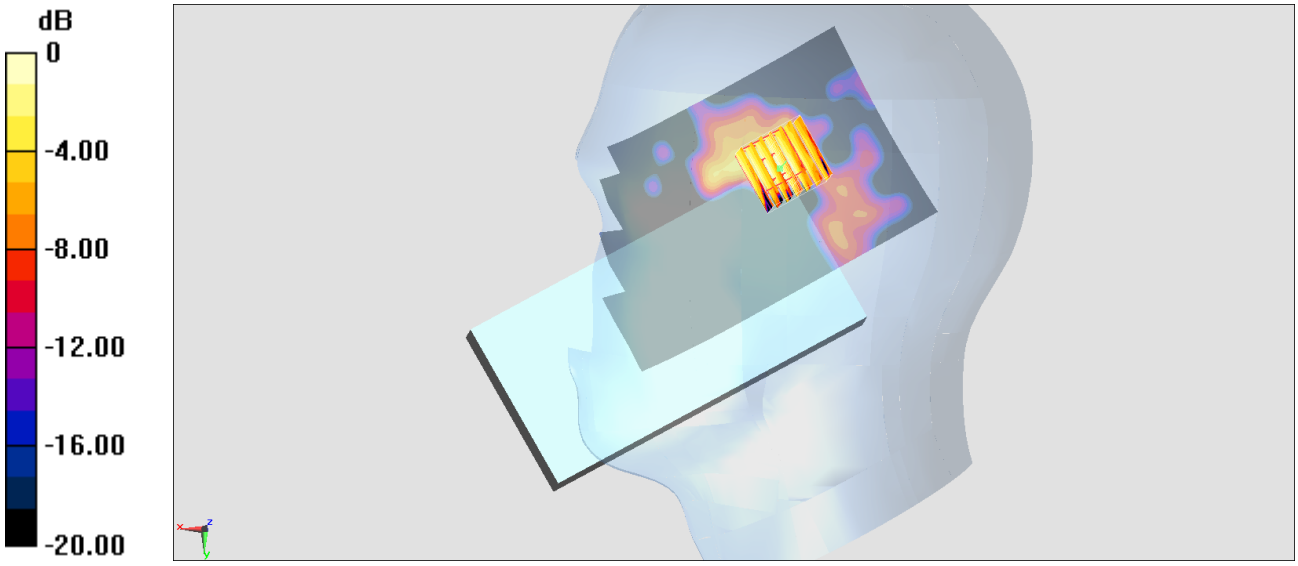
#01_WLAN 2.4GHz_802.11b 1Mbps_Right Cheek_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_210119 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 39.023; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(4.52, 4.52, 4.52) @ 2412 MHz;Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0343 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.116 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0310 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00857 W/kg
Maximum value of SAR (measured) = 0.0230 W/kg



0 dB = 0.0343 W/kg = -14.65 dBW/kg

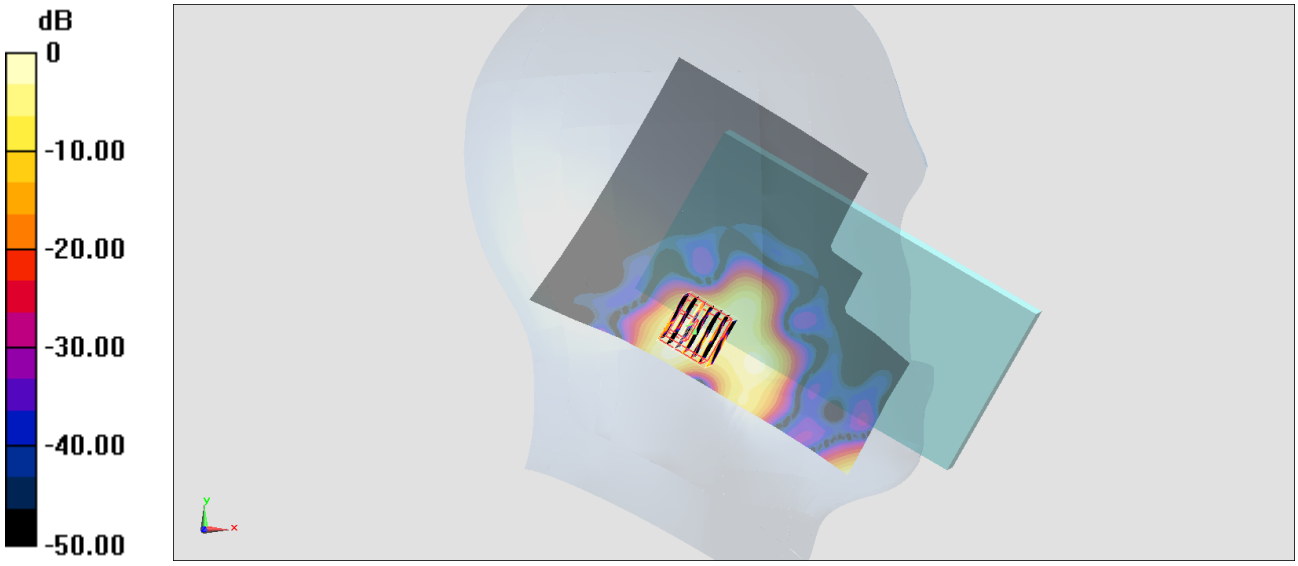
#02_WLAN 5GHz_802.11a 6Mbps_Left Cheek_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.099
Medium: HSL_5G_210118 Medium parameters used: f = 5260 MHz; σ = 4.688 S/m; ε_r = 36.902; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(5.38, 5.38, 5.38) @ 5260 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0529 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.9010 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00431 W/kg
Maximum value of SAR (measured) = 0.0381 W/kg



