

20_GSM850_GPRS (3 Tx slots)_Back_10mm_Ch189

Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 43.253$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(9.86, 9.86, 9.86); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.332 W/kg

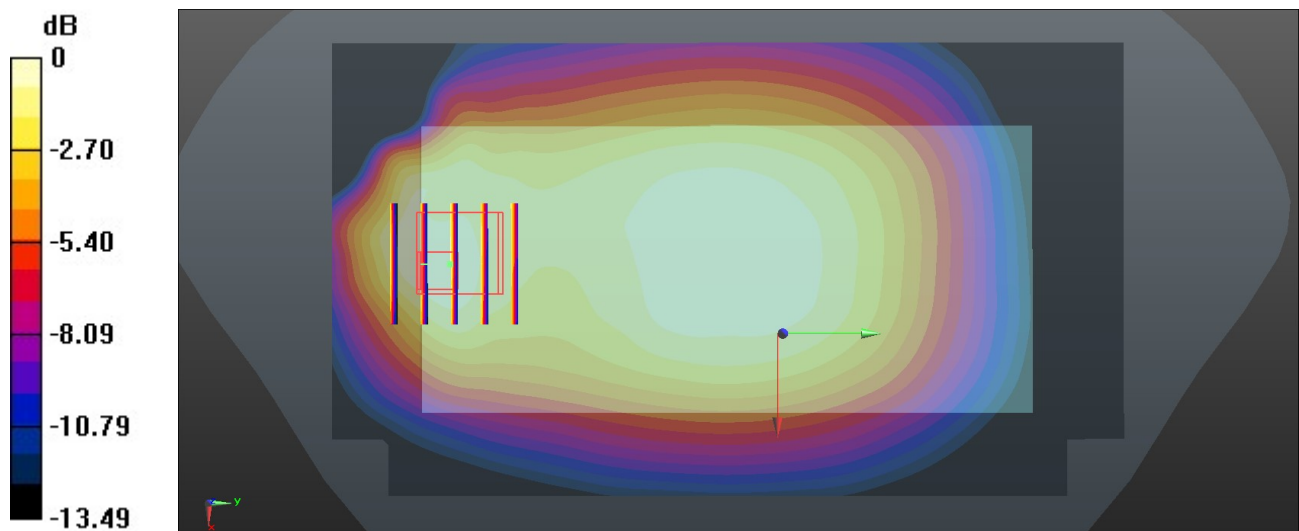
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.08 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

21_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.919$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(9.86, 9.86, 9.86); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.254 W/kg

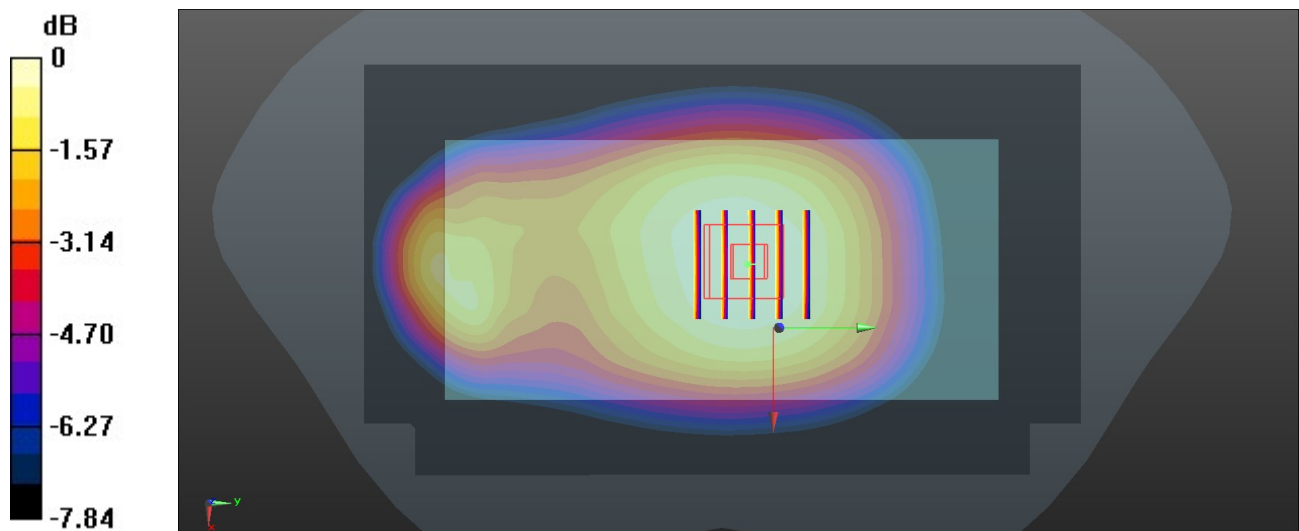
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.14 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

