

Test Plot 1#: WLAN 2.4G Chain 0 Body Back Middle Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 53.522$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.67, 7.67, 7.67); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (131x61x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.206 W/kg

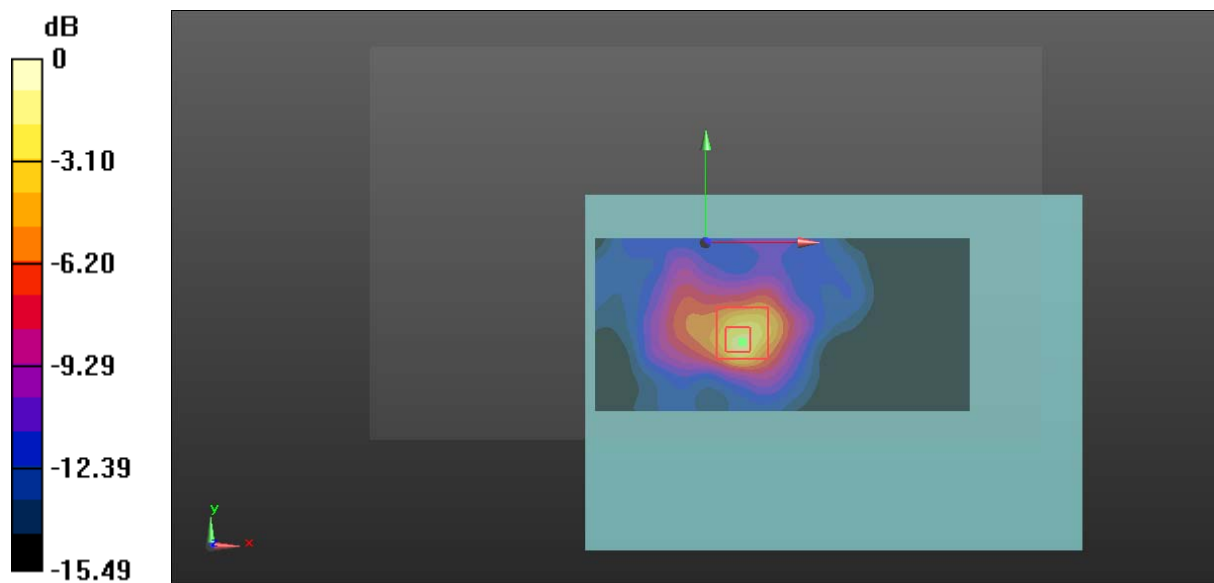
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.834 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



Test Plot 2#: WLAN 2.4G Chain 1 Body Back Middle Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 53.522$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.24, 5.24, 5.24); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (131x61x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.164 W/kg

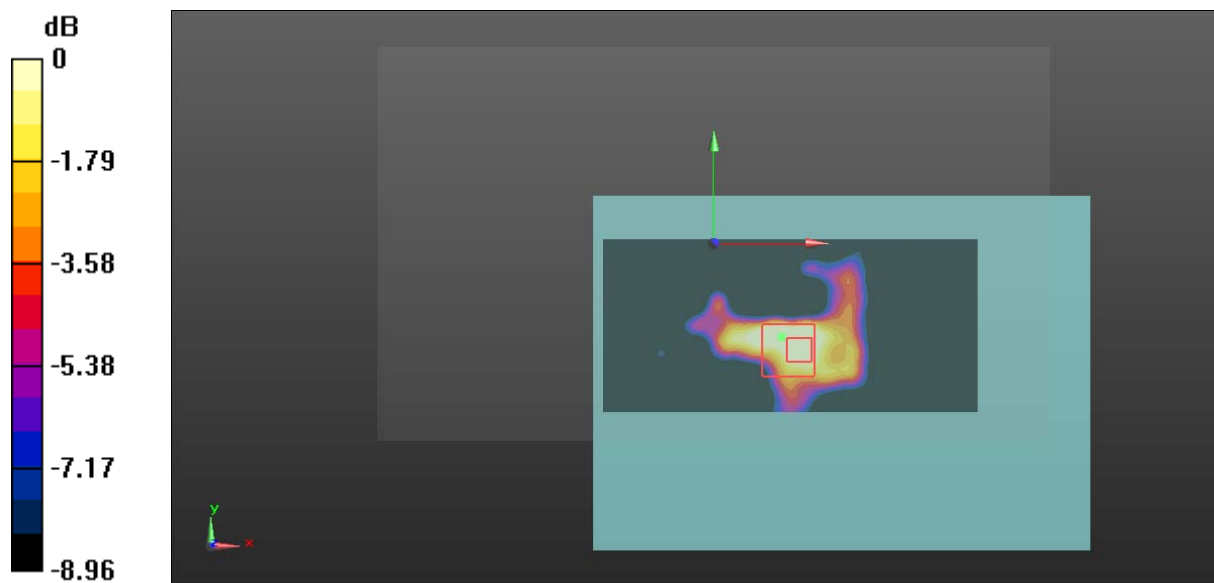
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.262 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