0 dB = 0.0529 W/kg = -12.77 dBW/kg

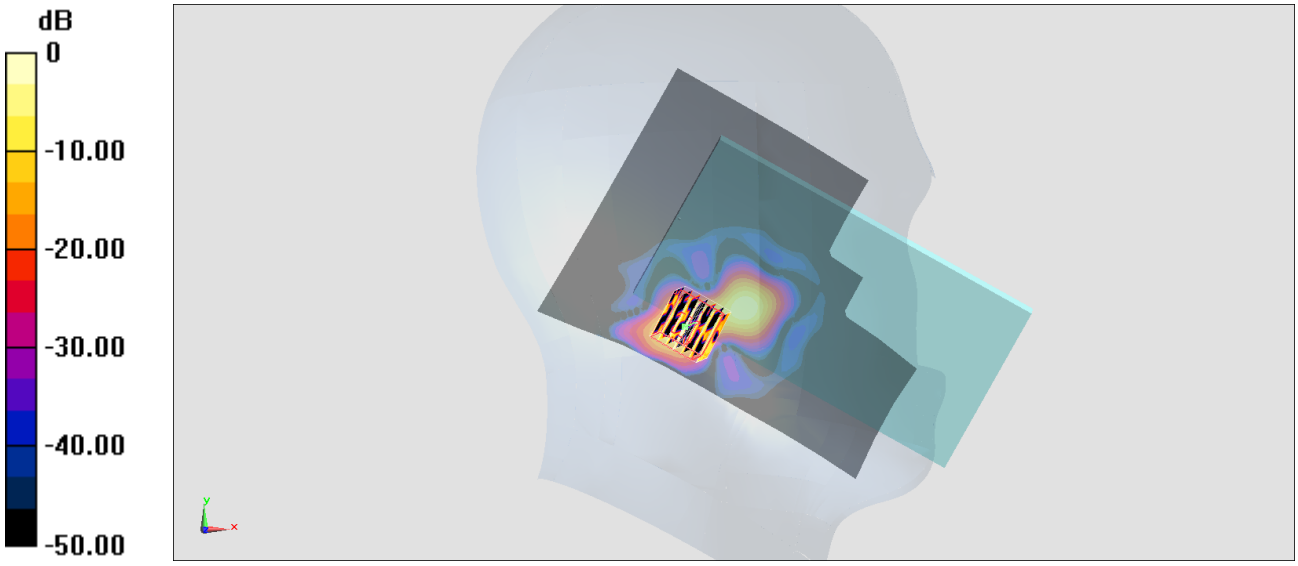
#03_WLAN 5GHz_802.11n-HT40 MCS0_Left Cheek_Ch102

Communication System: 802.11n ; Frequency: 5510 MHz;Duty Cycle: 1:1.102
Medium: HSL_5G_210118 Medium parameters used: f = 5510 MHz; σ = 4.934 S/m; ε_r = 36.563; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(4.79, 4.79, 4.79) @ 5510 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0388 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.2100 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.144 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00463 W/kg
Maximum value of SAR (measured) = 0.0355 W/kg



0 dB = 0.0388 W/kg = -14.11 dBW/kg

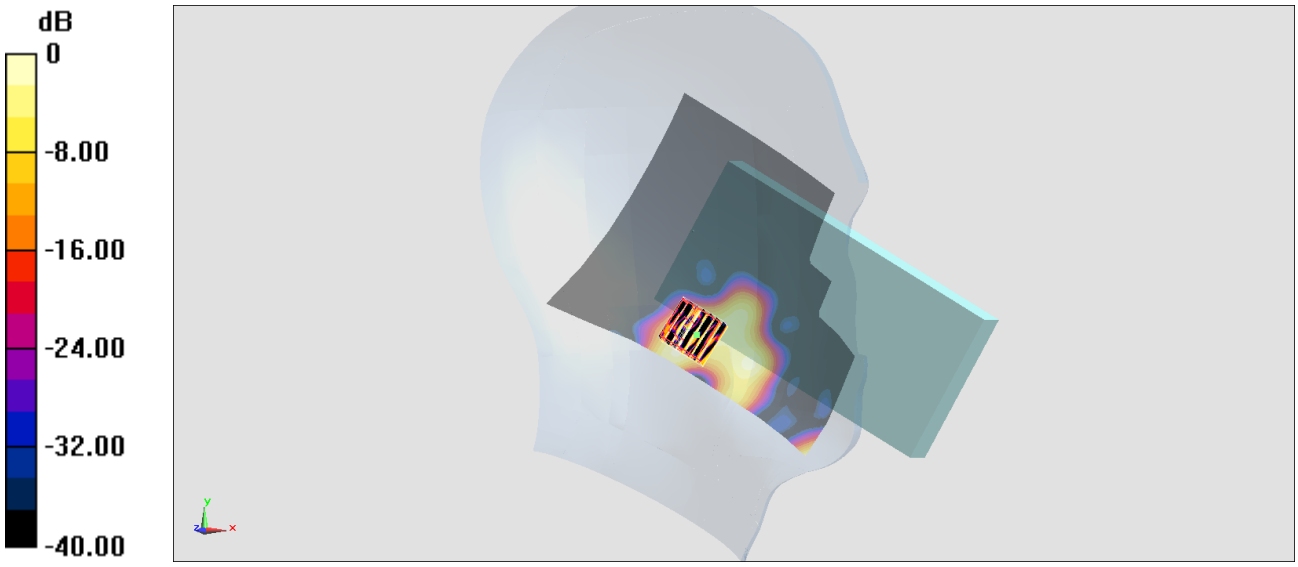
#04_WLAN 5GHz_802.11a 6Mbps_Left Cheek_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.099
Medium: HSL_5G_210118 Medium parameters used: f = 5785 MHz; σ = 5.227 S/m; ε_r = 36.192; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(4.84, 4.84, 4.84) @ 5785 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0630 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.9540 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00515 W/kg
Maximum value of SAR (measured) = 0.0453 W/kg