22_LTE Band 5_10M_QPSK_1RB_0Offset_Back_15mm_Ch20525

Communication System: UID 0, LTE-FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.919$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(9.86, 9.86, 9.86); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.287 W/kg

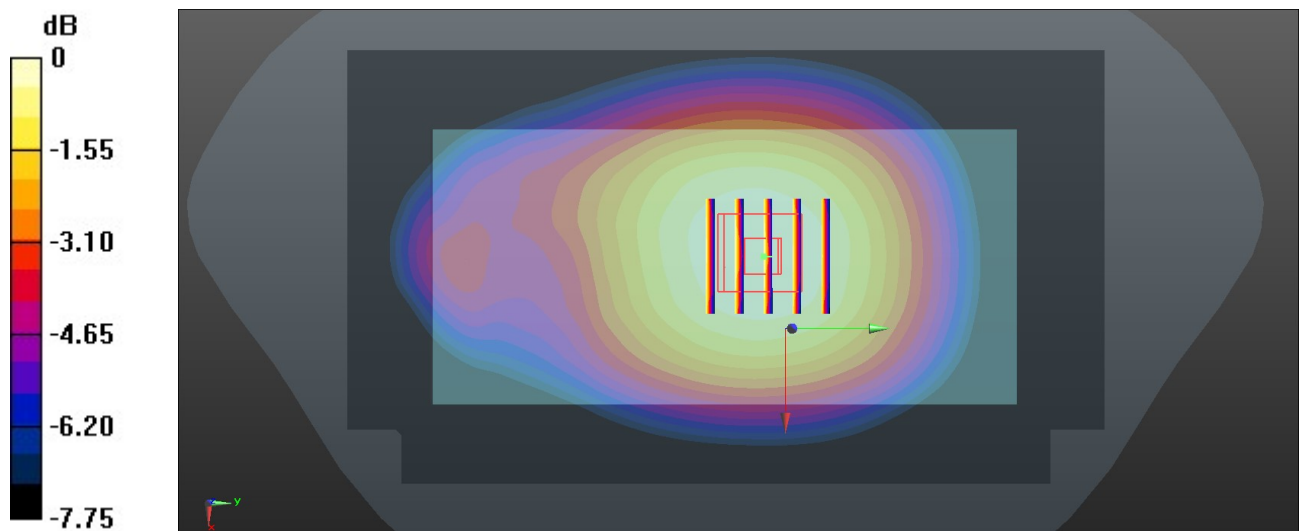
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.489 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

23_LTE Band 7_20M_QPSK_1RB_0Offset_Back_15mm_Ch21100

Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 37.489$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(7.48, 7.48, 7.48); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.634 W/kg

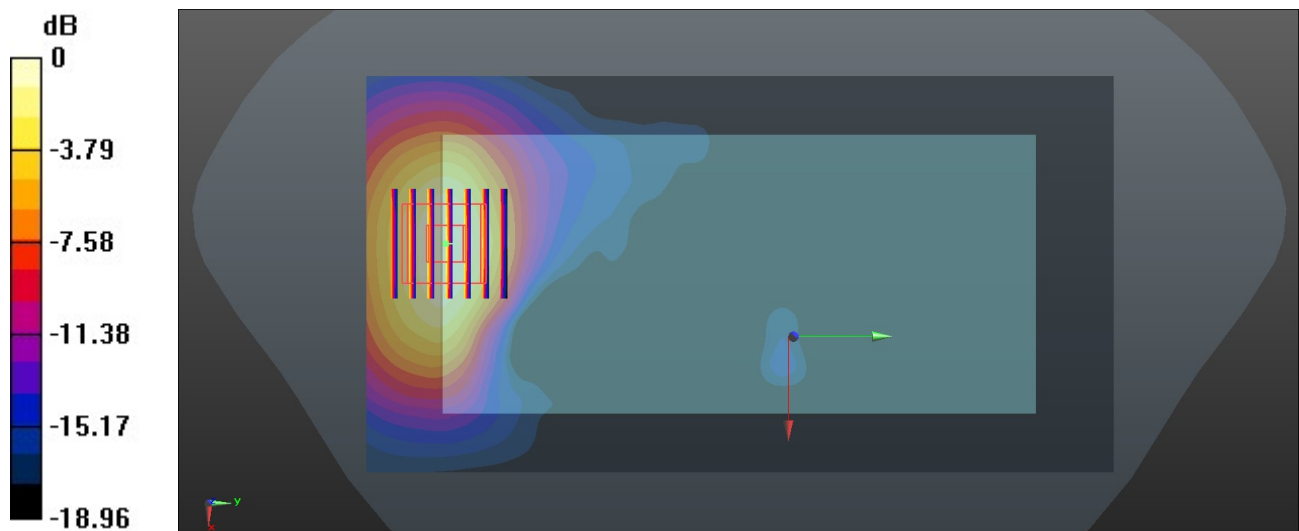
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.917 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.617 W/kg



