Date: 2024-05-29

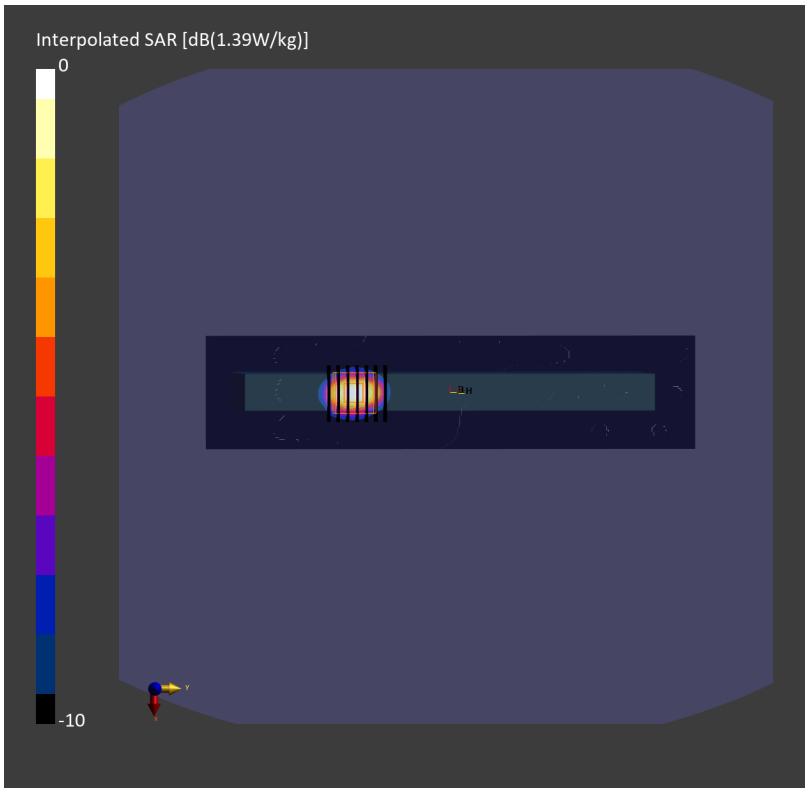
#01_WLAN2.4GHz_802.11b 1Mbps_Edge 2_0mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2412.000 MHz
Medium: HSL_2450_240529 Medium parameters used: f= 2412.000 MHz; σ= 1.79 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.83, 7.83, 7.83); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (60.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.967 W/kg; SAR (10g) = 0.370 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.11 dB
SAR (1g) = 0.955 W/kg; SAR (8g) = 0.413 W/kg; SAR (10g) = 0.364 W/kg
Smallest distance from peaks to all points 3 dB below = 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 74.3 %



Date: 2024-05-30

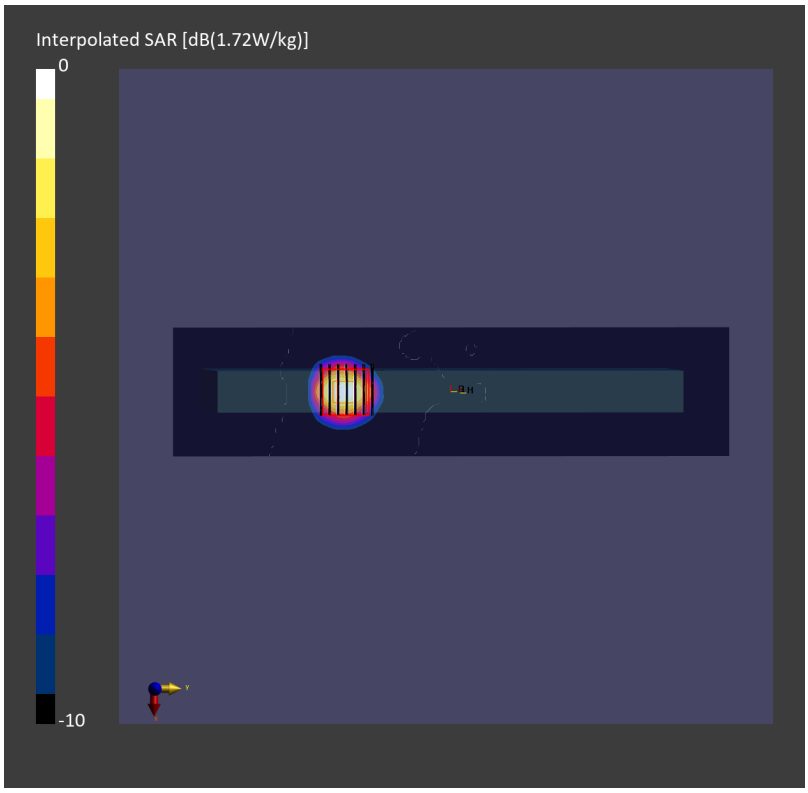
#02_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch42