0 dB = 0.0630 W/kg = -12.01 dBW/kg

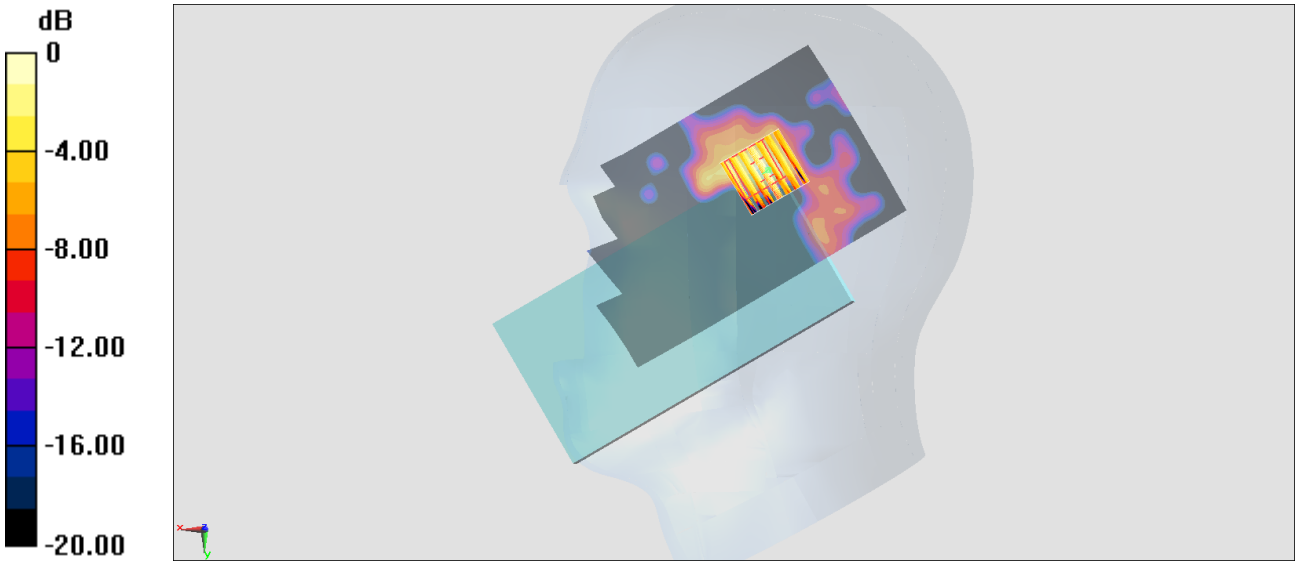
#05_Bluetooth_1Mbps_Right Cheek_Ch0

Communication System: Bluetooth ; Frequency: 2402 MHz;Duty Cycle: 1:1.302
Medium: HSL_2450_210119 Medium parameters used: f = 2402 MHz; σ = 1.766 S/m; ε_r = 39.064; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(4.52, 4.52, 4.52) @ 2402 MHz;Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0340 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.114 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0310 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00849 W/kg
Maximum value of SAR (measured) = 0.0228 W/kg



0 dB = 0.0340 W/kg = -14.69 dBW/kg

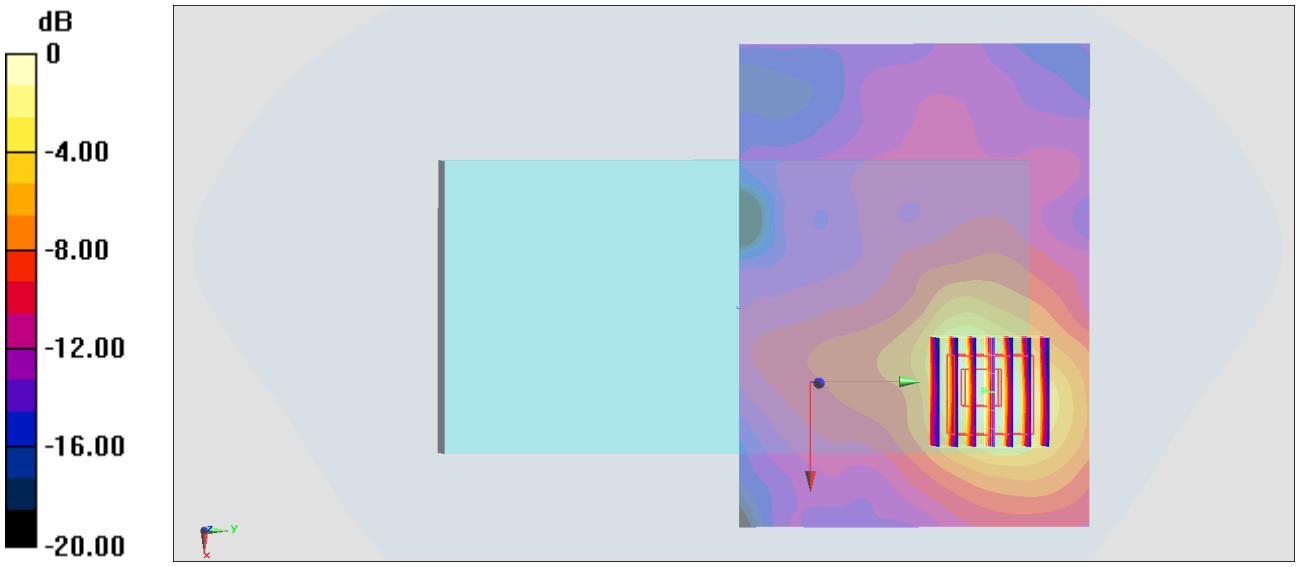
#06_WLAN 2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System:802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_210119 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 39.023; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(4.52, 4.52, 4.52) @ 2412 MHz;Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (111x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0543 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.240 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0620 W/kg