0 dB = 0.617 W/kg = -2.10 dBW/kg

24_LTE Band 41_20M_QPSK_1RB_0Offset_Front_10mm_Ch40620

Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.936$ S/m; $\epsilon_r = 37.409$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(7.48, 7.48, 7.48); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.882 W/kg

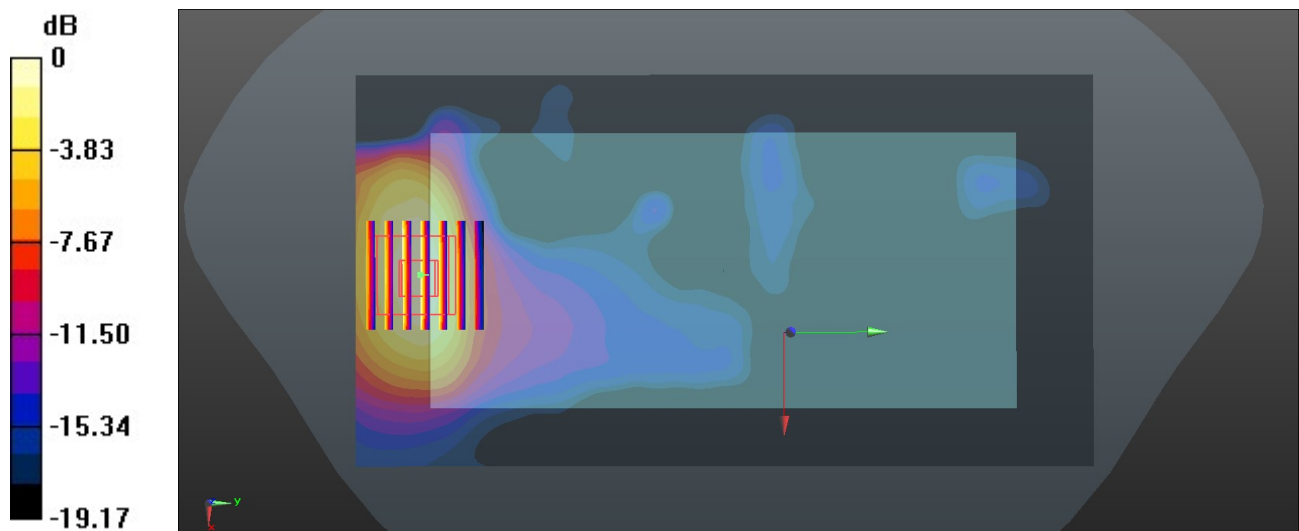
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.301 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 0.997 W/kg



0 dB = 0.997 W/kg = -0.01 dBW/kg

25_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.003
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.787$ S/m; $\epsilon_r = 38.676$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(7.74, 7.74, 7.74); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.302 W/kg

