

52_LTE Band 7_20M_QPSK_1RB_0Offset_Back_5mm_Ch21350

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 40.214$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.38 W/kg

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

Reference Value = 5.116 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.475 W/kg

Maximum value of SAR (measured) = 1.43 W/kg

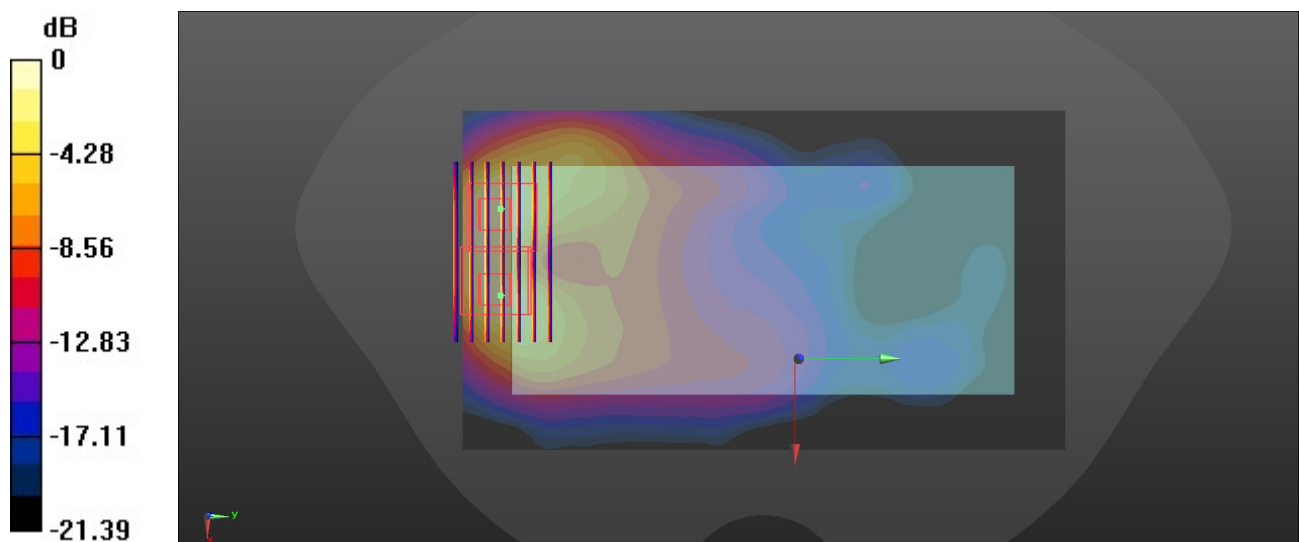
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.116 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

53_LTE Band 41_20M_QPSK_1RB_0Offset_Back_5mm_Ch41490

Communication System: UID 0, LTE-TDD (0); Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.104$ S/m; $\epsilon_r = 40.063$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.30 W/kg

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

Reference Value = 4.273 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 1.38 W/kg

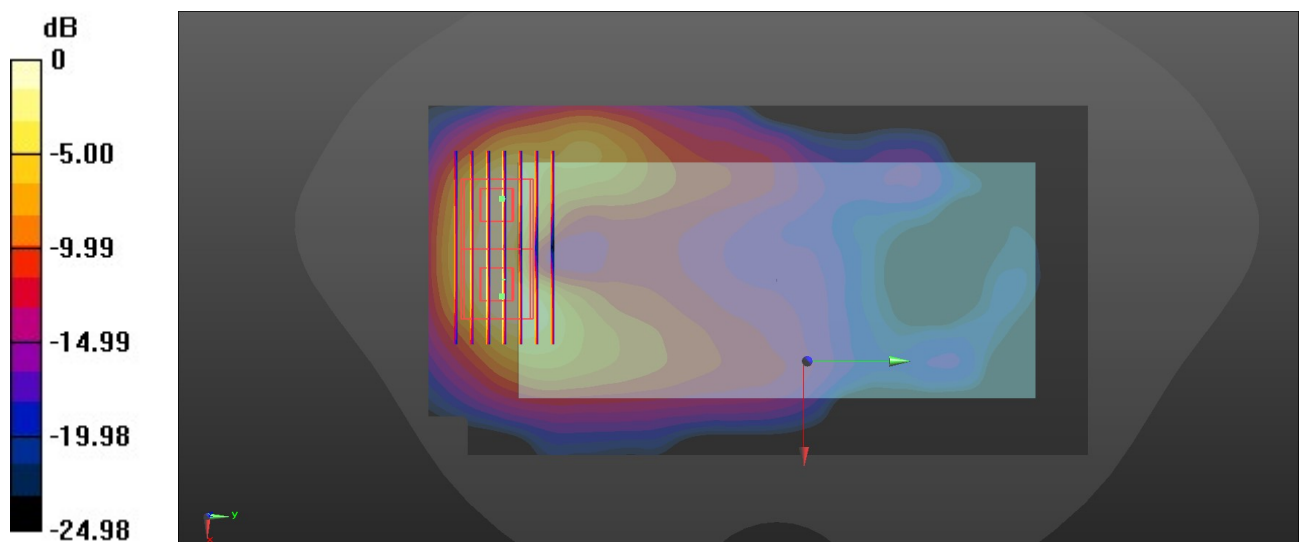
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.273 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

54_FR1 n7_40M_QPSK_1RB_1Offset_Back_5mm_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 40.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.04 W/kg

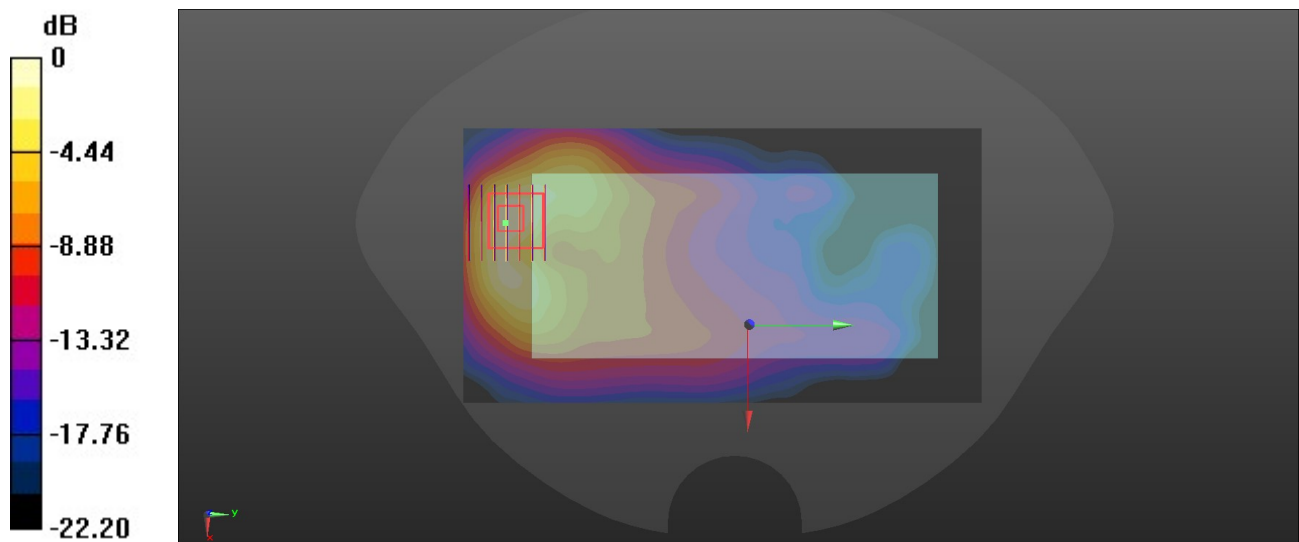
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.376 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

55_FR1 n41_100M_QPSK_135RB_69Offset_Back_5mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 2.031$ S/m; $\epsilon_r = 40.321$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.28 W/kg

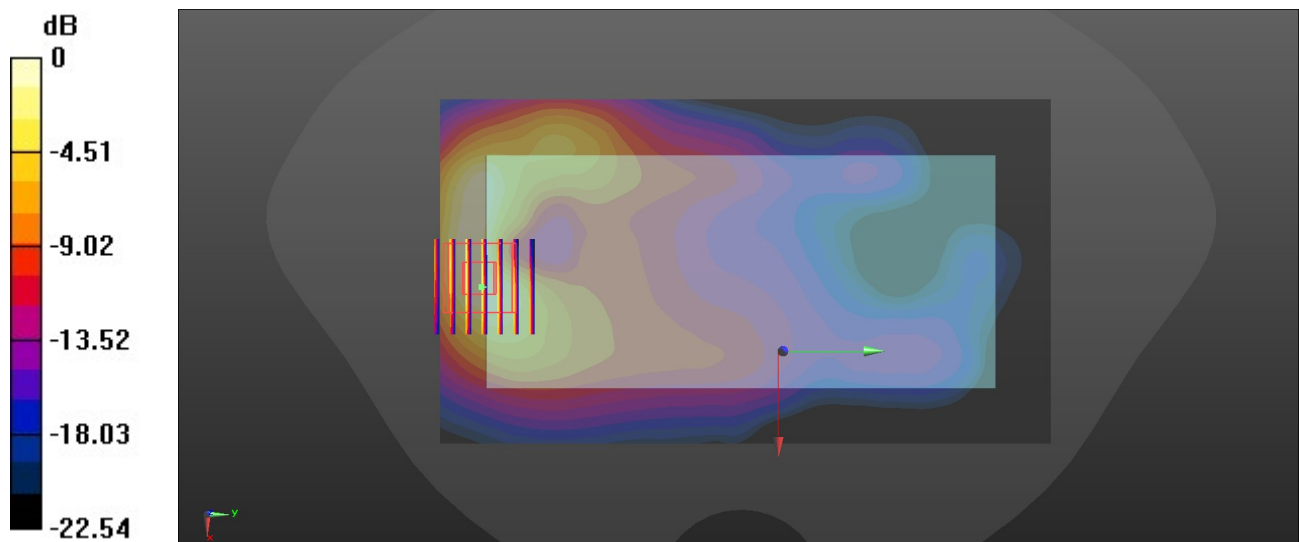
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.298 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.451 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

