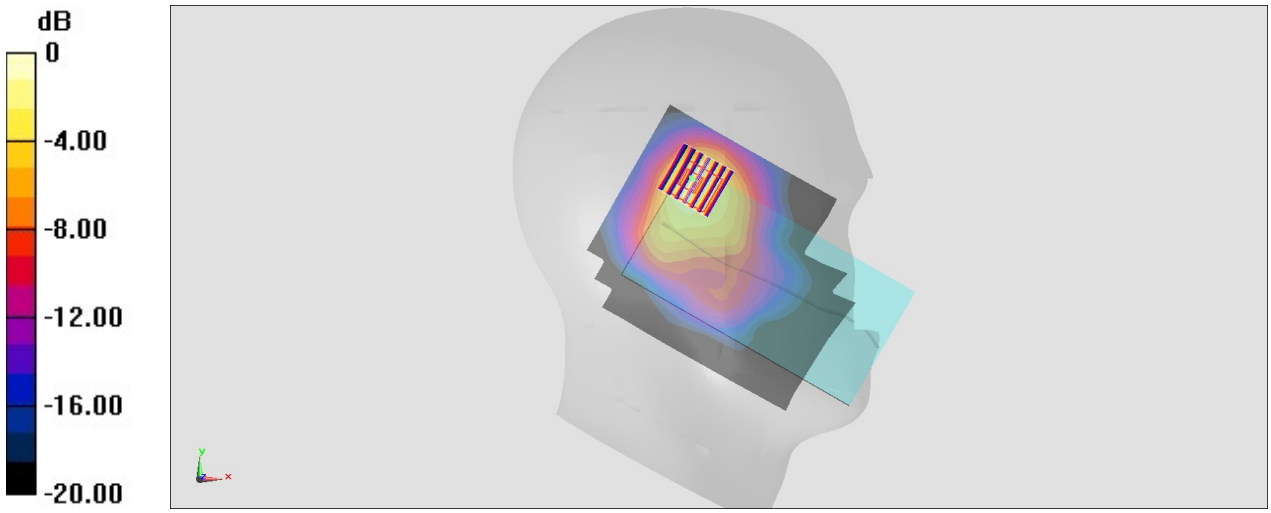
#01_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_0mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_221031 Medium parameters used : f = 2437 MHz; σ = 1.782 S/m; ε_r = 39.58; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.54, 7.54, 7.54) @ 2437 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- Phantom: Twin-SAM V5.0 (30deg probe tilt)_Right; Type: QD 000 P40 CD; Serial: TP-1479
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.774 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.12 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.940 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.237 W/kg
Maximum value of SAR (measured) = 0.733 W/kg



0 dB = 0.733 W/kg = -1.35 dBW/kg

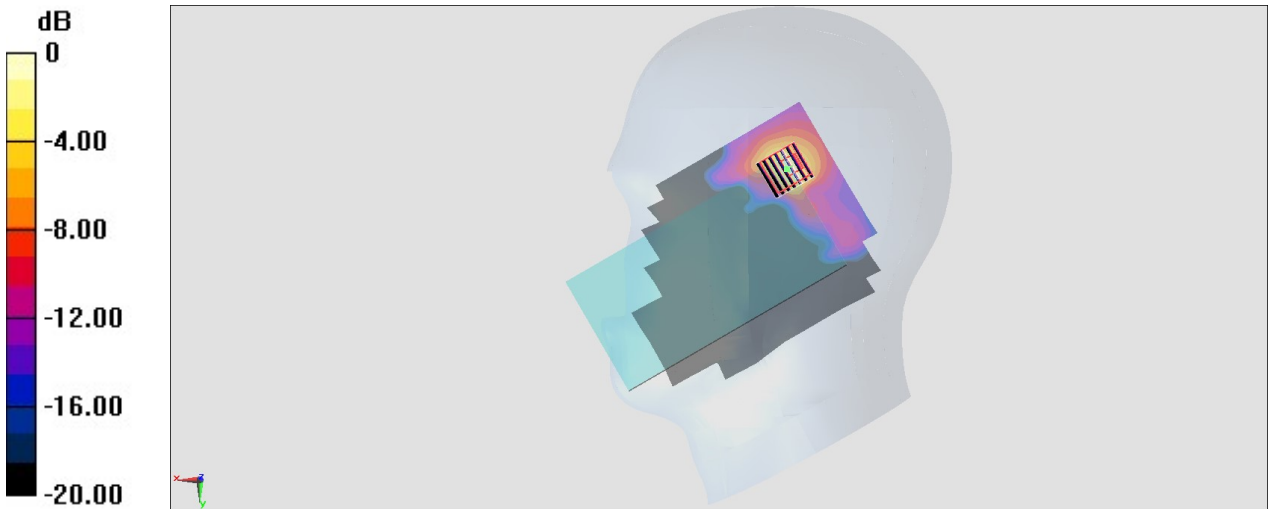
#02_WLAN5GHz_802.11n-HT40 MCS0_Right Cheek_0mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.040
Medium: HSL_5G_221031 Medium parameters used: f = 5270 MHz; σ = 4.798 S/m; ε_r = 36.506; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5270 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (121x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.82 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.67 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.256 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 66.6%
Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

