Date: 2024-05-17

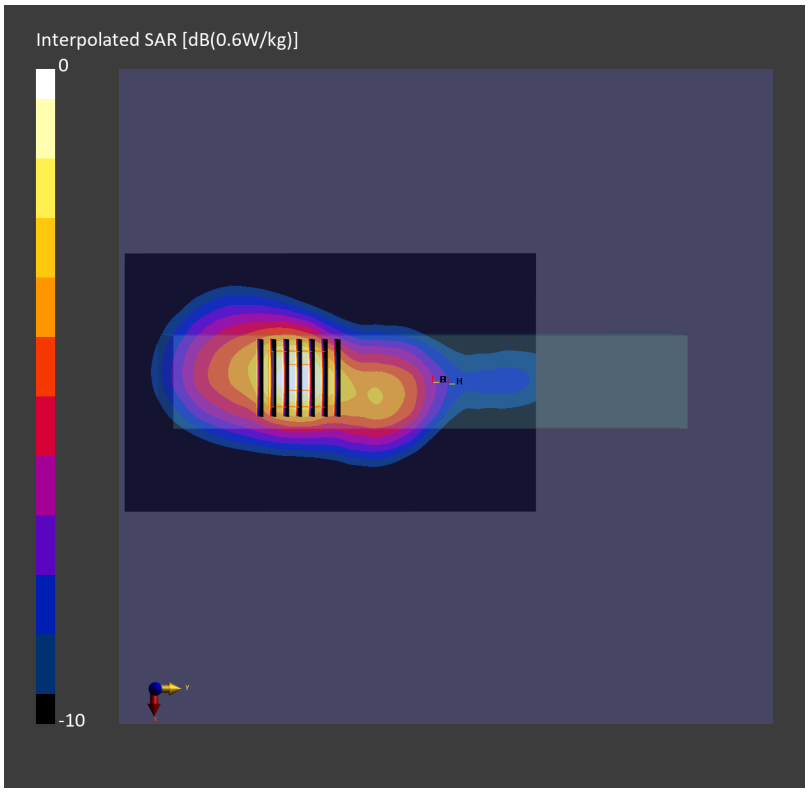
#01_WLAN2.4GHz_802.11b 1Mbps_Right Side_10mm_Ch1

Communication System: 802.11b; Frequency: 2412.000 MHz
Medium: HSL_2450_240517 Medium parameters used: f= 2412.000 MHz; σ= 1.74 S/m; ε_r = 39.0
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10012-CAB

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.471 W/kg; SAR (10g) = 0.237 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) = 0.502 W/kg; SAR (8g) = 0.274 W/kg; SAR (10g) = 0.251 W/kg
Smallest distance from peaks to all points 3 dB below = 12.6 mm
Ratio of SAR at M2 to SAR at M1 = 76.3 %



Date: 2024-05-28

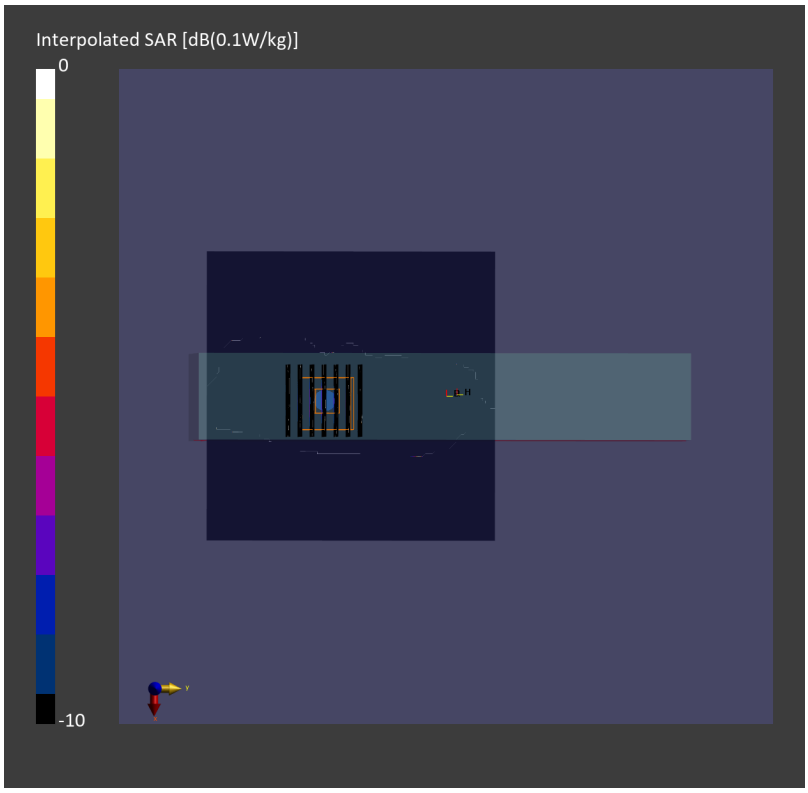
#02_Bluetooth_1Mbps_Right Side_10mm_Ch78

Communication System: Bluetooth; Frequency: 2480.000 MHz
Medium: HSL_2450_240528 Medium parameters used: f= 2480.000 MHz; σ= 1.85 S/m; ε_r = 39.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10030-CAA

