

#01_UHF RFID_Front_10mm_922.7MHz

Communication System: RFID; Frequency: 922.7 MHz; Duty Cycle: 1:1.146

Medium: HSL_900_230512 Medium parameters used: $f = 923$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 41.499$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.57, 9.57, 9.57) @ 922.7 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: P1aP2a_Twin-SAM_V8.0_(30deg)_Left; Type: QD 000 P41 AA; Serial: 1919
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.967 W/kg

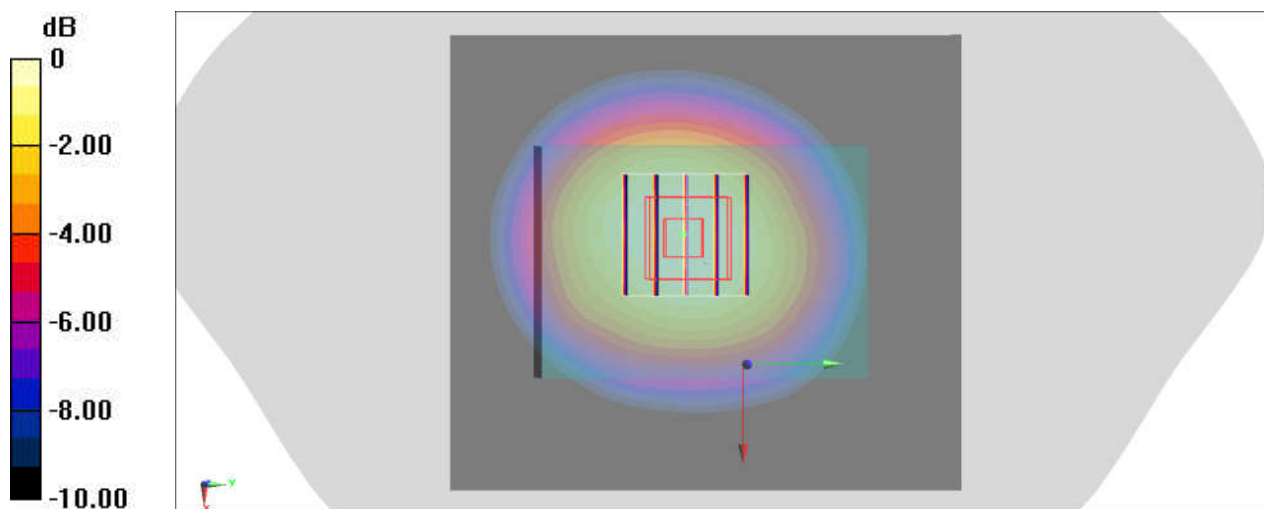
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.66 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

#02_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_230525 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.816$ S/m; $\epsilon_r = 40.938$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(7.74, 7.74, 7.74) @ 2412 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: P1aP2a_Twin-SAM_V8.0_(30deg)_Left; Type: QD 000 P41 AA; Serial: 1919
- 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) = 1.06 W/kg

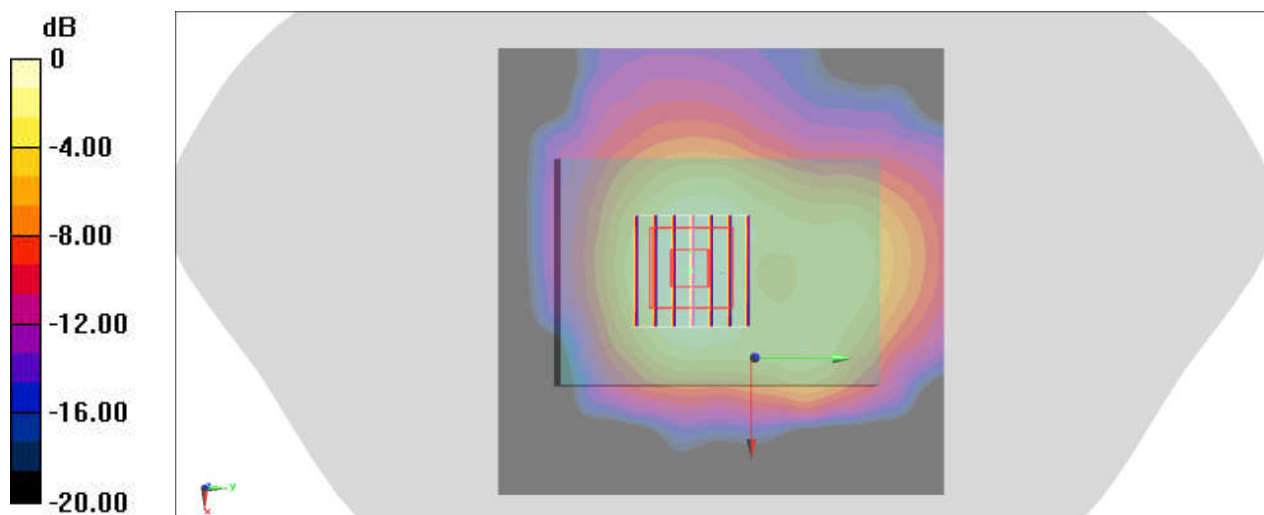
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.00 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