56_LTE Band 42_20M_QPSK_1RB_0Offset_Back_5mm_Ch42990

Communication System: UID 0, LTE-TDD (0); Frequency: 3540 MHz; Duty Cycle: 1:1.59

Medium: HSL_3500 Medium parameters used: $f = 3540$ MHz; $\sigma = 2.84$ S/m; $\epsilon_r = 38.654$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.11, 7.11, 7.11); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type:QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.18 W/kg

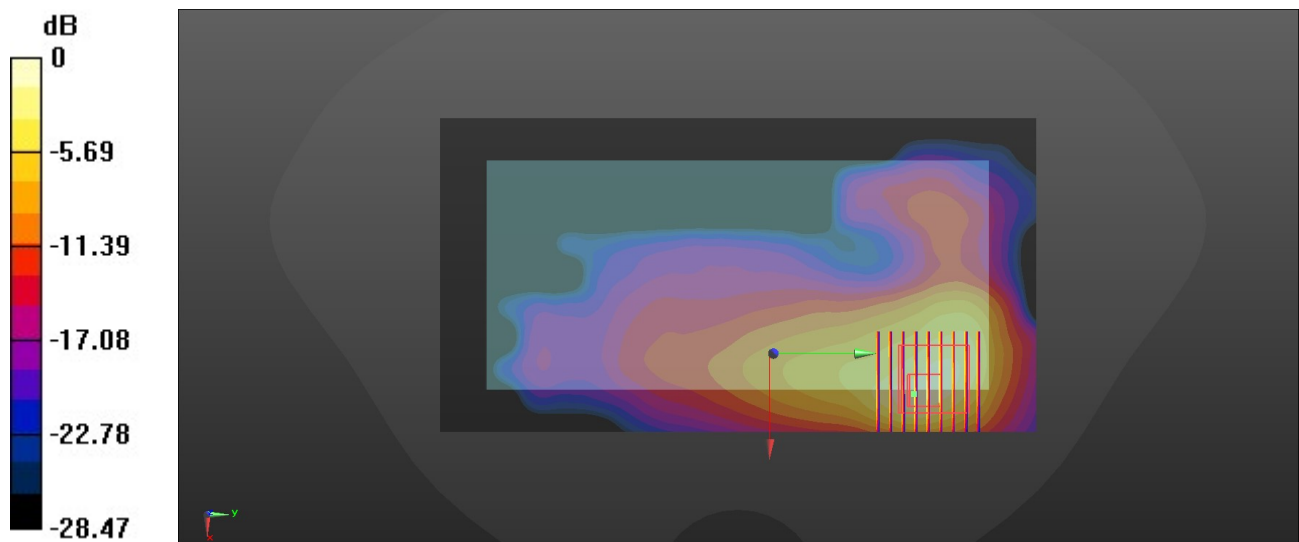
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.318 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.257 W/kg

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



0 dB = 1.14 W/kg = 0.57 dBW/kg

57_FR1 n77_100M_QPSK_1RB_1Offset_Back_5mm_Ch656000

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL_3900 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.109$ S/m; $\epsilon_r = 38.146$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(6.74, 6.74, 6.74); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 2.26 W/kg

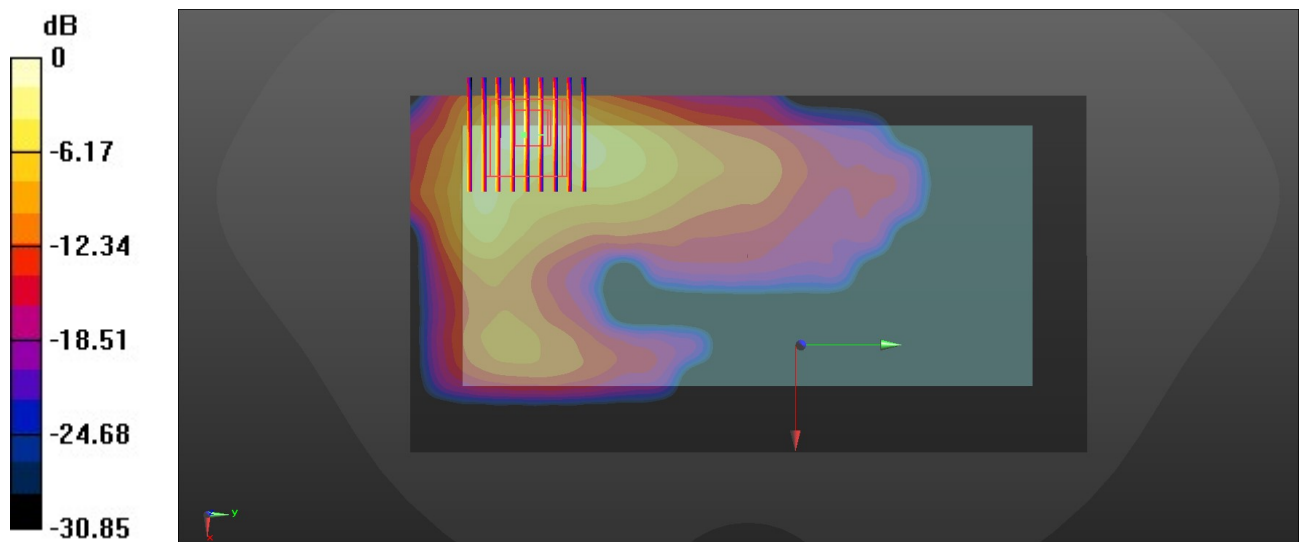
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.269 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 2.29 W/kg = 3.60 dBW/kg

58_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch11

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2462 MHz; Duty Cycle: 1:1.014
Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 37.48$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.13 W/kg

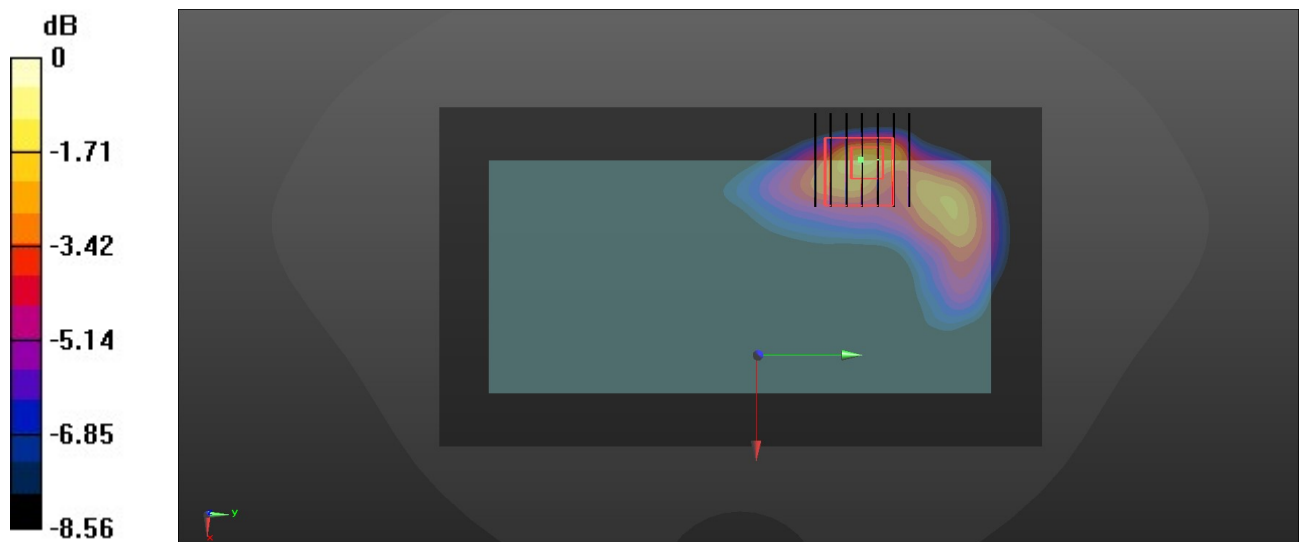
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.993 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