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.010 W/kg; SAR (10g) = 0.005 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 = 0.07 dB
SAR (1g) = 0.012 W/kg; SAR (8g) = 0.006 W/kg; SAR (10g) = 0.005 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 90.0 %



Date: 2024-05-17

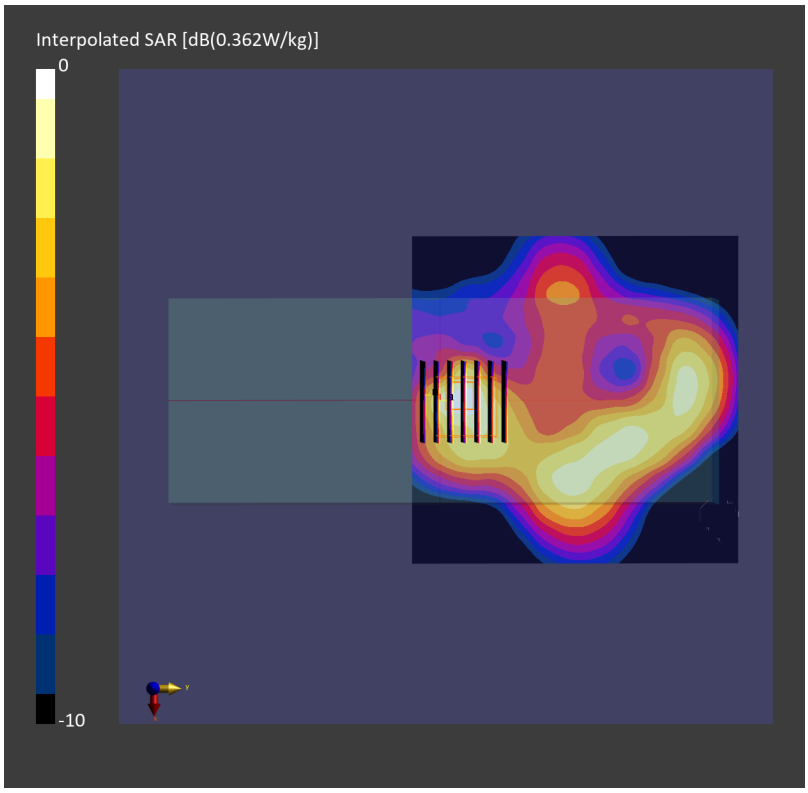
#03_WLAN2.4GHz_802.11b 1Mbps_Front_0mm_Ch1

Communication System: 802.11b; Frequency: 2412.000 MHz
Medium: HSL_2450_240517 Medium parameters used: f= 2412.000 MHz; σ= 1.74 S/m; ε_r = 39.0
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10012-CAB

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.270 W/kg; SAR (10g) = 0.134 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 = -0.01 dB
SAR (1g) = 0.286 W/kg; SAR (8g) = 0.154 W/kg; SAR (10g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below = 7.7 mm
Ratio of SAR at M2 to SAR at M1 = 78.5 %



Date: 2024-05-15

#04_WLAN5GHz_802.11n HT40 MCS0_Left Side_0mm_Ch54

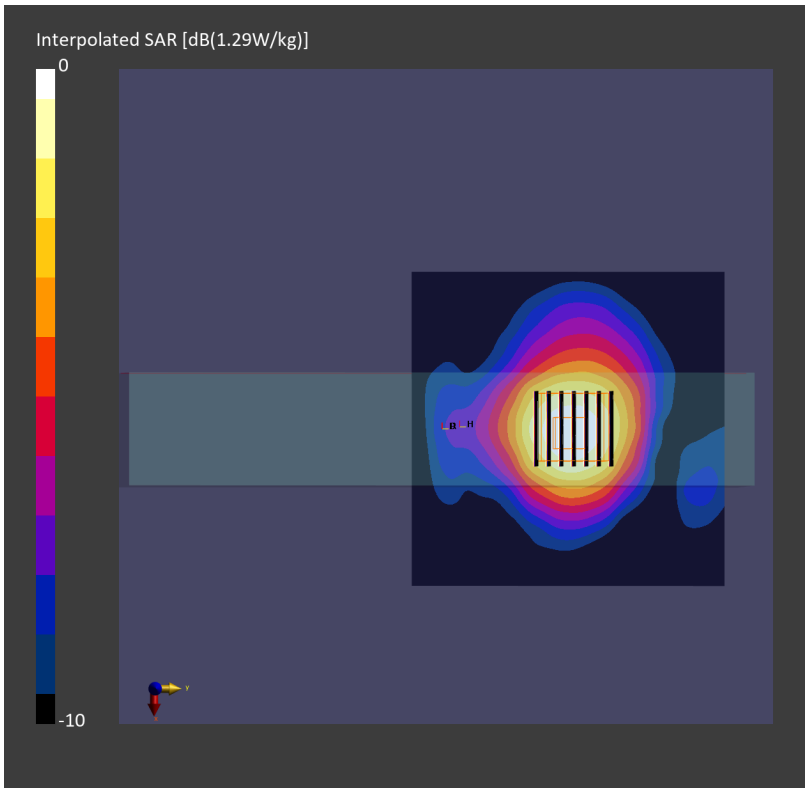
Communication System: 802.11n; Frequency: 5270.000 MHz
Medium: HSL_5250_240515 Medium parameters used: f= 5270.000 MHz; σ= 4.71 S/m; ε_r = 35.5