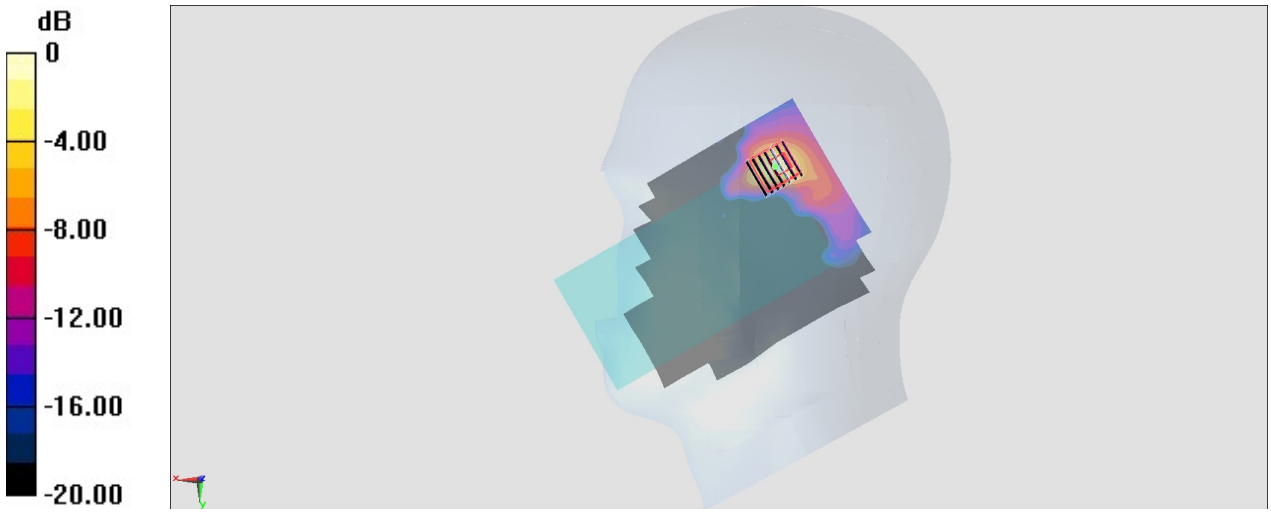
#03_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_0mm_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz;Duty Cycle: 1:1.081
Medium: HSL_5G_221031 Medium parameters used: f = 5610 MHz; σ = 5.117 S/m; ε_r = 35.956; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(4.66, 4.66, 4.66) @ 5610 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (121x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.72 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 4.02 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.278 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 65%
Maximum value of SAR (measured) = 2.51 W/kg

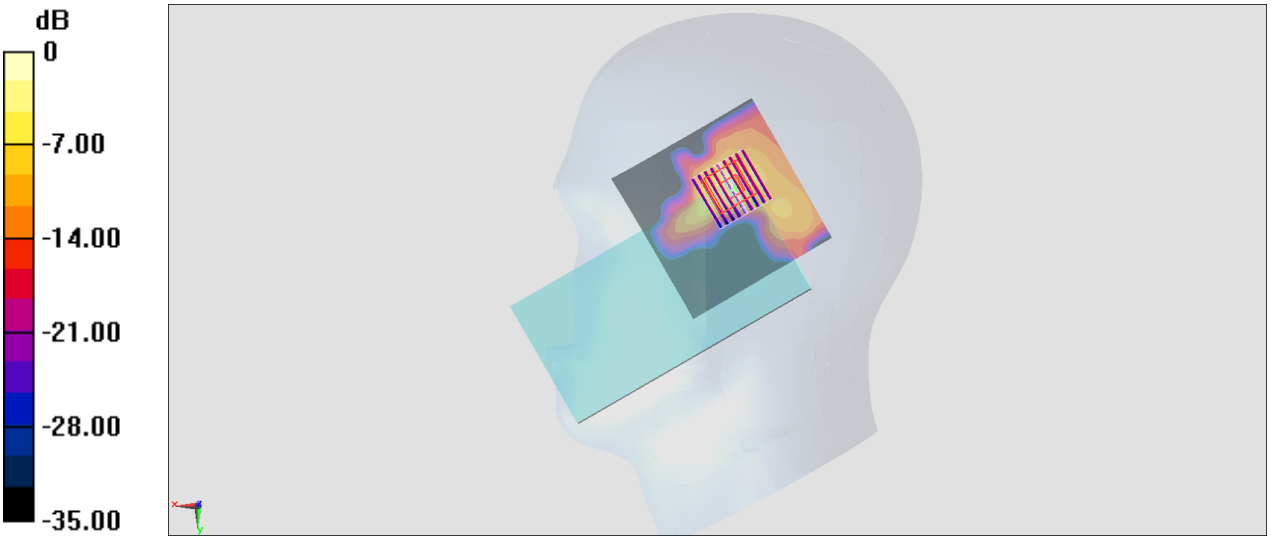


0 dB = 2.51 W/kg = 4.00 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.081
Medium: HSL_5G_221110 Medium parameters used: f = 5775 MHz; σ = 5.123 S/m; ε_r = 35.385; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15) @ 5775 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.67 W/kg
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.61 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.92 W/kg
SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 1.76 W/kg