Communication System: IEEE 802.11ac WiFi; Frequency: 5210.000 MHz
Medium: HSL_5G_240530 Medium parameters used: f= 5210.000 MHz; σ= 4.63 S/m; ε_r = 36.6
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.17, 5.17, 5.17); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (60.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.13 W/kg; SAR (10g) = 0.363 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.01 dB
SAR (1g) = 1.17 W/kg; SAR (8g) = 0.437 W/kg; SAR (10g) = 0.379 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 66.2 %



Date: 2024-05-30

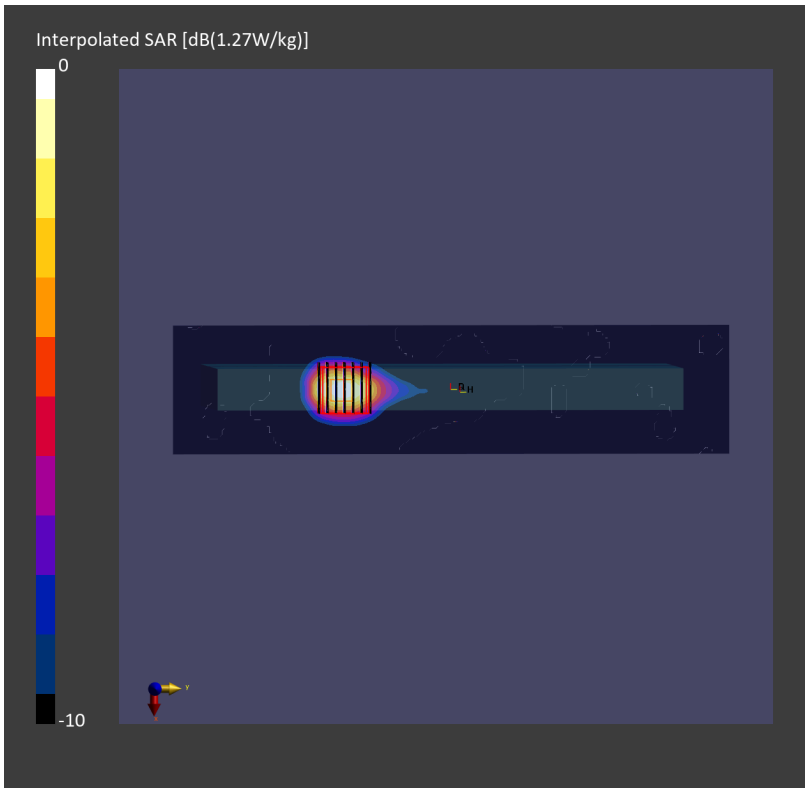
#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch122

Communication System: IEEE 802.11ac WiFi; Frequency: 5610.000 MHz
Medium: HSL_5G_240530 Medium parameters used: f= 5610.000 MHz; σ= 5.05 S/m; ε_r = 36.0
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (60.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.862 W/kg; SAR (10g) = 0.282 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.03 dB
SAR (1g) = 0.875 W/kg; SAR (8g) = 0.326 W/kg; SAR (10g) = 0.285 W/kg
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 62.5 %