0 dB = 0.0543 W/kg = -12.65 dBW/kg

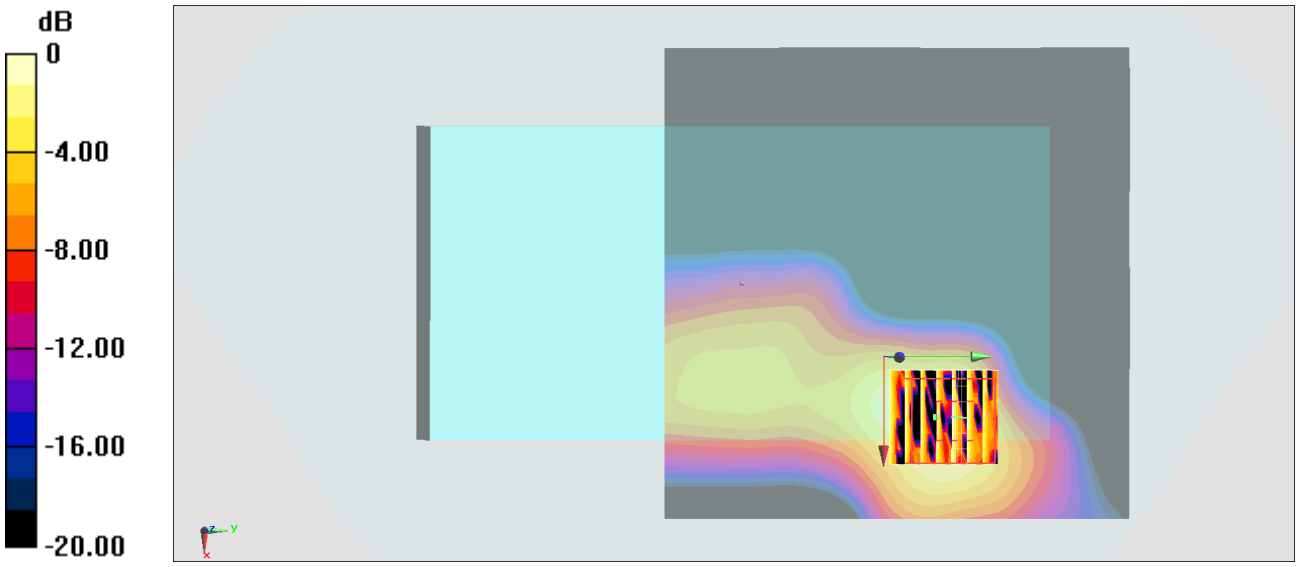
#07_WLAN 5GHz_802.11a 6Mbps_Back_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.099
Medium: HSL_5G_210118 Medium parameters used: f = 5300 MHz; σ = 4.725 S/m; ε_r = 36.846; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(5.38, 5.38, 5.38) @ 5300 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.157 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

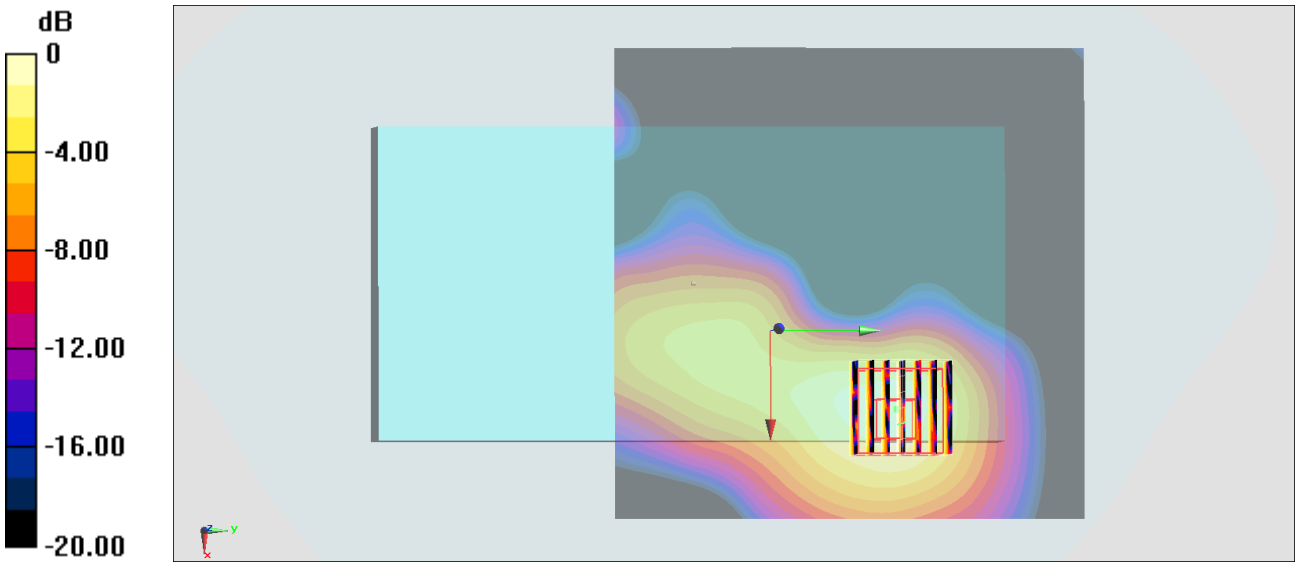
#08_WLAN 5GHz_802.11n-HT40 MCS0_Back_10mm_Ch102