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.38, 5.34, 5.57); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.965 W/kg; SAR (10g) = 0.411 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 = 0.00 dB
SAR (1g) = 0.974 W/kg; SAR (8g) = 0.459 W/kg; SAR (10g) = 0.414 W/kg
Smallest distance from peaks to all points 3 dB below = > 11.0 mm
Ratio of SAR at M2 to SAR at M1 = 64.7 %



Date: 2024-05-15

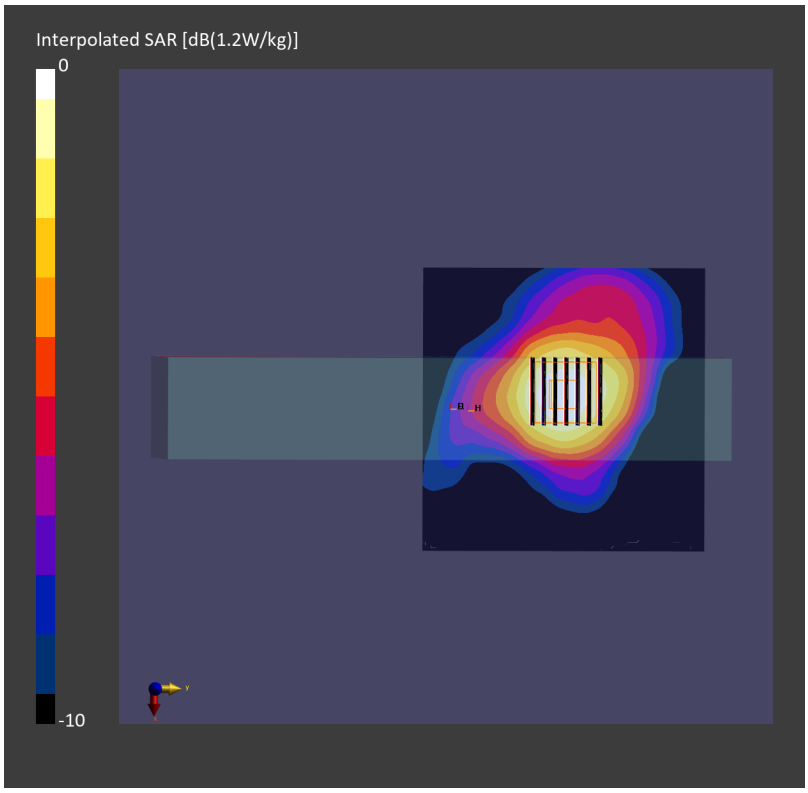
#05_WLAN5GHz_802.11ac VHT80 MCS0_Left Side_0mm_Ch138

Communication System: 802.11ac; Frequency: 5690.000 MHz
Medium: HSL_5600_240515 Medium parameters used: f= 5690.000 MHz; σ= 5.23 S/m; ε_r = 36.2
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.916 W/kg; SAR (10g) = 0.386 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 = 0.04 dB
SAR (1g) = 0.946 W/kg; SAR (8g) = 0.438 W/kg; SAR (10g) = 0.396 W/kg
Smallest distance from peaks to all points 3 dB below = 17.7 mm
Ratio of SAR at M2 to SAR at M1 = 61.8 %



Date: 2024-05-16

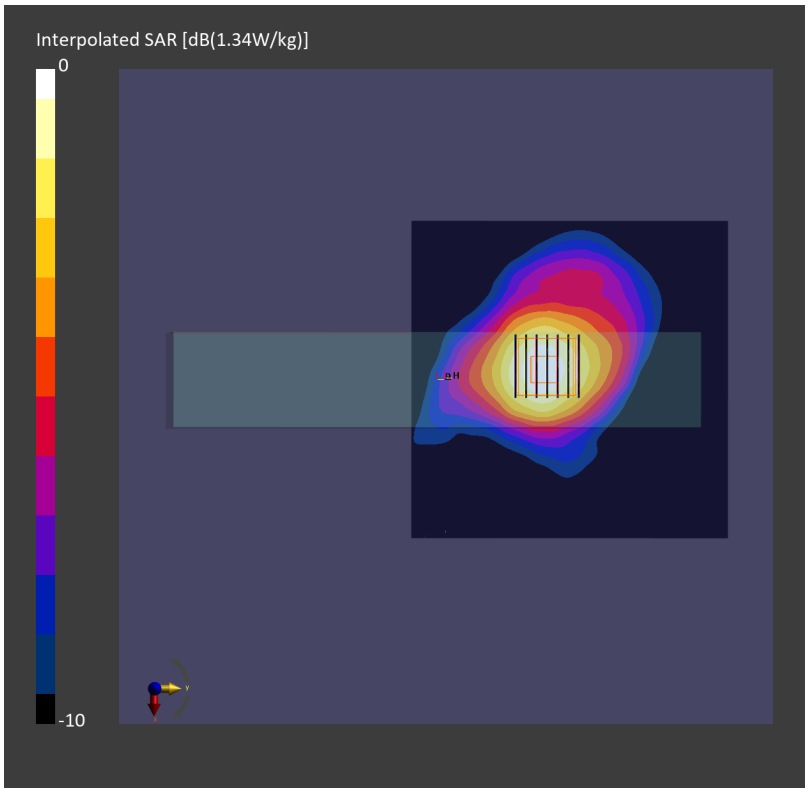
#06_WLAN5GHz_802.11ac VHT80 MCS0_Left Side_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz
Medium: HSL_5750_240516 Medium parameters used: f= 5775.000 MHz; σ= 5.34 S/m; ε_r = 36.1
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.02 W/kg; SAR (10g) = 0.421 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) = 1.03 W/kg; SAR (8g) = 0.470 W/kg; SAR (10g) = 0.424 W/kg
Smallest distance from peaks to all points 3 dB below = 17.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.4 %