Date: 2024-05-30

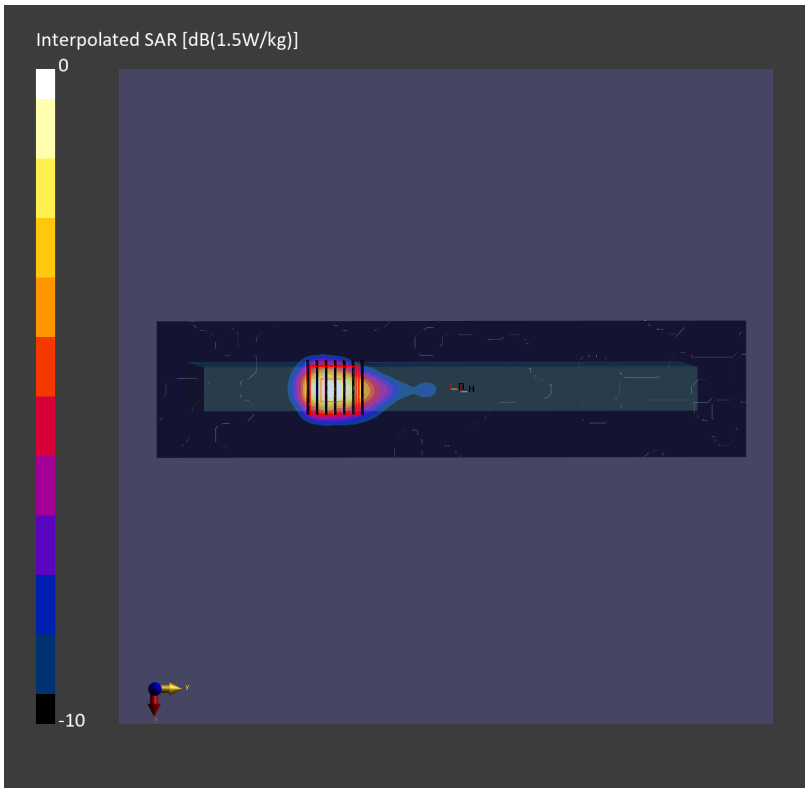
#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 2_0mm_Ch151

Communication System: IEEE 802.11n; Frequency: 5755.000 MHz
Medium: HSL_5G_240530 Medium parameters used: f= 5755.000 MHz; σ= 5.21 S/m; ε_r = 35.8
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.8, 4.8, 4.8); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (60.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.03 W/kg; SAR (10g) = 0.325 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.17 dB
SAR (1g) = 1.04 W/kg; SAR (8g) = 0.377 W/kg; SAR (10g) = 0.326 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.7 %



Date: 2024-05-20

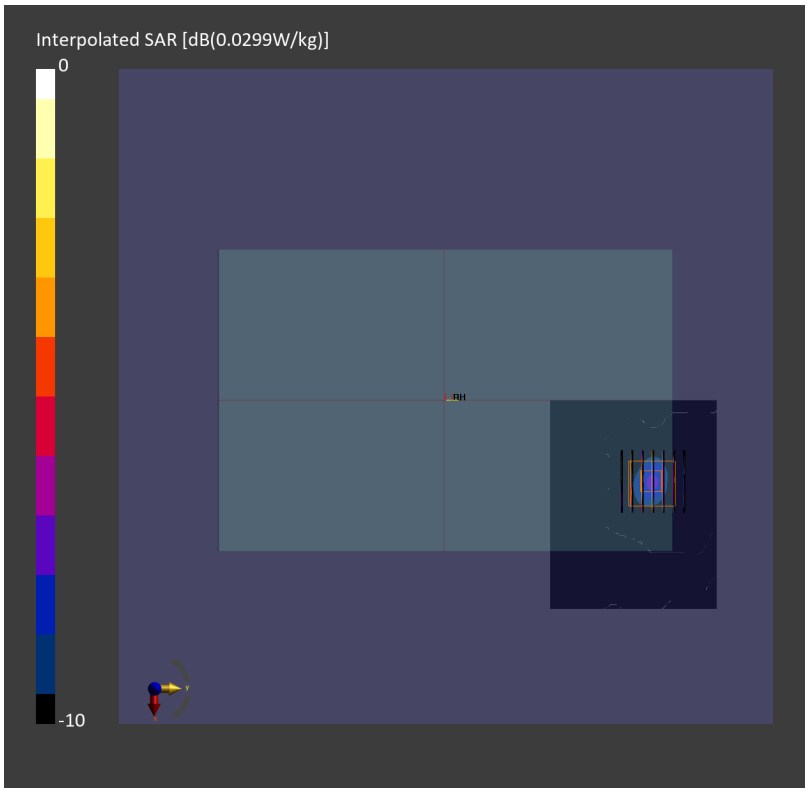
#05_Bluetooth_1Mbps_Bottom Face_0mm_Ch78