Test Plot 3#: WLAN 5.2G Chain 0 Body Back Low Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a ; Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.125$ S/m; $\epsilon_r = 50.161$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.24, 5.24, 5.24); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (151x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.98 W/kg

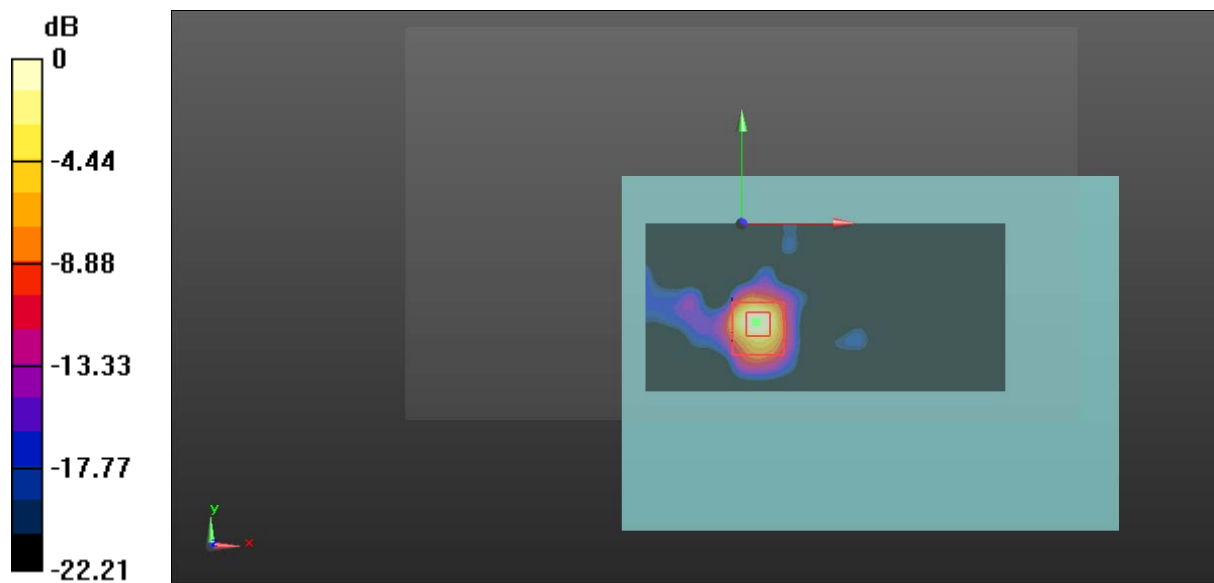
Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 2.585 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 2.53 W/kg



Test Plot 4#: WLAN 5.2G Chain 0 Body Back Middle Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a ; Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.216$ S/m; $\epsilon_r = 50.082$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.24, 5.24, 5.24); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (151x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.17 W/kg

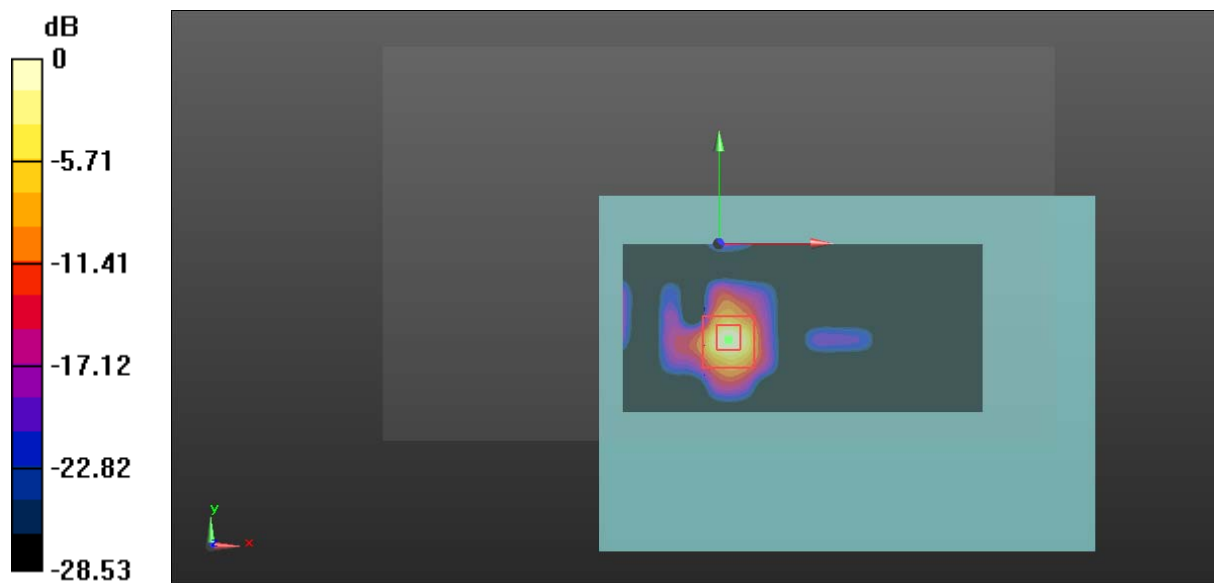
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.481 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.49 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 2.84 W/kg



0 dB = 2.84 W/kg = 4.53 dBW/kg

Test Plot 5#: WLAN 5.2G Chain 0 Body Back High Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a ; Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.273$ S/m; $\epsilon_r = 49.965$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.24, 5.24, 5.24); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (151x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.23 W/kg

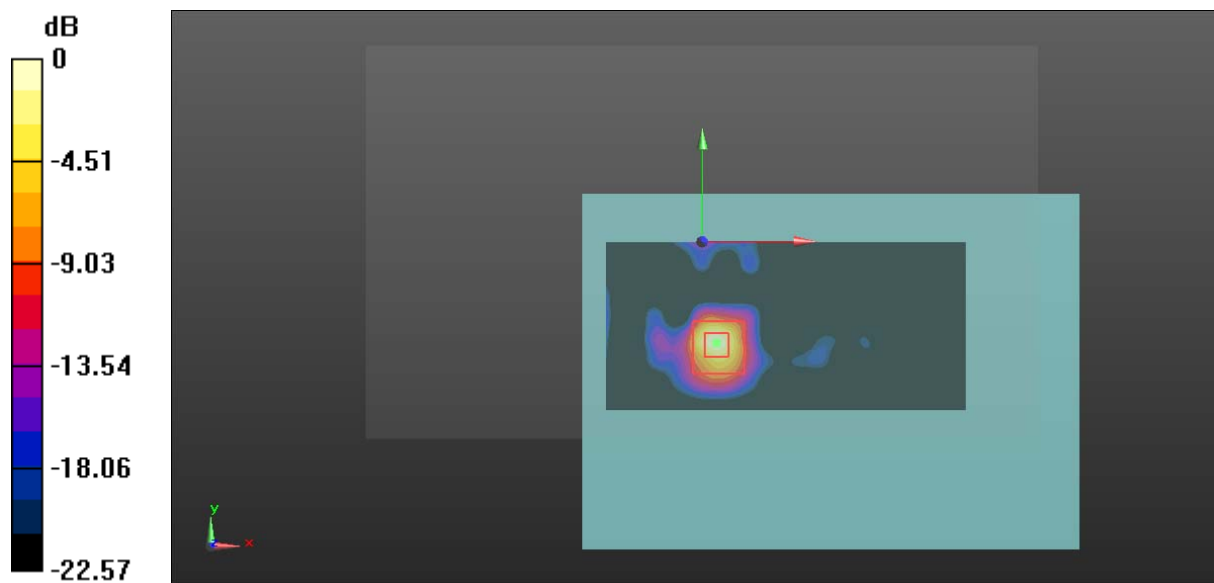
Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 3.290 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 2.45 W/kg



0 dB = 2.45 W/kg = 3.89 dBW/kg

Test Plot 6#: WLAN 5.2G Chain 1 Body Back Middle Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a ; Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.216$ S/m; $\epsilon_r = 50.082$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.24, 5.24, 5.24); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (151x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.818 W/kg

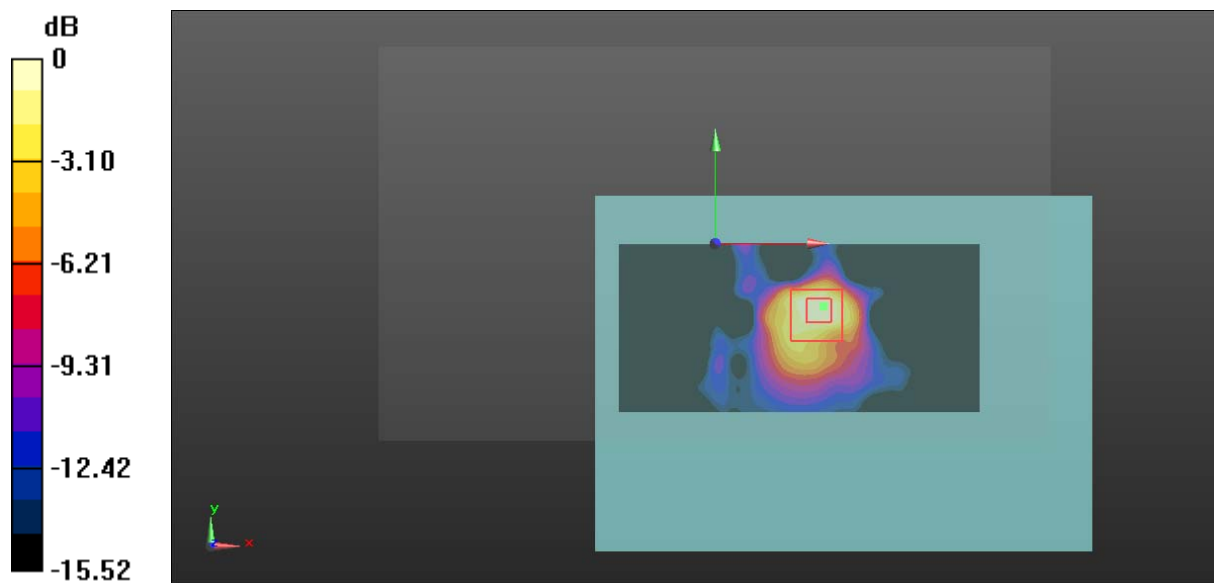
Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 2.928 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 1.791 W/kg



Test Plot 7#: WLAN 5.8G Chain 0 Body Back Middle Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a ; Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.878 \text{ S/m}$; $\epsilon_r = 49.395$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (151x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.639 W/kg

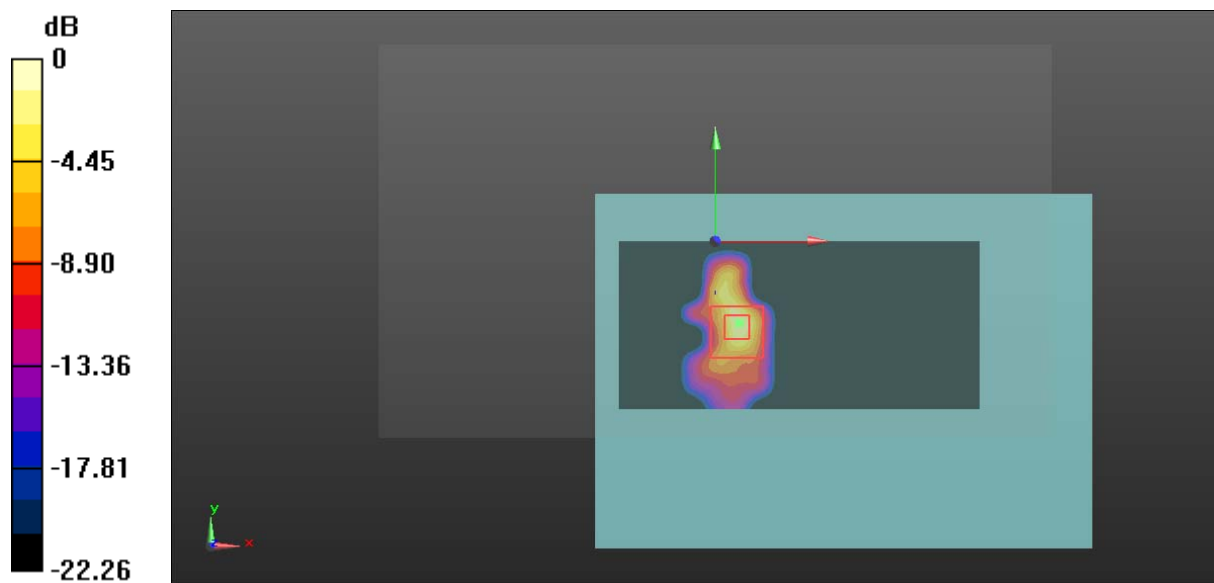
Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.167 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.336 W/kg ; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg = -0.26 dBW/kg

Test Plot 8#: WLAN 5.8G Chain 1 Body Back Middle Channel

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a ; Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.878$ S/m; $\epsilon_r = 49.395$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (151x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.414 W/kg

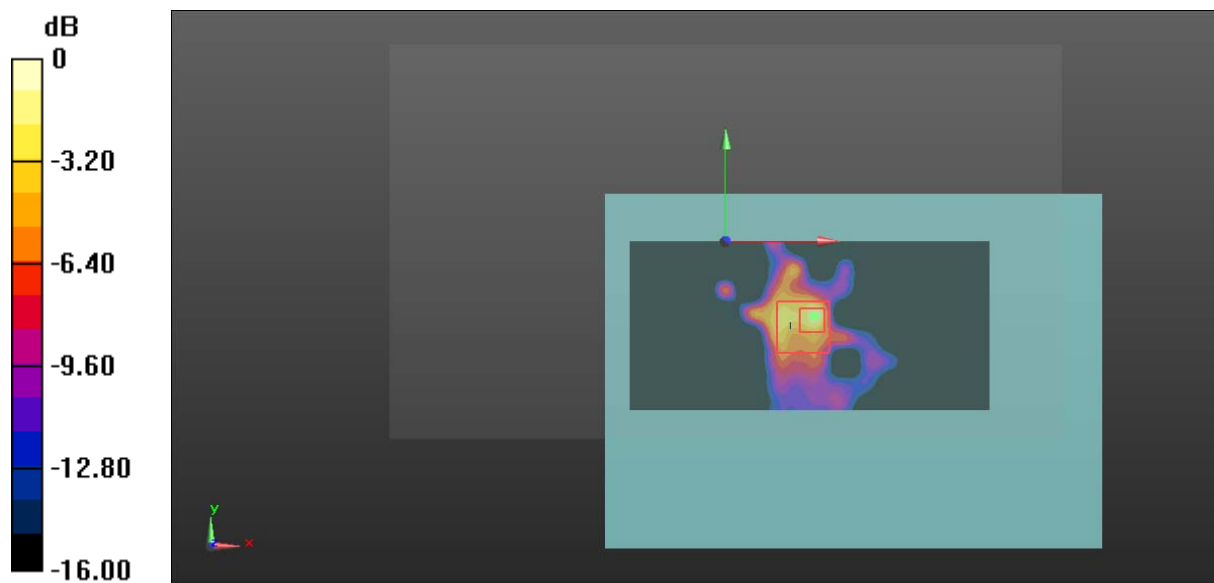
Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 1.054 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.037 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

Test Plot 9#:Multi Band scaled 1g simultaneous transmission SAR for WLAN 5.2G

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Chain 0 Volume /WLAN 5.2G Chain 0 Middle Channel /Volume Scan:

Date/Time: 2017/8/2 18:06:24

File Name: [5250 Body-1.da53:1](#)

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a; Frequency: 5200 MHz; Duty Cycle: 1:1;

Medium: 5250-B Medium parameters used: $f = 5200$ MHz; $\sigma = 5.216$ S/m; $\epsilon_r = 50.082$; $\rho = 1000$ kg/m³

Phantom section: Center Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7441; ConvF(5.24, 5.24, 5.24); Calibrated: 2016/11/15;
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn379; Calibrated: 2016/10/4
 - Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
 - Measurement SW: DASY52, Version 52.8 (8);
-

DASY Configuration for Chain 1 Volume/WLAN 5.2 G Chain 1 Middle Channel/Volume Scan:

Date/Time: 2017/8/2 19:49:11

File Name: [5250 Body-1.da53:2](#)

DUT: CrystalSky(Ultra 7.85 inch); Type: CS785U; Serial: 17060300220

Communication System: 802.11 a; Frequency: 5200 MHz; Duty Cycle: 1:1;

Medium: 5250-B Medium parameters used: $f = 5200$ MHz; $\sigma = 5.216$ S/m; $\epsilon_r = 50.082$; $\rho = 1000$ kg/m³

Phantom section: Center Section

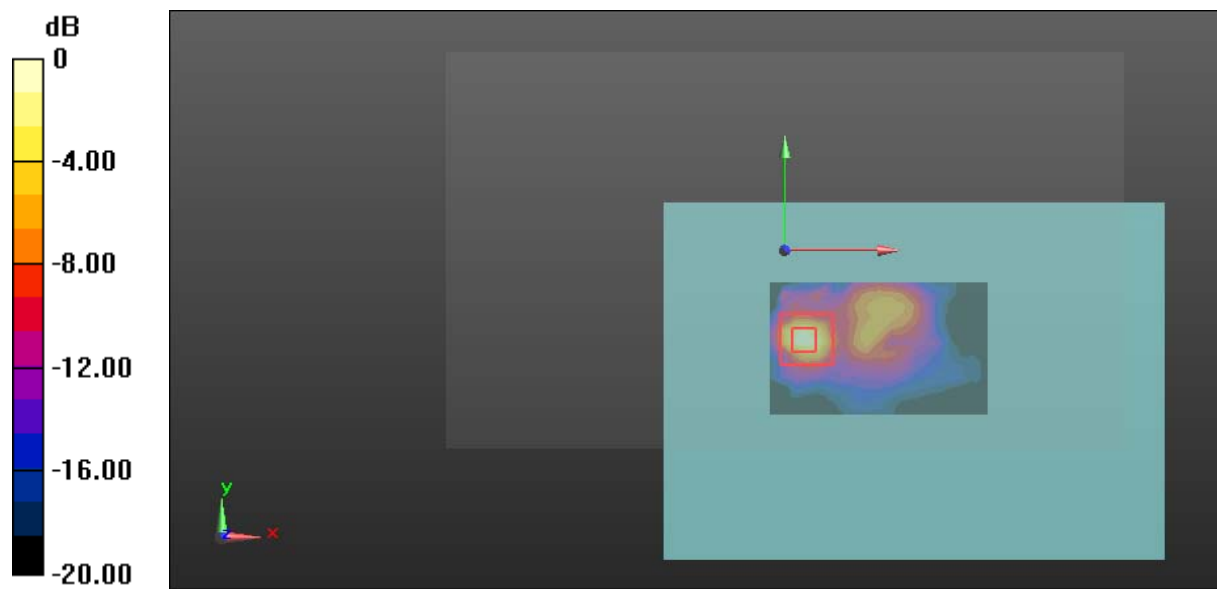
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7441; ConvF(5.24, 5.24, 5.24); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Multi Band Result:

SAR(1 g) = 1.20 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (interpolated) = 3.88 W/kg



0 dB = 3.88 W/kg = 5.89 dBW/kg