Date: 2024-05-18

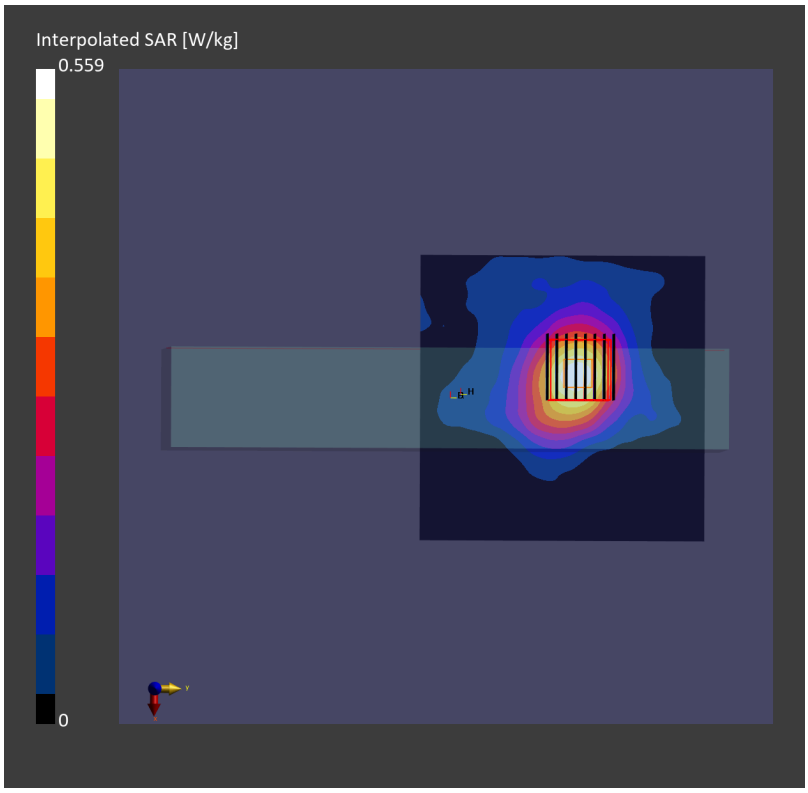
#07_WLAN6GHz_802.11ax-HE160 MCS0_Left Side_0mm_Ch143

Communication System: 802.11ax ; Frequency: 6665.000 MHz
Medium: HSL_6500_240518 Medium parameters used: f= 6665.000 MHz; σ= 6.30 S/m; ε_r = 34.2
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.06, 5.12, 5.2); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10743-AAC

Area Scan (102.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.126 W/kg; SAR (10g) = 0.050 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.10 dB
SAR (1g) = 0.128 W/kg; SAR (8g) = 0.055 W/kg; SAR (10g) = 0.049 W/kg
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 52.1 %
psAPD (1.0cm2, sq) = 1.28 [W/m2]; psAPD (4.0cm2, sq) = 1.11 [W/m2]



Date: 2024-05-28

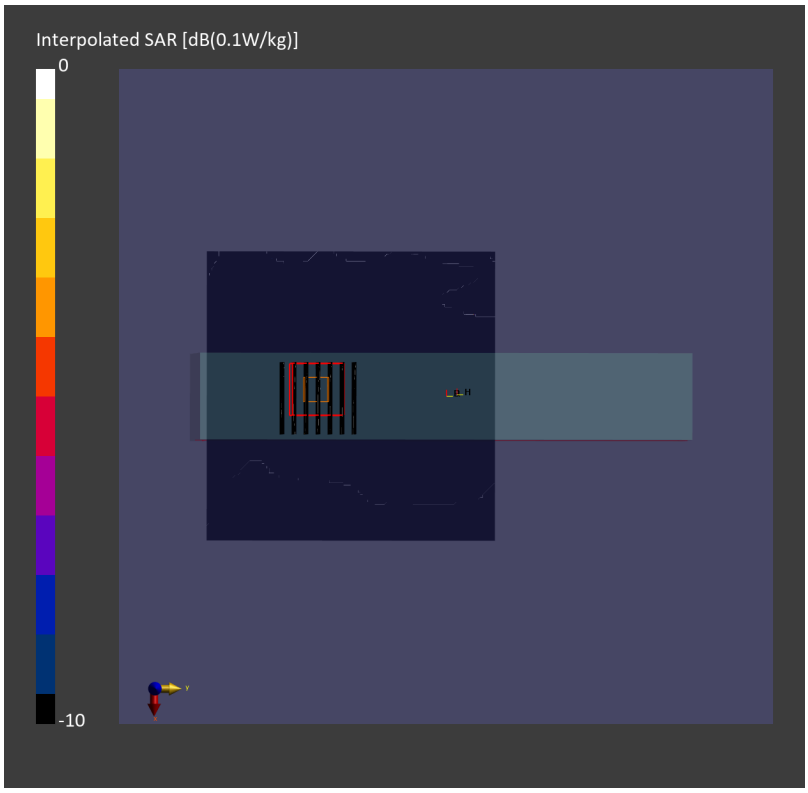
#08_Bluetooth_1Mbps_Right Side_0mm_Ch78

Communication System: Bluetooth; Frequency: 2480.000 MHz
Medium: HSL_2450_240528 Medium parameters used: f= 2480.000 MHz; σ= 1.85 S/m; ε_r = 39.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10030-CAA

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.006 W/kg; SAR (10g) = 0.003 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 = -0.07 dB
SAR (1g) = 0.005 W/kg; SAR (8g) = 0.003 W/kg; SAR (10g) = 0.002 W/kg
Smallest distance from peaks to all points 3 dB below = 10.3 mm
Ratio of SAR at M2 to SAR at M1 = 79.4 %



Date: 2024-05-20

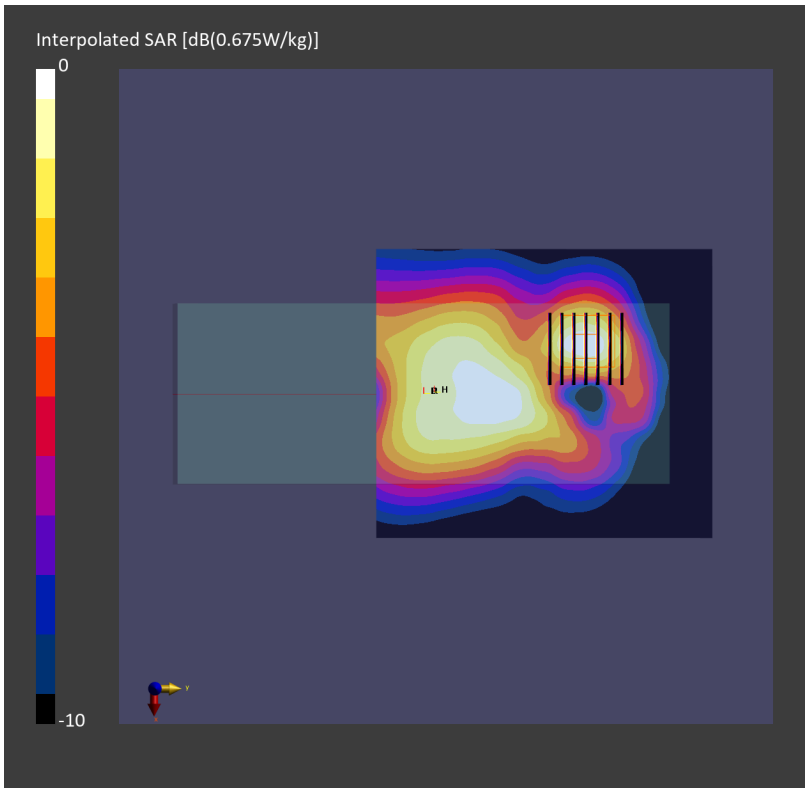
#09_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch1

Communication System: 802.11b; Frequency: 2412.000 MHz
Medium: HSL_2450_240520 Medium parameters used: f= 2412.000 MHz; σ= 1.80 S/m; ε_r = 38.8
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (120.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.527 W/kg; SAR (10g) = 0.307 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 = 0.04 dB
SAR (1g) = 0.555 W/kg; SAR (8g) = 0.303 W/kg; SAR (10g) = 0.277 W/kg
Smallest distance from peaks to all points 3 dB below = 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 81.9 %