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2480.000 MHz
Medium: HSL_2450_240520 Medium parameters used: f= 2480.000 MHz; σ= 1.80 S/m; ε_r = 38.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(7.67, 7.67, 7.67); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.015 W/kg; SAR (10g) = 0.007 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.08 dB
SAR (1g) = 0.014 W/kg; SAR (8g) = 0.007 W/kg; SAR (10g) = 0.006 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 78.4 %



Date: 2024-05-21

#06_NFC_ASK_Bottom Face_0mm

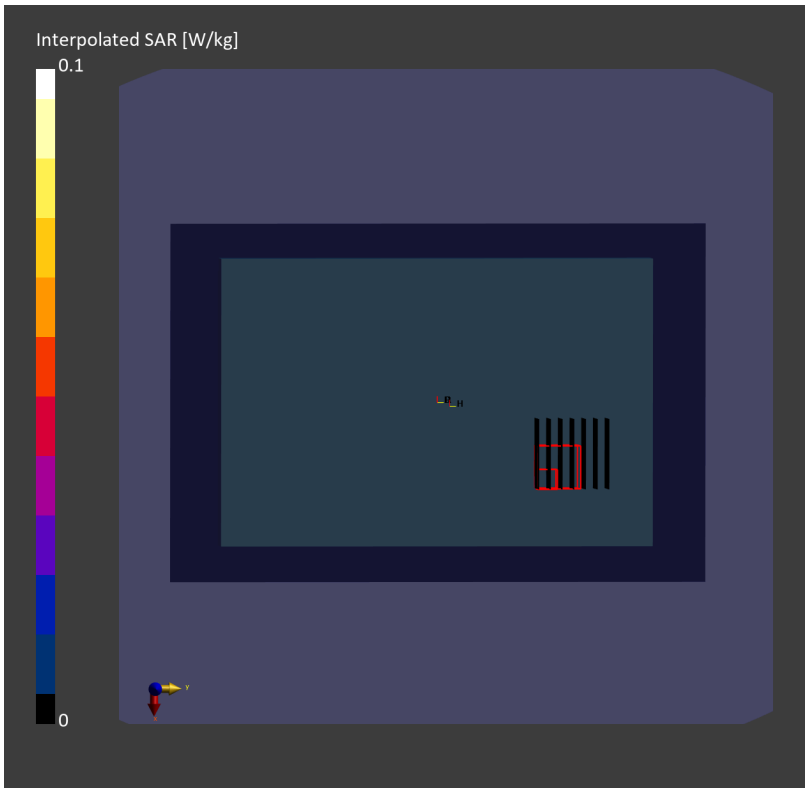
Communication System: SAR Validation ; Frequency: 13.56 MHz
Medium: HSL_13_240521 Medium parameters used: f= 13.56 MHz; σ= 0.728 S/m; ε_r = 54.7
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(18.48, 18.48, 18.48); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10010-CAB

Area Scan (180.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.003 W/kg; SAR (10g) = 0.002 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.9 mm x 5.9 mm x 1.5 mm
Power Drift = -0.09 dB
SAR (1g) = 0.002 W/kg; SAR (8g) = 0 W/kg; SAR (10g) = 0 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 47.8 %