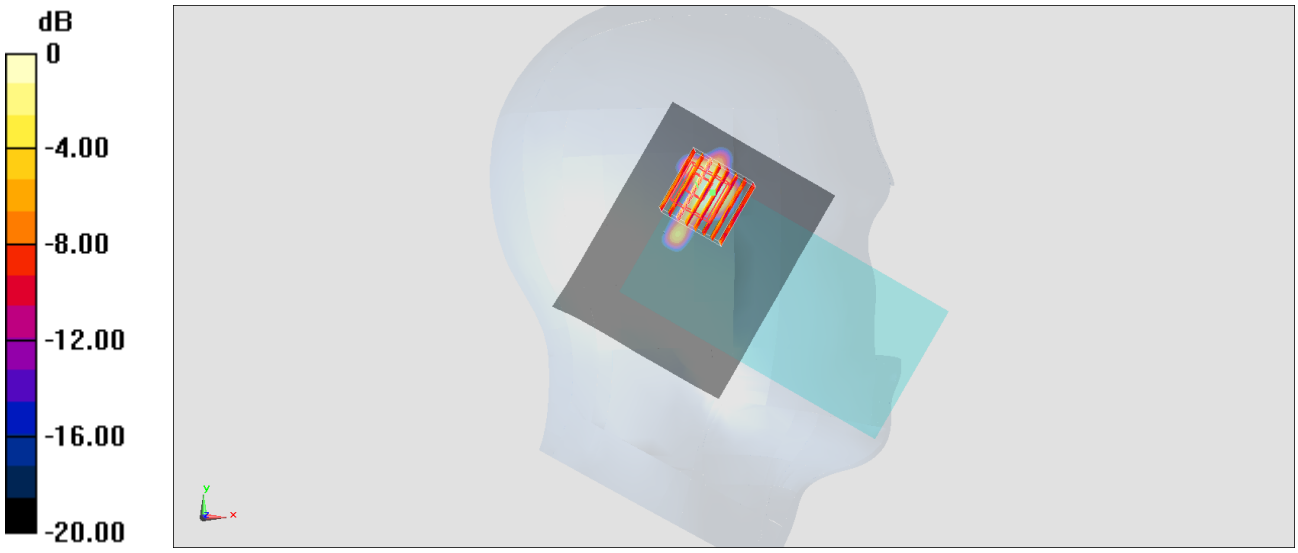


0 dB = 1.76 W/kg = 2.46 dBW/kg

#05_Bluetooth_1Mbps_Left Cheek_0mm_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.295
Medium: HSL_2450_221110 Medium parameters used: f = 2480 MHz; σ = 1.858 S/m; ε_r = 39.008; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.2, 8.2, 8.2) @ 2480 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0404 W/kg
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.122 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0250 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00619 W/kg
Maximum value of SAR (measured) = 0.0191 W/kg



0 dB = 0.0191 W/kg = -17.19 dBW/kg

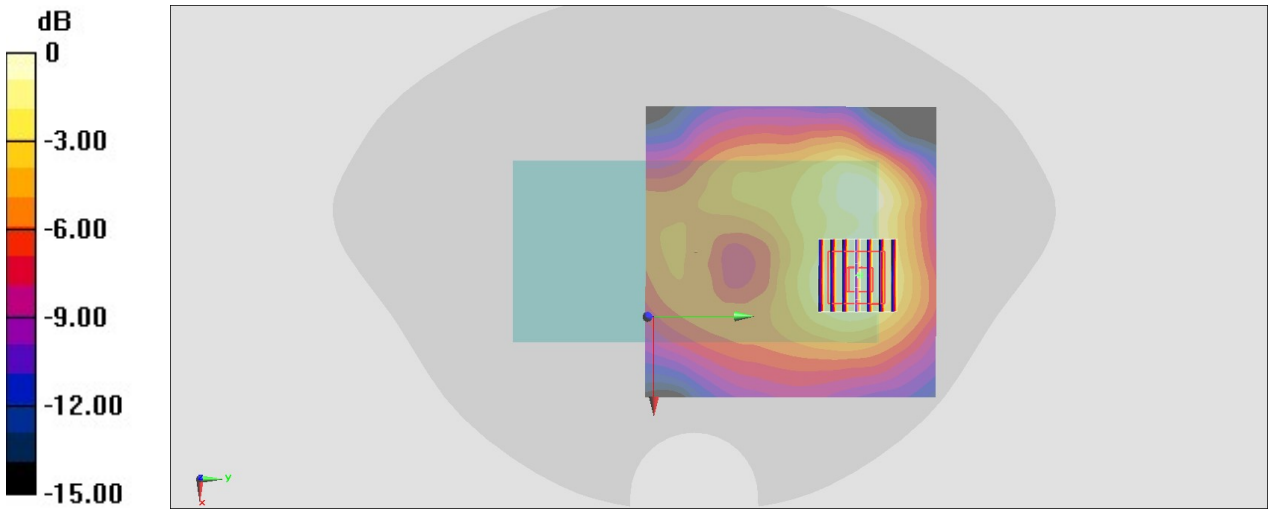
#06_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_221031 Medium parameters used : f = 2437 MHz; σ = 1.782 S/m; ε_r = 39.58; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.54, 7.54, 7.54) @ 2437 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- Phantom: Twin-SAM V5.0 (30deg probe tilt)_Right; Type: QD 000 P40 CD; Serial: TP-1479
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.139 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.506 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.136 W/kg