Date: 2024-05-15

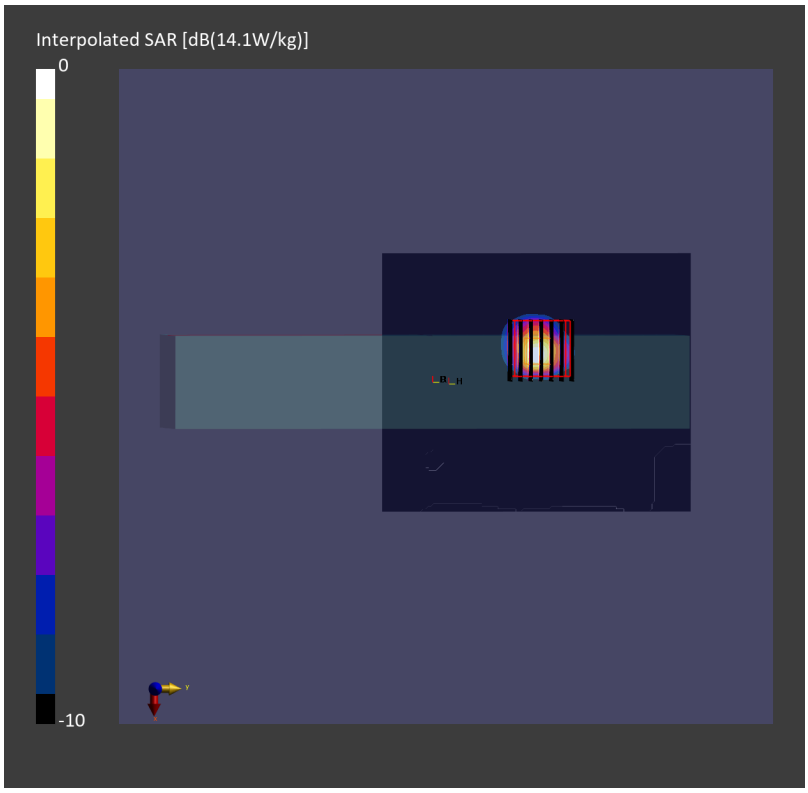
#10_WLAN5GHz_802.11n HT40 MCS0_Left Side_0mm_Ch54

Communication System: 802.11n; Frequency: 5270.000 MHz
Medium: HSL_5250_240515 Medium parameters used: f= 5270.000 MHz; σ= 4.71 S/m; ε_r = 35.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.38, 5.34, 5.57); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (100.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 8.05 W/kg; SAR (10g) = 2.09 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 = 0.02 dB
SAR (1g) = 8.95 W/kg; SAR (8g) = 2.64 W/kg; SAR (10g) = 2.23 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 63.0 %



Date: 2024-05-15

#11_WLAN5GHz_802.11ac VHT80 MCS0_Left Side_0mm_Ch138

Communication System: 802.11ac; Frequency: 5690.000 MHz
Medium: HSL_5600_240515 Medium parameters used: f= 5690.000 MHz; σ= 5.23 S/m; ε_r = 36.2

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

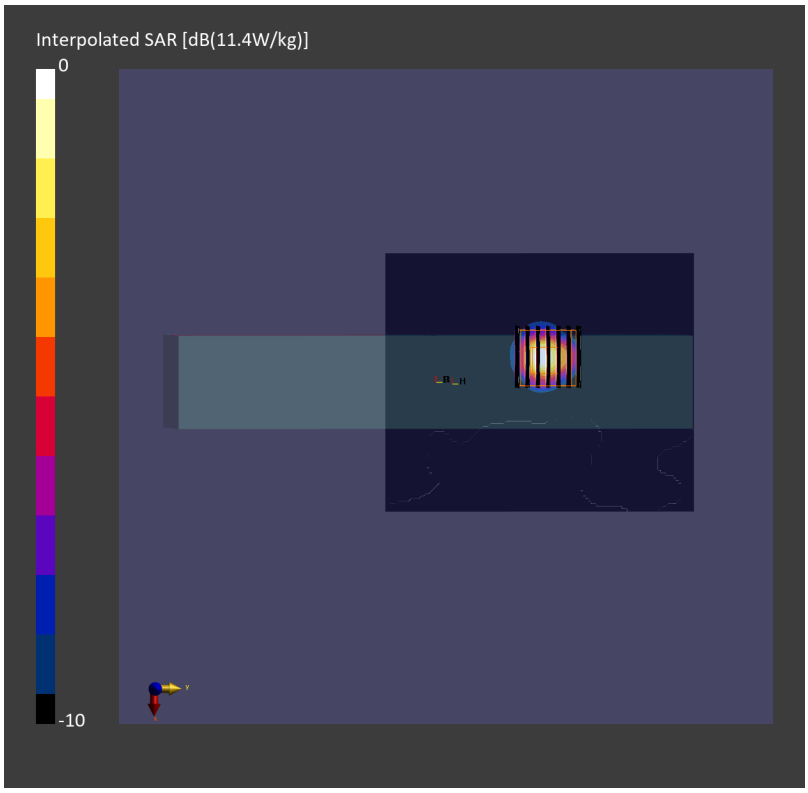
DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (100.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.69 W/kg; SAR (10g) = 1.71 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 = 0.02 dB
SAR (1g) = 7.44 W/kg; SAR (8g) = 2.17 W/kg; SAR (10g) = 1.83 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.0 %