#03_WLAN5GHz_802.11n-HT40 MCS0_Front_10mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.005

Medium: HSL_5G_230426 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.797$ S/m; $\epsilon_r = 36.014$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.46, 5.46, 5.46) @ 5270 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.62 W/kg

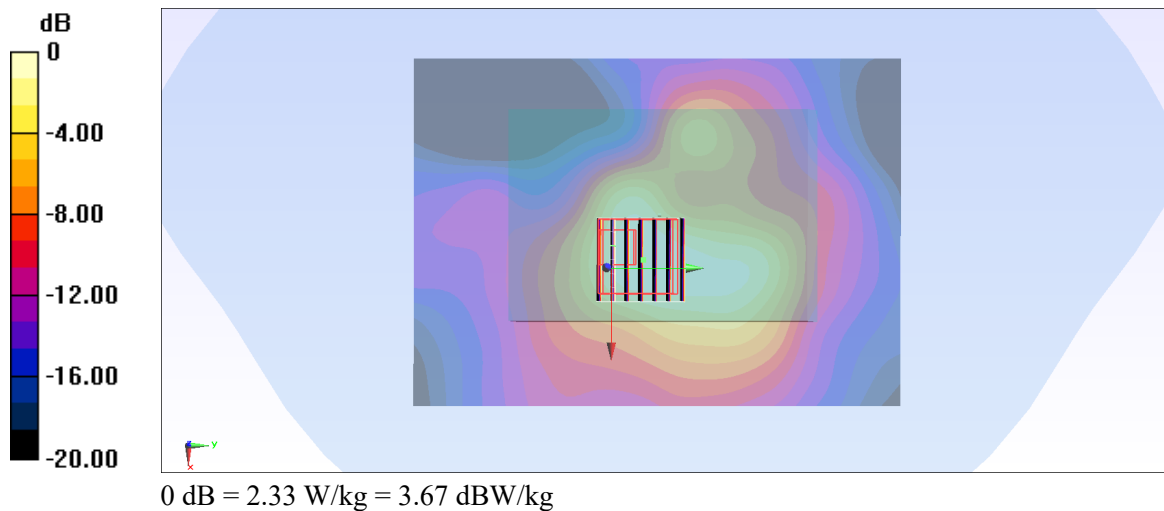
/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.02 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



#04_WLAN5GHz_802.11n-HT40 MCS0_Front_10mm_Ch142

Communication System: 802.11n; Frequency: 5710 MHz; Duty Cycle: 1:1.005

Medium: HSL_5G_230426 Medium parameters used: $f = 5710$ MHz; $\sigma = 5.228$ S/m; $\epsilon_r = 35.487$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.87, 4.87, 4.87) @ 5710 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.45 W/kg

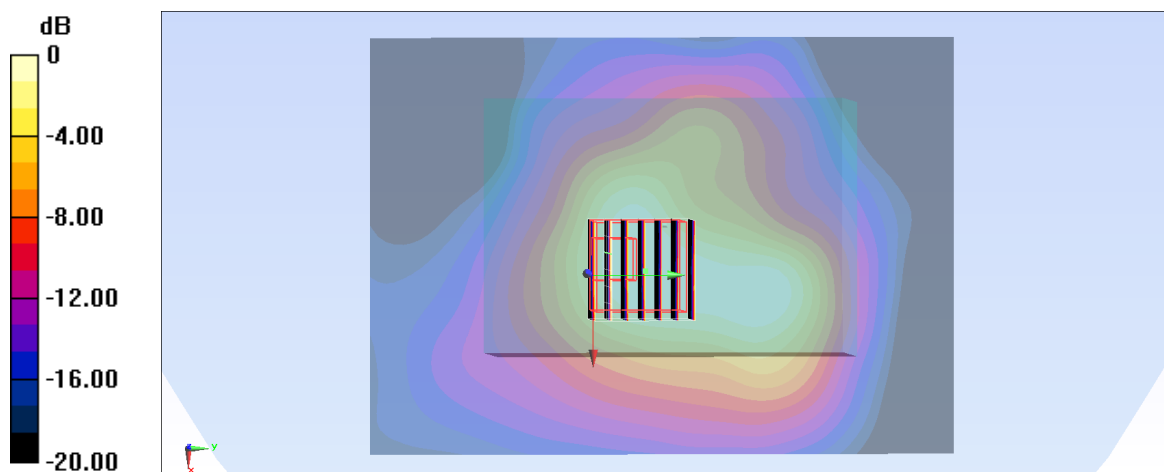
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.66 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.22 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 2.15 W/kg = 3.32 dBW/kg

#05_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.04

Medium: HSL_5G_230426 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.294$ S/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.87, 4.87, 4.87) @ 5775 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.51 W/kg

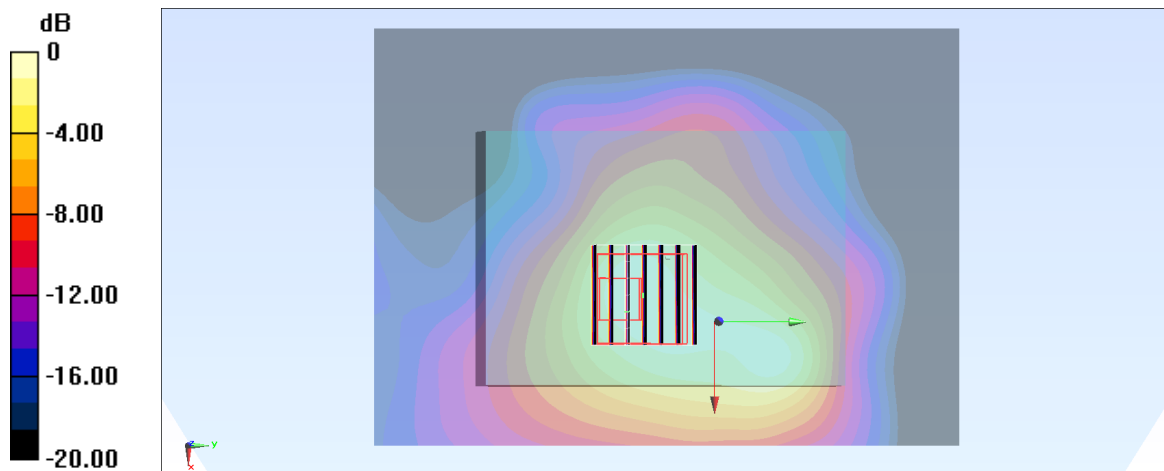
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 16.85 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



#06_Bluetooth_1Mbps_Front_0mm_Ch39

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1.298

Medium: HSL_2450_230512 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.427$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.57, 4.57, 4.57) @ 2441 MHz; Calibrated: 2022/10/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: SAM_Left; Type: QD OOO P40 CB; Serial: TP-1477
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00443 W/kg

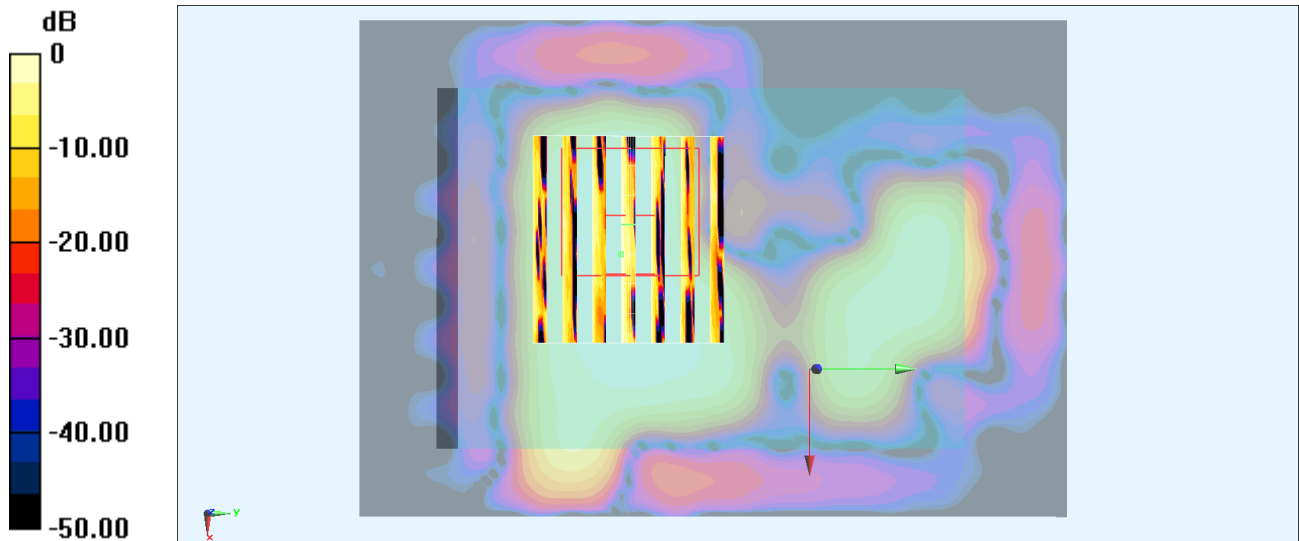
Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.621 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00321 W/kg; SAR(10 g) = 0.00121 W/kg

Maximum value of SAR (measured) = 0.00478 W/kg



#07_UHF RFID_Front_0mm_917.9MHz

Communication System: RFID; Frequency: 917.9 MHz; Duty Cycle: 1:1.146

Medium: HSL_900_230601 Medium parameters used: $f = 918 \text{ MHz}$; $\sigma = 0.968 \text{ S/m}$; $\epsilon_r = 42.605$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4°C ; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.57, 9.57, 9.57) @ 917.9 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.94 W/kg

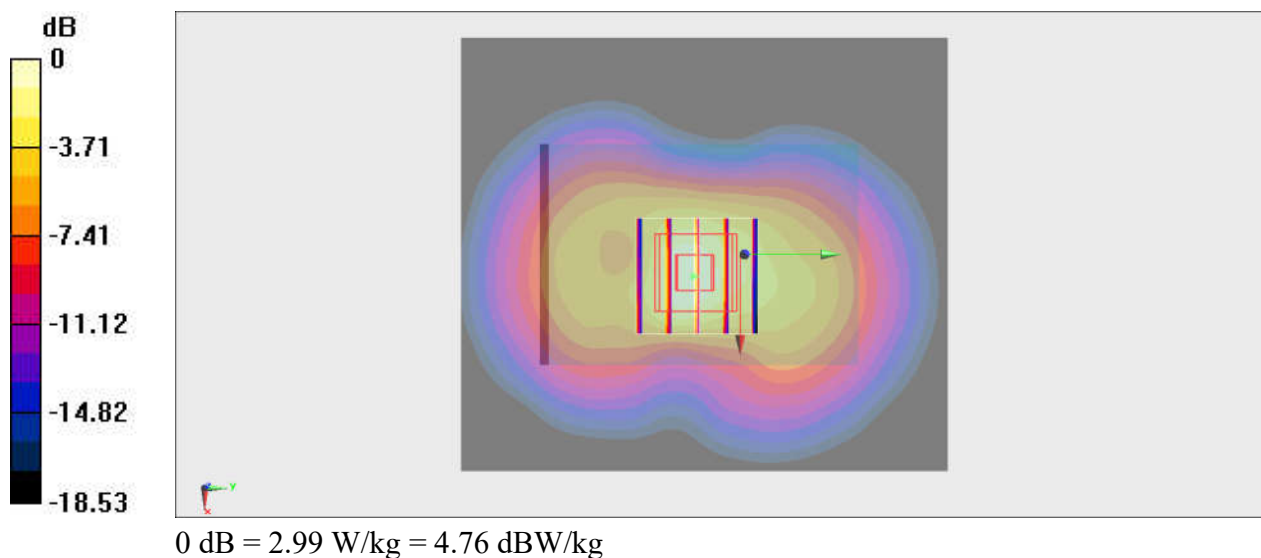
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.51 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 2.27 W/kg ; SAR(10 g) = 1.19 W/kg

Maximum value of SAR (measured) = 2.99 W/kg



#08_NFC_13.56MHz_Back_0mm

Communication System: NFC; Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL_13_230529 Medium parameters used : $f = 13.56$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.432$; $\rho = 1000$ kg/m³

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

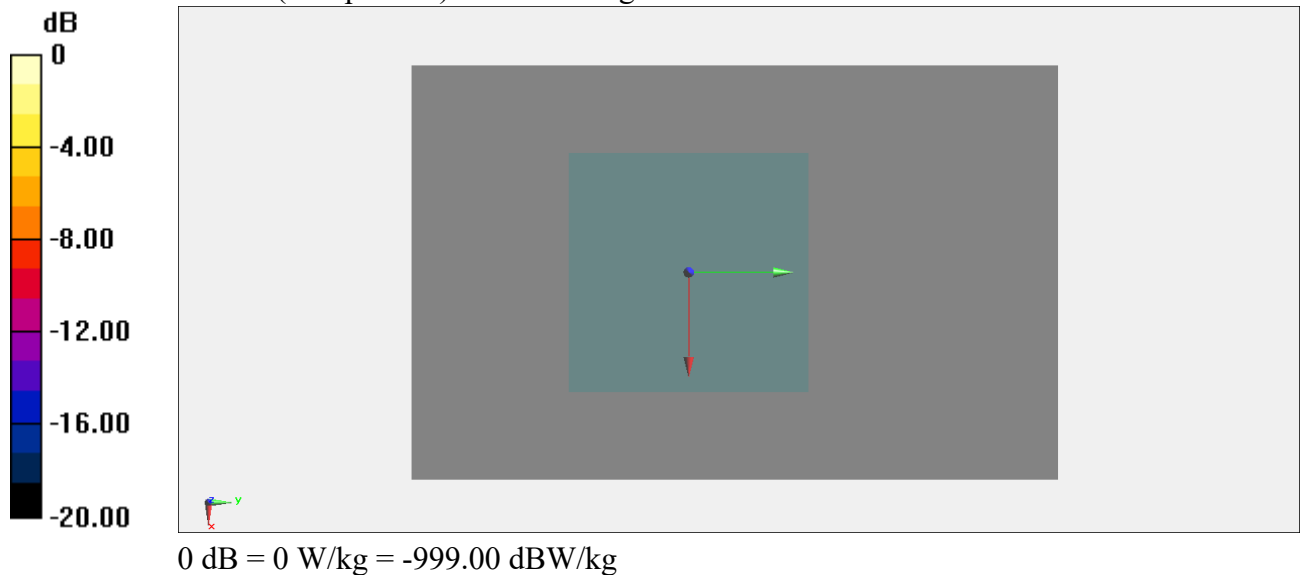
DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.52, 18.52, 18.52) @ 13.56 MHz; Calibrated: 2022/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2022/11/9
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 0.5410 V/m; Power Drift = -0.01 dB

Maximum value of SAR (interpolated) = 0.001 W/kg



#09_UHF RFID_Back_0mm_922.7MHz

Communication System: RFID ; Frequency: 922.7 MHz; Duty Cycle: 1:1.155

Medium: HSL_900_230518 Medium parameters used: $f = 923$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.57, 9.57, 9.57) @ 922.7 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: P1aP2a_Twin-SAM_V8.0_(30deg)_Left; Type: QD 000 P41 AA; Serial: 1919
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.75 W/kg

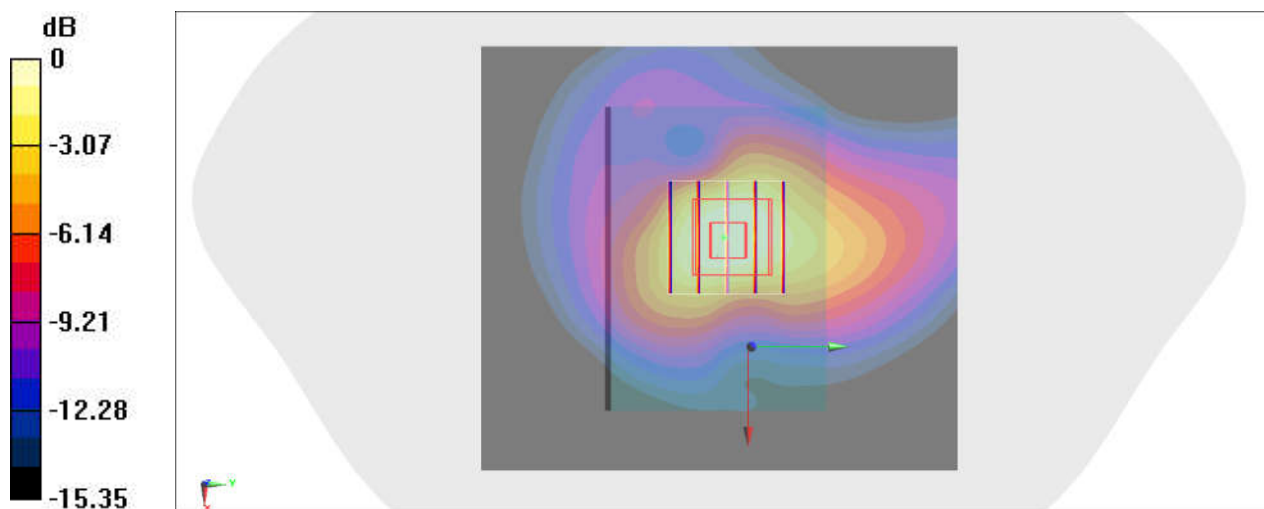
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.92 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.697 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

#10_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_230425 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.356$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(7.74, 7.74, 7.74) @ 2462 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: SAM_Left; Type: QD OOO P40 CB; Serial: TP-1477
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

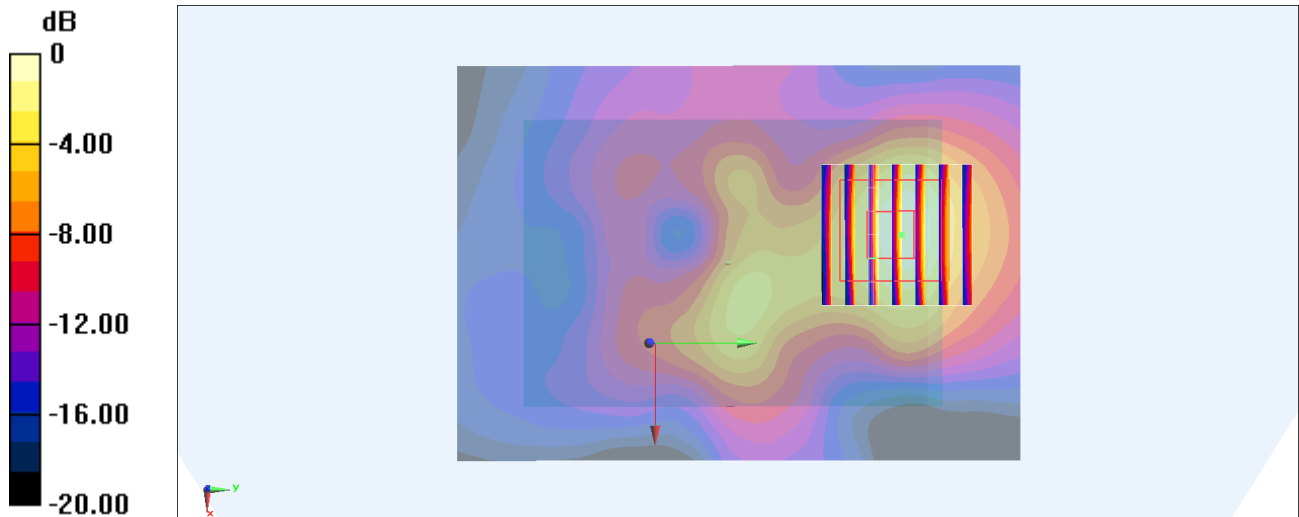
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.52 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



#11_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.005

Medium: HSL_5G_230426 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.797$ S/m; $\epsilon_r = 36.014$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.46, 5.46, 5.46) @ 5270 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.538 W/kg

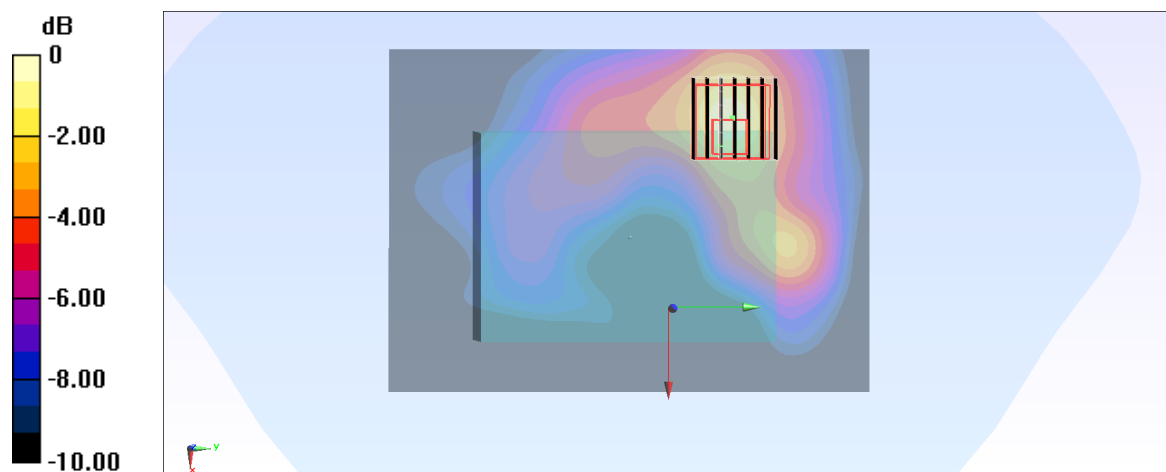
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.71 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.646 W/kg



0 dB = 0.646 W/kg = -1.90 dBW/kg

#12_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch134

Communication System: 802.11n; Frequency: 5670 MHz; Duty Cycle: 1:1.005

Medium: HSL_5G_230524 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.295$ S/m; $\epsilon_r = 36.016$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.07, 5.07, 5.07) @ 5670 MHz; Calibrated: 2023/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2022/12/15
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (121x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.513 W/kg

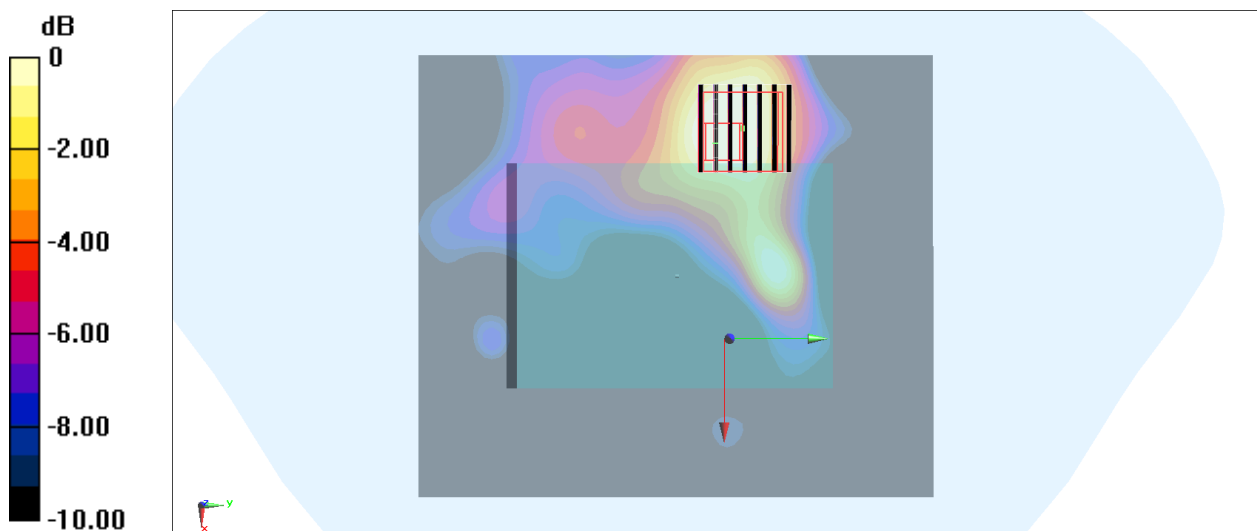
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.27 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.778 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

#13_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.04

Medium: HSL_5G_230426 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.294$ S/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.87, 4.87, 4.87) @ 5775 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.319 W/kg

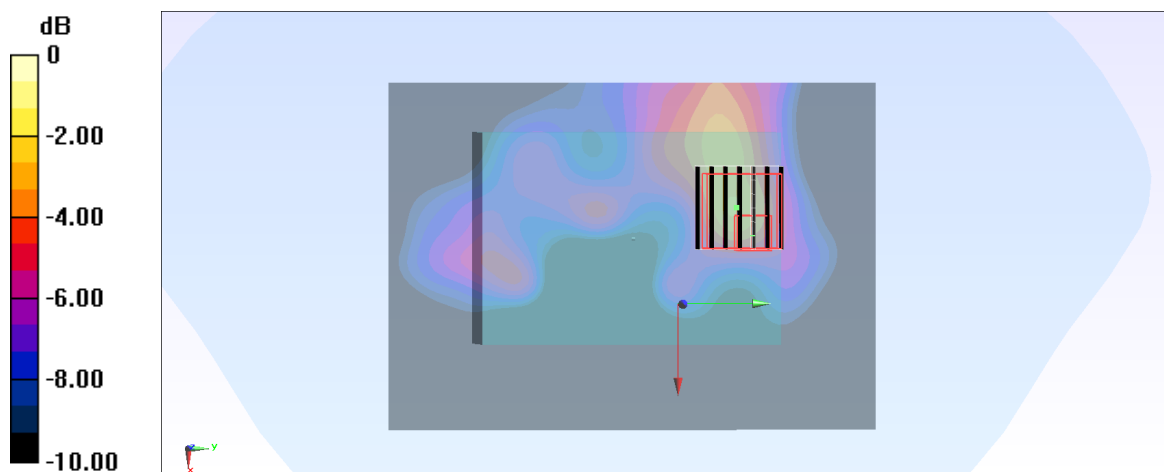
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.421 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.572 W/kg = -2.43 dBW/kg

#14_Bluetooth_1Mbps_Back_0mm_Ch39

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1.298

Medium: HSL_2450_230512 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.427$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.57, 4.57, 4.57) @ 2441 MHz; Calibrated: 2022/10/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: SAM_Left; Type: QD OOO P40 CB; Serial: TP-1477
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0116 W/kg

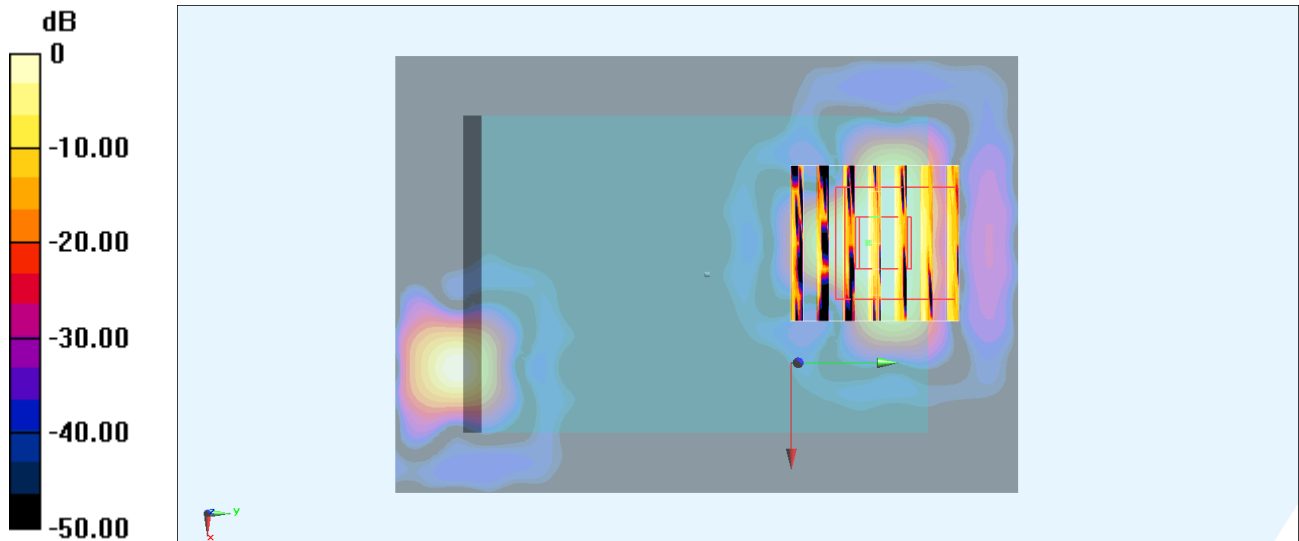
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.004 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00566 W/kg; SAR(10 g) = 0.00205 W/kg

Maximum value of SAR (measured) = 0.00742 W/kg



0 dB = 0.00742 W/kg = -21.30 dBW/kg