

63_FR1 n78_100M_QPSK_135RB_69Offset_Back_5mm_Ch650000

Communication System: UID 0, 5G NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL_3700 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.03$ S/m; $\epsilon_r = 38.572$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.66, 6.66, 6.66); Calibrated: 2022/12/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.864 W/kg

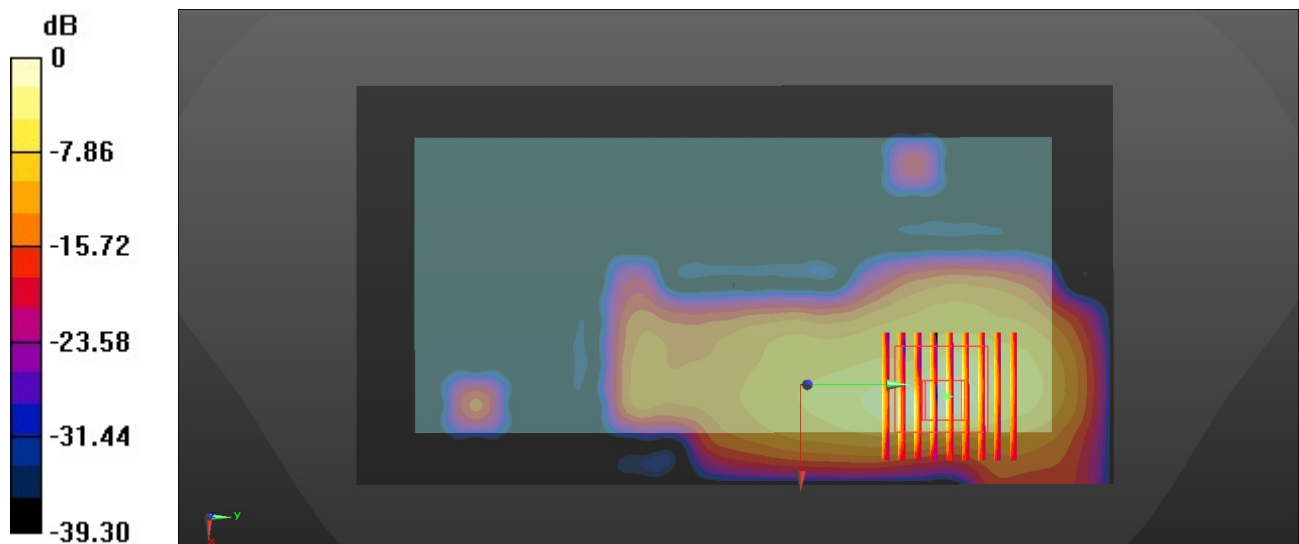
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.481 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.120 W/kg

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



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

64_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch11

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2462 MHz; Duty Cycle: 1:1.006
Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 40.811$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.51, 4.51, 4.51); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 0.715 W/kg

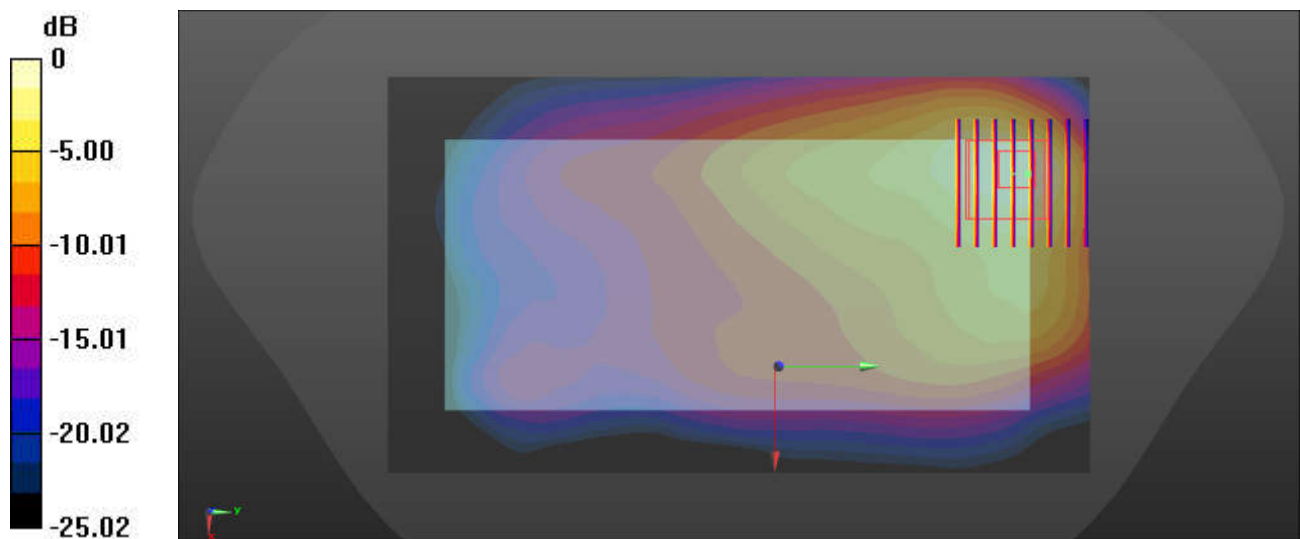
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.822 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg

65_Bluetooth_1Mbps_Back_5mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.299

Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 40.815$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.51, 4.51, 4.51); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

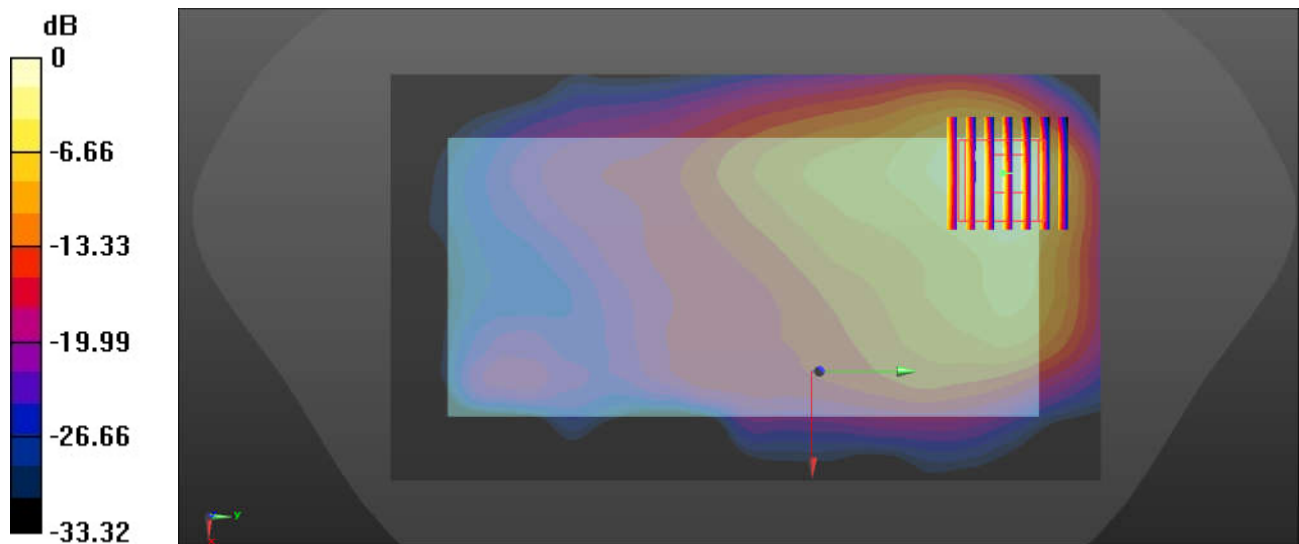
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.598 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg

66_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch42

Communication System: UID 0, WLAN5GHz (0); Frequency: 5210 MHz; Duty Cycle: 1:1.079

Medium: HSL_5000 Medium parameters used: $f = 5210$ MHz; $\sigma = 4.523$ S/m; $\epsilon_r = 36.372$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.21, 5.21, 5.21); Calibrated: 2022/12/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.14 W/kg

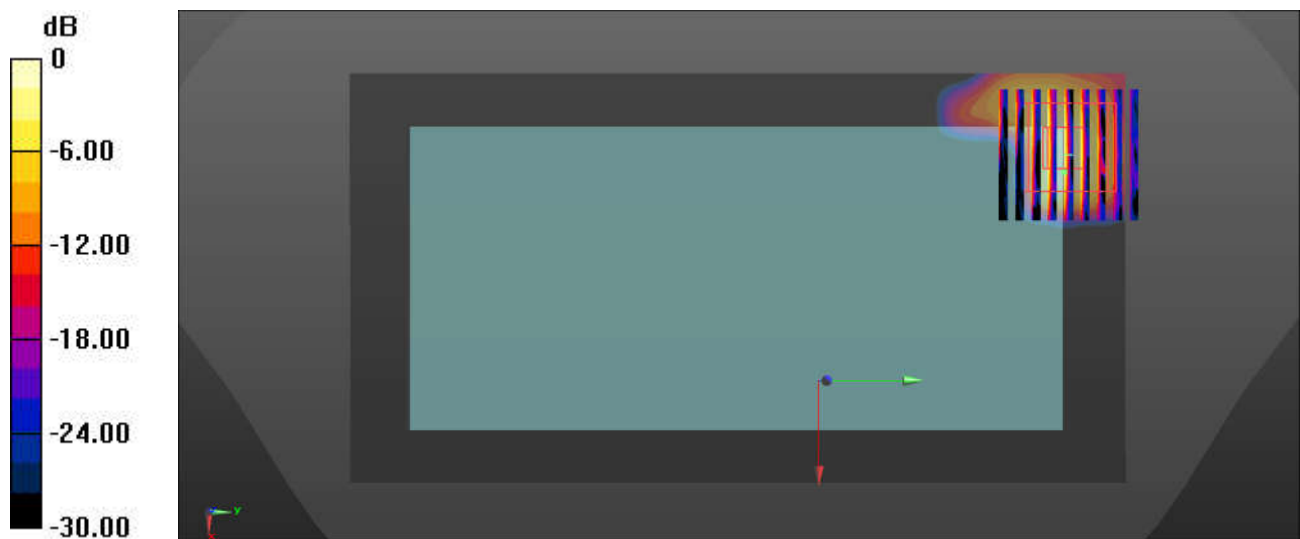
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

67_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1.079

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.142$ S/m; $\epsilon_r = 35.547$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.93, 4.93, 4.93); Calibrated: 2022/12/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

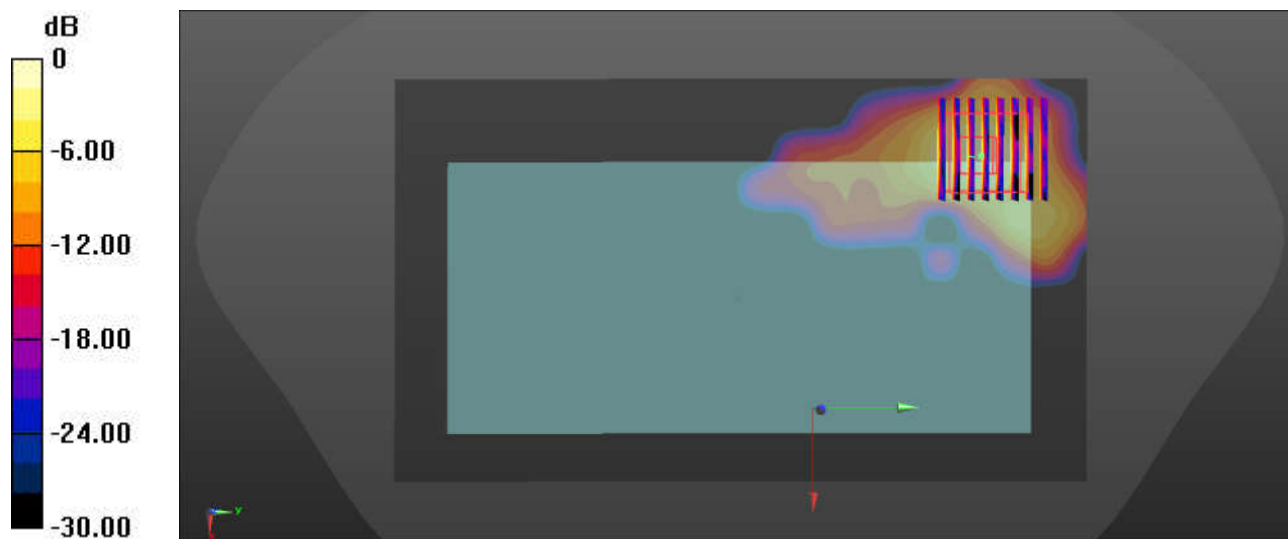
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.932 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

68_LTE Band 71_20M_QPSK_1RB_0Offset_Back_5mm_Ch133297

Communication System: UID 0, LTE-FDD (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 41.379$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.62, 6.62, 6.62); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 0.730 W/kg

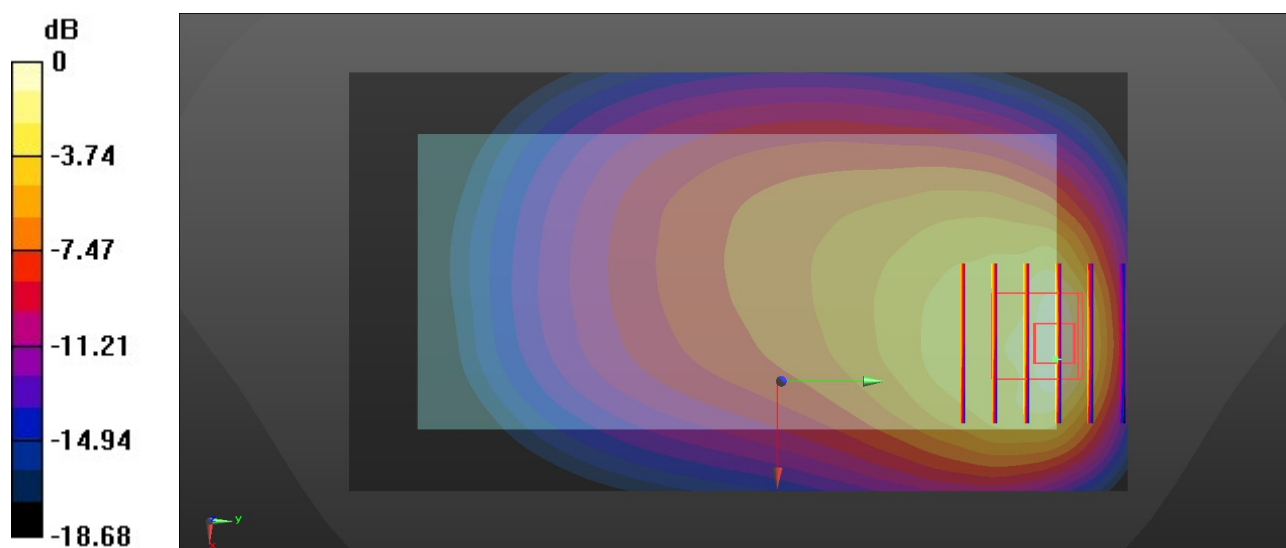
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.92 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 0.727 W/kg



0 dB = 0.727 W/kg = -1.38 dBW/kg

69_LTE Band 12_10M_QPSK_1RB_0Offset_Back_5mm_Ch23095

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.285$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.62, 6.62, 6.62); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 0.661 W/kg

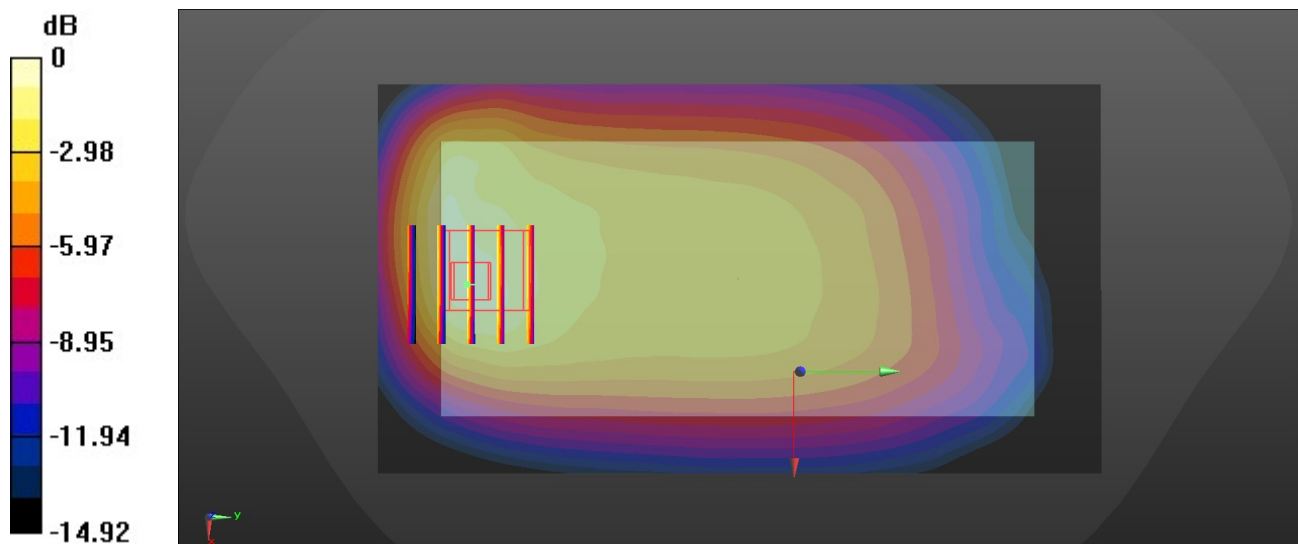
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.02 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.738 W/kg = -1.32 dBW/kg

70_LTE Band 13_10M_QPSK_1RB_0Offset_Back_5mm_Ch23230

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 782$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.052$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.62, 6.62, 6.62); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.28 W/kg

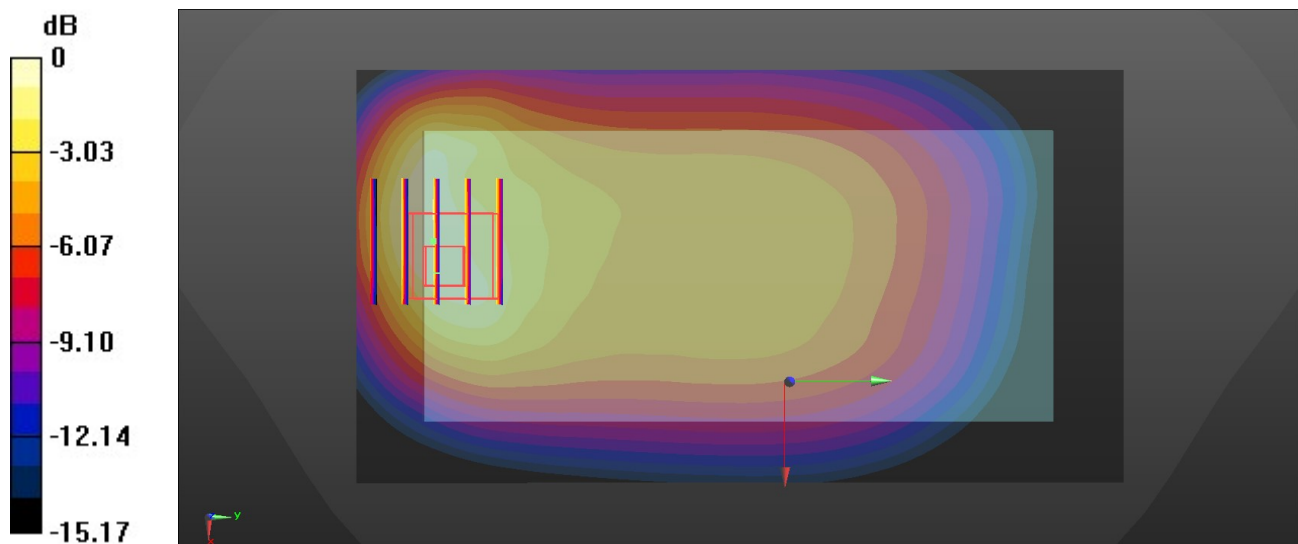
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.35 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.576 W/kg

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



0 dB = 1.18 W/kg = 0.72 dBW/kg

71_LTE Band 14_10M_QPSK_1RB_0Offset_Back_5mm_Ch23330

Communication System: UID 0, LTE-FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 793$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.036$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.62, 6.62, 6.62); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.43 W/kg

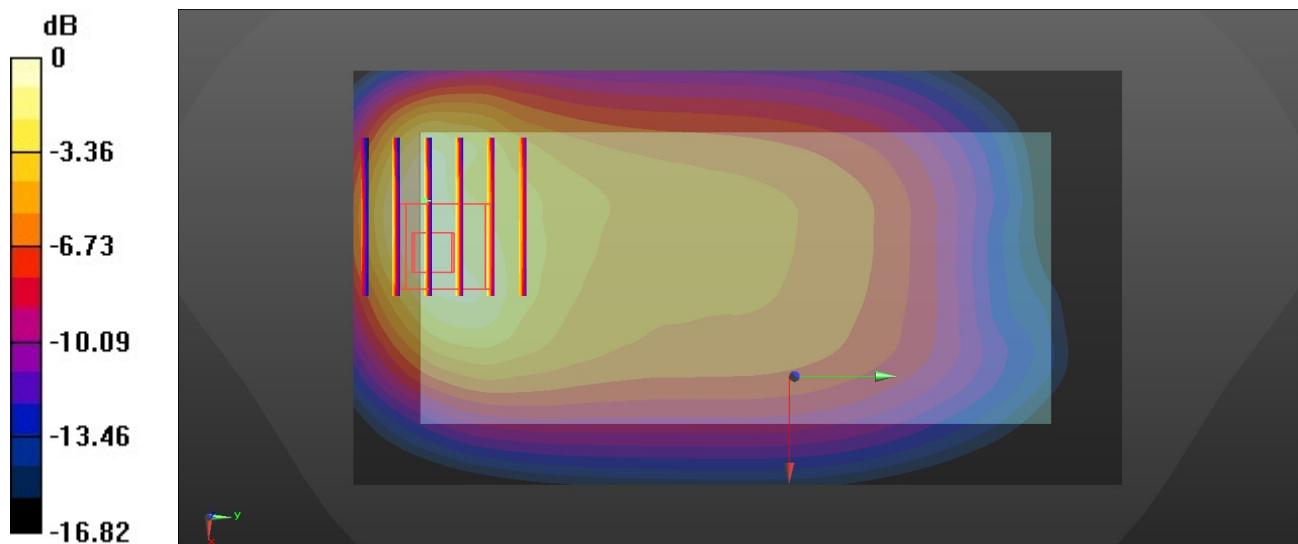
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.37 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.634 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

72_FR1 n71_20M_QPSK_50RB_28Offset_Back_5mm_Ch136100

Communication System: UID 0, 5G NR (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 41.379$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.62, 6.62, 6.62); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.502 W/kg

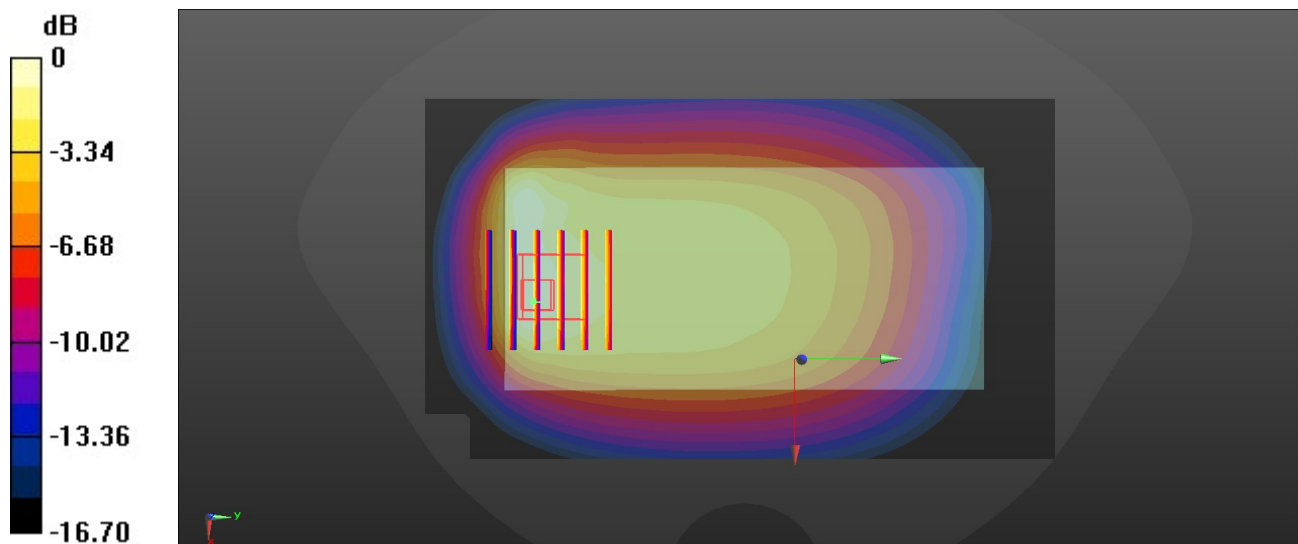
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.20 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

73_FR1 n12_15M_QPSK_1RB_1Offset_Back_5mm_Ch141500

Communication System: UID 0, 5G NR (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.285$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.62, 6.62, 6.62); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.718 W/kg

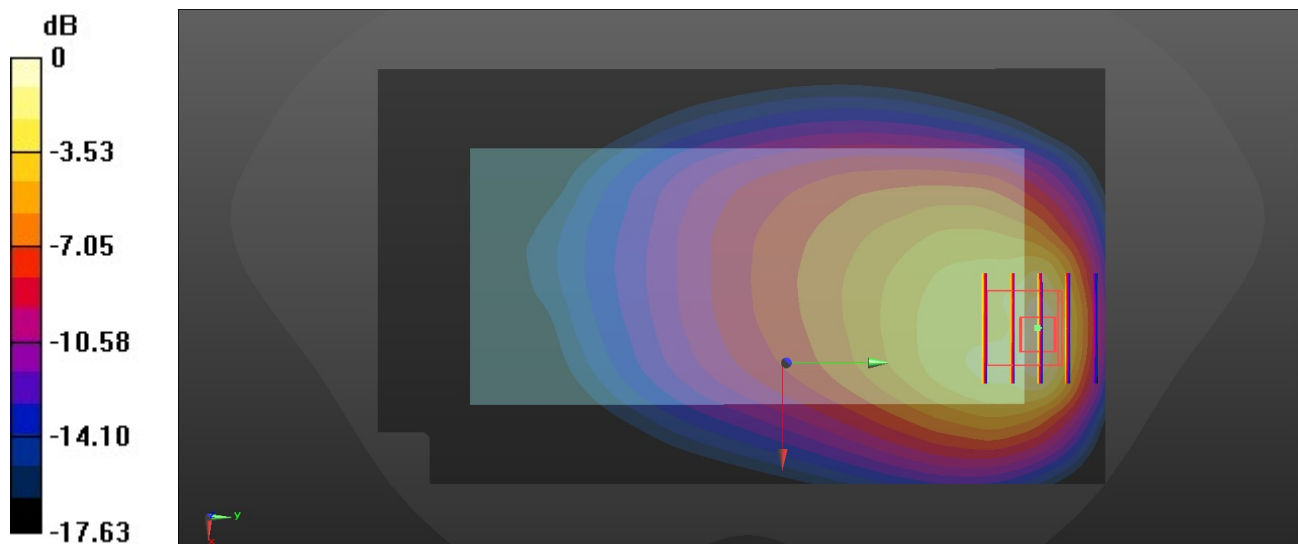
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.49 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

74_FR1 n14_10M_QPSK_25RB_14Offset_Back_5mm_Ch158600

Communication System: UID 0, 5G NR (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 793$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.036$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.62, 6.62, 6.62); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.964 W/kg

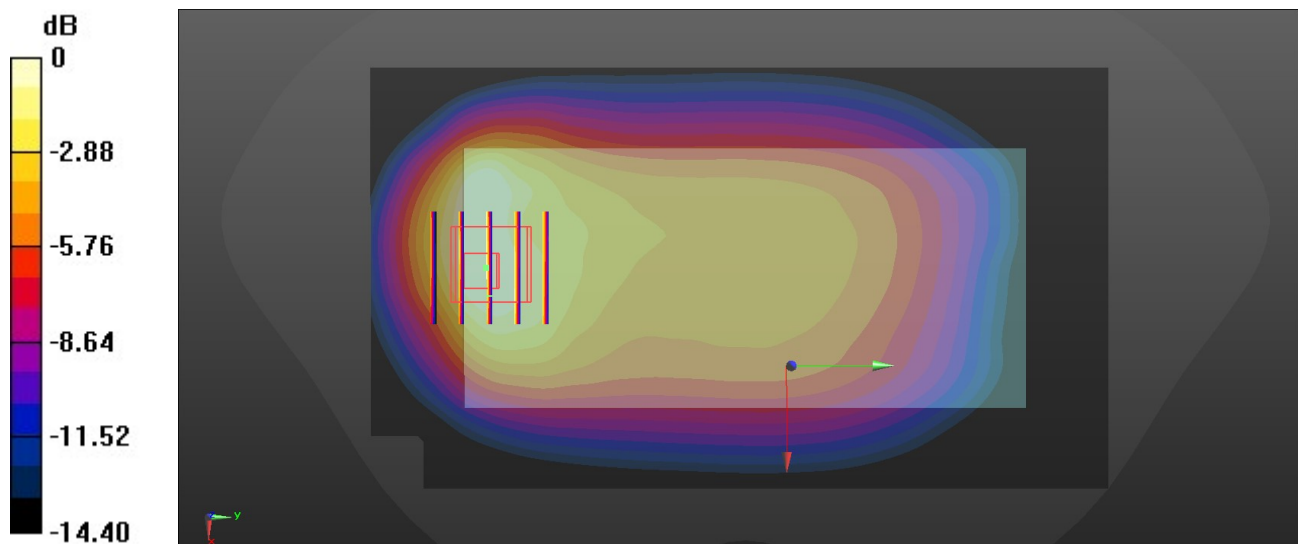
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.86 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.422 W/kg

Maximum value of SAR (measured) = 0.850 W/kg



0 dB = 0.850 W/kg = -0.71 dBW/kg

75_GSM850_GPRS (2 Tx slots)_Back_5mm_Ch189

Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.902$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.19 W/kg

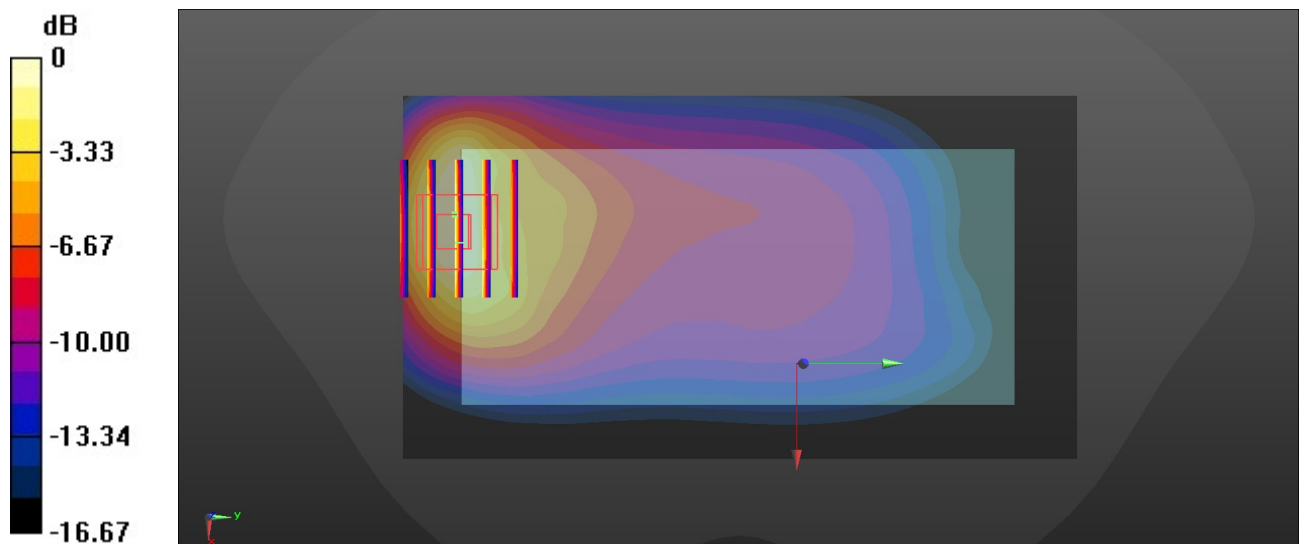
Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.09 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

76_WCDMA V_RMC 12.2Kbps_Back_5mm_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; $\epsilon_r = 40.902$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.13 W/kg

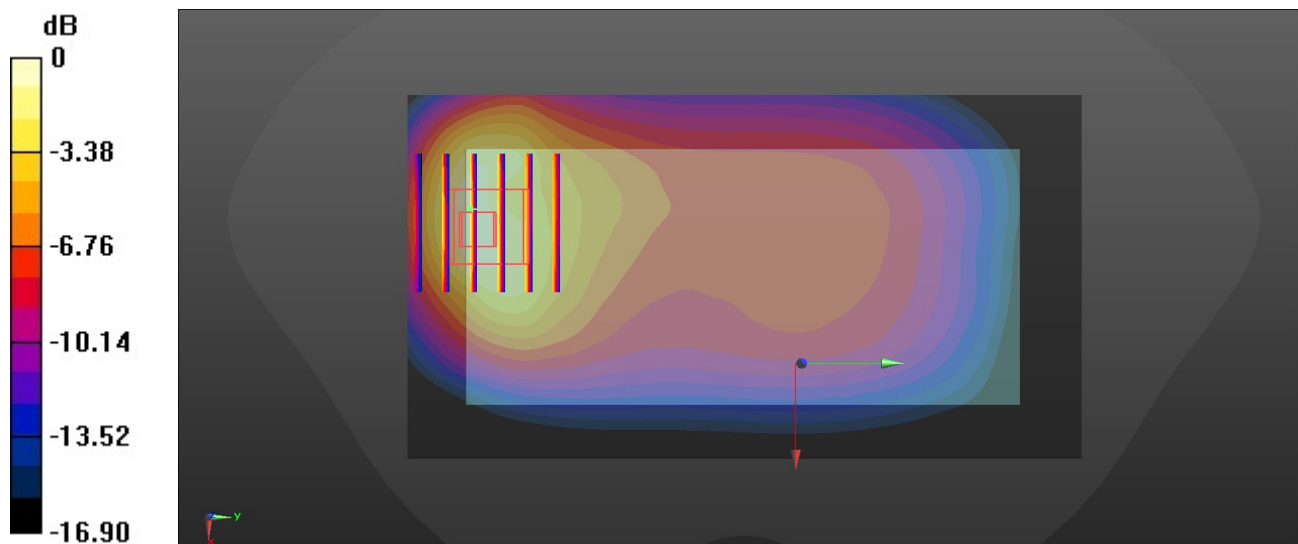
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.11 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.526 W/kg

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



0 dB = 1.18 W/kg = 0.72 dBW/kg

77_LTE Band 26_15M_QPSK_1RB_0Offset_Back_5mm_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; $\sigma = 0.928$ S/m; $\epsilon_r = 40.909$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.09 W/kg

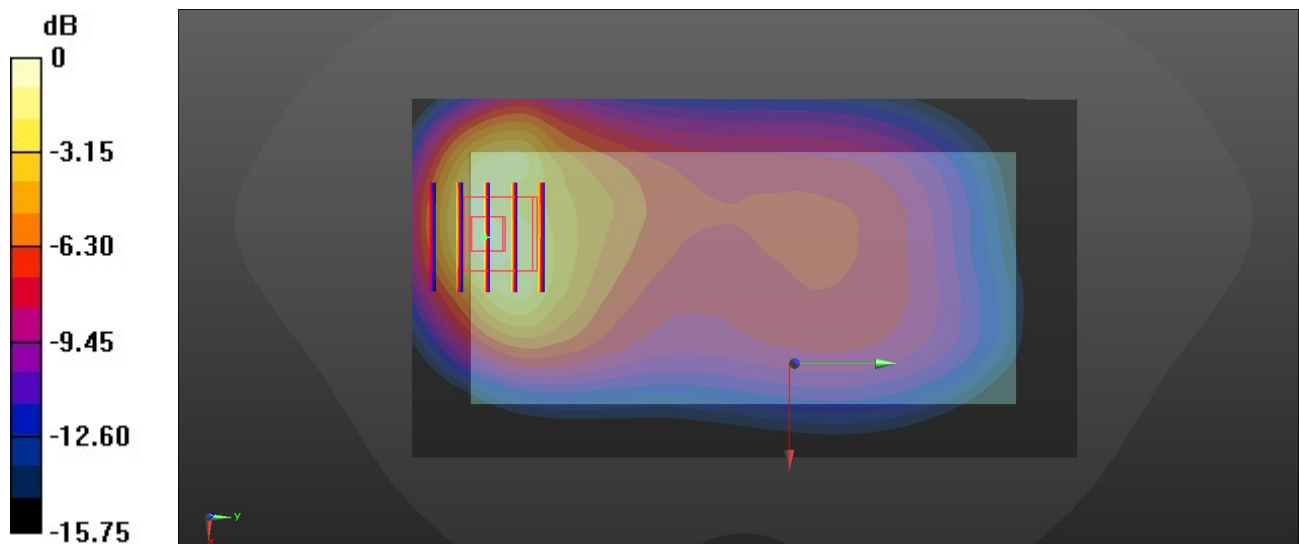
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.73 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

78_FR1 n26_20M_QPSK_1RB_1Offset_Back_5mm_Ch166300

Communication System: UID 0, 5G NR (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.909$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.50 W/kg

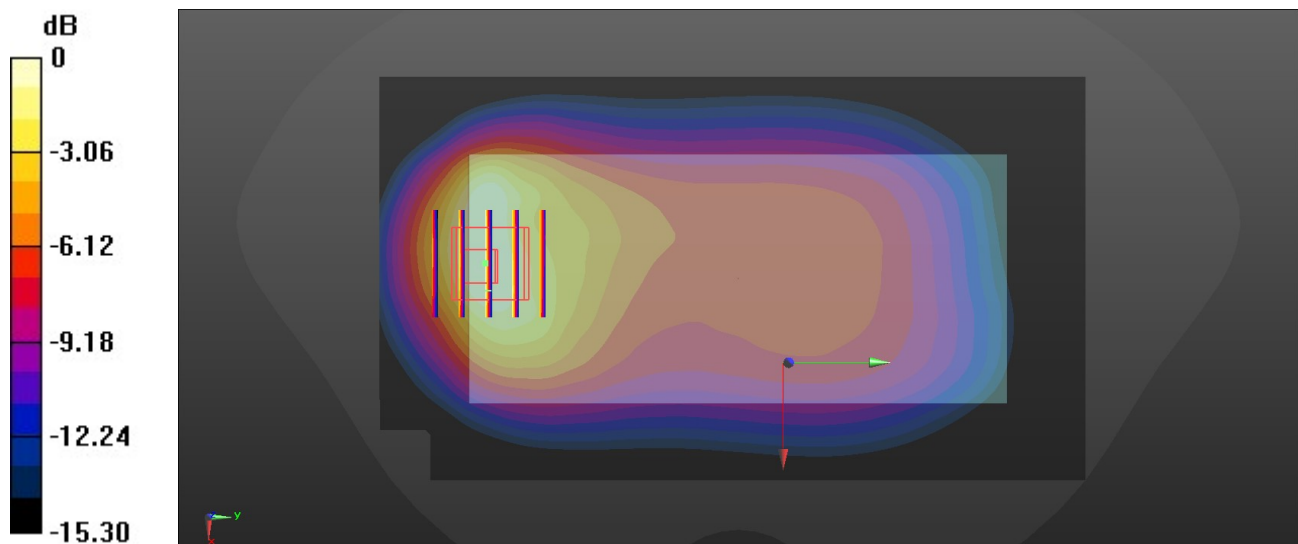
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.619 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

79_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ch1413

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 40.108$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.42, 5.42, 5.42); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.15 W/kg

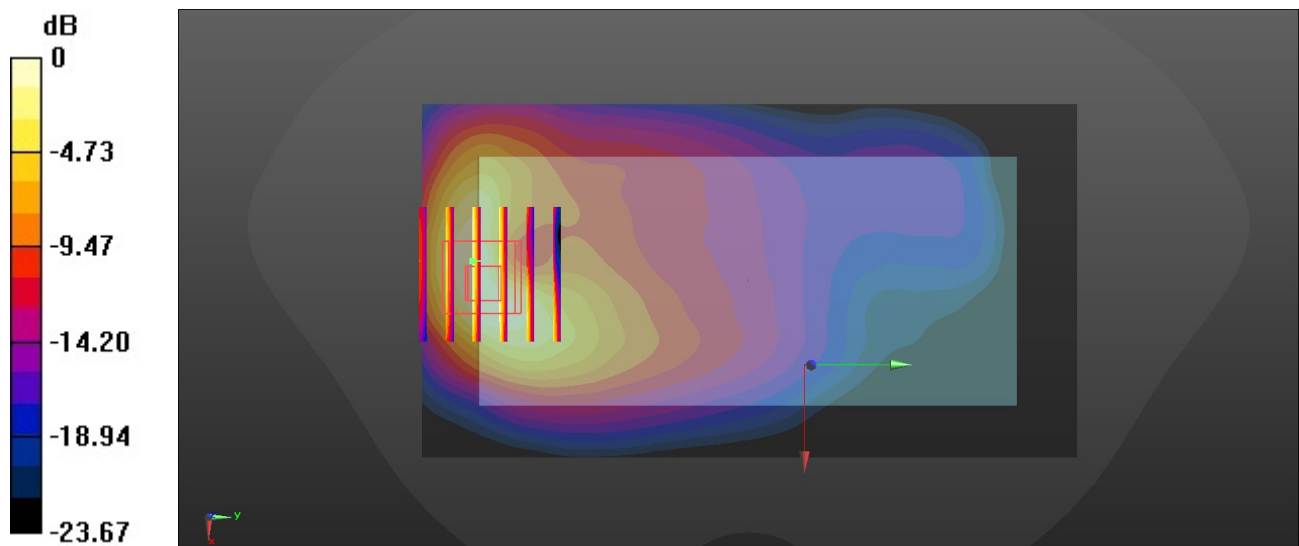
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.485 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.463 W/kg

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



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

80_LTE Band 66_20M_QPSK_1RB_0Offset_Back_5mm_Ch132572

Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 40.054$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.42, 5.42, 5.42); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.02 W/kg

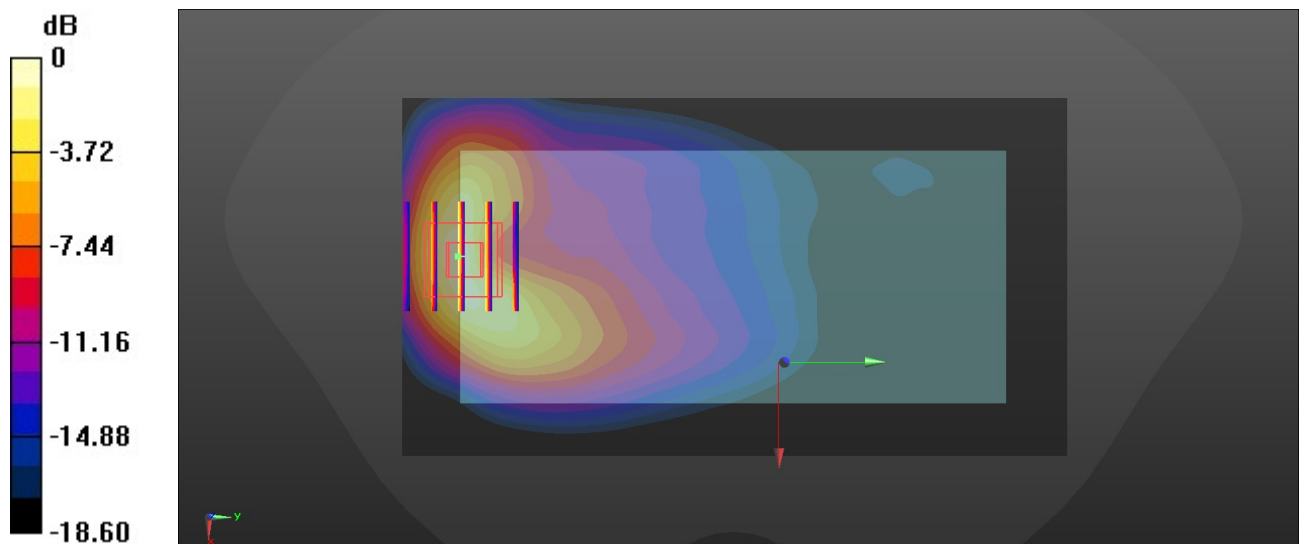
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.969 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



81_FR1 n70_15M_QPSK_1RB_1Offset_Back_5mm_Ch340500

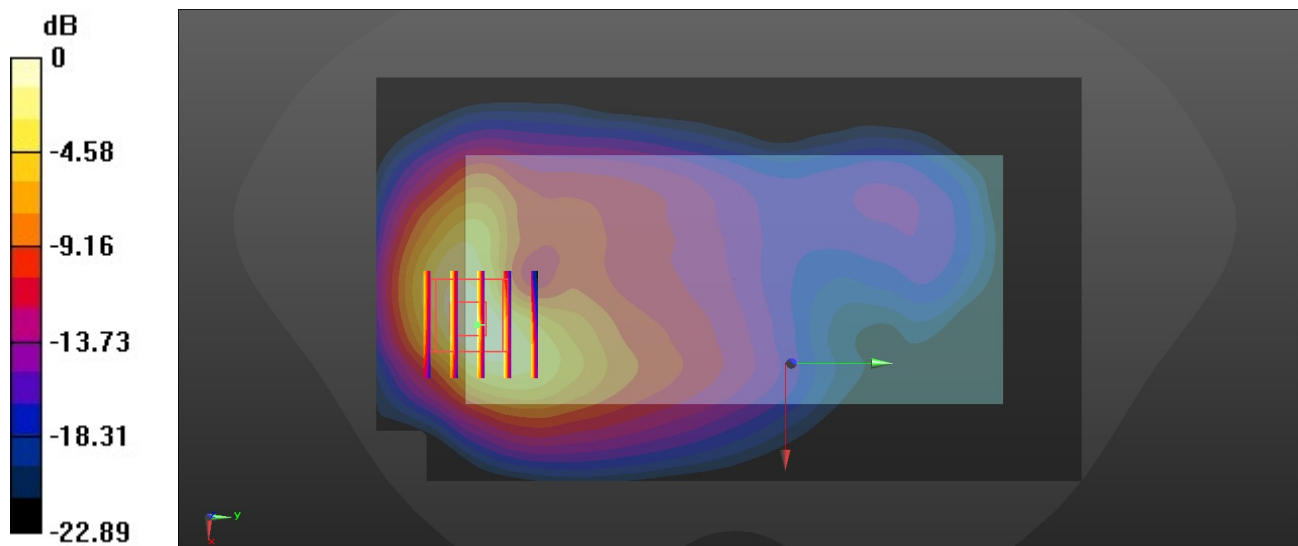
Communication System: UID 0, 5G NR (0); Frequency: 1702.5 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1702.5$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 40.145$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.42, 5.42, 5.42); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 6.338 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



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

82_FR1 n66_40M_QPSK_108RB_54Offset_Back_5mm_Ch349000

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.101$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.42, 5.42, 5.42); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.27 W/kg

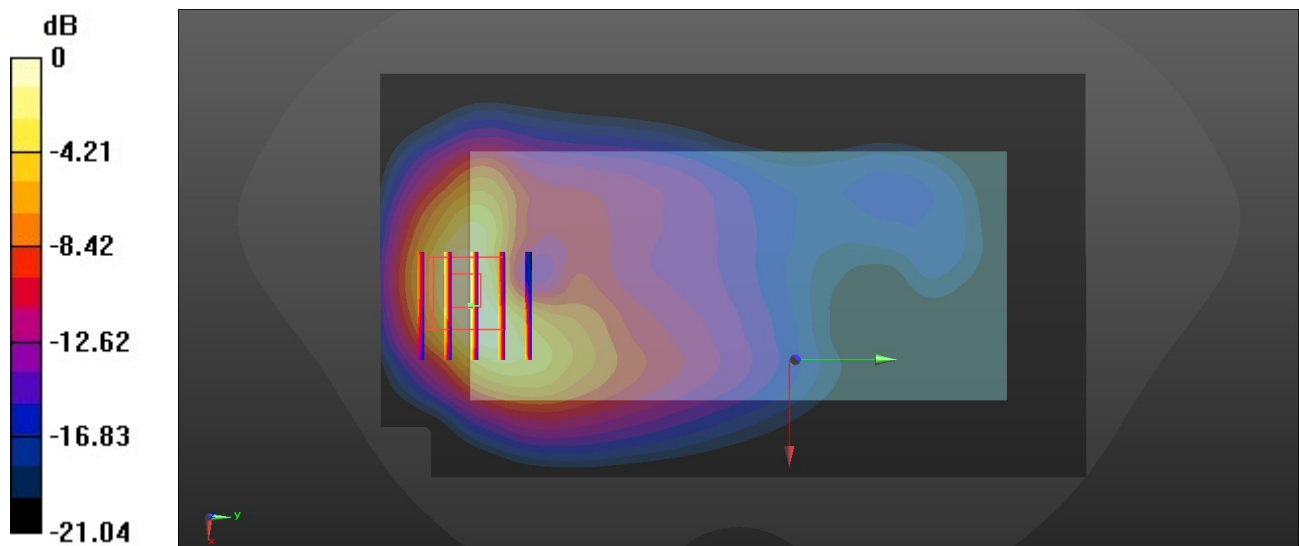
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.038 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

83_GSM1900_GPRS (2Tx slots)_Back_5mm_Ch661

Communication System: UID 0, PCS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.18, 5.18, 5.18); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.02 W/kg

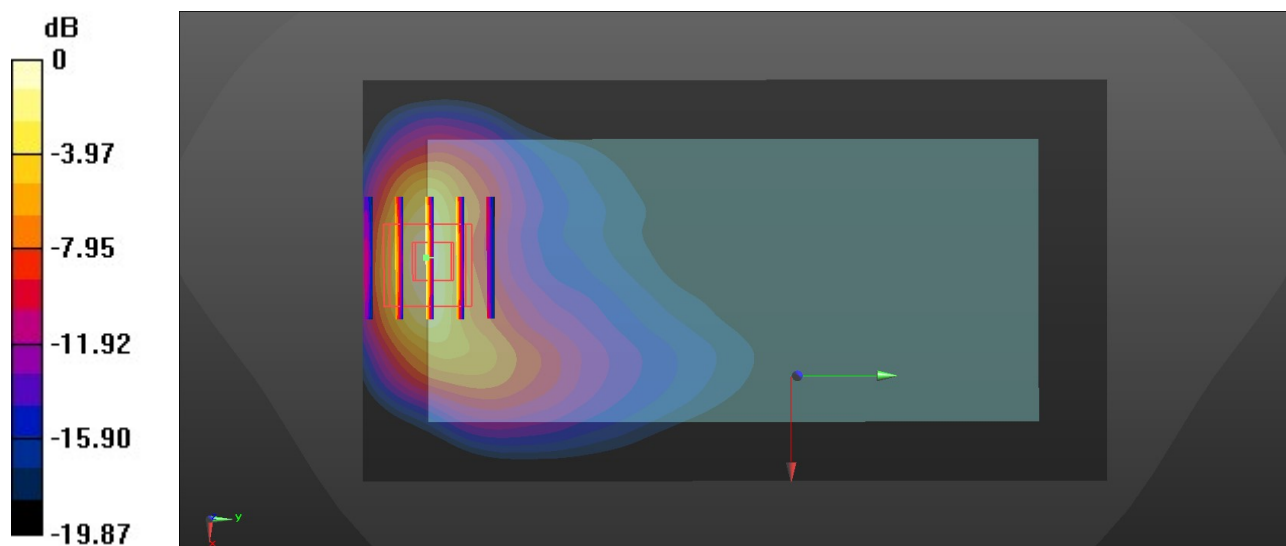
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.893 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.398 W/kg

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



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

84_WCDMA II_RMC 12.2Kbps_Back_5mm_Ch9400

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

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.18, 5.18, 5.18); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.39 W/kg

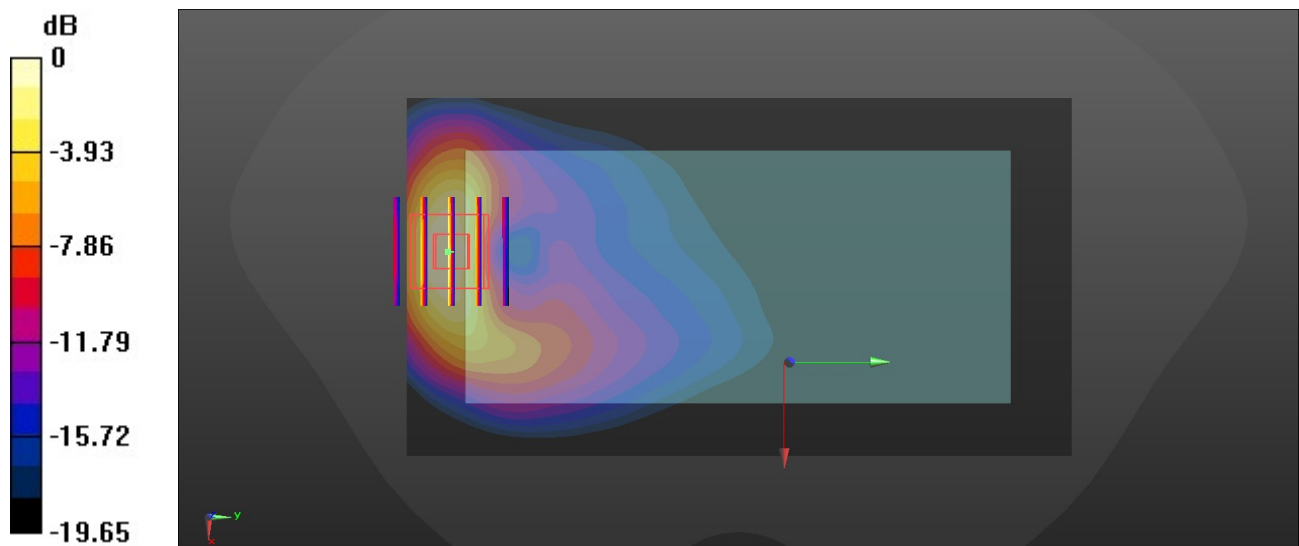
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.772 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

85_LTE Band 25_20M_QPSK_1RB_0Offset_Back_5mm_Ch26340

Communication System: UID 0, LTE-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.18, 5.18, 5.18); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.06 W/kg

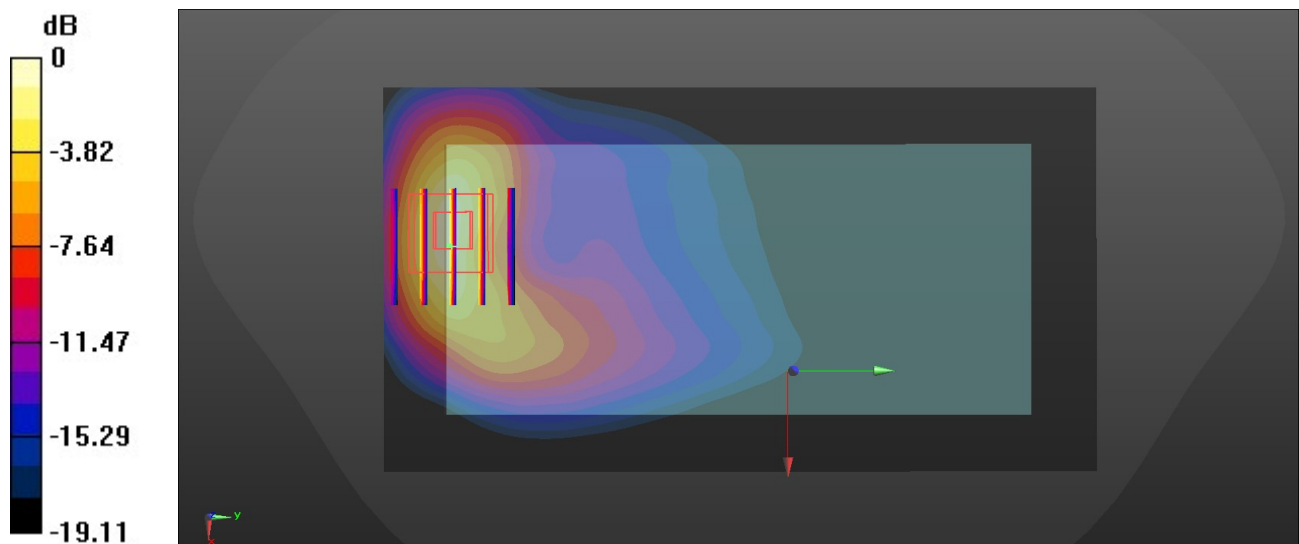
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.474 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.464 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

86_FR1 n25_40M_QPSK_108RB_54Offset_Back_5mm_Ch376500

Communication System: UID 0, 5G NR (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.449$ S/m; $\epsilon_r = 40.019$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.18, 5.18, 5.18); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.36 W/kg

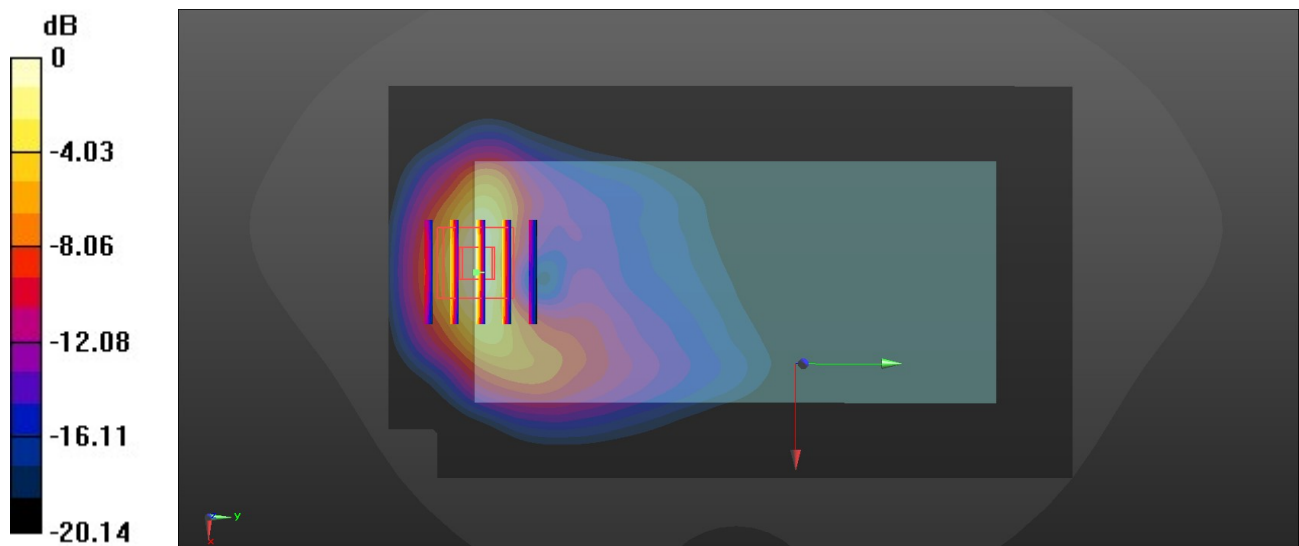
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.756 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.489 W/kg

