Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/25

P-01_WLAN5GHz_802.11a_6Mbps_front_0cm_CH40;Ant B

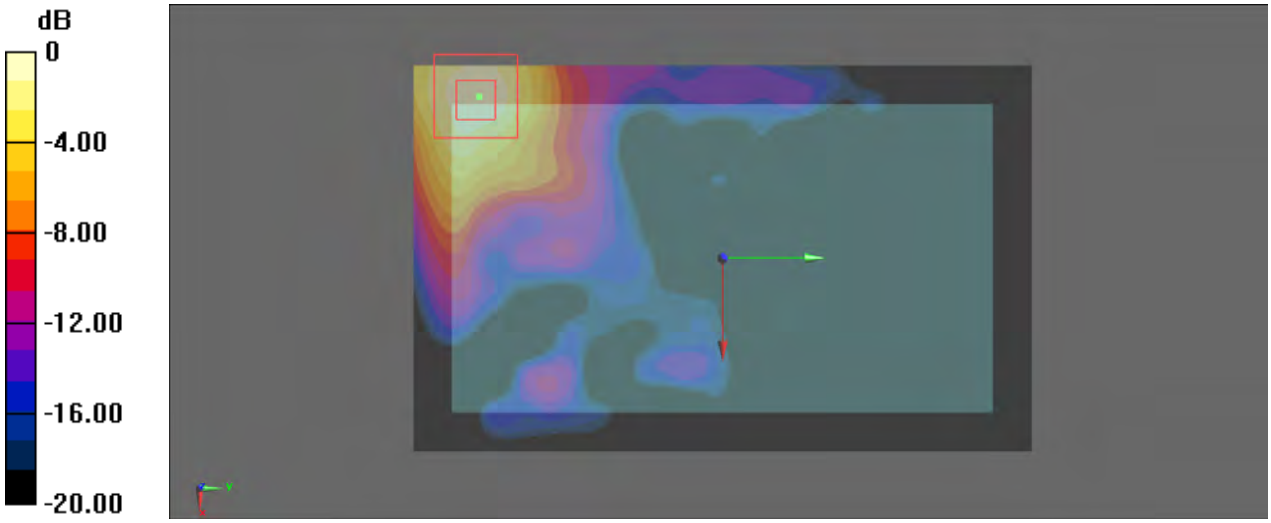
Communication System: WLAN 5GHz_802.11a ; Frequency: 5200 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5200 MHz; σ = 5.32 S/m; ε_r = 47.85; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH40/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.897 W/kg

Configuration/CH40/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.344 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.908 W/kg



0 dB = 0.908 W/kg = -0.42 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/25

P-02_WLAN5GHz_802.11a_6Mbps_front_0cm_CH60;Ant B

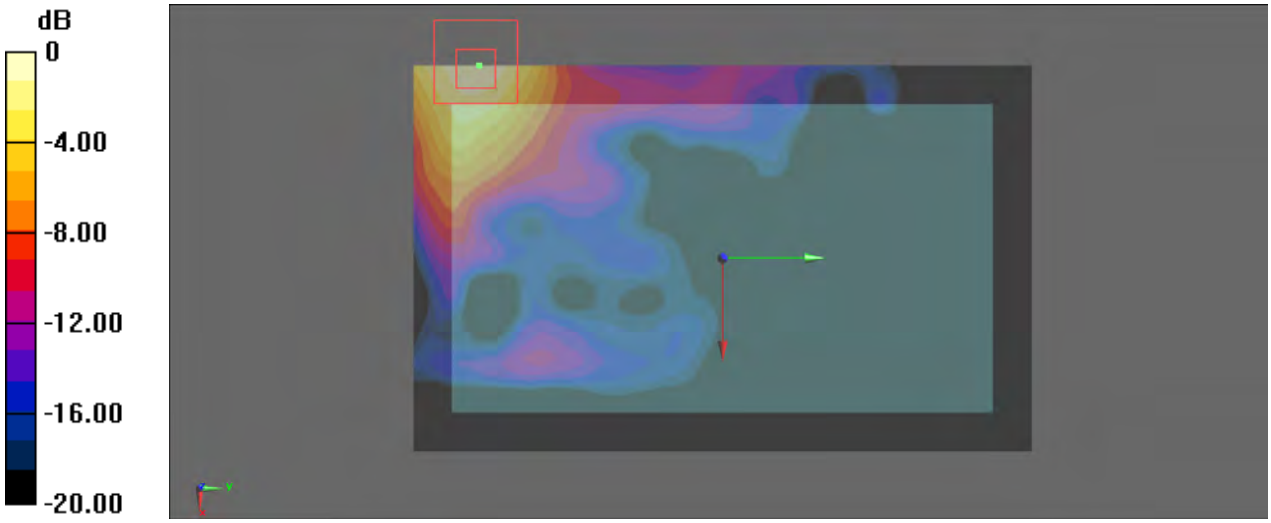
Communication System: WLAN 5GHz_802.11a ; Frequency: 5300 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5300 MHz; σ = 5.445 S/m; ε_r = 47.715; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH60/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.08 W/kg

Configuration/CH60/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.547 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/26