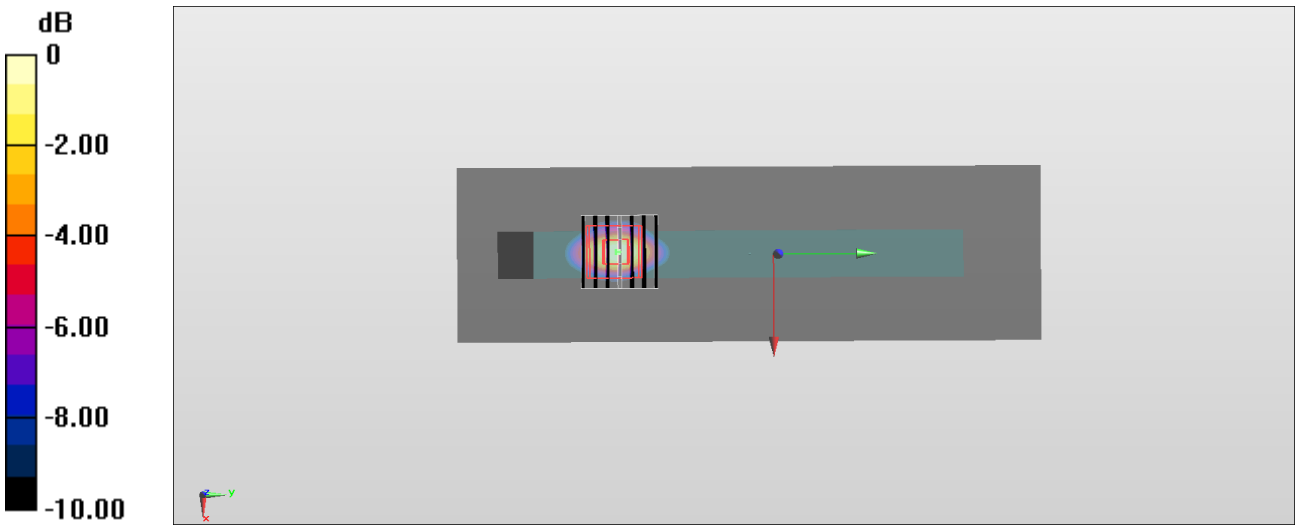
#07_WLAN2.4GHz_802.11b 1Mbps_Edge 2_0mm_Ch1

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz; Frequency: 2412 MHz
Medium: MSL_2450_240529 Medium parameters used: f = 2412 MHz; σ = 1.788 S/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(7.74, 7.6, 7.6) @ 2412 MHz; Calibrated: 2024/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1776; Calibrated: 2024/2/13
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (61x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.08 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.229 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.414 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 45.1%
Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

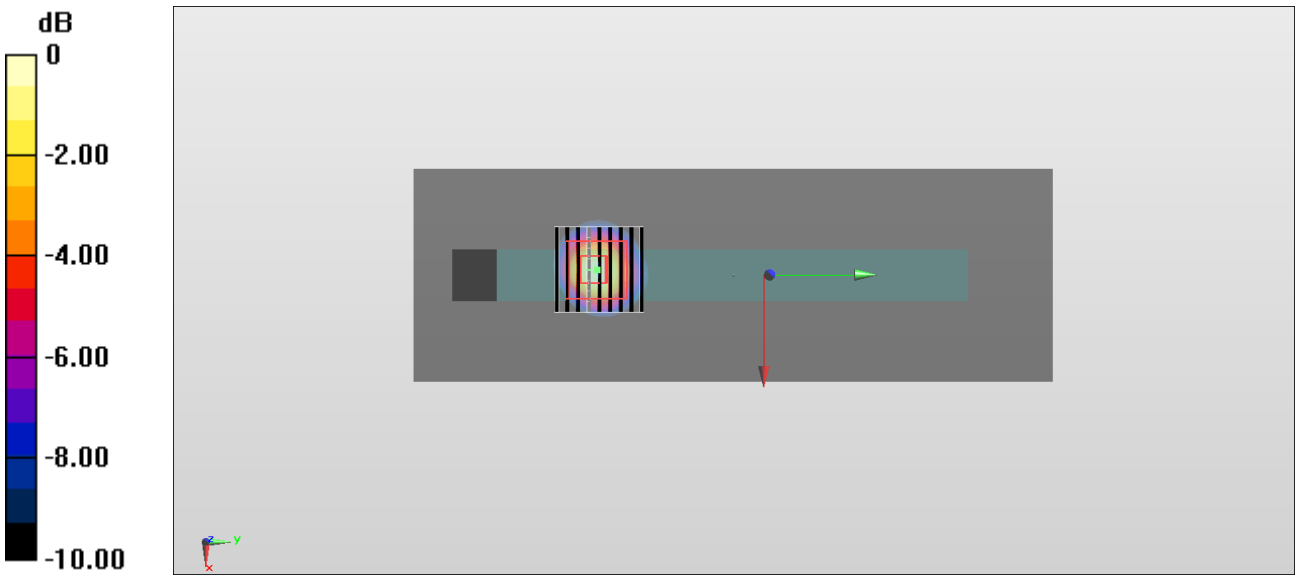
#08_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch42