Communication System:802.11n ; Frequency: 5510 MHz;Duty Cycle: 1:1.102
Medium: HSL_5G_210118 Medium parameters used: f = 5510 MHz; σ = 4.934 S/m; ε_r = 36.563; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(4.79, 4.79, 4.79) @ 5510 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.231 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.4340 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

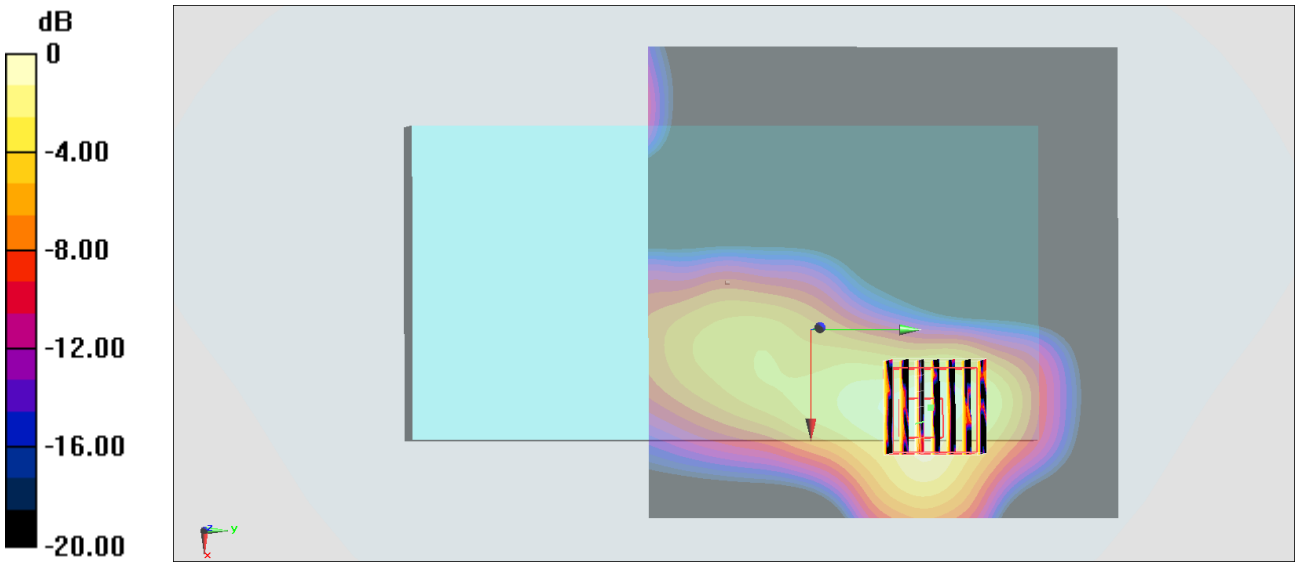
#09_WLAN 5GHz_802.11a 6Mbps_Back_10mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.099
Medium: HSL_5G_210118 Medium parameters used: f = 5785 MHz; σ = 5.227 S/m; ε_r = 36.192; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(4.84, 4.84, 4.84) @ 5785 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.237 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.050 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.237 W/kg = -6.25 dBW/kg