P-03_WLAN5GHz_802.11a_6Mbps_front_0cm_CH116;Ant B

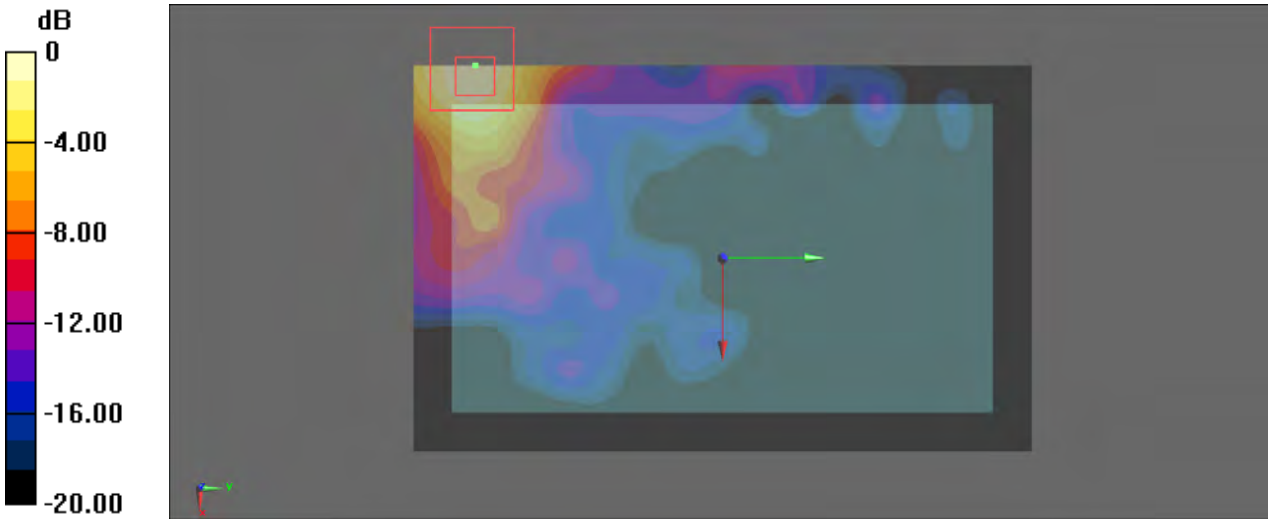
Communication System: WLAN 5GHz_802.11a ; Frequency: 5580 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5580 MHz; σ = 5.817 S/m; ε_r = 47.244; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(3.91, 3.91, 3.91); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH116/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.15 W/kg

Configuration/CH116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.222 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.15 W/kg
SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.364 W/kg
Maximum value of SAR (measured) = 2.32 W/kg



0 dB = 2.32 W/kg = 3.65 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-04_WLAN5GHz_802.11a_6Mbps_front_0cm_CH149;Ant B

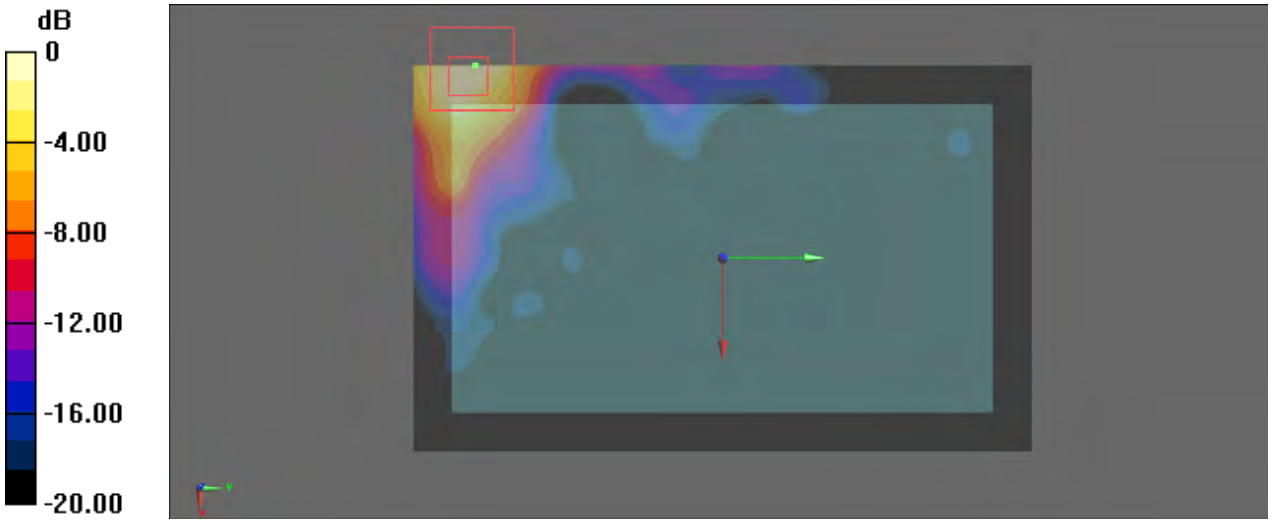
Communication System: WLAN 5GHz_802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5745 MHz; σ = 6.034 S/m; ε_r = 46.845; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.15, 4.15, 4.15); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH149/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.13 W/kg

Configuration/CH149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.827 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.21 W/kg
SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.485 W/kg
Maximum value of SAR (measured) = 3.43 W/kg



0 dB = 3.43 W/kg = 5.35 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/26

P-05_WLAN5GHz_802.11a_6Mbps_front_0cm_CH52;Ant B

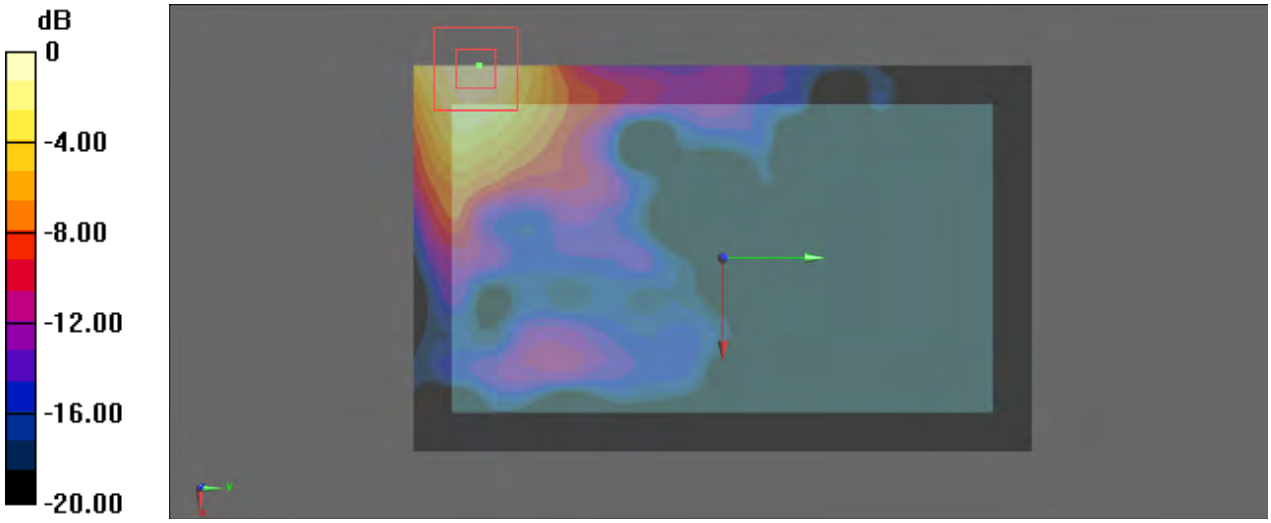
Communication System: WLAN 5GHz_802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5260 MHz; σ = 5.4 S/m; ε_r = 47.815; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH52/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.84 W/kg