Communication System: UID 10544 - AAD, IEEE 802.11ac WiFi; Frequency: 5210 MHz
Medium: HSL_5G_240530 Medium parameters used: f = 5210 MHz; σ = 4.569 S/m; ε_r = 35.804; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(5.82, 5.53, 5.73) @ 5210 MHz; Calibrated: 2024/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1776; Calibrated: 2024/2/13
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.641 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.154 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.7%
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

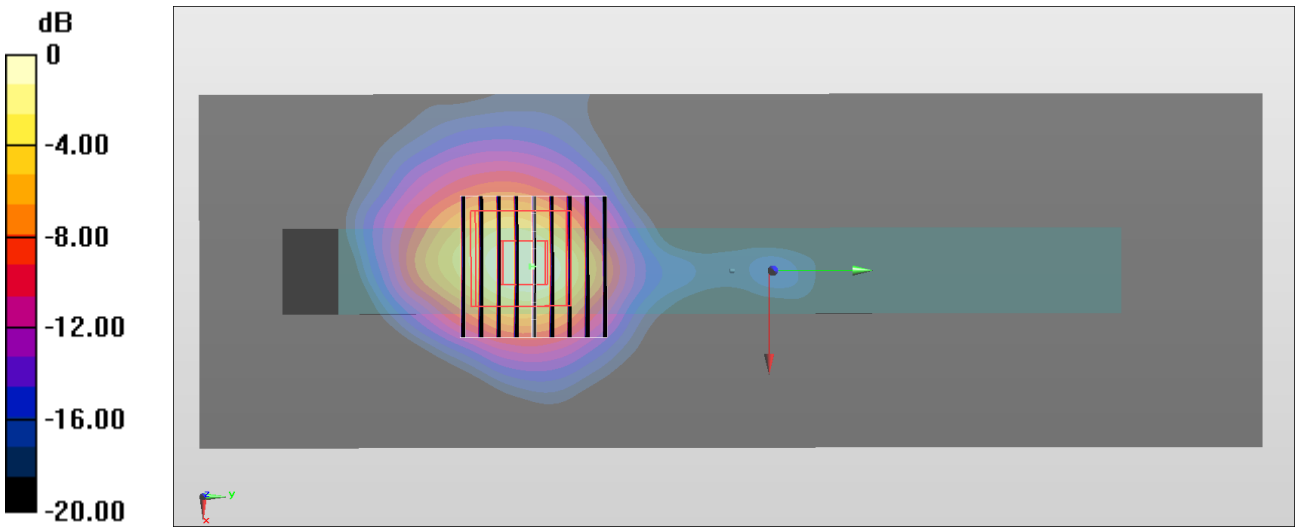
#09_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch122

Communication System: UID 10544 - AAD, IEEE 802.11ac WiFi; Frequency: 5610 MHz
Medium: HSL_5G_240530 Medium parameters used: f = 5610 MHz; σ = 4.966 S/m; ε_r = 35.384; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(4.86, 4.69, 4.82) @ 5610 MHz; Calibrated: 2024/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1776; Calibrated: 2024/2/13
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.386 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.204 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 63.4%
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