59_Bluetooth_1Mbps_Back_5mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.303

Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.488$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.182 W/kg

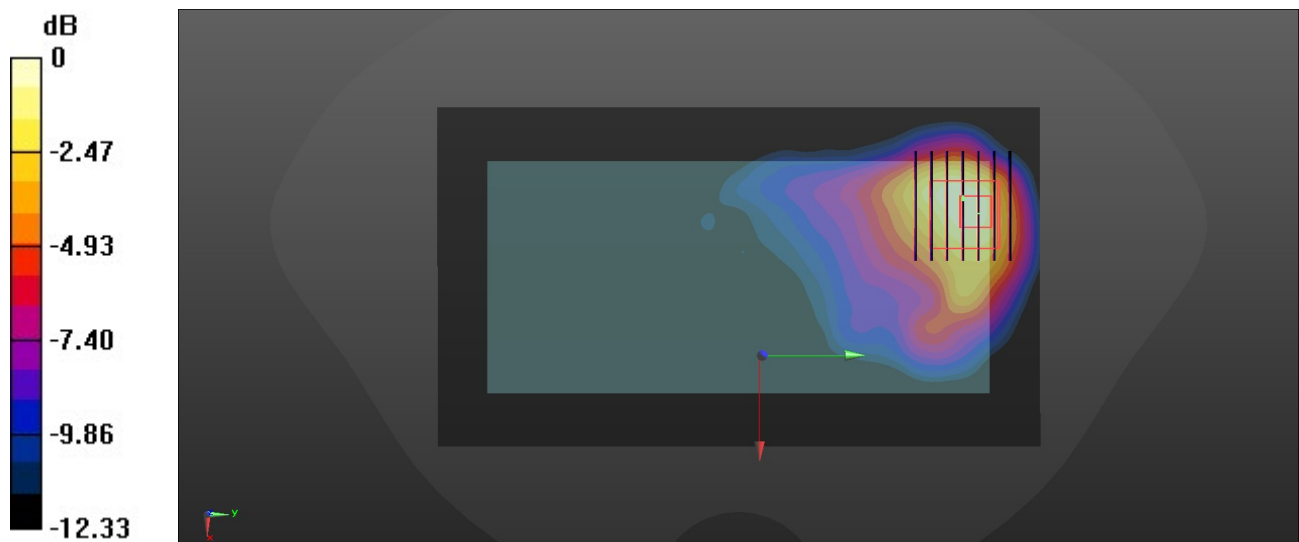
Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.714 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

60_WLAN5GHz_802.11n-HT40 MCS0_Back_5mm_Ch54

Communication System: UID 0, WLAN5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.038

Medium: HSL_5000 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.661$ S/m; $\epsilon_r = 36.558$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

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

Reference Value = 3.900 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.10 W/kg

SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 1.88 W/kg

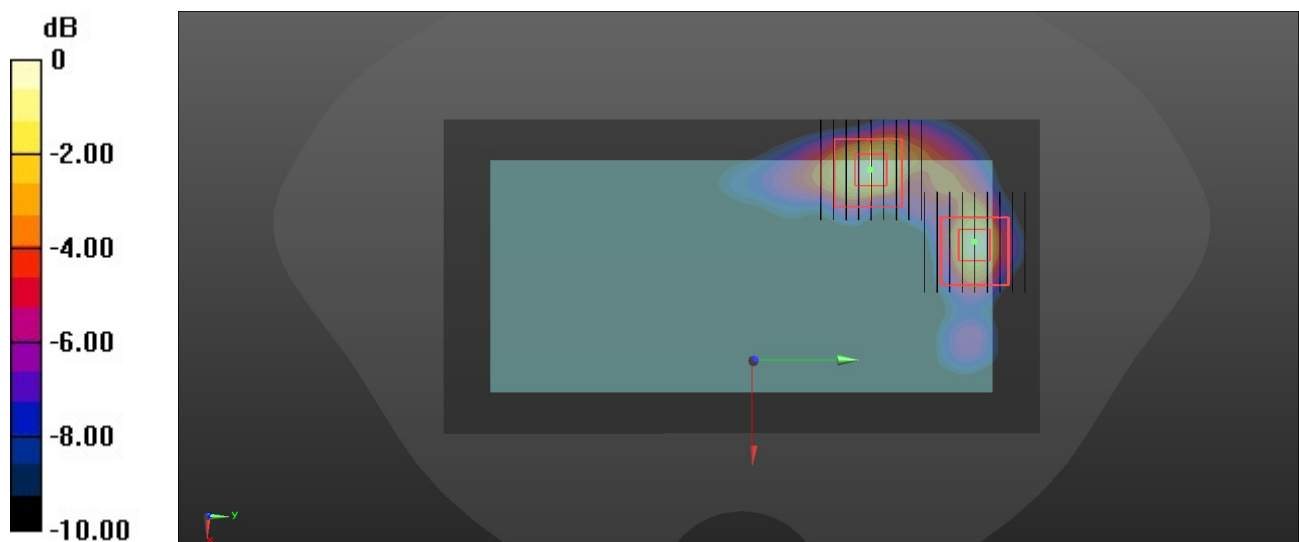
Zoom Scan (9x9x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.900 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.03 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

61_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch138

Communication System: UID 0, WLAN5GHz (0); Frequency: 5690 MHz; Duty Cycle: 1:1.075

Medium: HSL_5000 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.097$ S/m; $\epsilon_r = 35.811$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32 , 5.32); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.77 W/kg

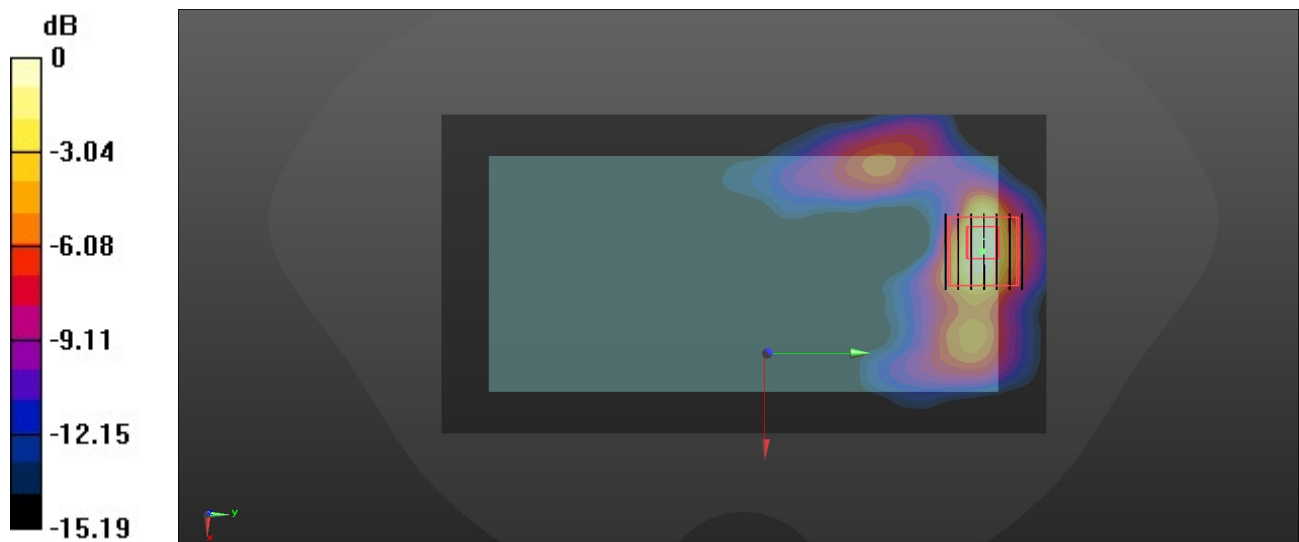
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.076 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



62_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1.075

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.235$ S/m; $\epsilon_r = 35.695$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32 , 5.32); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.92 W/kg

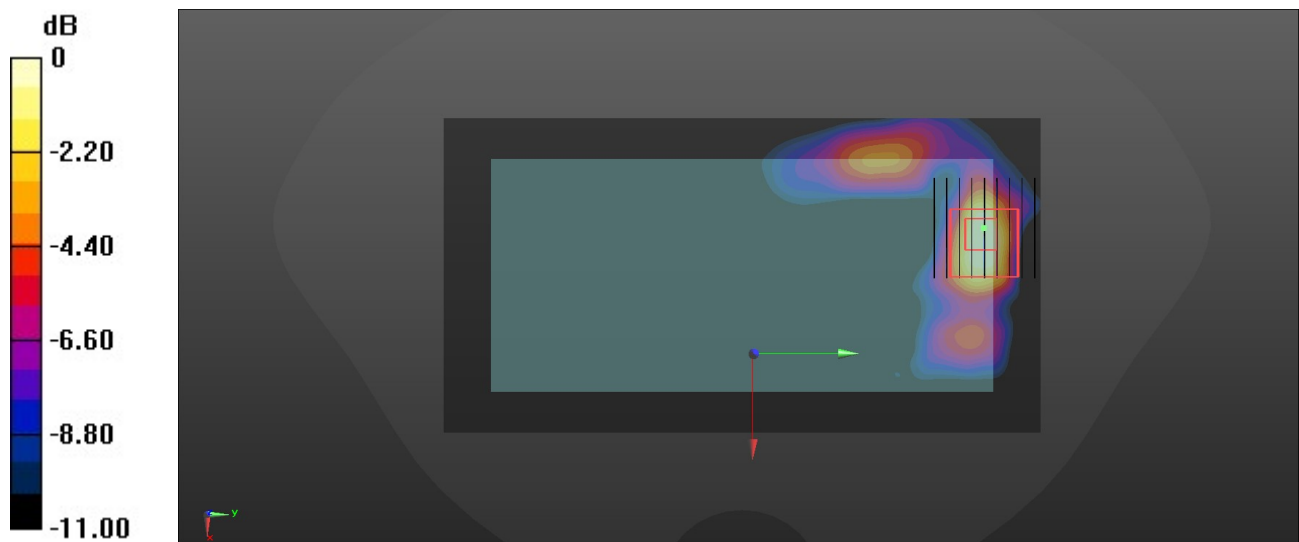
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.906 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 1.86 W/kg



63_WCDMA V_RMC 12.2Kbps_Back_0mm_Ch4132

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 42.546$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.27, 6.27, 6.27); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 3.86 W/kg

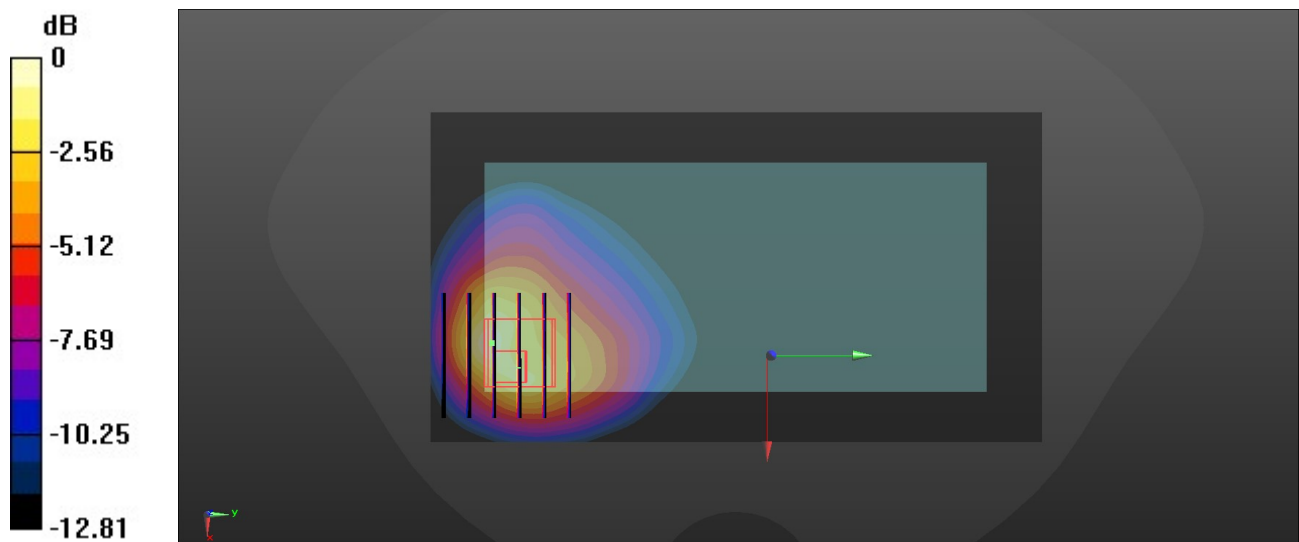
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.24 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.11 W/kg

SAR(1 g) = 2.96 W/kg; SAR(10 g) = 1.5 W/kg

Maximum value of SAR (measured) = 4.10 W/kg



0 dB = 4.10 W/kg = 6.13 dBW/kg

64_LTE Band 26_15M_QPSK_1RB_0Offset_Back_0mm_Ch26865

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 42.534$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.27, 6.27, 6.27); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 3.63 W/kg

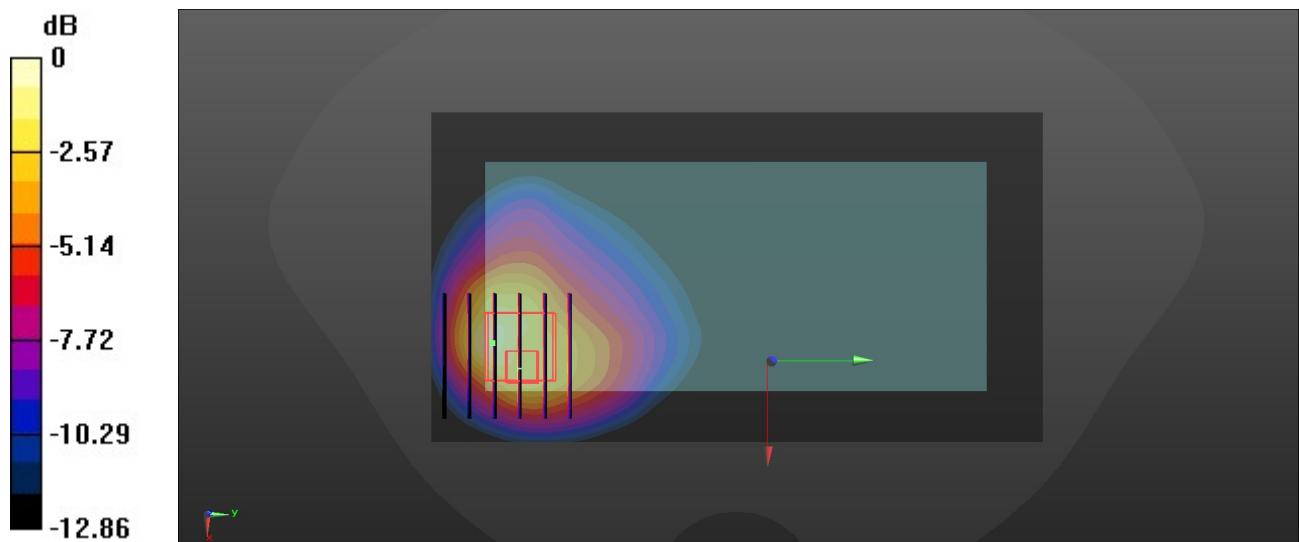
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.11 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 7.22 W/kg

SAR(1 g) = 2.76 W/kg; SAR(10 g) = 1.43 W/kg

Maximum value of SAR (measured) = 3.98 W/kg



0 dB = 3.98 W/kg = 6.00 dBW/kg

65_GSM1900_GPRS (2 Tx slots)_Back_0mm_Ch512

Communication System: UID 0, PCS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.14, 5.14, 5.14); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 7.13 W/kg

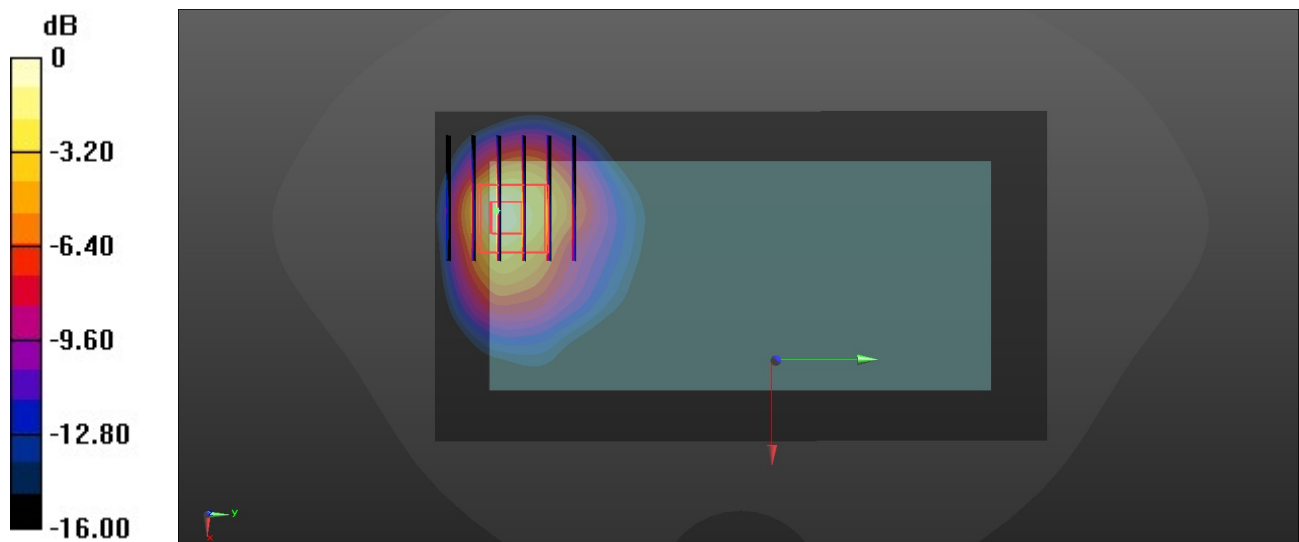
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.850 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 5.42 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 7.00 W/kg