Date: 2024-05-16

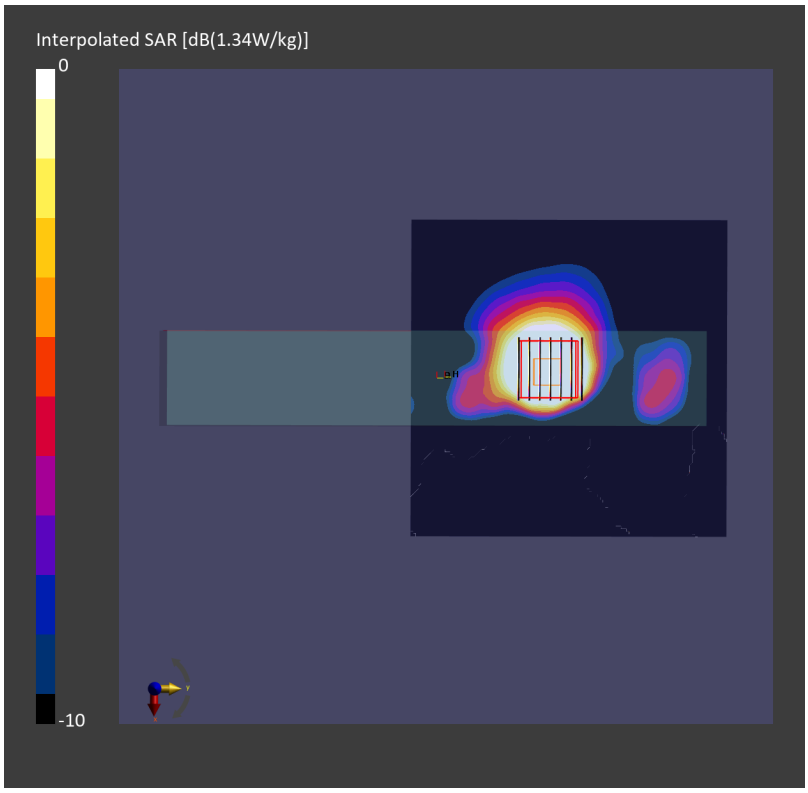
#12_WLAN5GHz_802.11ac VHT80 MCS0_Left Side_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz
Medium: HSL_5750_240516 Medium parameters used: f= 5775.000 MHz; σ= 5.34 S/m; ε_r = 36.1
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 9.07 W/kg; SAR (10g) = 2.39 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) = 10.7 W/kg; SAR (8g) = 3.04 W/kg; SAR (10g) = 2.56 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 60.4 %



Date: 2024-05-18

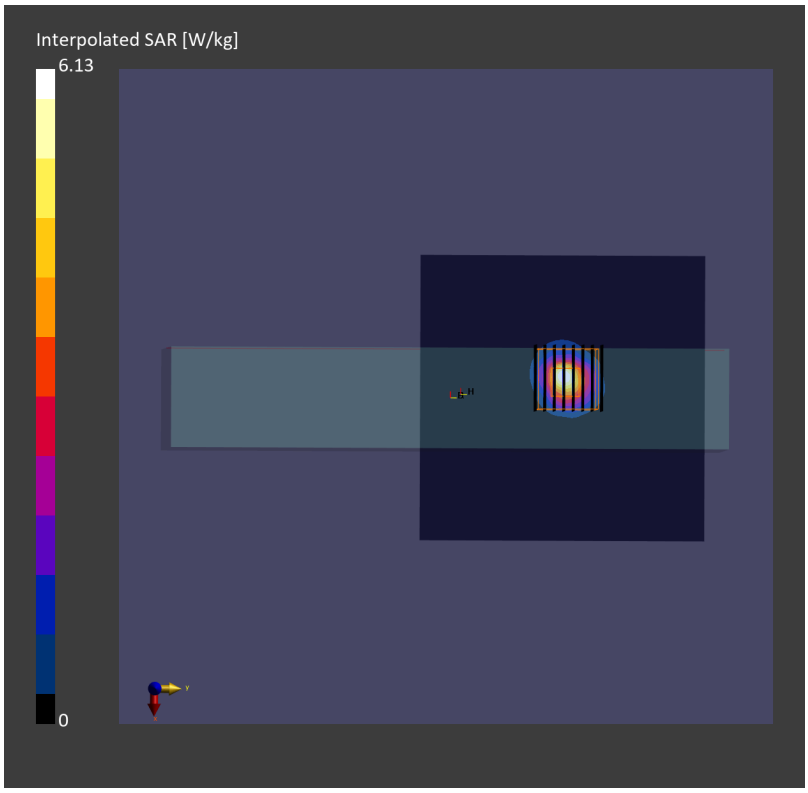
#13_WLAN6GHz_802.11ax-HE160 MCS0_Left Side_0mm_Ch111

Communication System: 802.11ax ; Frequency: 6505.000 MHz
Medium: HSL_6500_240518 Medium parameters used: f= 6505.000 MHz; σ= 6.10 S/m; ε_r = 34.5
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.06, 5.12, 5.2); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10743-AAC

Area Scan (102.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.978 W/kg; SAR (10g) = 0.244 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = 0.03 dB
SAR (1g) = 1.10 W/kg; SAR (8g) = 0.306 W/kg; SAR (10g) = 0.257 W/kg
Smallest distance from peaks to all points 3 dB below = 5.5 mm
Ratio of SAR at M2 to SAR at M1 = 50.2 %
psAPD (1.0cm2, sq) = 11.0 [W/m2]; psAPD (4.0cm2, sq) = 6.13 [W/m2]