Configuration/CH52/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.243 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.320 W/kg
Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/26

P-06_WLAN5GHz_802.11a_6Mbps_front_0cm_CH64;Ant B

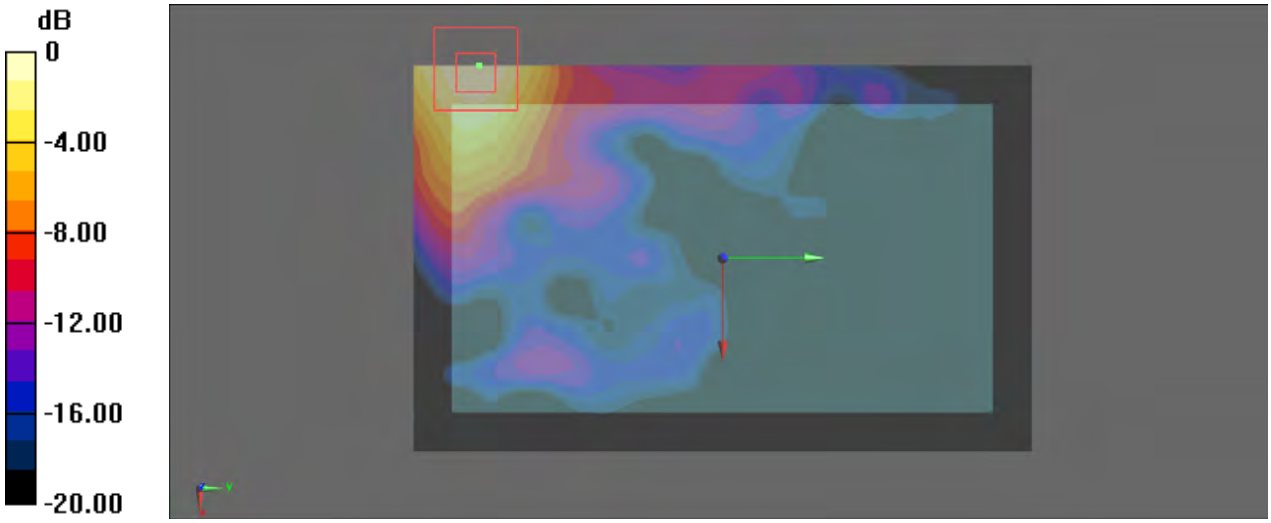
Communication System: WLAN 5GHz_802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5320 MHz; σ = 5.474 S/m; ε_r = 47.675; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.57, 4.57, 4.57); Calibrated: 2014/03/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH64/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

Configuration/CH64/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.896 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.77 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/26

P-07_WLAN5GHz_802.11a_6Mbps_front_0cm_CH104;Ant B

Communication System: WLAN 5GHz_802.11a ; Frequency: 5520 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5520 MHz; σ = 5.726 S/m; ε_r = 47.361; ρ = 1000 kg/m^3

DASY5 Configuration:

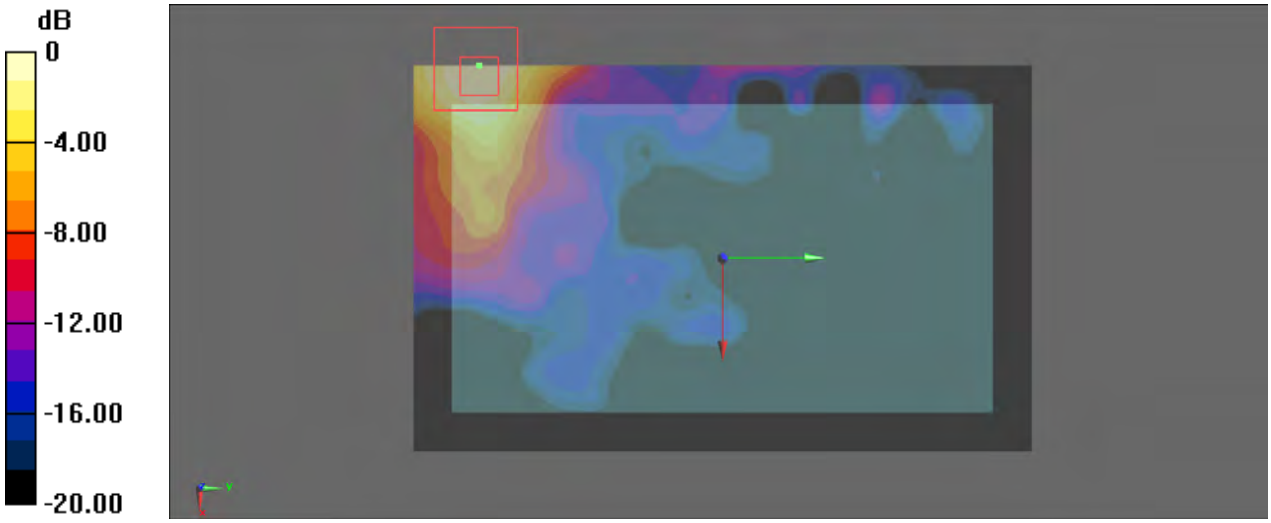
- Probe: EX3DV4 - SN3958; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH104/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

Configuration/CH104/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.503 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-08_WLAN5GHz_802.11ac-VHT80_MCS0_front_0cm_CH155;Ant B