0 dB = 7.00 W/kg = 8.45 dBW/kg

66_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9400

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 38.749$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.14, 5.14, 5.14); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 7.22 W/kg

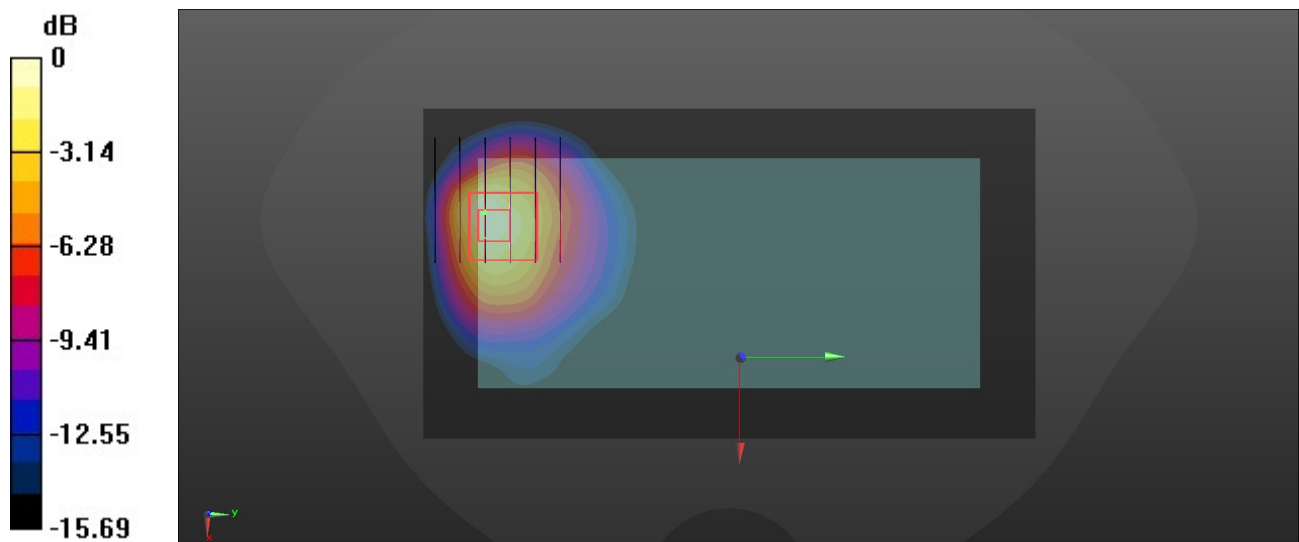
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.409 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 7.00 W/kg



0 dB = 7.00 W/kg = 8.45 dBW/kg

67_LTE Band 2_20M_QPSK_1RB_0Offset_Back_0mm_Ch18700

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 38.786$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.14, 5.14, 5.14); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.00 W/kg

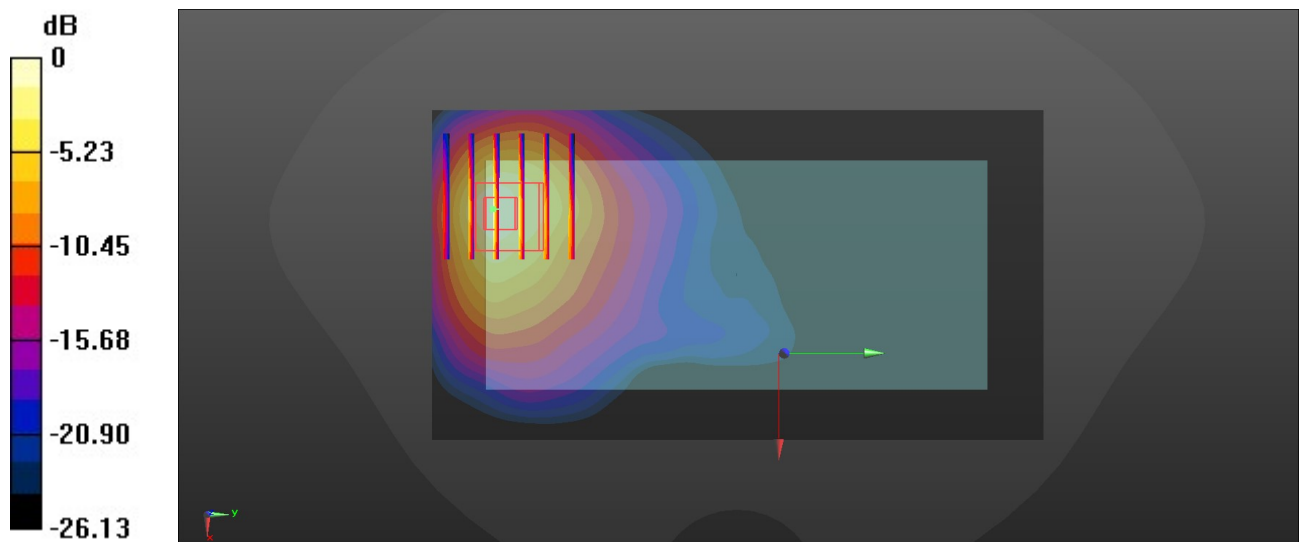
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.346 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 5.7 W/kg; SAR(10 g) = 2.62 W/kg

Maximum value of SAR (measured) = 7.57 W/kg



0 dB = 7.57 W/kg = 8.79 dBW/kg

68_LTE Band 7_20M_QPSK_1RB_0Offset_Bottom Side_0mm_Ch21350

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 40.214$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

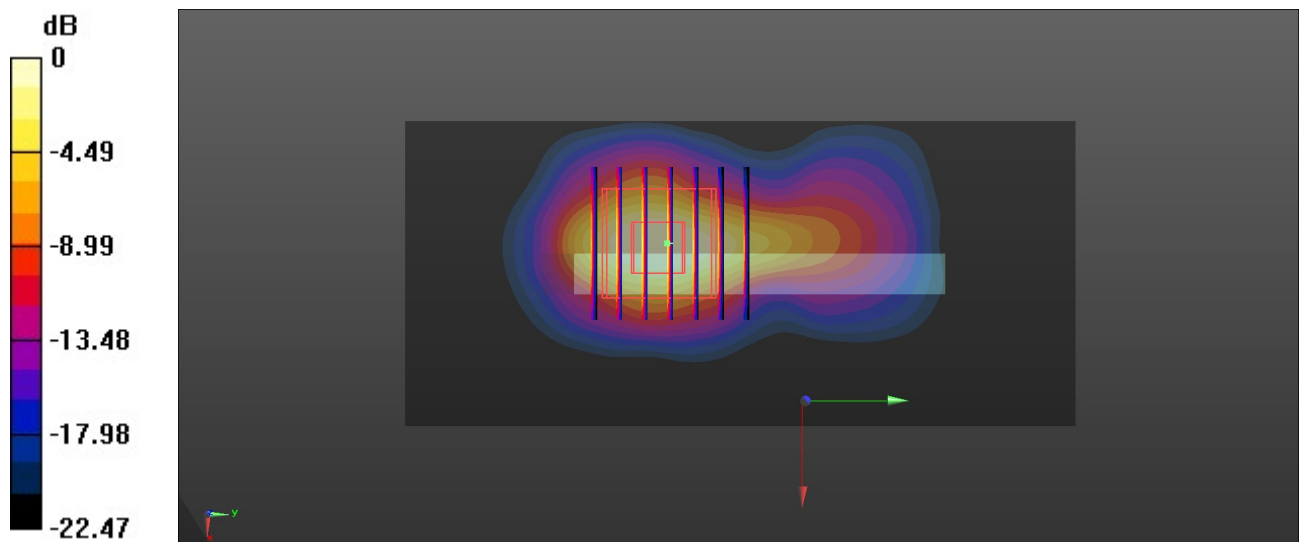
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.15 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 6.47 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 9.36 W/kg



0 dB = 9.36 W/kg = 9.71 dBW/kg

69_LTE Band 41_HPUE_20M_QPSK_1RB_0Offset_Bottom Side_0mm_Ch41490

Communication System: UID 0, LTE-HPUE (0); Frequency: 2680 MHz; Duty Cycle: 1:2.33

Medium: HSL_2600 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.104$ S/m; $\epsilon_r = 40.063$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 12.7 W/kg