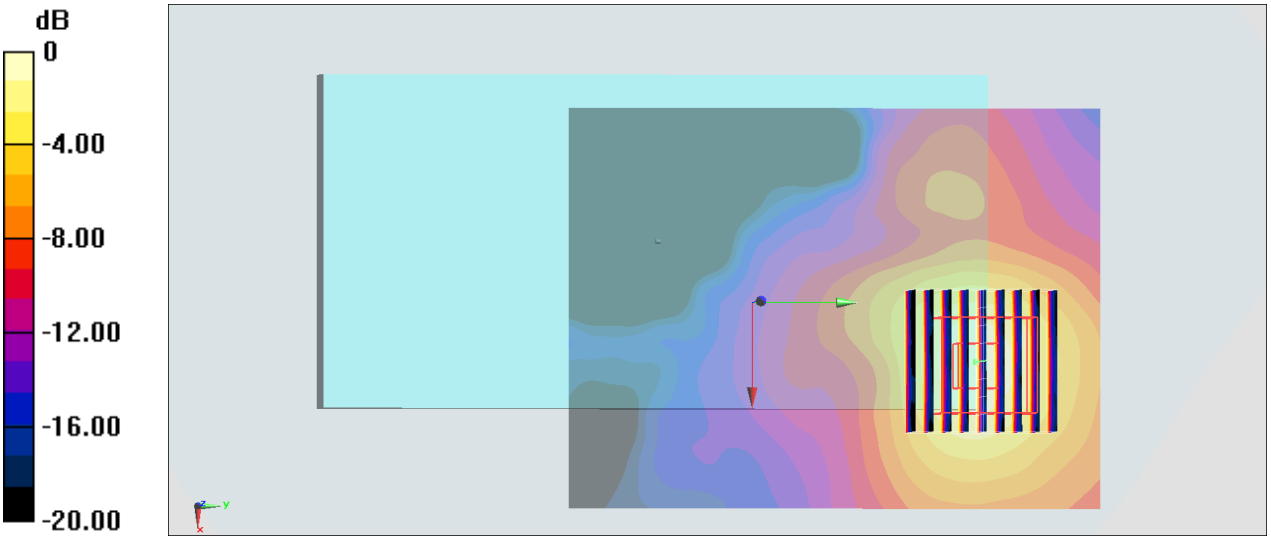
0 dB = 0.136 W/kg = -8.66 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/10

#07_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.040
Medium: HSL_5G_221110 Medium parameters used: f = 5270 MHz; σ = 4.616 S/m; ε_r = 36.075; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.71, 5.71, 5.71) @ 5270 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.832 W/kg
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.71 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.848 W/kg



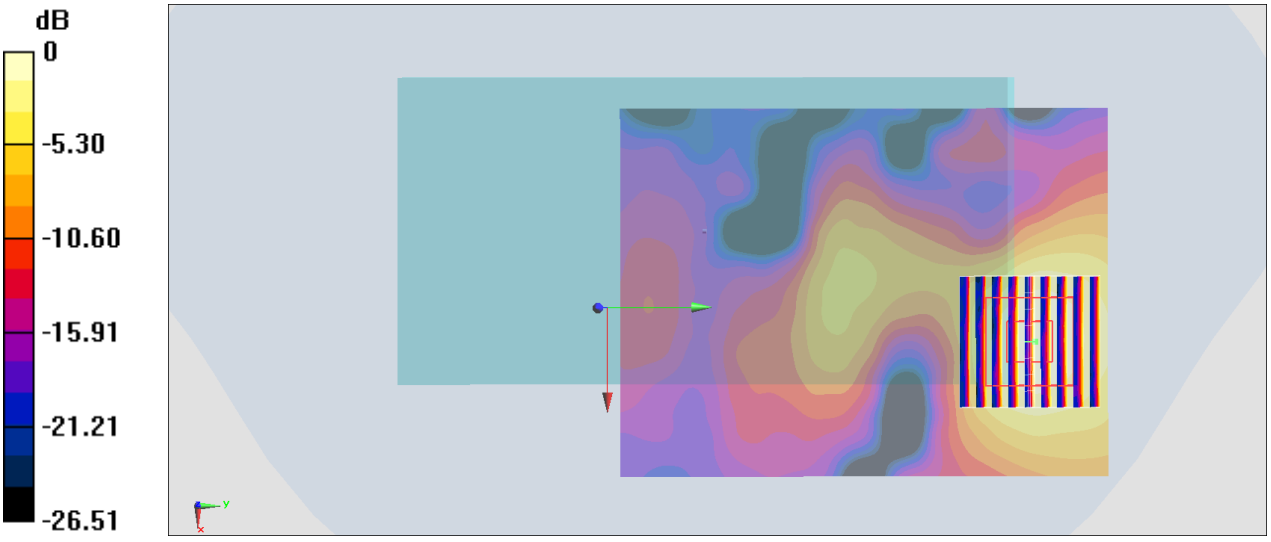
0 dB = 0.848 W/kg = -0.72 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/10

#08_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz;Duty Cycle: 1:1.081
Medium: HSL_5G_221110 Medium parameters used : f = 5610 MHz; σ = 4.953 S/m; ε_r = 35.626; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.03, 5.03, 5.03) @ 5610 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.40 W/kg
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.68 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



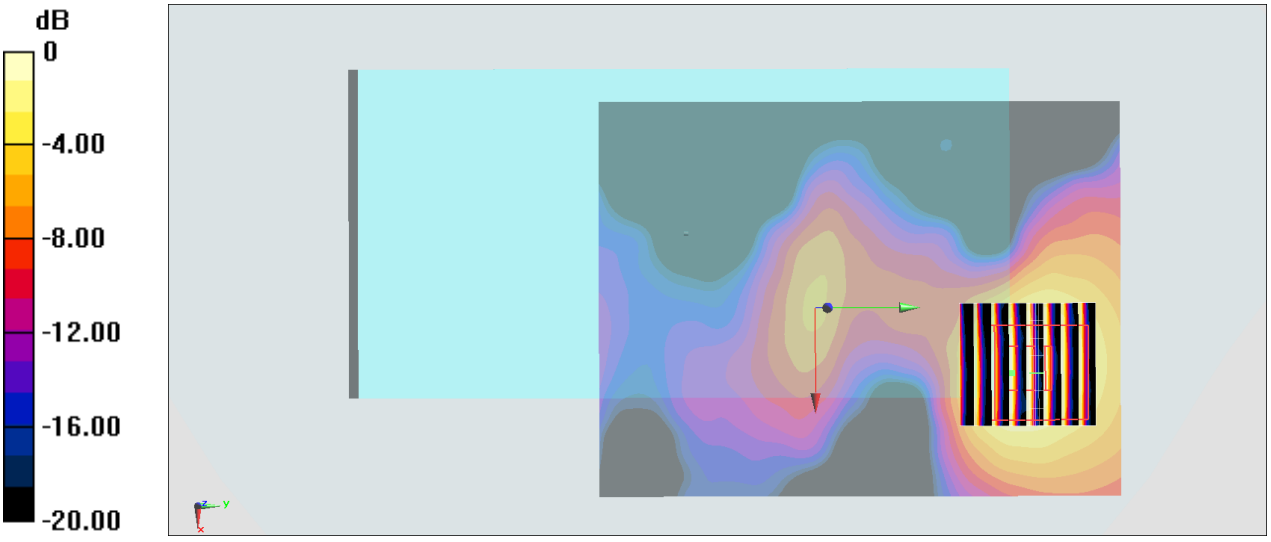
0 dB = 1.25 W/kg = 0.97 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/10

#09_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.081
Medium: HSL_5G_221110 Medium parameters used: f = 5775 MHz; σ = 5.123 S/m; ε_r = 35.385; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15) @ 5775 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.24 W/kg
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.86 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



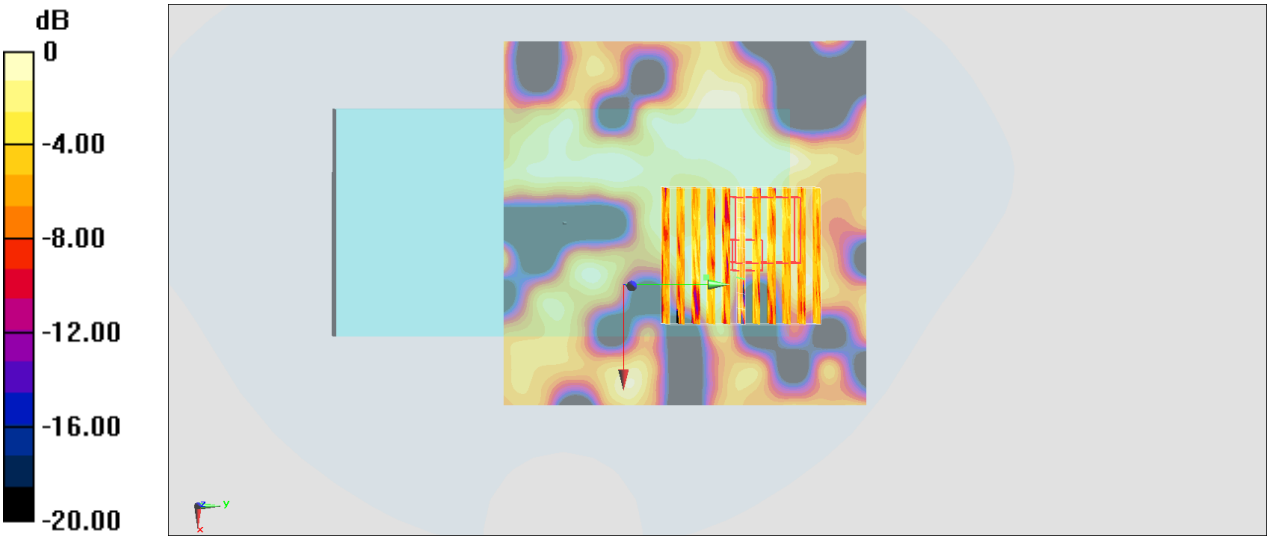
0 dB = 1.18 W/kg = 0.72 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/10