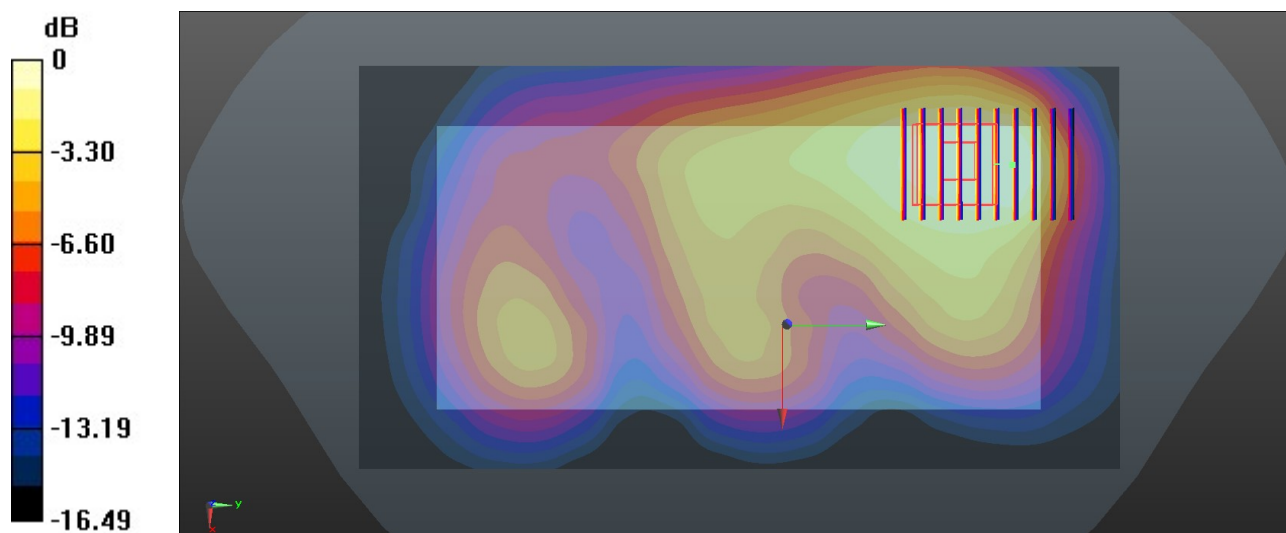
Zoom Scan (7x10x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.335 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.278 W/kg = -5.56 dBW/kg

26_Bluetooth_1Mbps_Back_10mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.834$ S/m; $\epsilon_r = 39.305$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(7.74, 7.74, 7.74); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0388 W/kg

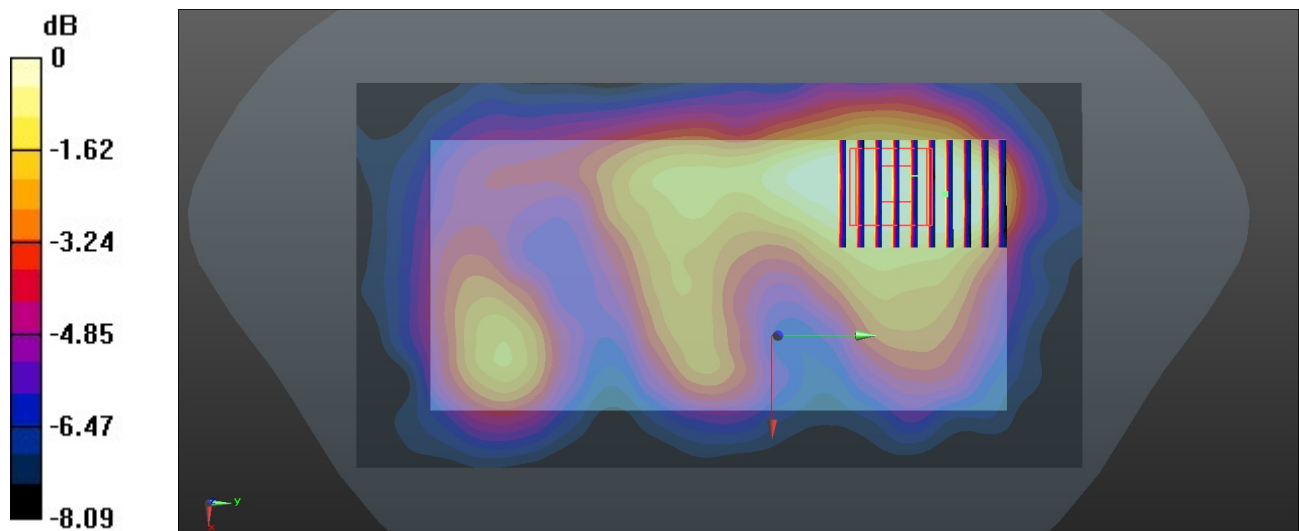
Zoom Scan (7x10x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.305 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0332 W/kg



0 dB = 0.0332 W/kg = -14.79 dBW/kg

27_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch54

Communication System: UID 0, WLAN5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.053