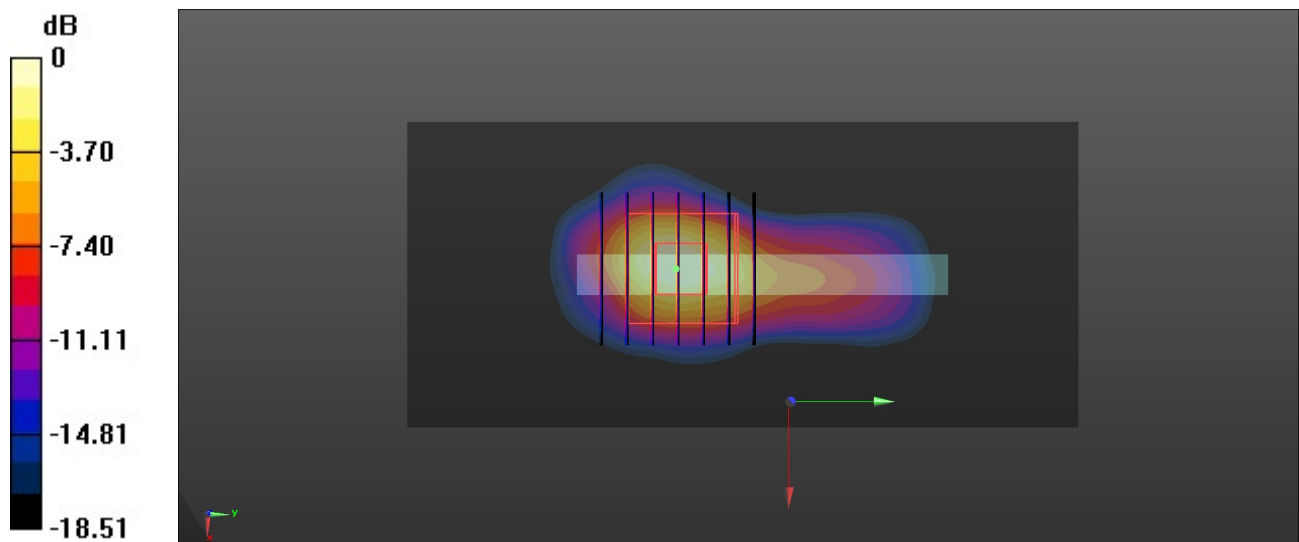
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.75 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 21.1 W/kg

SAR(1 g) = 7.18 W/kg; SAR(10 g) = 2.57 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

70_FR1 n7_40M_QPSK_1RB_1Offset_Bottom Side_0mm_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 40.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 8.80 W/kg

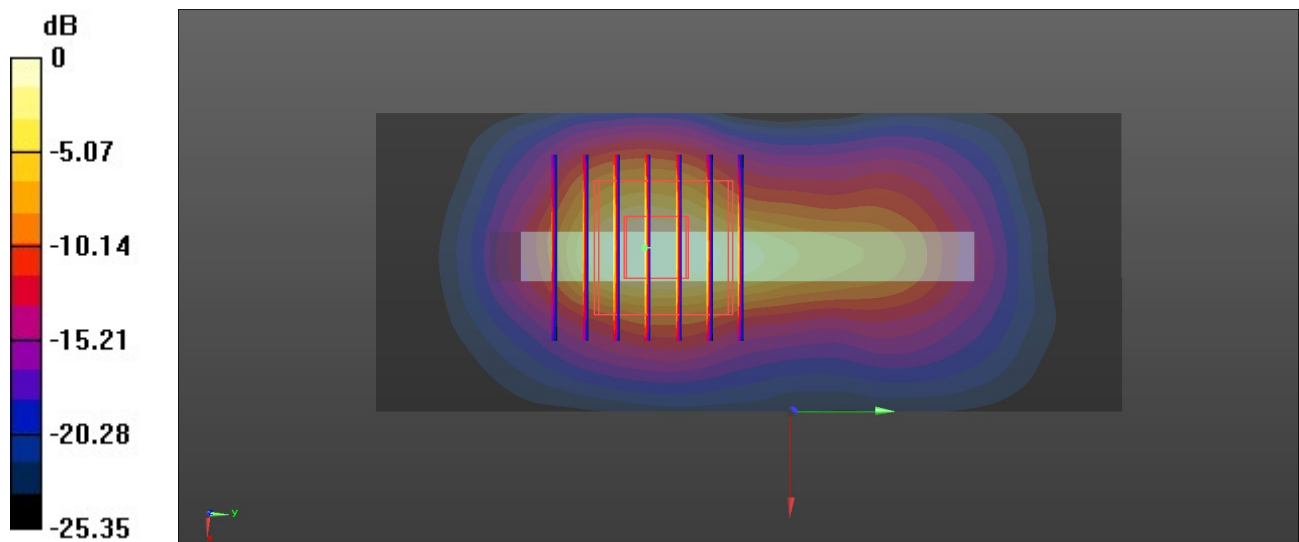
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 50.93 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 5.69 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 8.39 W/kg



0 dB = 8.39 W/kg = 9.24 dBW/kg

71_FR1 n41_100M_QPSK_1RB_1Offset_Bottom Side_0mm_Ch518598

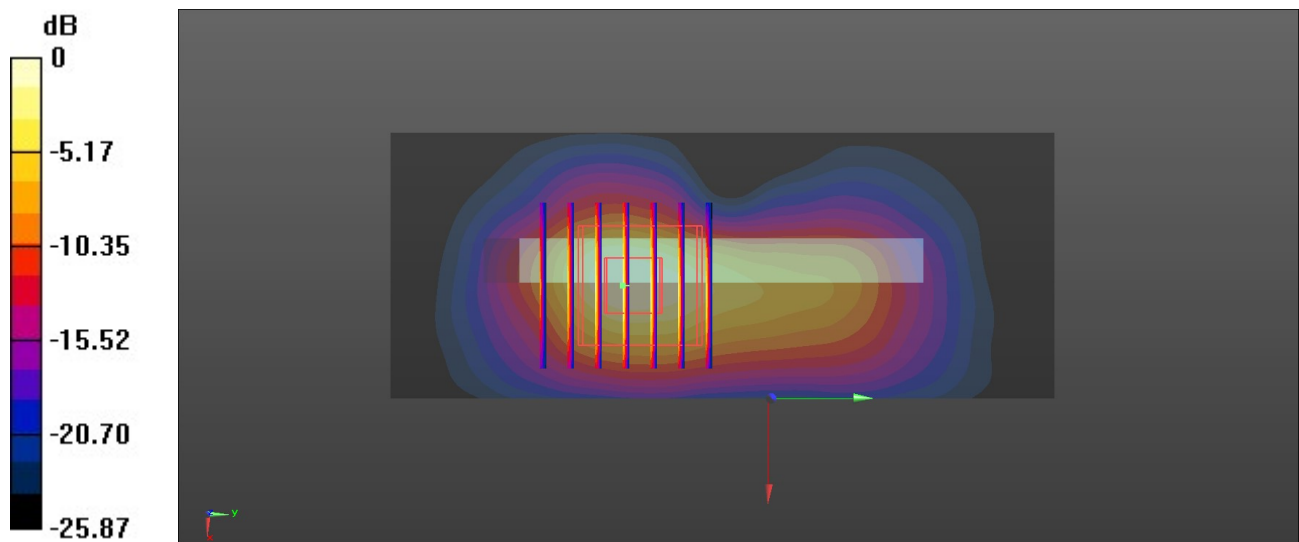
Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 2.031$ S/m; $\epsilon_r = 40.321$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.69, 4.69, 4.69); Calibrated: 2023/11/30
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 8.46 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.95 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 5.89 W/kg; SAR(10 g) = 2.44 W/kg
Maximum value of SAR (measured) = 7.91 W/kg



0 dB = 7.91 W/kg = 8.98 dBW/kg

72_LTE Band 42_20M_QPSK_1RB_0Offset_Back_0mm_Ch42590

Communication System: UID 0, LTE-TDD (0); Frequency: 3500 MHz; Duty Cycle: 1:1.59

Medium: HSL_3500 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.81$ S/m; $\epsilon_r = 38.714$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.11, 7.11, 7.11); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type:QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 5.62 W/kg

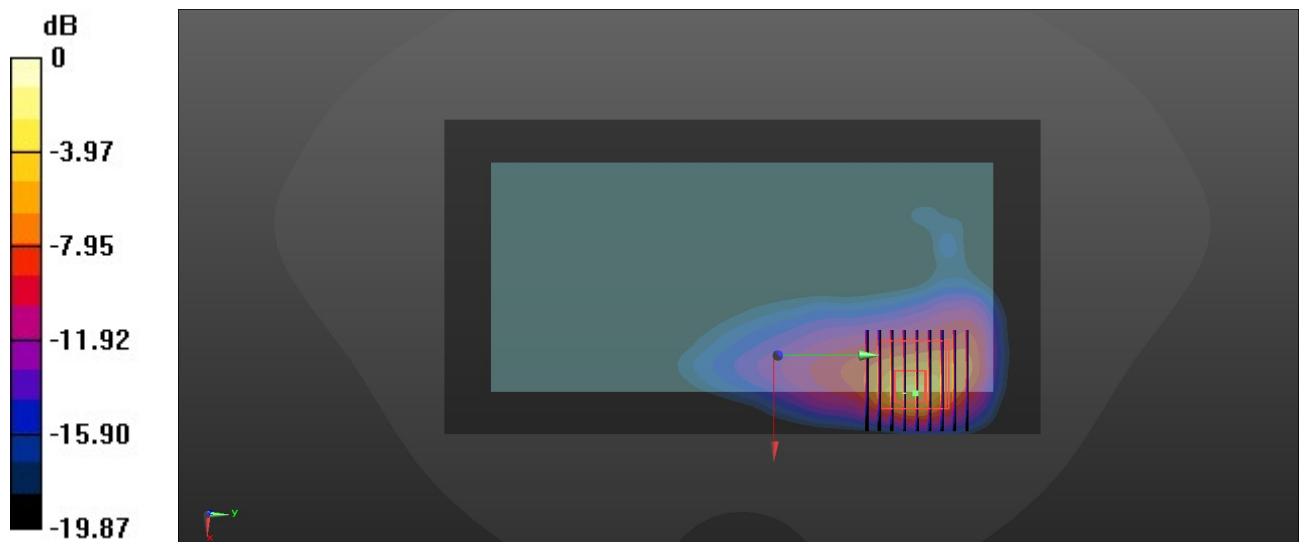
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.814 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 4.91 W/kg; SAR(10 g) = 1.39 W/kg

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

73_FR1 n77_100M_QPSK_1RB_1Offset_Right Side_0mm_Ch656000

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL_3900 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.109$ S/m; $\epsilon_r = 38.146$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(6.74, 6.74, 6.74); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.9 W/kg

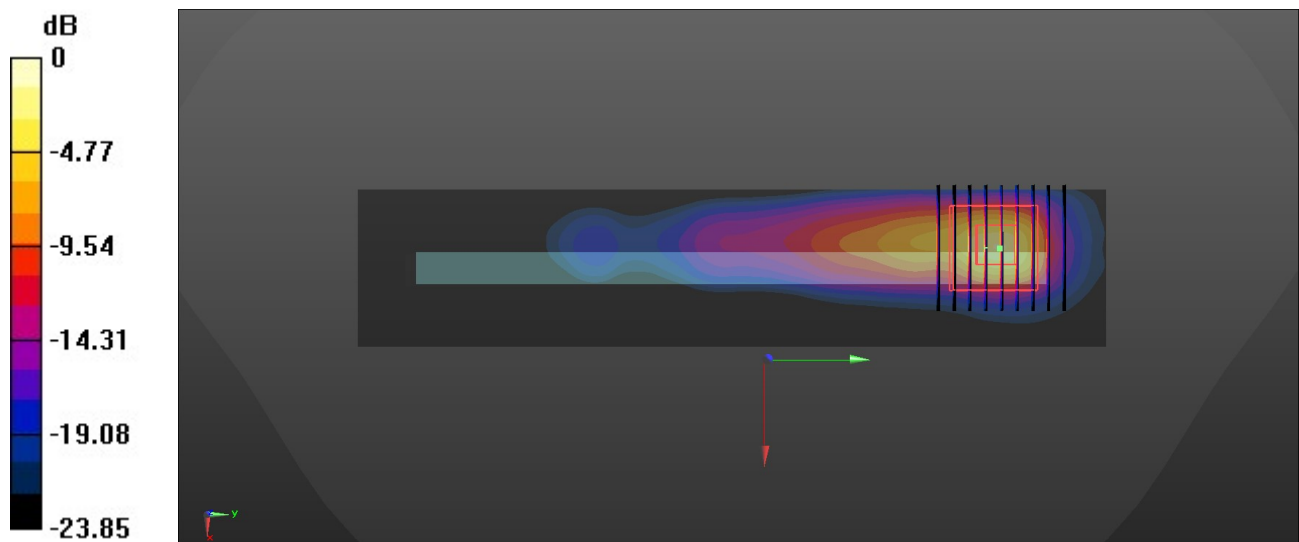
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.23 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 47.7 W/kg

SAR(1 g) = 8.96 W/kg; SAR(10 g) = 2.40 W/kg

Maximum value of SAR (measured) = 25.0 W/kg



0 dB = 25.0 W/kg = 13.98 dBW/kg

74_WLAN2.4GHz_802.11b 1Mbps_Top Side_0mm_Ch6

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.014

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 37.488$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 9.74 W/kg

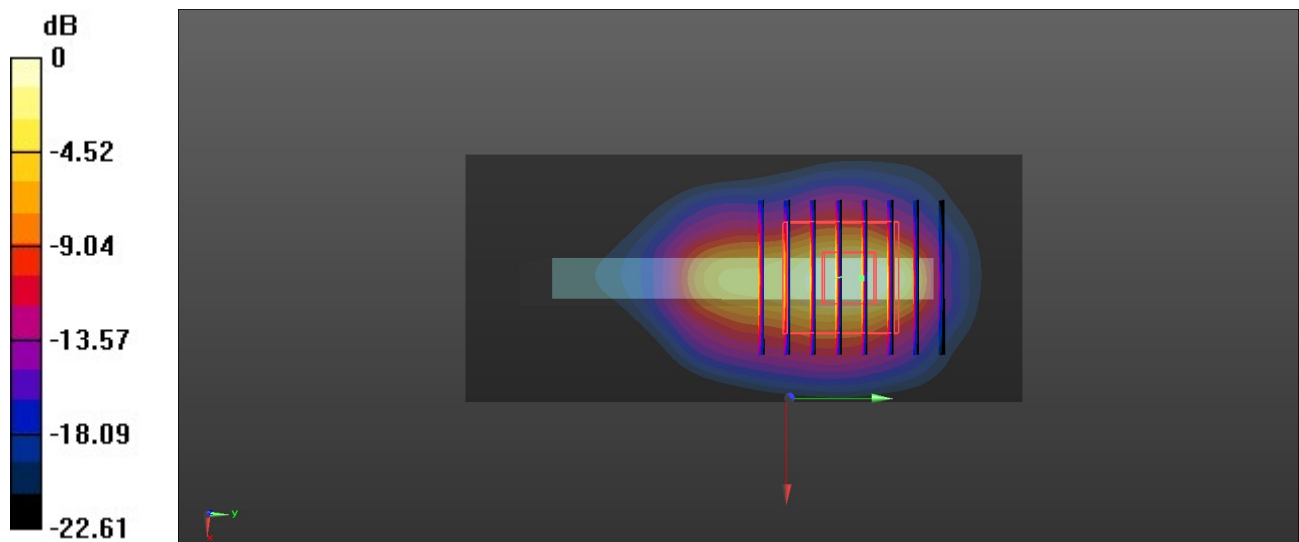
Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.78 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 13.4 W/kg

SAR(1 g) = 4.64 W/kg; SAR(10 g) = 1.63 W/kg

Maximum value of SAR (measured) = 9.64 W/kg



0 dB = 9.64 W/kg = 9.84 dBW/kg

75_WLAN5GHz_802.11n-HT20 MCS0_Top Side_0mm_Ch48

Communication System: UID 0, WLAN5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.023

Medium: HSL_5000 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.607$ S/m; $\epsilon_r = 36.477$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 19.1 W/kg

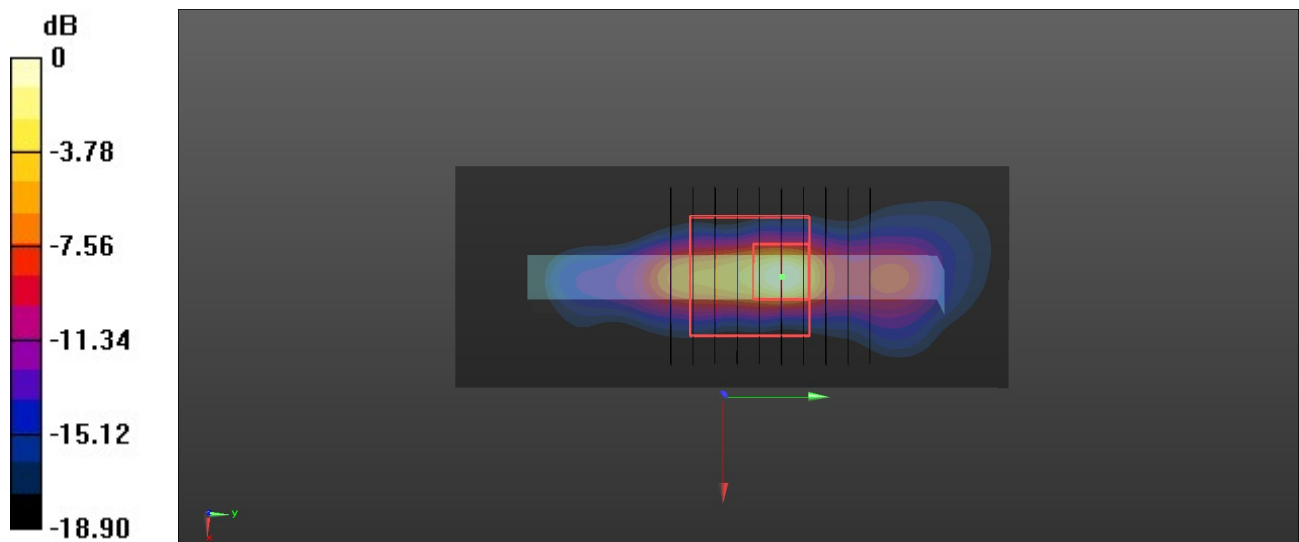
Zoom Scan (9x10x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 43.41 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 37.5 W/kg

SAR(1 g) = 5.01 W/kg; SAR(10 g) = 1.04 W/kg

Maximum value of SAR (measured) = 18.2 W/kg



0 dB = 18.2 W/kg = 12.60 dBW/kg

76_WLAN5GHz_802.11n-HT20 MCS0_Right Side_0mm_Ch60

Communication System: UID 0, WLAN5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1.023
Medium: HSL_5000 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.643$ S/m; $\epsilon_r = 36.54$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.84 W/kg

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

Reference Value = 18.56 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 20.8 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 0.995 W/kg

Maximum value of SAR (measured) = 9.14 W/kg

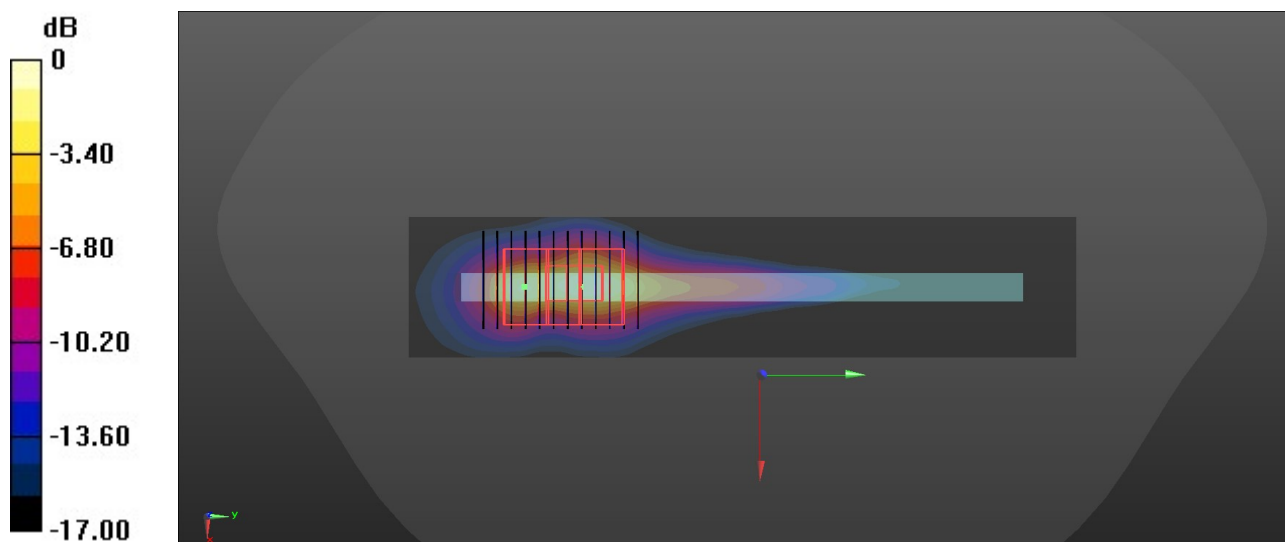
Zoom Scan (8x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.56 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 21.4 W/kg

SAR(1 g) = 2.96 W/kg; SAR(10 g) = 0.893 W/kg

Maximum value of SAR (measured) = 8.98 W/kg



0 dB = 8.98 W/kg = 9.53 dBW/kg

77_WLAN5GHz_802.11n-HT40 MCS0_Top Side_0mm_Ch110

Communication System: UID 0, WLAN5GHz (0); Frequency: 5550 MHz; Duty Cycle: 1:1.038
Medium: HSL_5000 Medium parameters used: $f = 5550$ MHz; $\sigma = 4.97$ S/m; $\epsilon_r = 35.987$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.1, 5.1 , 5.1); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 35.7 W/kg

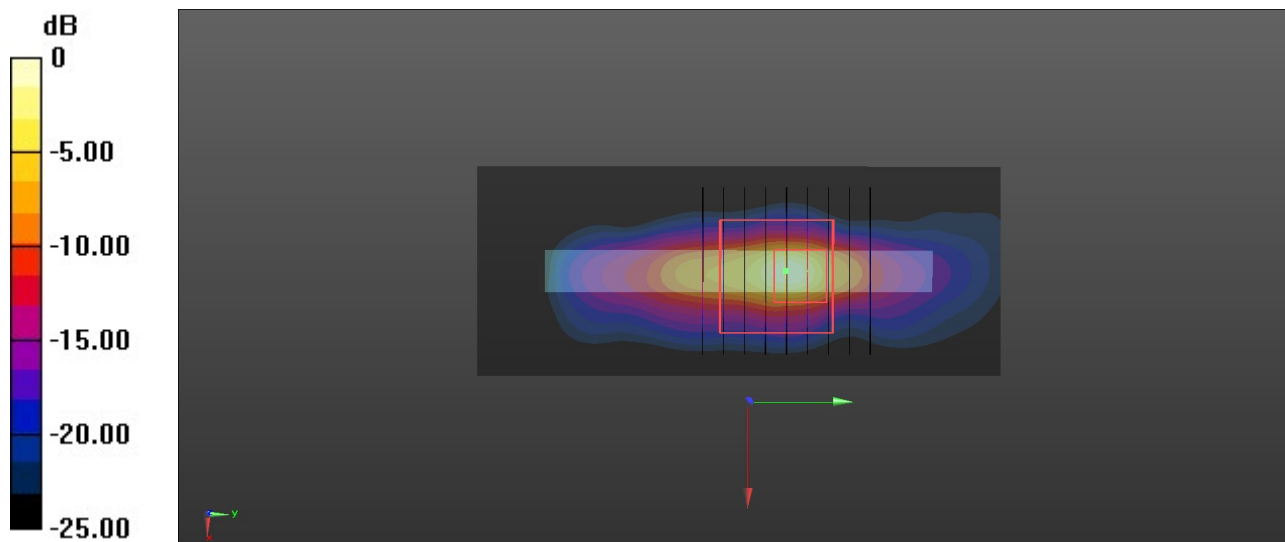
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.50 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 90.0 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 1.92 W/kg

Maximum value of SAR (measured) = 38.6 W/kg



0 dB = 38.6 W/kg = 15.87 dBW/kg

78_WLAN5GHz_802.11a 6Mbps_Top Side_0mm_Ch165

Communication System: UID 0, WLAN5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.014

Medium: HSL_5000 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.241$ S/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32 , 5.32); Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.5 W/kg

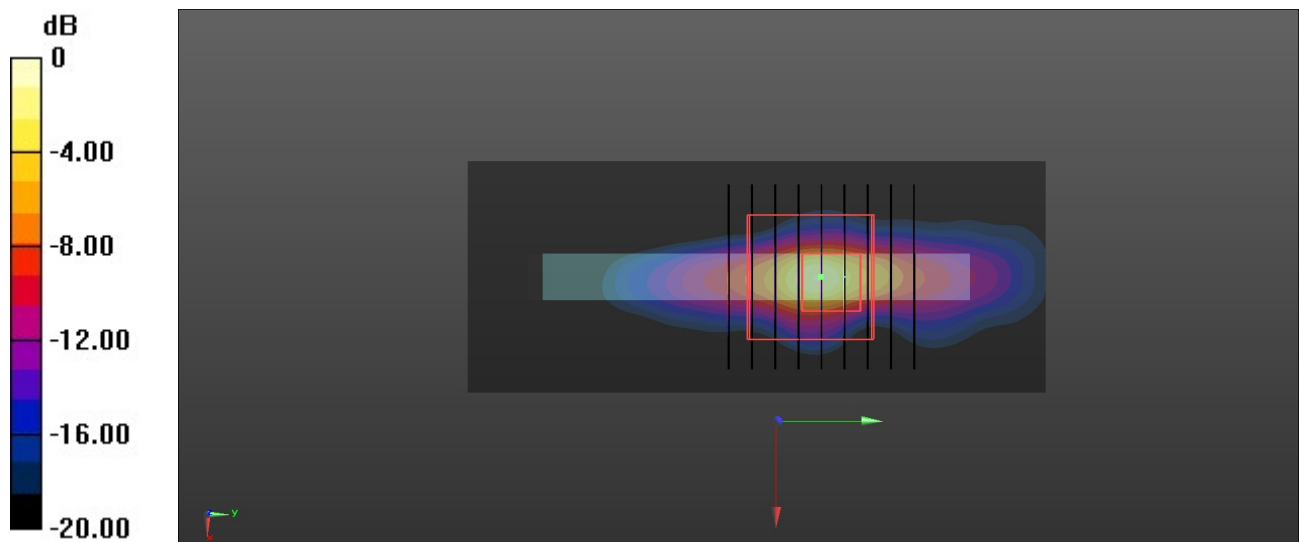
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 31.65 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 55.0 W/kg

SAR(1 g) = 6.29 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 dBW/kg