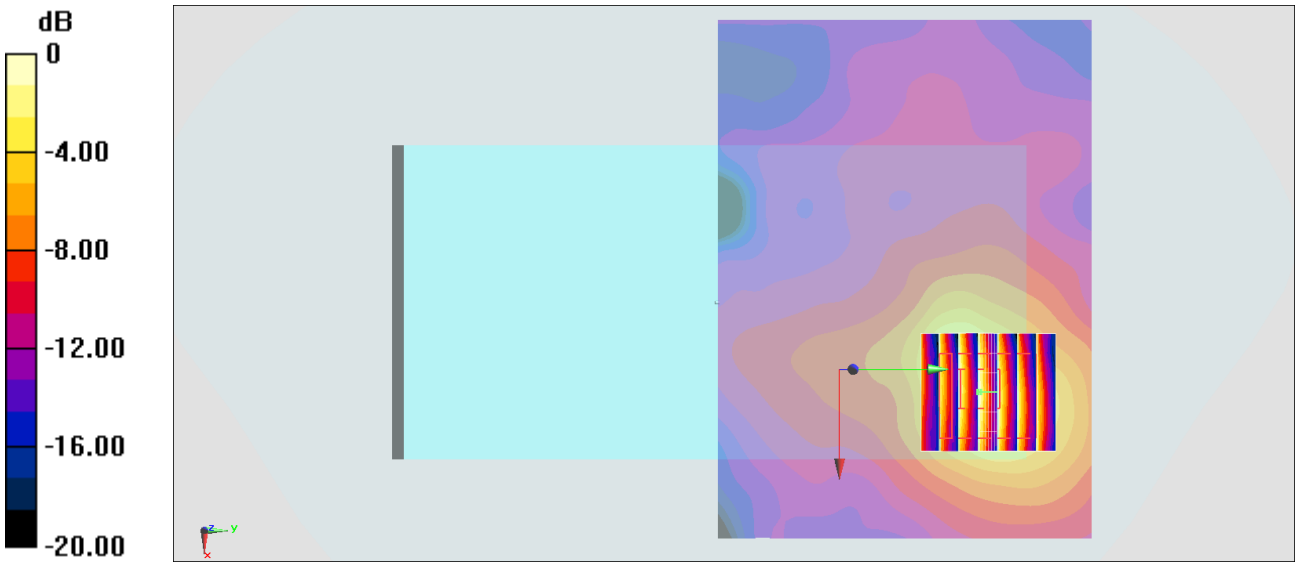
#10_Bluetooth_1Mbps_Back_10mm_Ch0

Communication System: Bluetooth ; Frequency: 2402 MHz;Duty Cycle: 1:1.302
Medium: HSL_2450_210119 Medium parameters used: f = 2402 MHz; σ = 1.766 S/m; ε_r = 39.064; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(4.52, 4.52, 4.52) @ 2402 MHz;Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (111x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0538 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.238 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0615 W/kg



0 dB = 0.0538 W/kg = -12.69 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/1/19

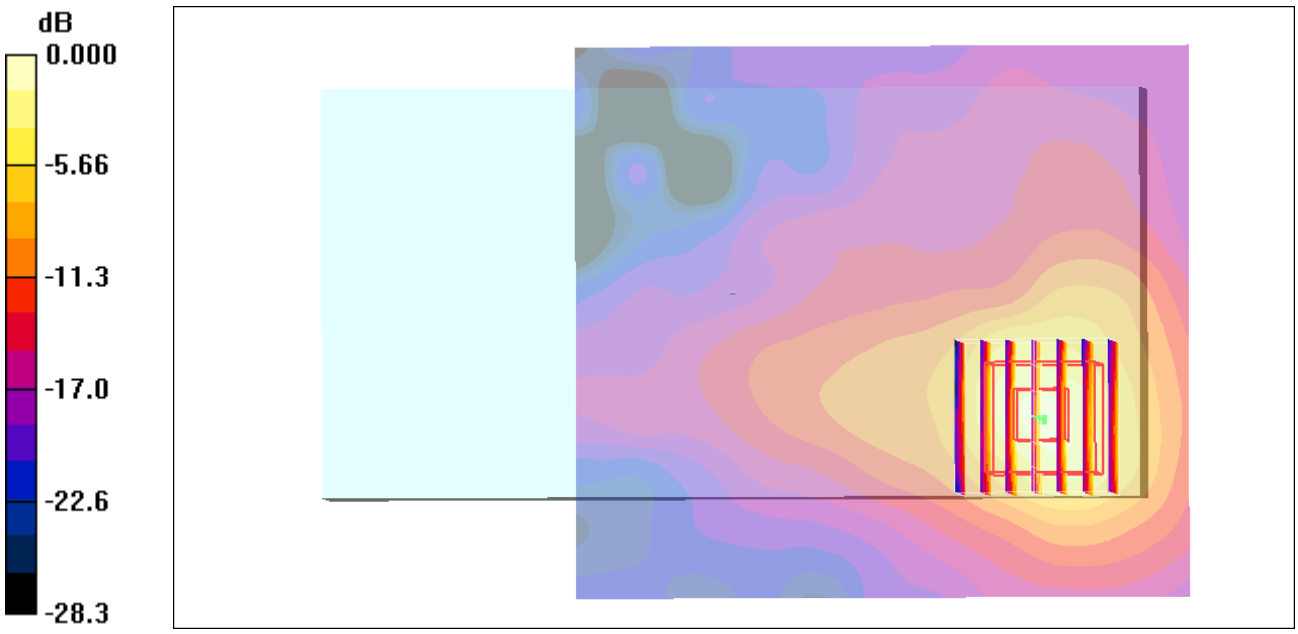
#11_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_210119 Medium parameters used: f = 2412 MHz; σ = 1.777 mho/m; = 39.023; ρ ε_r= 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.52, 4.52, 4.52); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.108 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.28 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.145mW/g

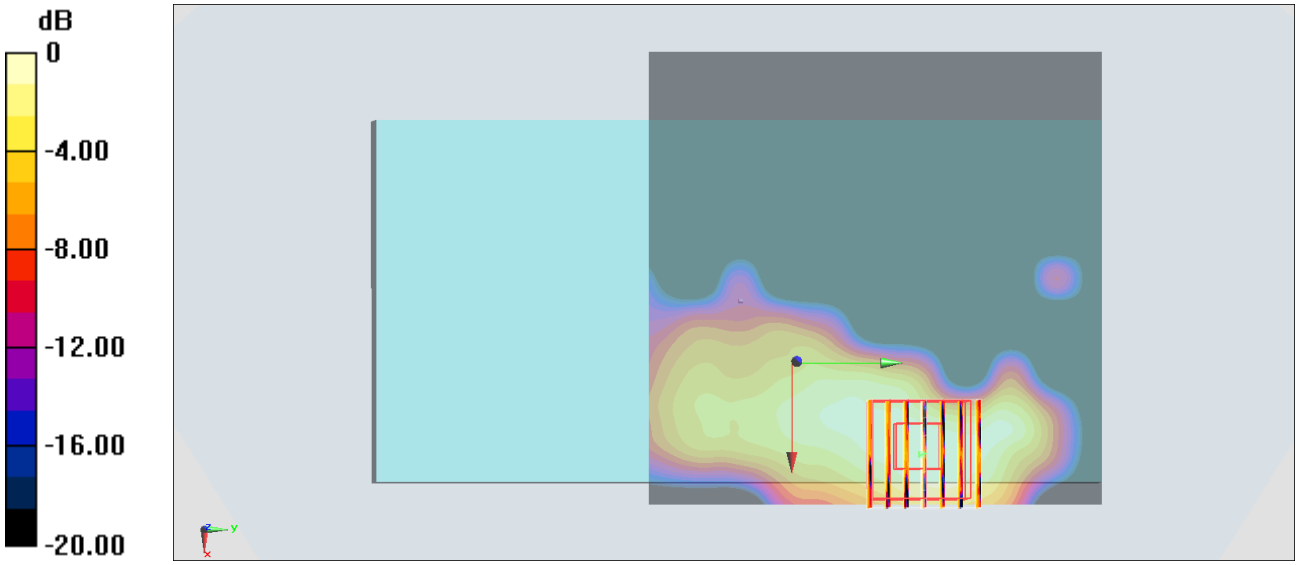
#12_WLAN 5GHz_802.11a 6Mbps_Back_0mm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1.099
Medium: HSL_5G_210118 Medium parameters used : f = 5300 MHz; σ = 4.725 S/m; ε_r = 36.846; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(5.38, 5.38, 5.38) @ 5300 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.217 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.6970 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

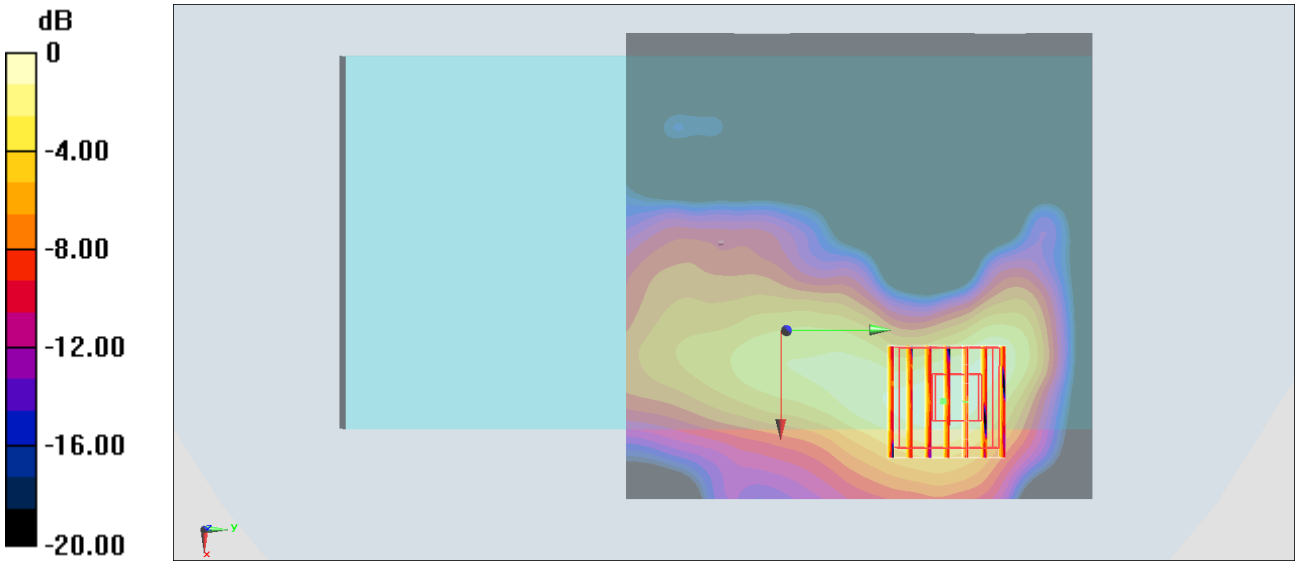
#13_WLAN 5GHz_802.11n-HT40 MCS0_Back_0mm_Ch102

Communication System: 802.11n; Frequency: 5510 MHz;Duty Cycle: 1:1.102
Medium: HSL_5G_210118 Medium parameters used: f = 5510 MHz; σ = 4.934 S/m; ε_r = 36.563; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(4.79, 4.79, 4.79) @ 5510 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.553 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.176 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.553 W/kg = -2.57 dBW/kg

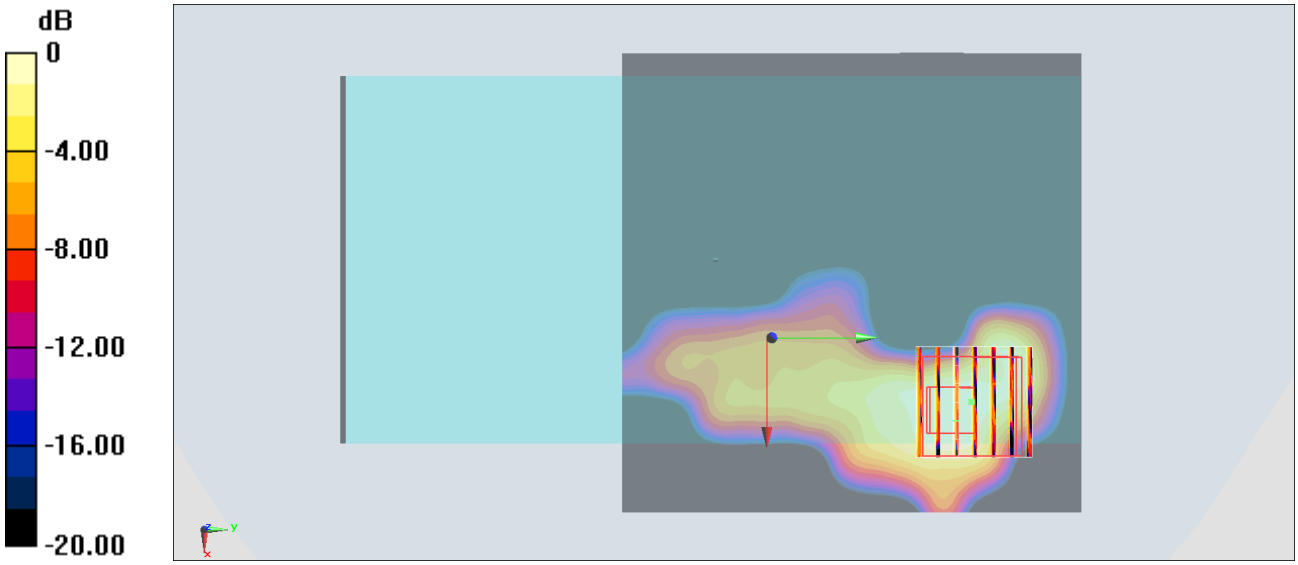
#14_WLAN 5GHz_802.11a 6Mbps_Back_0mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1.099
Medium: HSL_5G_210118 Medium parameters used : f = 5785 MHz; σ = 5.227 S/m; ε_r = 36.192; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(4.84, 4.84, 4.84) @ 5785 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.514 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

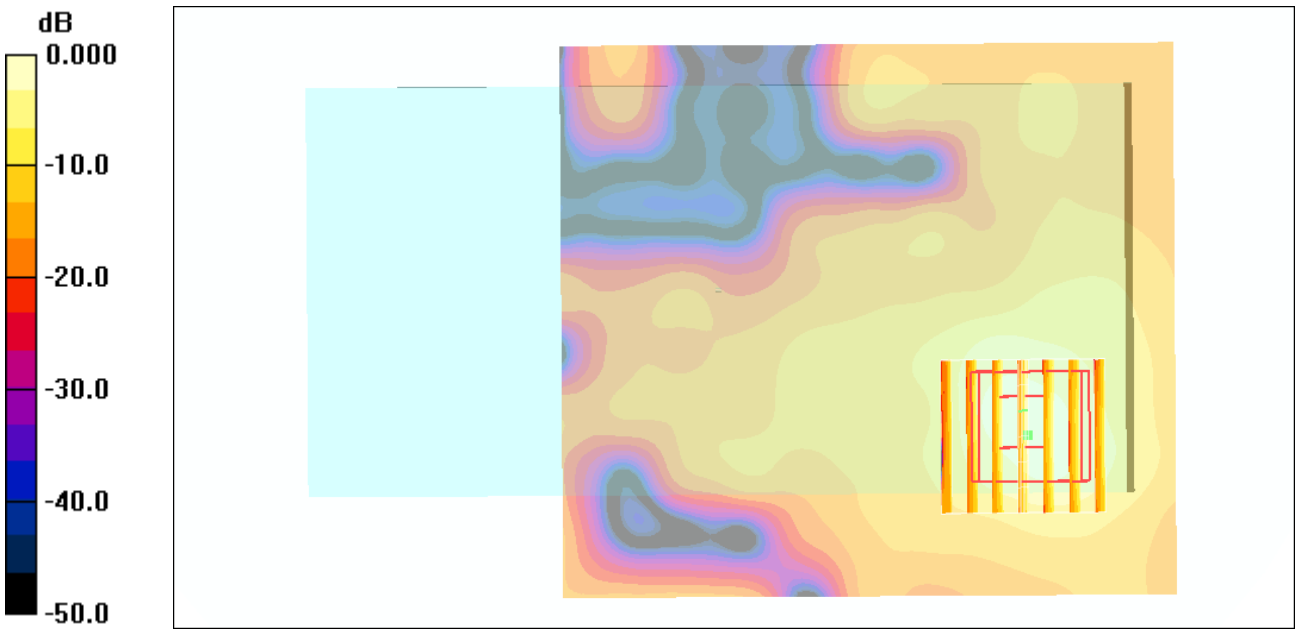
#15_Bluetooth_1Mbps_Back_0mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.302
Medium: HSL_2450_210119 Medium parameters used: f = 2402 MHz; σ = 1.766 mho/m; = 39.064; ρ
ε_r = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.52, 4.52, 4.52); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.033 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.671 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.045mW/g