Medium: HSL_5000 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.614$ S/m; $\epsilon_r = 36.229$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(5.2, 5.2, 5.2); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.349 W/kg

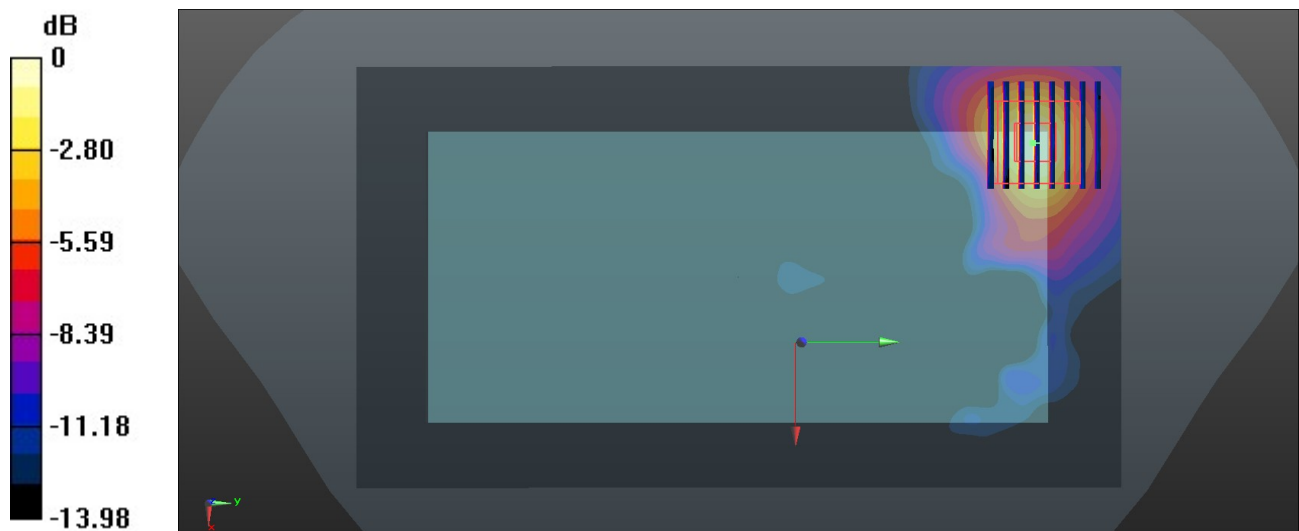
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.645 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.364 W/kg



28_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch122

Communication System: UID 0, WLAN5GHz (0); Frequency: 5610 MHz; Duty Cycle: 1:1.110

Medium: HSL_5000 Medium parameters used: $f = 5610$ MHz; $\sigma = 4.974$ S/m; $\epsilon_r = 35.701$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(4.56, 4.56, 4.56); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x191x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.939 W/kg

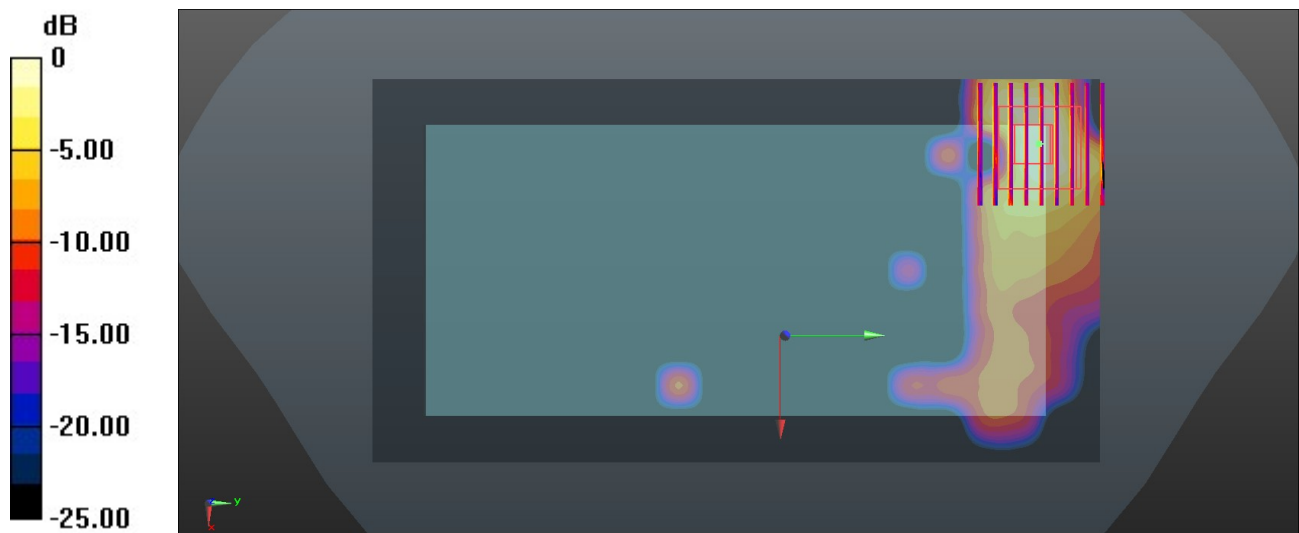
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.615 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.690 W/kg