Date: 2024-05-28

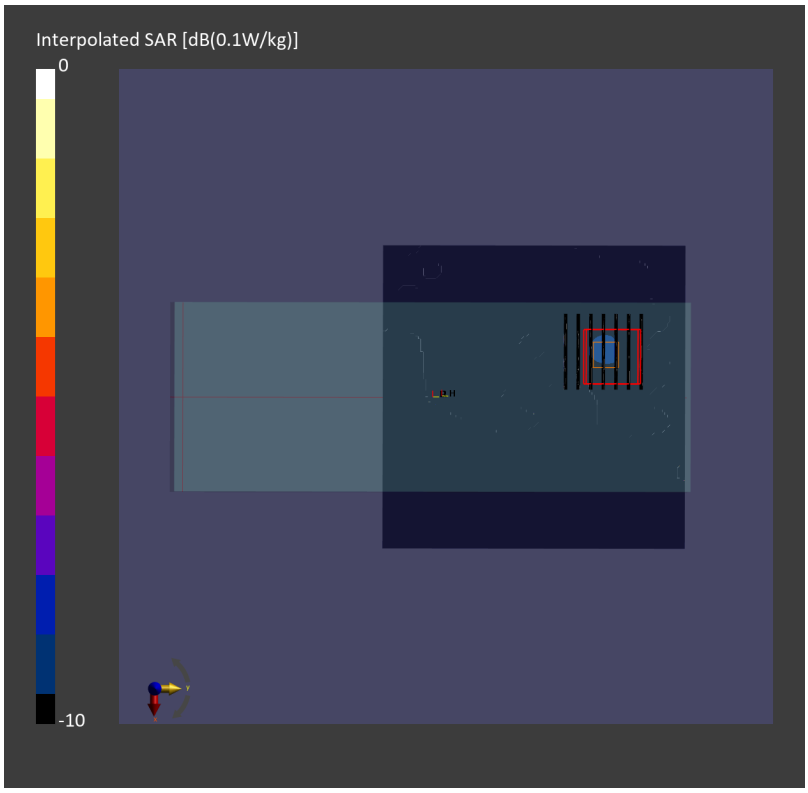
#14_Bluetooth_1Mbps_Back_0mm_Ch78

Communication System: 802.15.1 Bluetooth; Frequency: 2480.000 MHz
Medium: HSL_2450_240528 Medium parameters used: f= 2480.000 MHz; σ= 1.85 S/m; ε_r = 39.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10030-CAA

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.011 W/kg; SAR (10g) = 0.005 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 = -0.16 dB
SAR (1g) = 0.01 W/kg; SAR (8g) = 0.005 W/kg; SAR (10g) = 0.004 W/kg
Smallest distance from peaks to all points 3 dB below = 6.0 mm
Ratio of SAR at M2 to SAR at M1 = 91.0 %



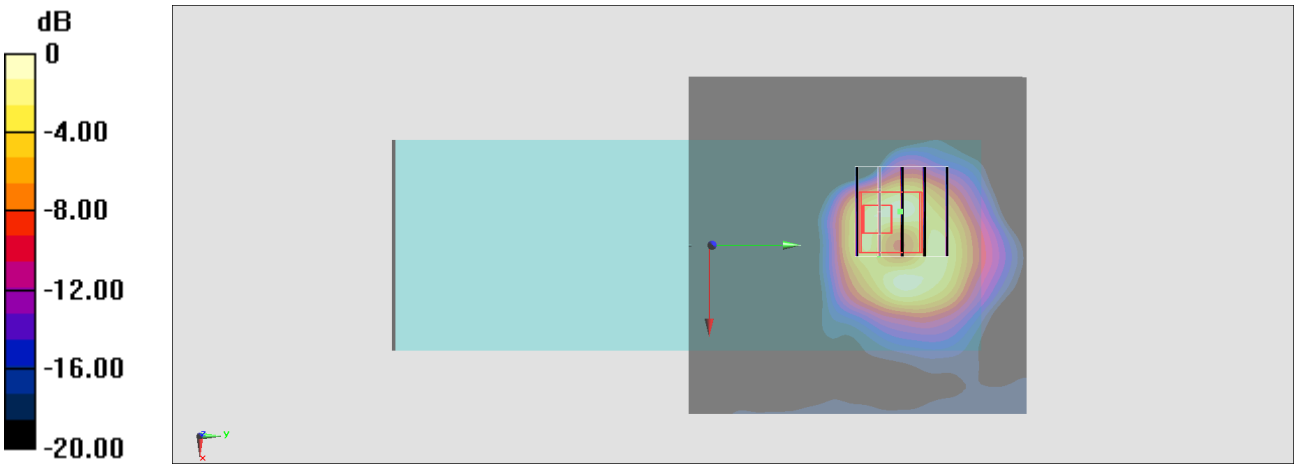
#15_NFC_Back_0mm_13.56MHz

Communication System: NFC; Frequency: 13.56 MHz;Duty Cycle: 1:1
Medium: HSL_13_240604 Medium parameters used: f = 13.56 MHz; σ = 0.728 S/m; ε_r = 54.623; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642;ConvF(14.84, 14.84, 14.84) @ 13.56 MHz;Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2024/1/22
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.124 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.17 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.020 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 33%
Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg = -8.73 dBW/kg