#10_Bluetooth_1Mbps_Back_15mm_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.295
Medium: HSL_2450_221110 Medium parameters used: f = 2480 MHz; σ = 1.858 S/m; ε_r = 39.008; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.2, 8.2, 8.2) @ 2480 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00964 W/kg
Zoom Scan (10x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.6780 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.00917 W/kg
SAR(1 g) = 0.00313 W/kg; SAR(10 g) = 0.00222 W/kg
Maximum value of SAR (measured) = 0.00577 W/kg



0 dB = 0.00577 W/kg = -22.39 dBW/kg

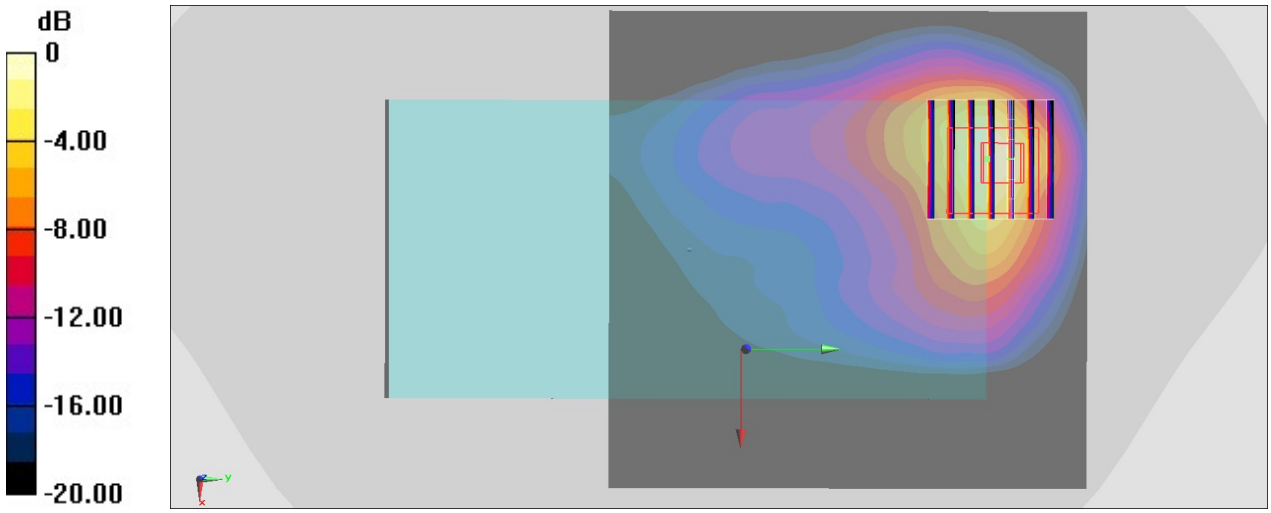
#11_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_221031 Medium parameters used: f = 2412 MHz; σ = 1.748 S/m; ε_r = 39.595; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.54, 7.54, 7.54) @ 2412 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- Phantom: Twin-SAM V5.0 (30deg probe tilt)_Right; Type: QD 000 P40 CD; Serial: TP-1479
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.74 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.71 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.599 W/kg
Maximum value of SAR (measured) = 2.58 W/kg