29_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1.110

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.148$ S/m; $\epsilon_r = 35.475$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(4.75, 4.75, 4.75); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.663 W/kg

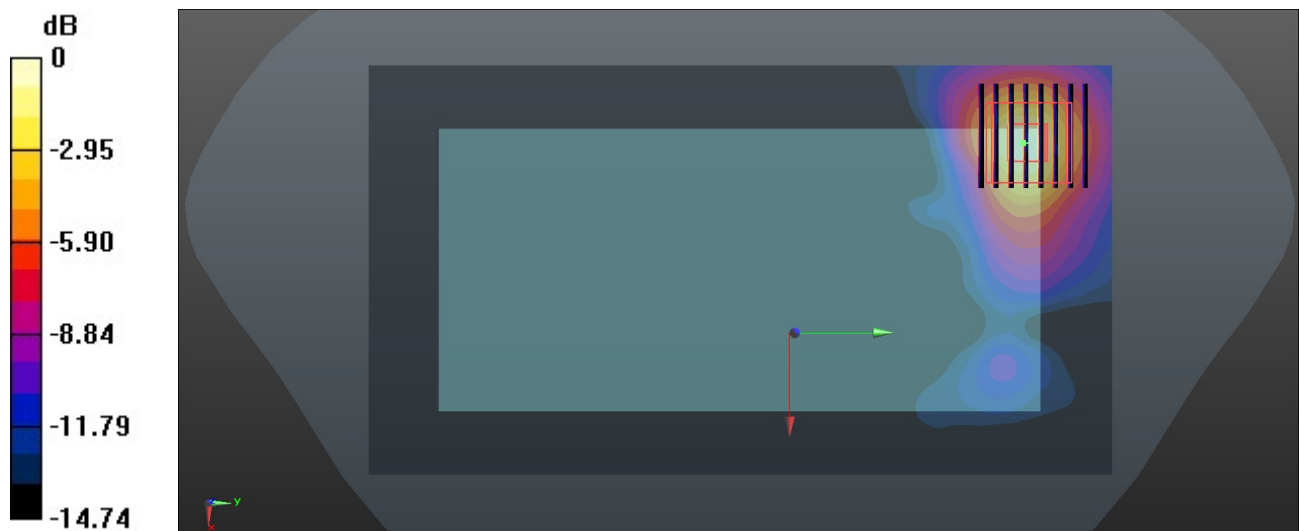
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.499 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.692 W/kg



30_WLAN5GHz_802.11n-HT40 MCS0_Top Side_0mm_Ch54

Communication System: UID 0, WLAN5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.053

Medium: HSL_5000 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.614$ S/m; $\epsilon_r = 36.229$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(5.2, 5.2, 5.2); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.25 W/kg