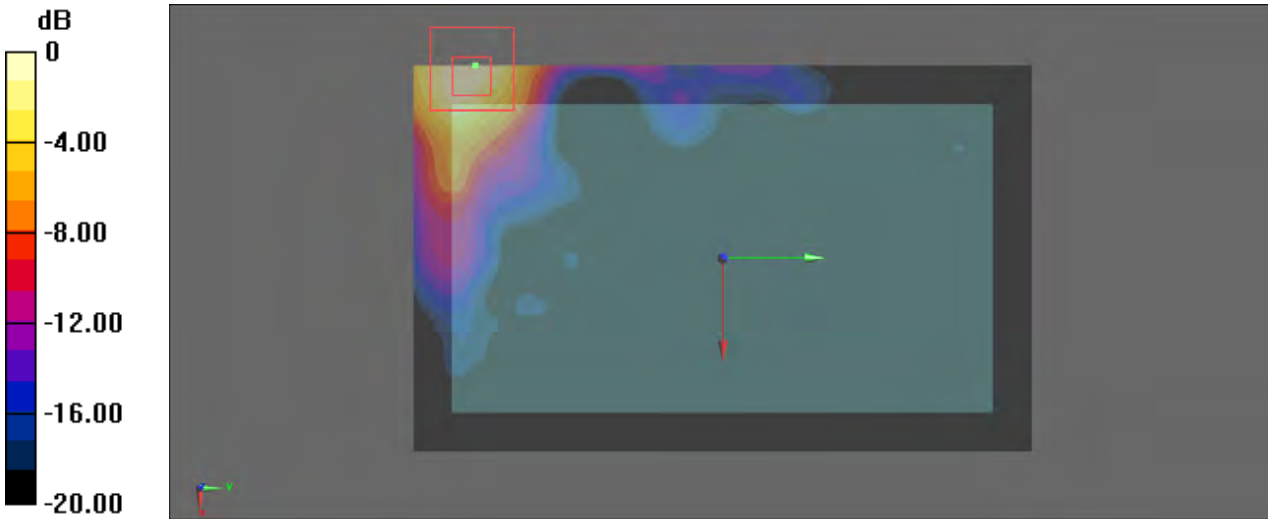
Communication System: WLAN 5GHz_802.11ac ; Frequency: 5775 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5775 MHz; σ = 6.074 S/m; ε_r = 46.81; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.15, 4.15, 4.15); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH155/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.23 W/kg

Configuration/CH155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.932 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.25 W/kg
SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.491 W/kg
Maximum value of SAR (measured) = 3.46 W/kg



0 dB = 3.46 W/kg = 5.39 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/26

P-09_WLAN5GHz_802.11a_6Mbps_front_0cm_CH136;Ant B

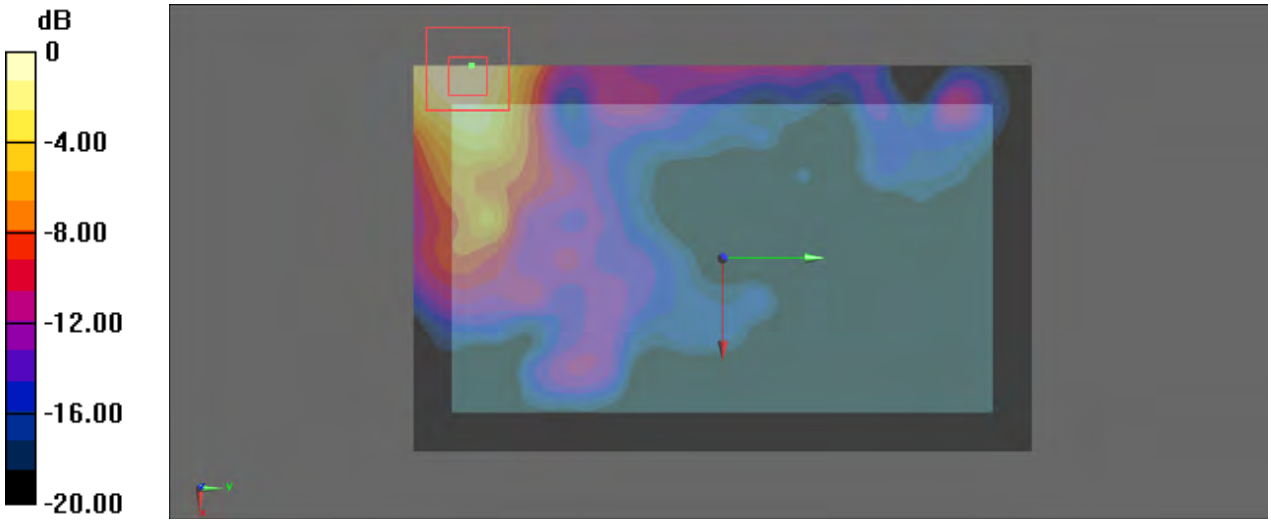
Communication System: WLAN 5GHz_802.11a ; Frequency: 5680 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5680 MHz; σ = 5.945 S/m; ε_r = 47.081; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(3.91, 3.91, 3.91); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH136/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.99 W/kg

Configuration/CH136/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.007 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.78 W/kg
SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.340 W/kg
Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-10_WLAN5GHz_802.11a_6Mbps_front_0cm_CH157;Ant B

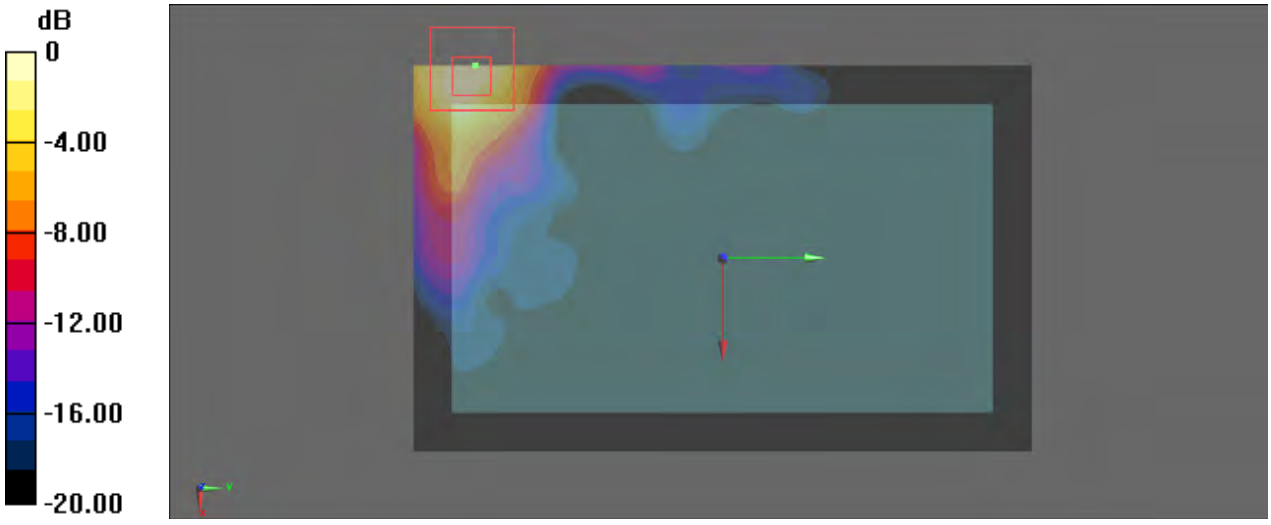
Communication System: WLAN 5GHz_802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5785 MHz; σ = 6.087 S/m; ε_r = 46.794; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.15, 4.15, 4.15); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH157/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.17 W/kg

Configuration/CH157/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 26.001 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 6.24 W/kg
SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.485 W/kg
Maximum value of SAR (measured) = 3.44 W/kg



0 dB = 3.44 W/kg = 5.37 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/26

P-11_WLAN5GHz_802.11a_6Mbps_front_0cm_CH165;Ant B

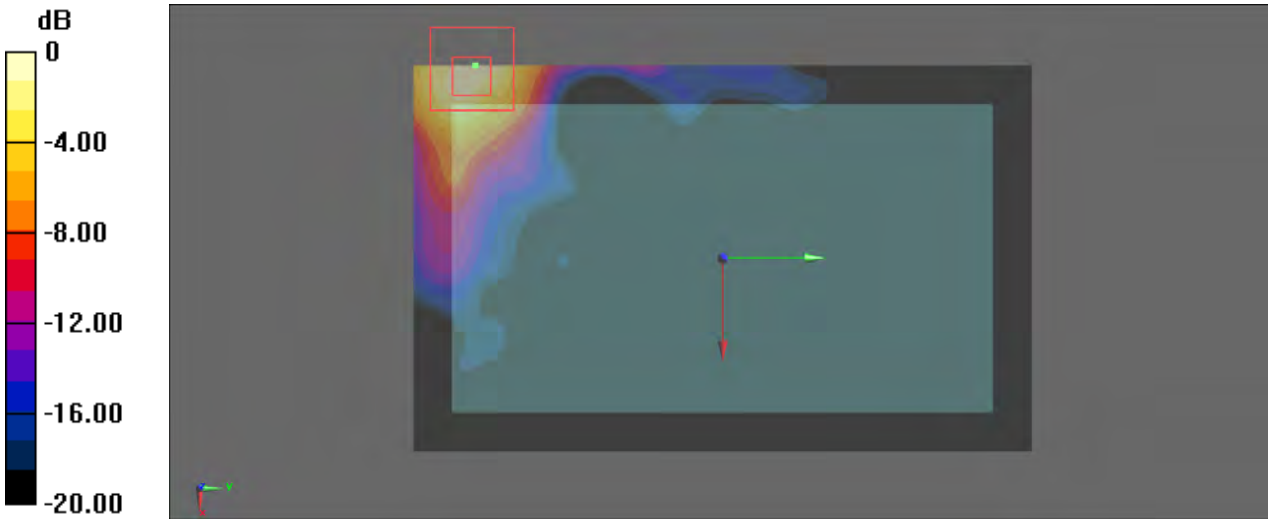
Communication System: WLAN 5GHz_802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5825 MHz; σ = 6.147 S/m; ε_r = 46.843; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.15, 4.15, 4.15); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH165/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.28 W/kg

Configuration/CH165/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 26.112 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.44 W/kg
SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 3.54 W/kg



0 dB = 3.54 W/kg = 5.49 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-12_WLAN5GHz_802.11ac-VHT80_MCS0_front_0cm_CH42;Ant B

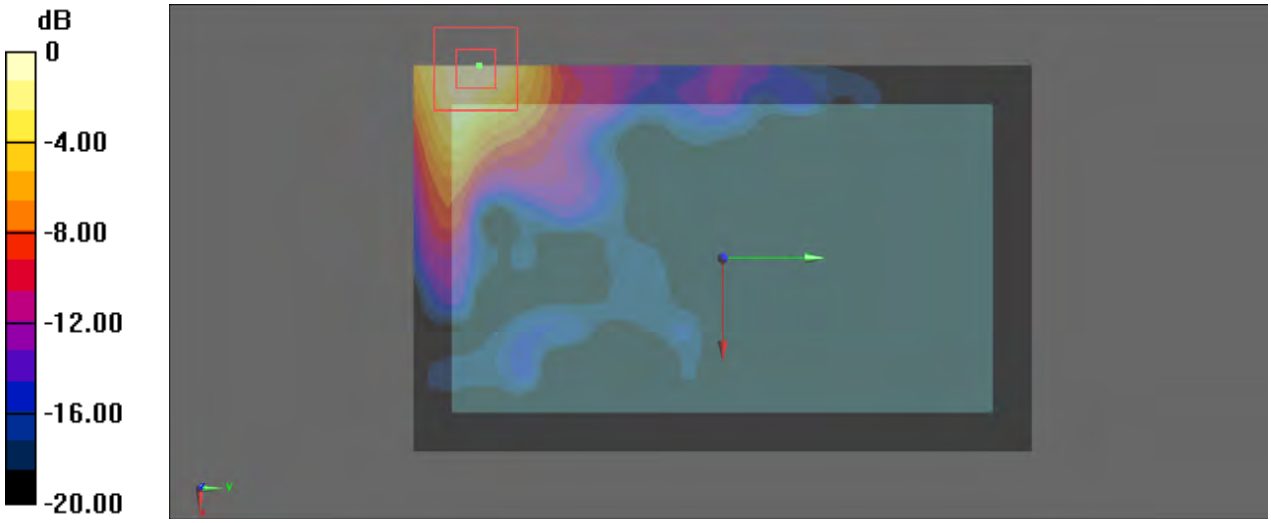
Communication System: WLAN 5GHz_802.11ac ; Frequency: 5210 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5210 MHz; σ = 5.323 S/m; ε_r = 47.687; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH42/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Configuration/CH42/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.203 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-13_WLAN5GHz_802.11ac-VHT80_MCS0_front_0cm_CH58;Ant B

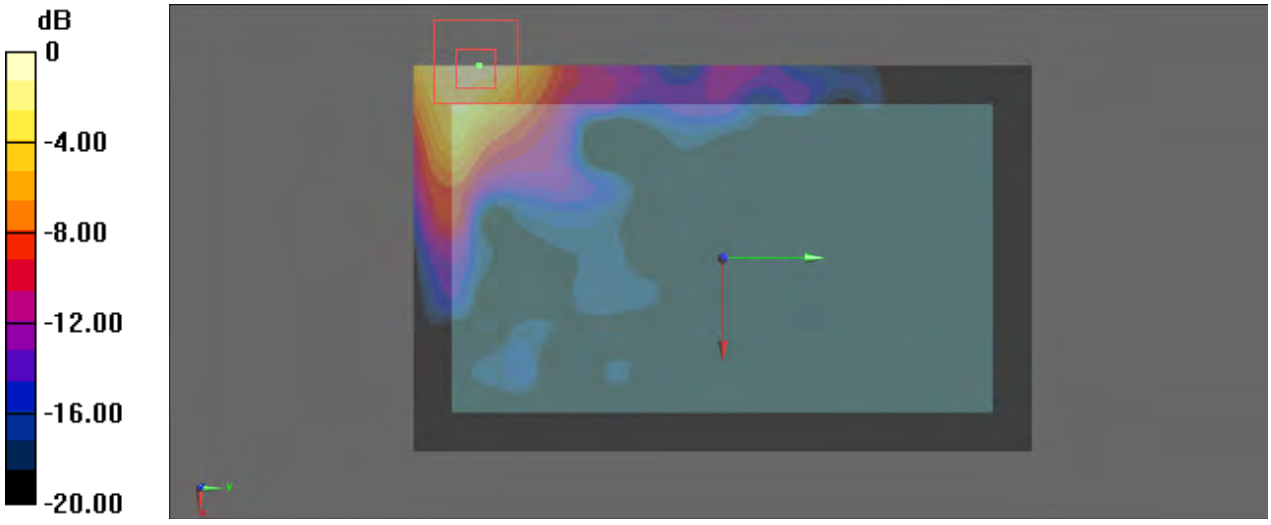
Communication System: WLAN 5GHz_802.11ac ; Frequency: 5290 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5290 MHz; σ = 5.44 S/m; ε_r = 47.585; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH58/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Configuration/CH58/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.175 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-14_WLAN5GHz_802.11ac-VHT80_MCS0_front_0cm_CH106;Ant B

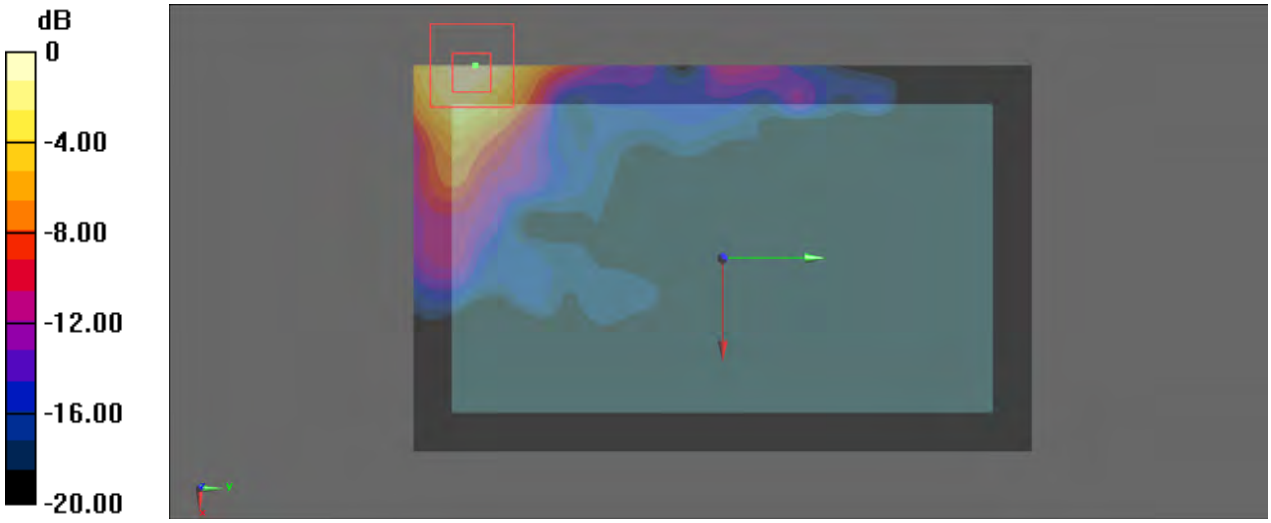
Communication System: WLAN 5GHz_802.11ac ; Frequency: 5530 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5530 MHz; σ = 5.753 S/m; ε_r = 47.192; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH106/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Configuration/CH106/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.866 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-15_WLAN5GHz_802.11n-HT40_MCS0_front_0cm_CH46;Ant B

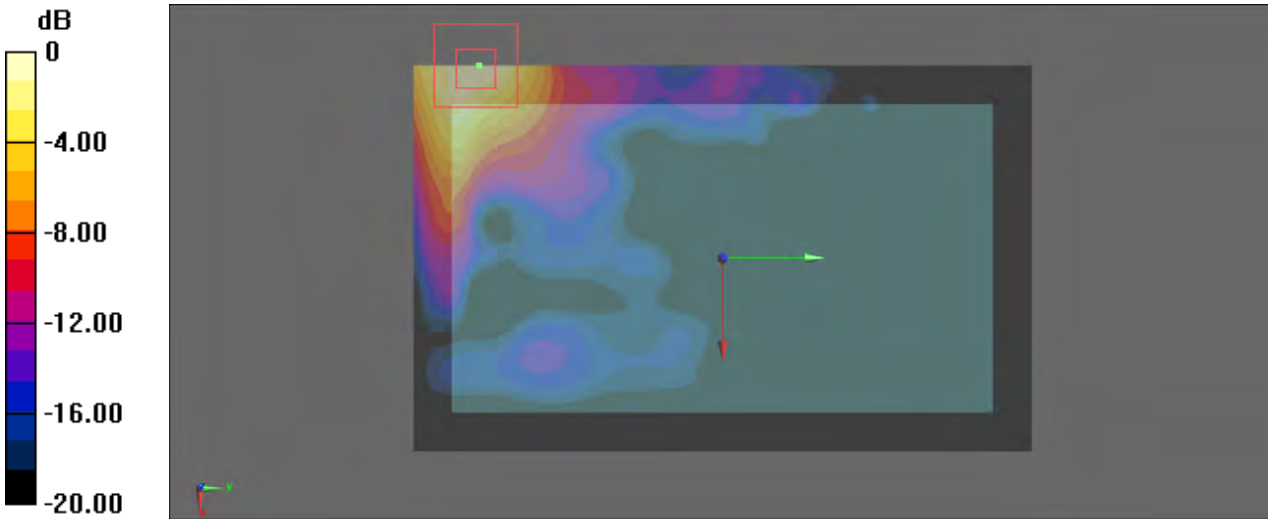
Communication System: WLAN 5GHz_802.11n ; Frequency: 5230 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5230 MHz; σ = 5.342 S/m; ε_r = 47.63; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH46/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.80 W/kg

Configuration/CH46/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.104 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-16_WLAN5GHz_802.11a_6Mbps_front_0cm_CH165;Ant B

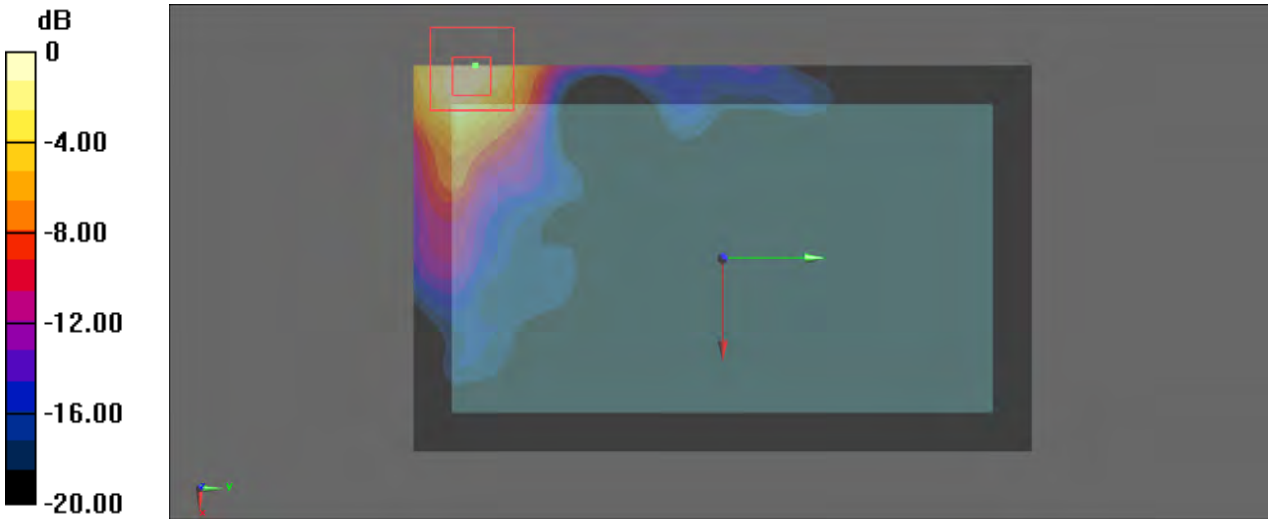
Communication System: WLAN 5GHz_802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5825 MHz; σ = 6.146 S/m; ε_r = 46.742; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.15, 4.15, 4.15); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH165/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.15 W/kg

Configuration/CH165/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.845 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 6.23 W/kg
SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 3.40 W/kg



0 dB = 3.40 W/kg = 5.31 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-17_WLAN5GHz_802.11a_6Mbps_front_0cm_CH116;Ant B

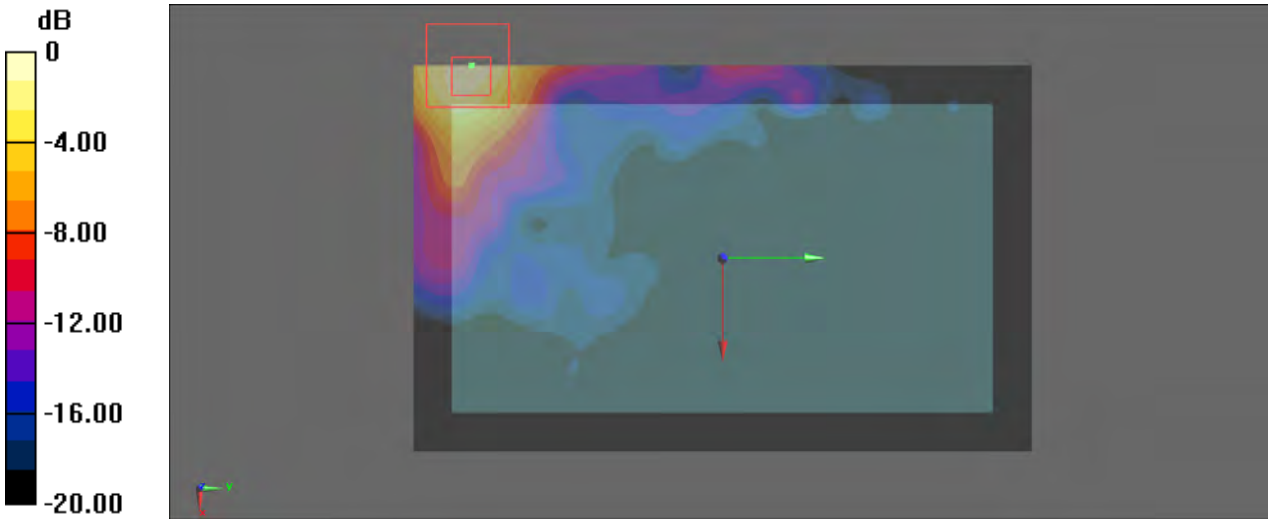
Communication System: WLAN 5GHz_802.11a ; Frequency: 5580 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5580 MHz; σ = 5.812 S/m; ε_r = 47.142; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(3.91, 3.91, 3.91); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH116/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.56 W/kg

Configuration/CH116/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.500 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 5.19 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 2.82 W/kg



0 dB = 2.82 W/kg = 4.50 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-18_WLAN5GHz_802.11a_6Mbps_front_0cm_CH60;Ant B

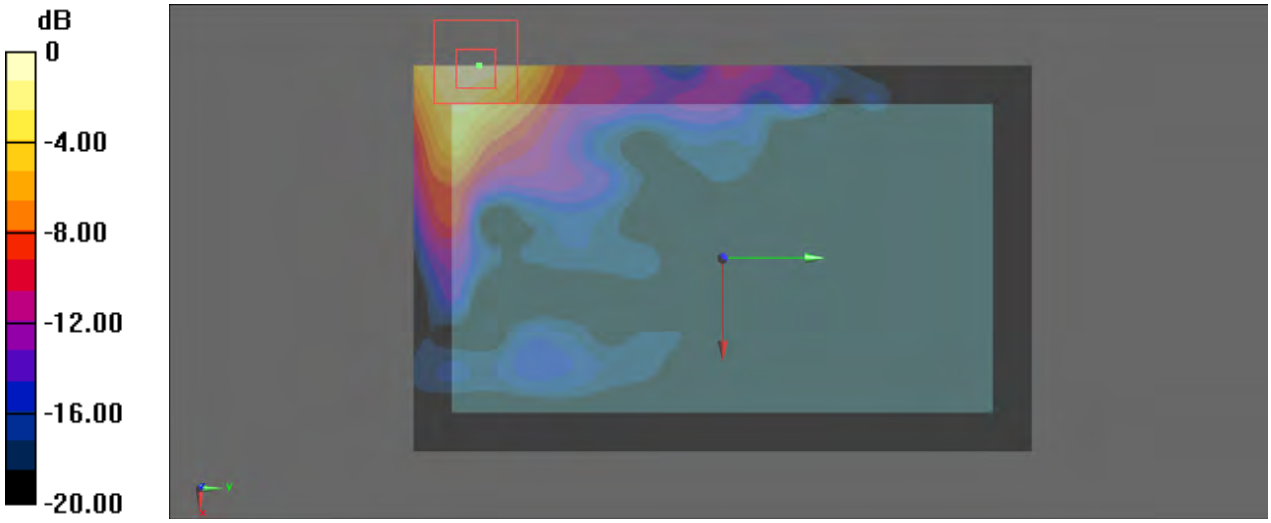
Communication System: WLAN 5GHz_802.11a ; Frequency: 5300 MHz ; Duty Cycle: 1:1
Medium: MSL_5G; Medium parameters used: f = 5300 MHz; σ = 5.454 S/m; ε_r = 47.581; ρ = 1000 kg/m^3

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH60/Area Scan (101x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.48 W/kg

Configuration/CH60/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.481 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 4.50 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.400 W/kg
Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

Test Laboratory :Sporton International Inc. SAR Testing Lab Date: 2014/03/27

P-19_WLAN2.4GHz_802.11b_1Mbps_front_0cm_CH6;Ant B

Communication System: WLAN 2.4GHz_802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1
Medium: MSL_2.4G; Medium parameters used: f = 2437 MHz; σ = 1.904 S/m; ε_r = 51.229; ρ = 1000 kg/m^3

DASY5 Configuration:

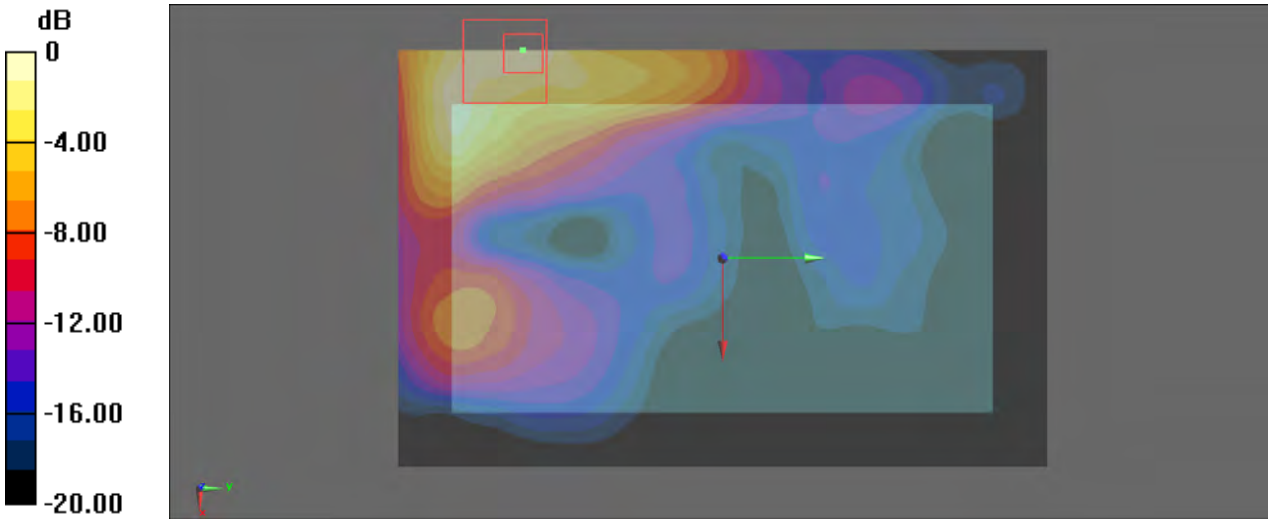
- Probe: EX3DV4 - SN3958; ConvF(7.6, 7.6, 7.6); Calibrated: 2013/12/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 right; Type: QDOVA001BB; Serial: TP:1232
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

Configuration/CH6/Area Scan (91x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.294 W/kg

Configuration/CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.272 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.299 W/kg



0 dB = 0.299 W/kg = -5.24 dBW/kg