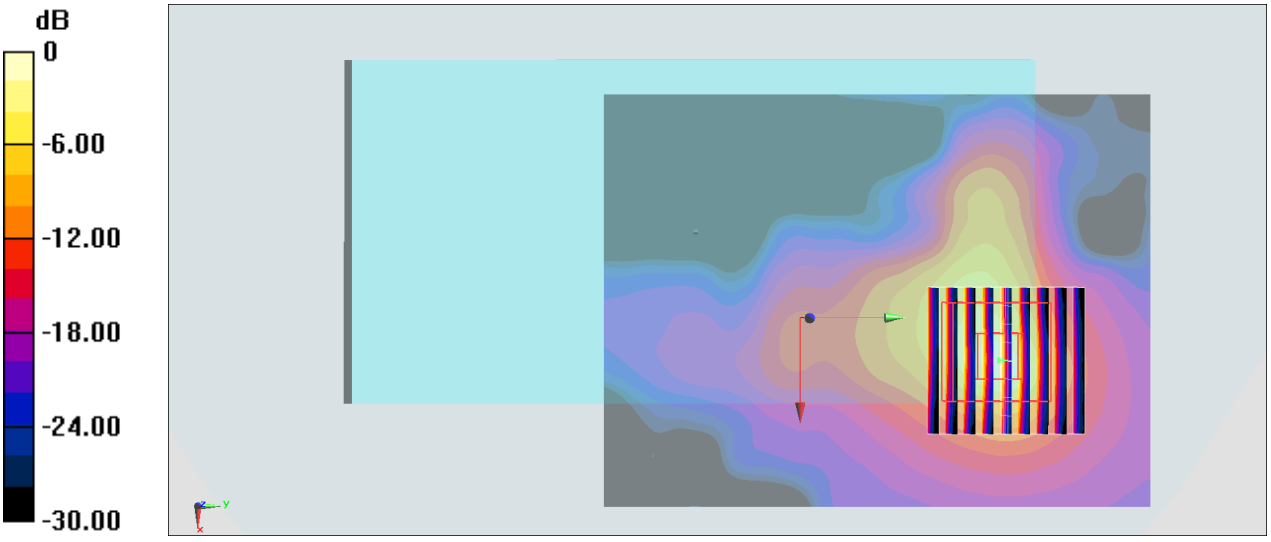
0 dB = 2.58 W/kg = 4.12 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/10

#12_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.040
Medium: HSL_5G_221110 Medium parameters used: f = 5270 MHz; σ = 4.616 S/m; ε_r = 36.075; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.71, 5.71, 5.71) @ 5270 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 7.77 W/kg
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 41.48 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 3.53 W/kg; SAR(10 g) = 0.940 W/kg
Maximum value of SAR (measured) = 9.31 W/kg



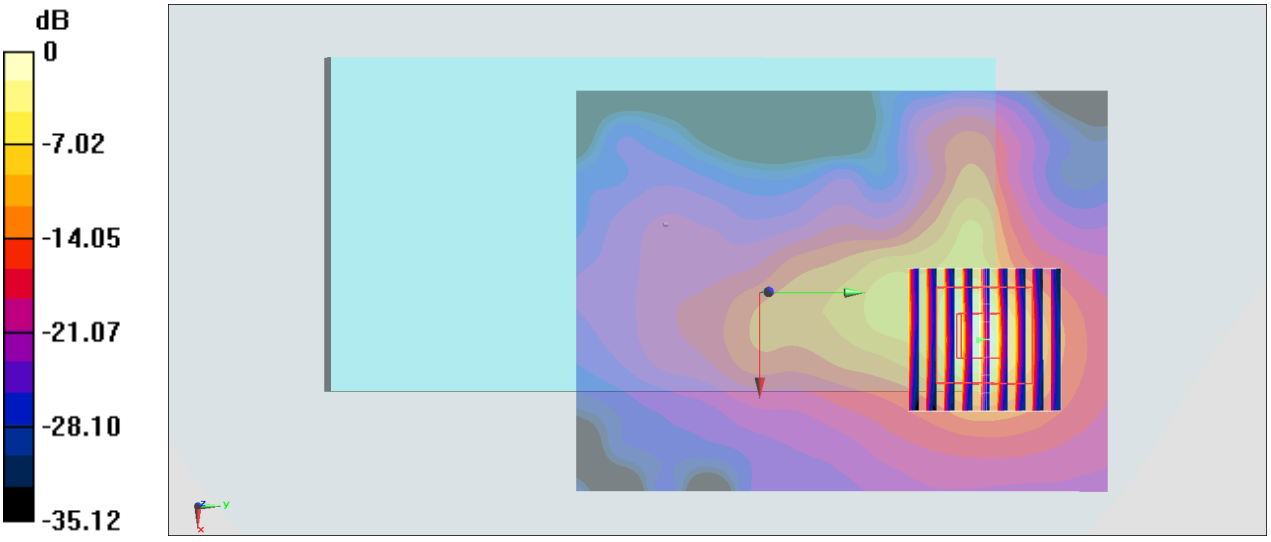
0 dB = 9.31 W/kg = 9.69 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/10

#13_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz;Duty Cycle: 1:1.081
Medium: HSL_5G_221110 Medium parameters used : f = 5610 MHz; σ = 4.953 S/m; ε_r = 35.626; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.03, 5.03, 5.03) @ 5610 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 12.5 W/kg
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.27 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 26.6 W/kg
SAR(1 g) = 5.44 W/kg; SAR(10 g) = 1.32 W/kg
Maximum value of SAR (measured) = 15.7 W/kg

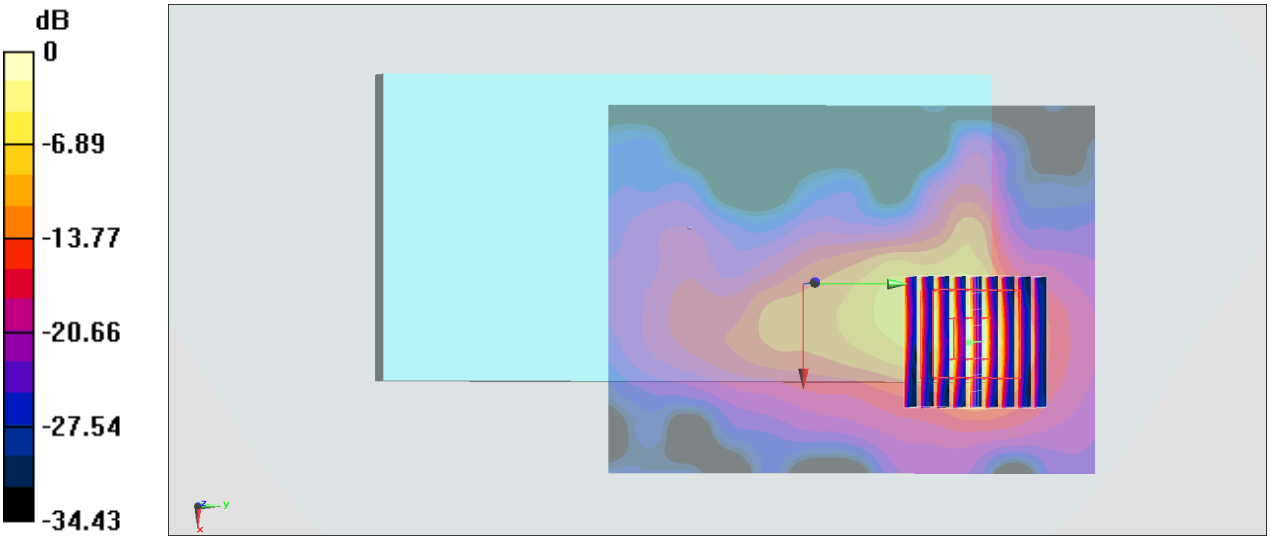


0 dB = 15.7 W/kg = 11.96 dBW/kg

#14_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.081
Medium: HSL_5G_221110 Medium parameters used: f = 5775 MHz; σ = 5.123 S/m; ε_r = 35.385; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15) @ 5775 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.0 W/kg
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.97 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 21.6 W/kg
SAR(1 g) = 4.02 W/kg; SAR(10 g) = 0.941 W/kg
Maximum value of SAR (measured) = 12.3 W/kg

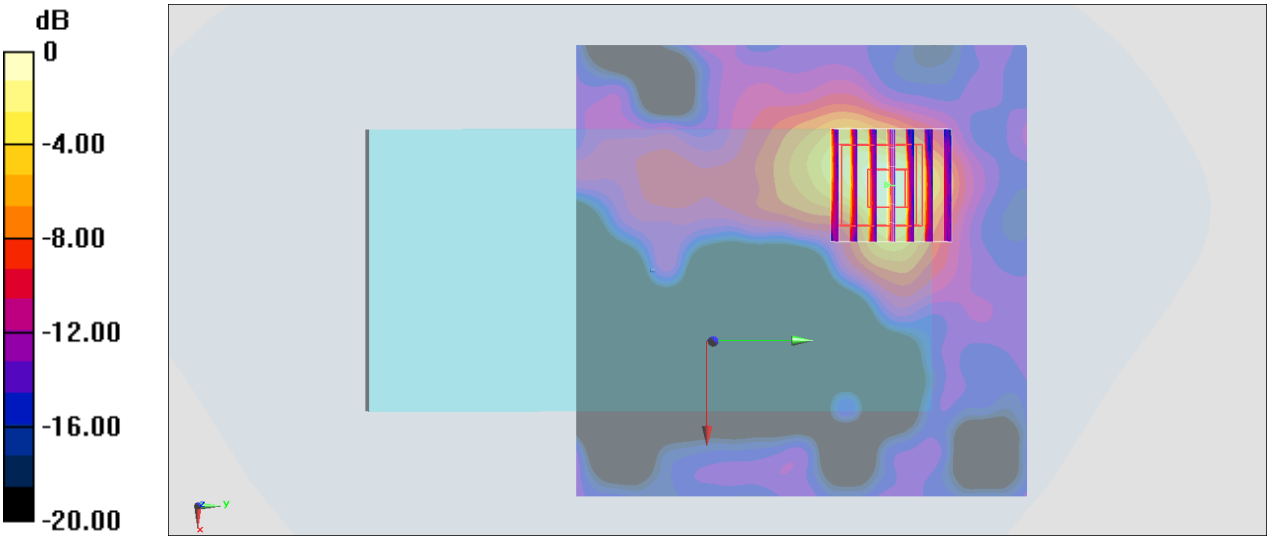


0 dB = 12.3 W/kg = 10.90 dBW/kg

#15_Bluetooth_1Mbps_Back_0mm_Ch78

Communication System:Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.295
Medium: HSL_2450_221110 Medium parameters used: f = 2480 MHz; σ = 1.858 S/m; ε_r = 39.008; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.2, 8.2, 8.2) @ 2480 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0539 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.623 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.0770 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0531 W/kg



0 dB = 0.0531 W/kg = -12.75 dBW/kg