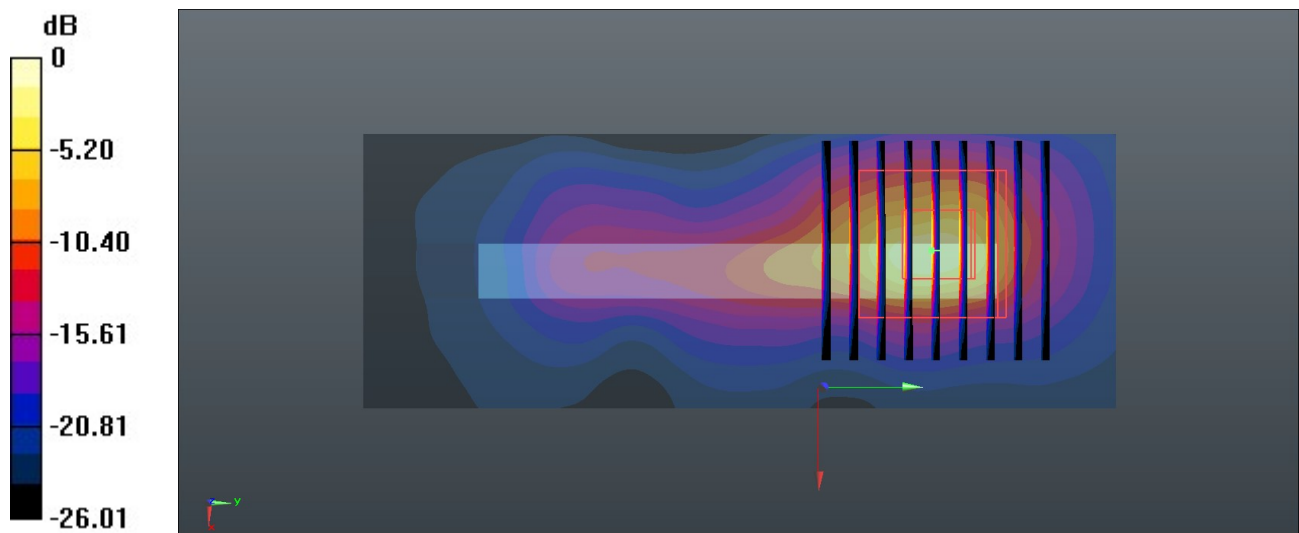
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.19 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 6.91 W/kg



0 dB = 6.91 W/kg = 8.39 dBW/kg

31_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_0mm_Ch122

Communication System: UID 0, WLAN5GHz (0); Frequency: 5610 MHz; Duty Cycle: 1:1.110

Medium: HSL_5000 Medium parameters used: $f = 5610$ MHz; $\sigma = 4.974$ S/m; $\epsilon_r = 35.701$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7796; ConvF(4.56, 4.56, 4.56); Calibrated: 2022/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2022/12/15
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.26 W/kg

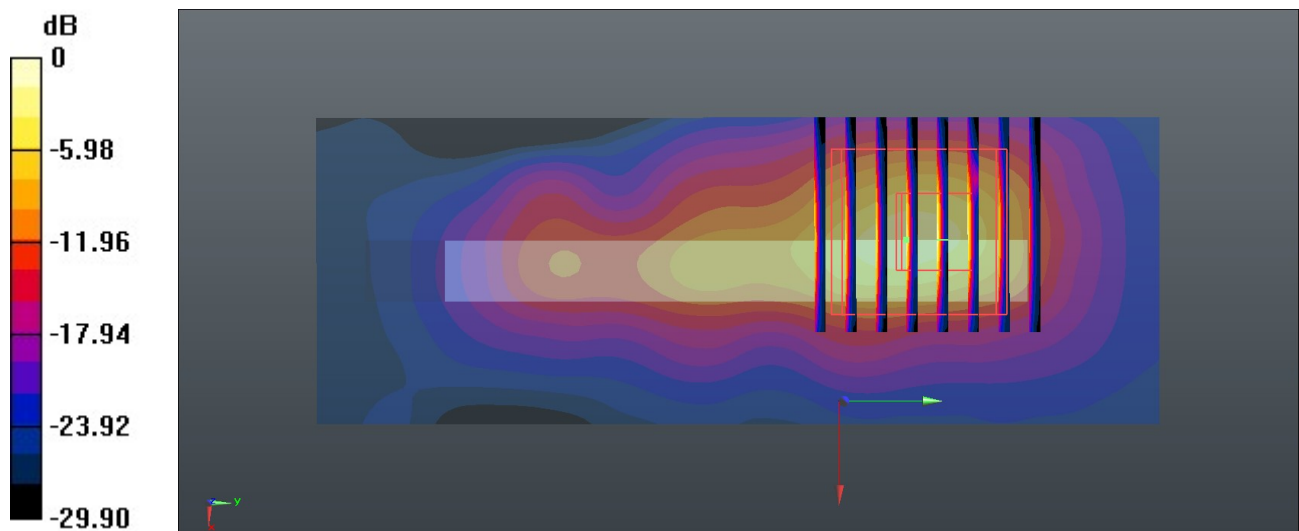
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.89 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 21.0 W/kg

SAR(1 g) = 3.22 W/kg; SAR(10 g) = 0.729 W/kg

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg