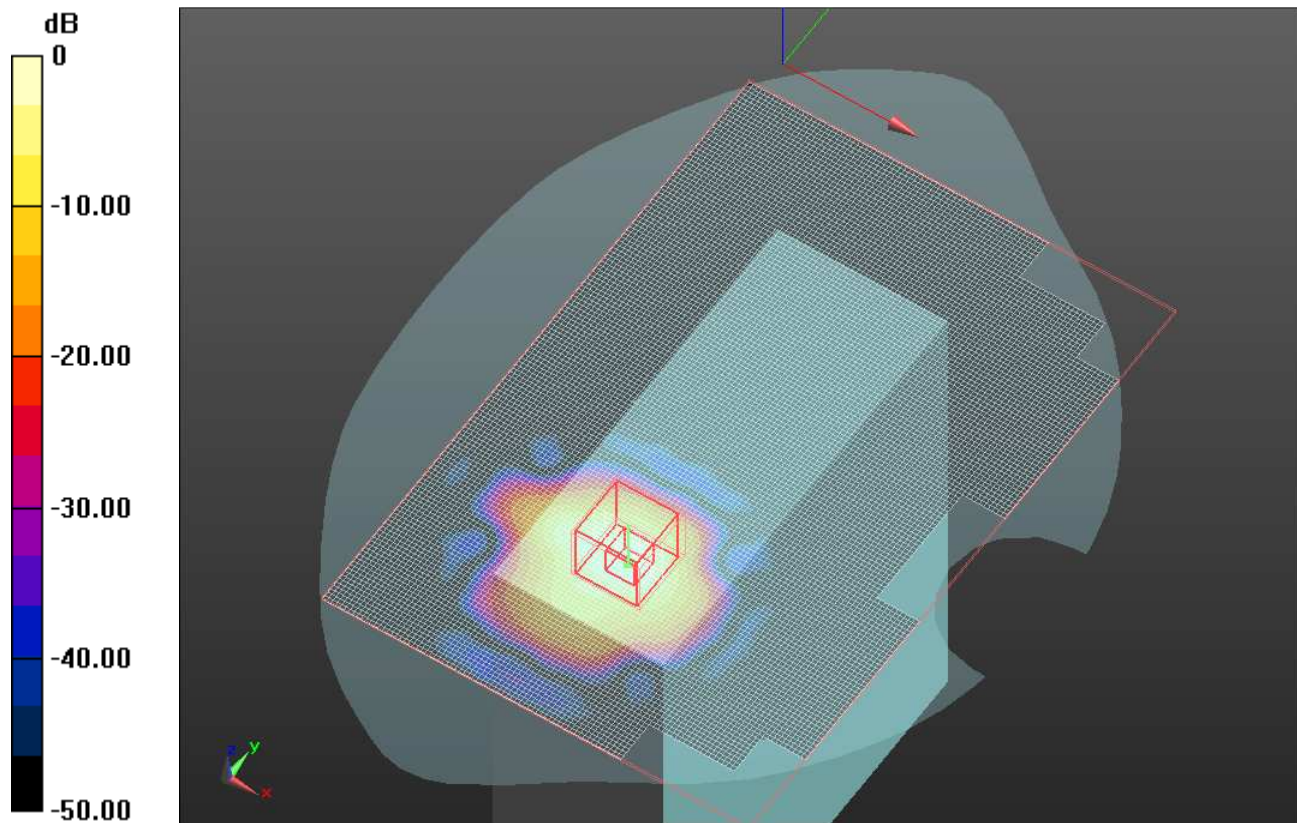
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.144 mW/g

802.11a/Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 12.724 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 2.574 W/kg
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.187 mW/g
 Maximum value of SAR (measured) = 1.289 mW/g



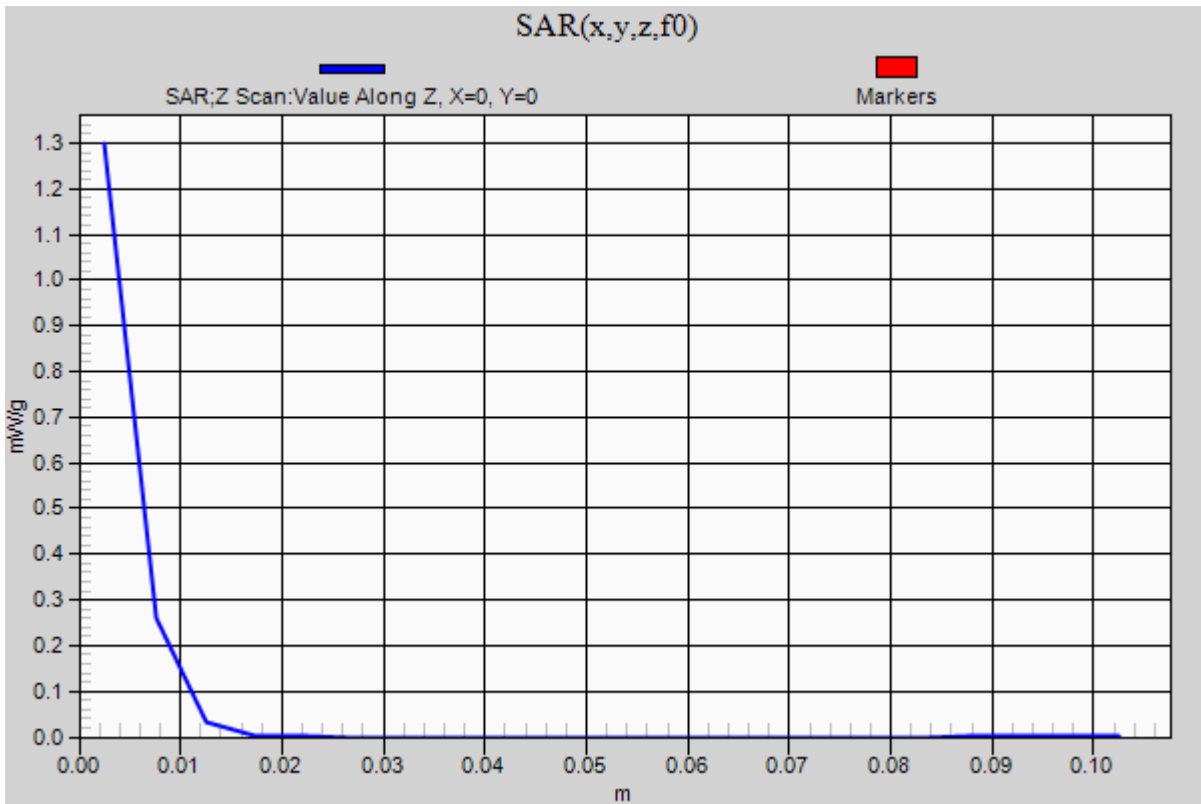
0 dB = 1.290mW/g

Test Laboratory: UL CCS SAR Lab B

Secondary Portrait

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

802.11a/Ch 157/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.298 mW/g



Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.916$ mho/m; $\epsilon_r = 49.153$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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

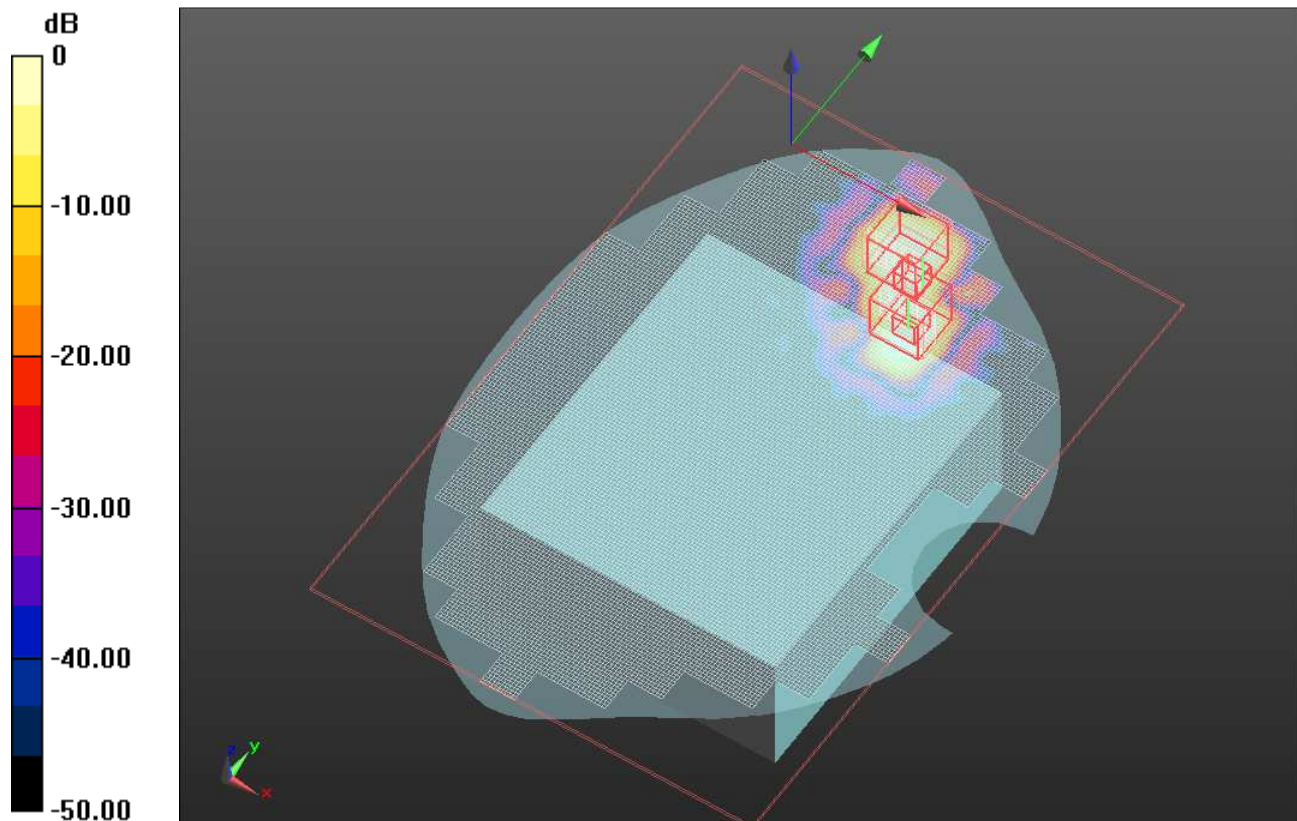
DASY5 Configuration:

- 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157 (MainAnt)/Area Scan 2 (131x191x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.040 mW/g

802.11a/Ch 157 (MainAnt)/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.833 V/m; Power Drift = 0.16 dB, Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.00852 mW/g, Maximum value of SAR (measured) = 0.048 mW/g

802.11a/Ch 157 (MainAnt)/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.833 V/m; Power Drift = 0.16 dB, Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.0081 mW/g, Maximum value of SAR (measured) = 0.045 mW/g



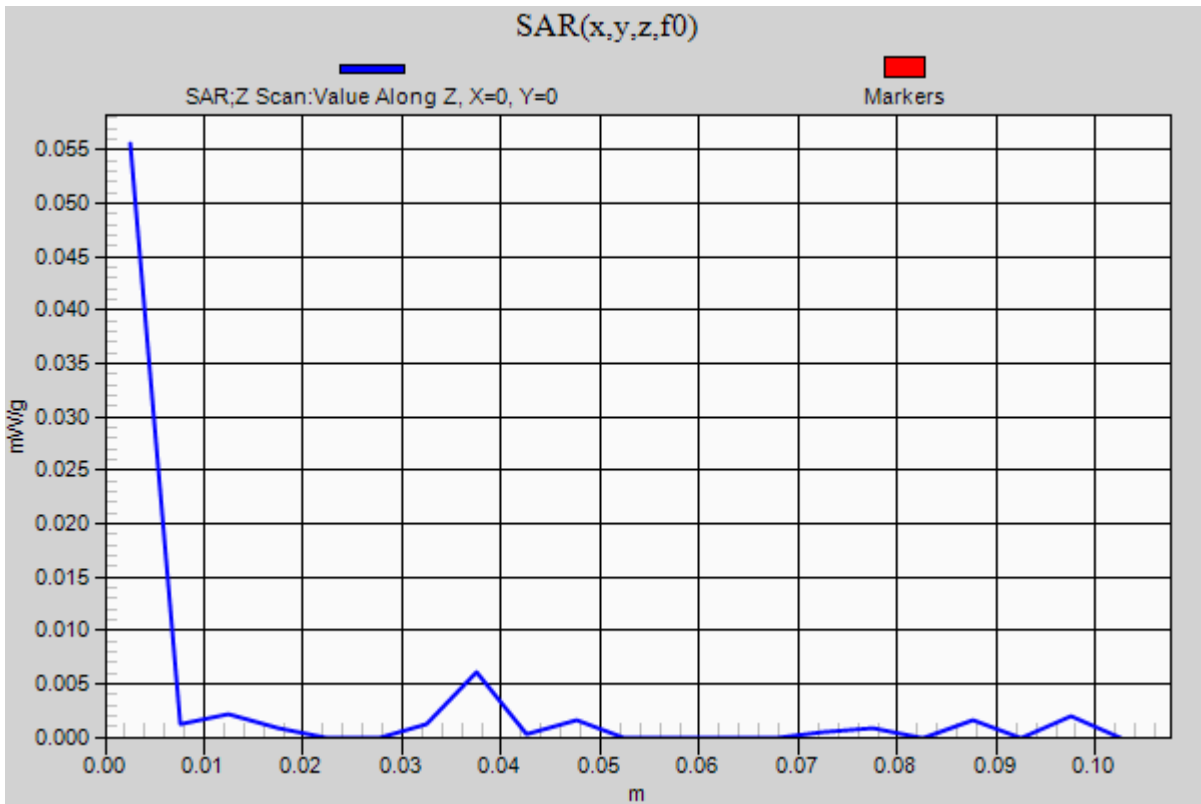
0 dB = 0.040mW/g

Test Laboratory: UL CCS SAR Lab B

Base

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

802.11a/Ch 157 (MainAnt)/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.056 mW/g



Test Laboratory: UL CCS SAR Lab B

Base

Communication System: WLAN_5GHz; Frequency: 5785 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.916$ mho/m; $\epsilon_r = 49.153$; $\rho = 1000$ 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: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

802.11a/Ch 157 (SubAnt)/Area Scan 2 (131x191x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.298 mW/g

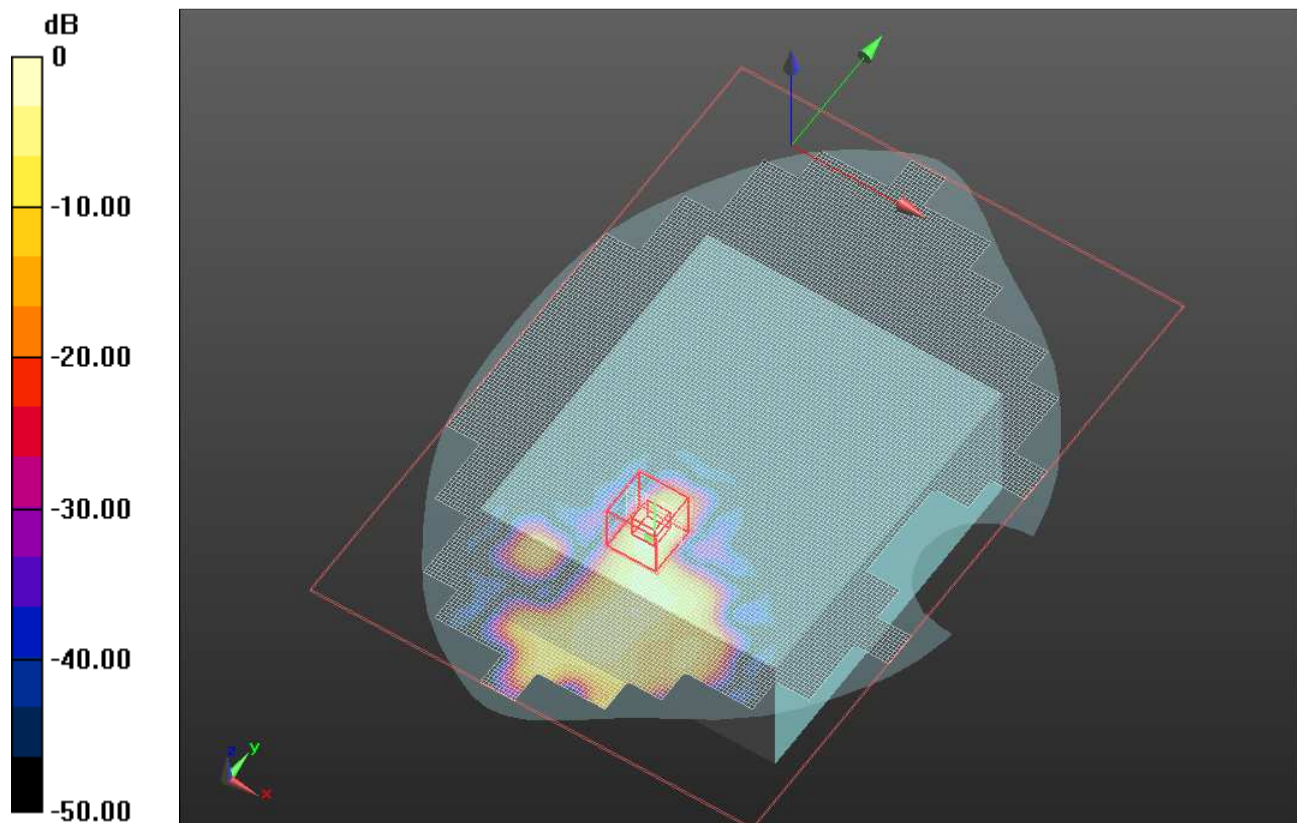
802.11a/Ch 157 (SubAnt)/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.882 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.330mW/g

Test Laboratory: UL CCS SAR Lab B

Base

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

802.11a/Ch 157 (SubAnt)/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.328 mW/g