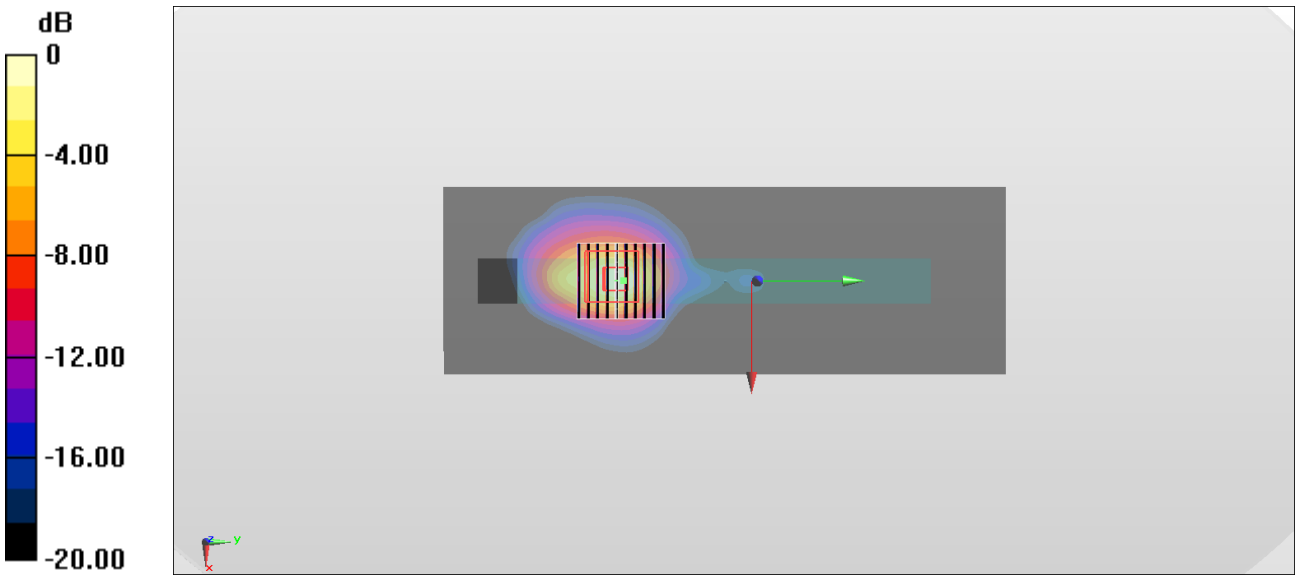
#10_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch155

Communication System: UID 10544 - AAD, IEEE 802.11ac WiFi; Frequency: 5775 MHz
Medium: HSL_5G_240530 Medium parameters used: f = 5775 MHz; σ = 5.2 S/m; ε_r = 35.131; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(5.05, 4.92, 5.06) @ 5775 MHz; Calibrated: 2024/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1776; Calibrated: 2024/2/13
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.267 V/m; Power Drift = -0.04dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.188 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 61.8%
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Date: 2024-05-20

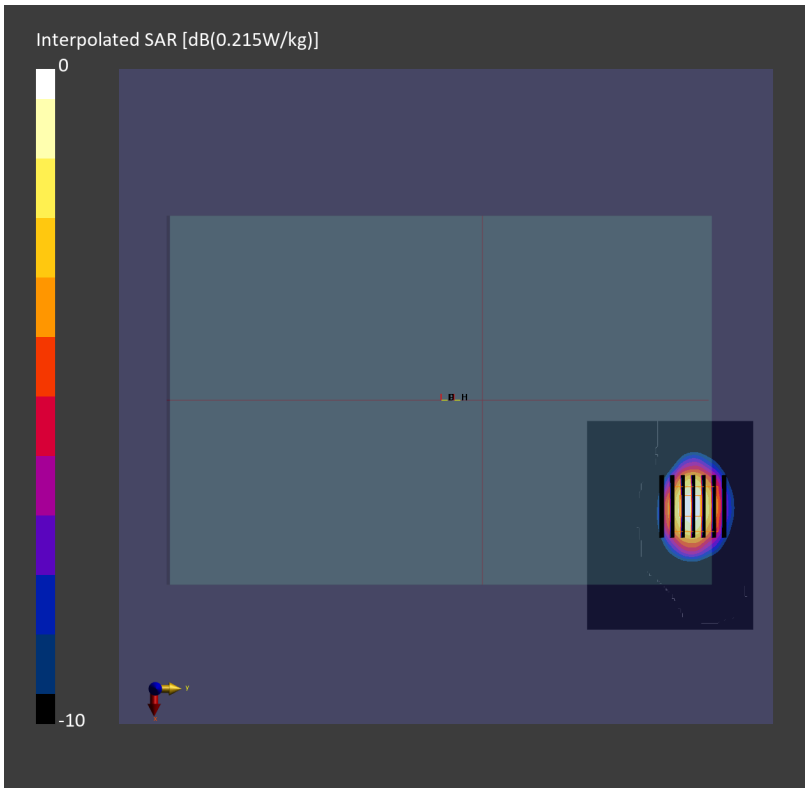
#11_Bluetooth_1Mbps_Bottom Face_0mm_Ch78

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2480.000 MHz
Medium: HSL_2450_240520 Medium parameters used: f= 2480.000 MHz; σ= 1.80 S/m; ε_r = 38.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(7.67, 7.67, 7.67); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.106 W/kg; SAR (10g) = 0.048 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.06 dB
SAR (1g) = 0.107 W/kg; SAR (8g) = 0.055 W/kg; SAR (10g) = 0.049 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 81.0 %



Date: 2024-05-21

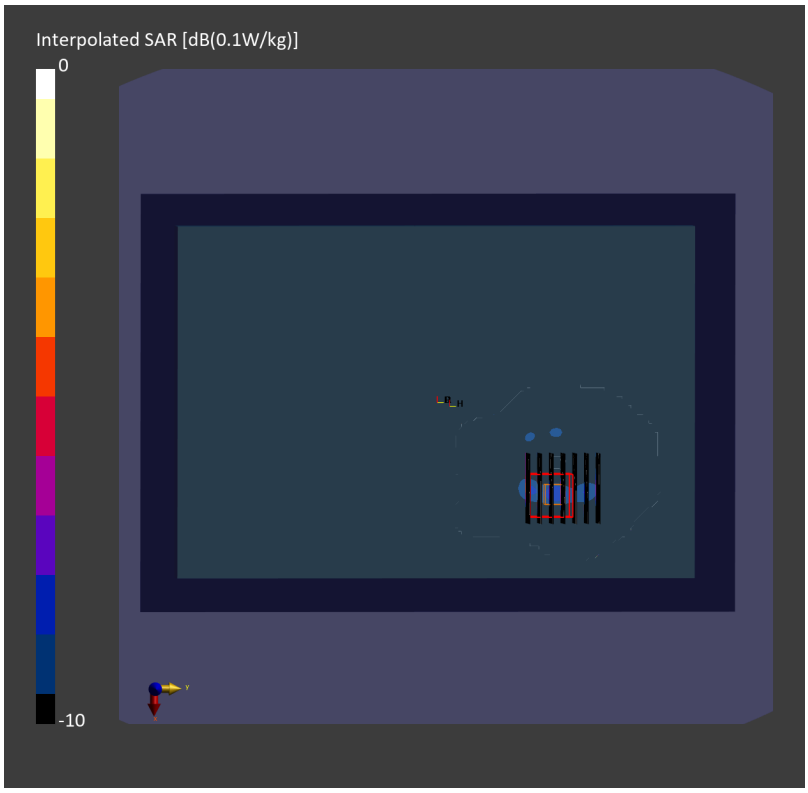
#12_NFC_ASK_Bottom Face_0mm

Communication System: SAR Validation ; Frequency: 13.56 MHz
Medium: HSL_13_240521 Medium parameters used: f= 13.56 MHz; σ= 0.728 S/m; ε_r = 54.7
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(18.48, 18.48, 18.48); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10010-CAB

Area Scan (210.0 mm x 300.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.014 W/kg; SAR (10g) = 0.009 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.9 mm x 5.9 mm x 1.5 mm

Power Drift = -0.01 dB
SAR (1g) = 0.013 W/kg; SAR (8g) = 0.006 W/kg; SAR (10g) = 0.005 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 62.7 %