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



0 dB = 1.40 W/kg = 1.46 dBW/kg

87_LTE Band 30_10M_QPSK_1RB_0Offset_Back_5mm_Ch27710

Communication System: UID 0, LTE-FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.721$ S/m; $\epsilon_r = 39.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.92, 4.92, 4.92); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.16 W/kg

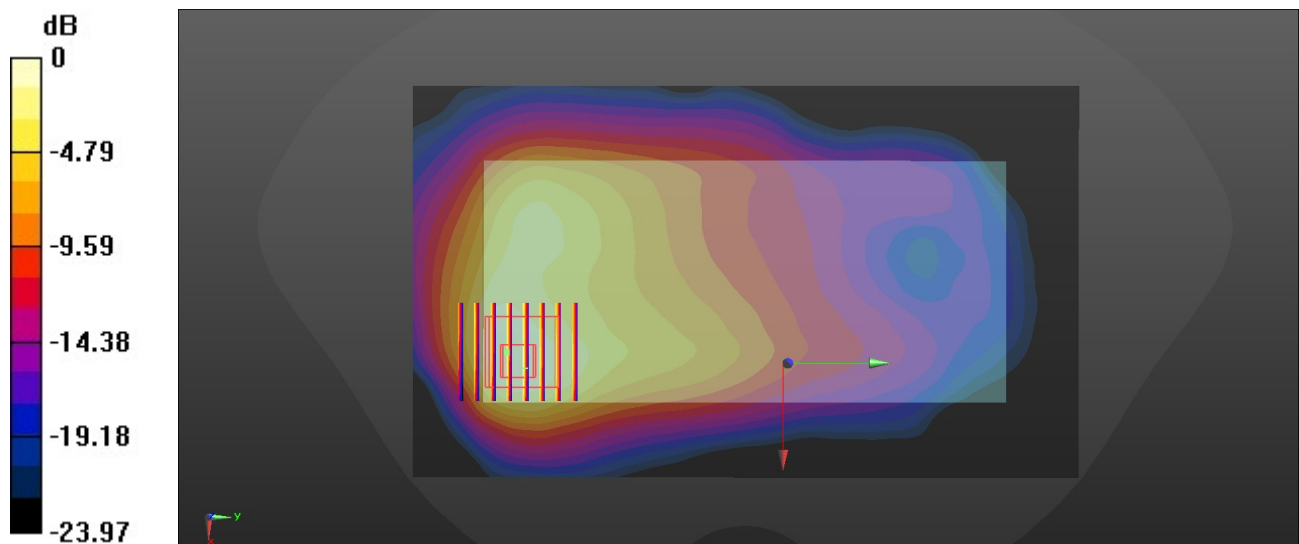
Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.855 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.488 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

88_FR1 n30_10M_QPSK_25RB_14Offset_Back_5mm_Ch462000

Communication System: UID 0, 5G NR (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.721$ S/m; $\epsilon_r = 39.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.92, 4.92, 4.92); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.51 W/kg

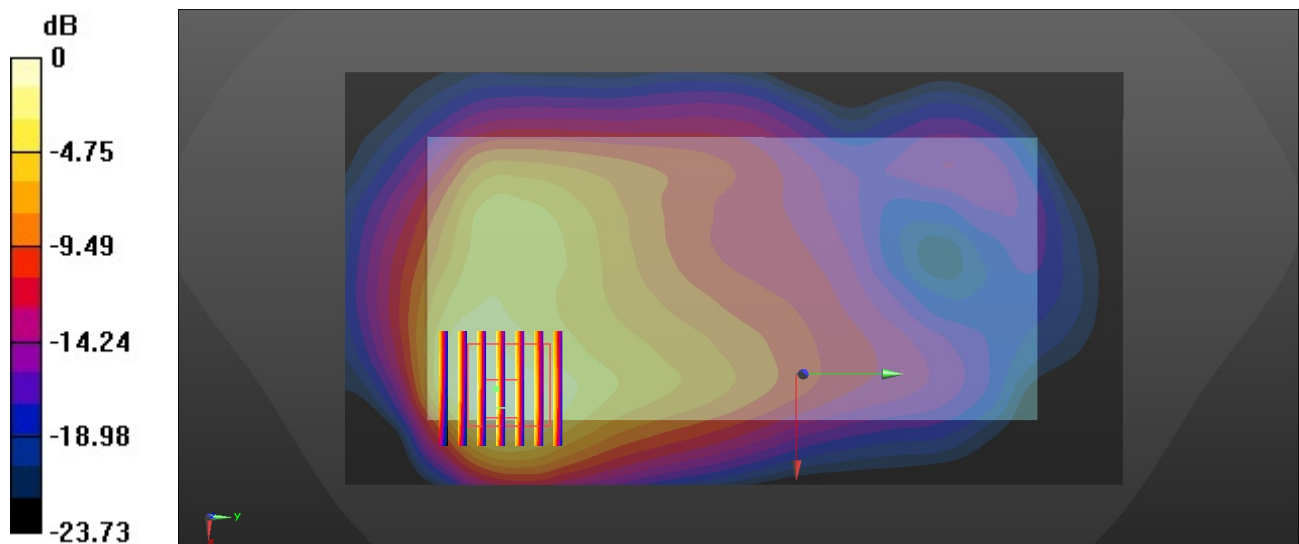
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.740 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.525 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

89_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; $\sigma = 1.958$ S/m; $\epsilon_r = 40.623$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.27, 4.27, 4.27); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

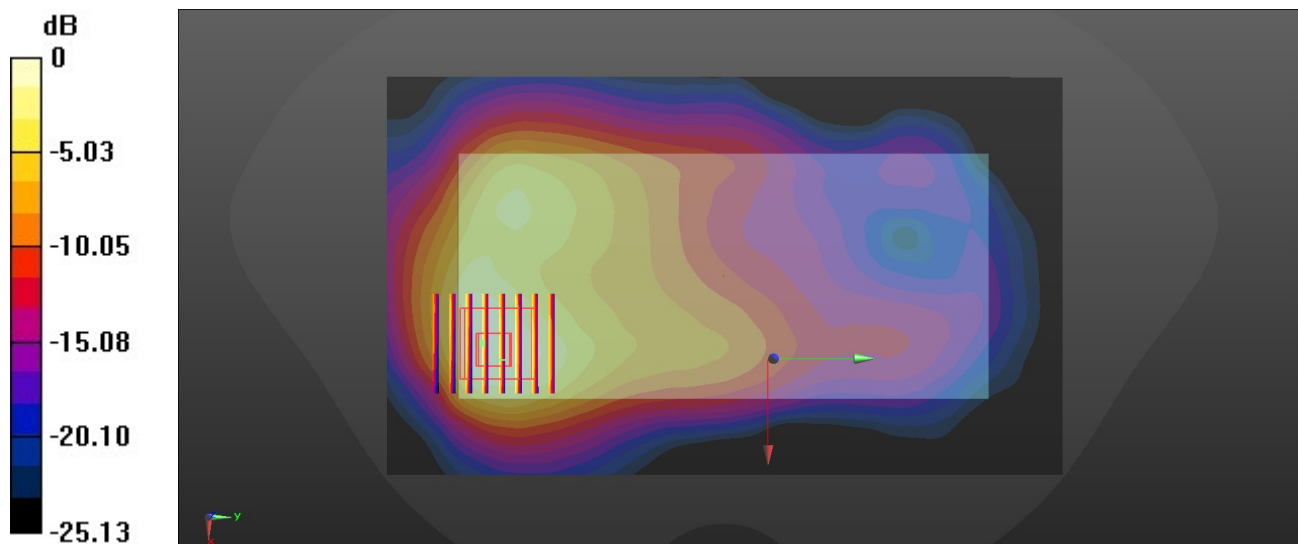
Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.730 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.422 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

90_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; $\sigma = 2.048$ S/m; $\epsilon_r = 40.43$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.27, 4.27, 4.27); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.58 W/kg

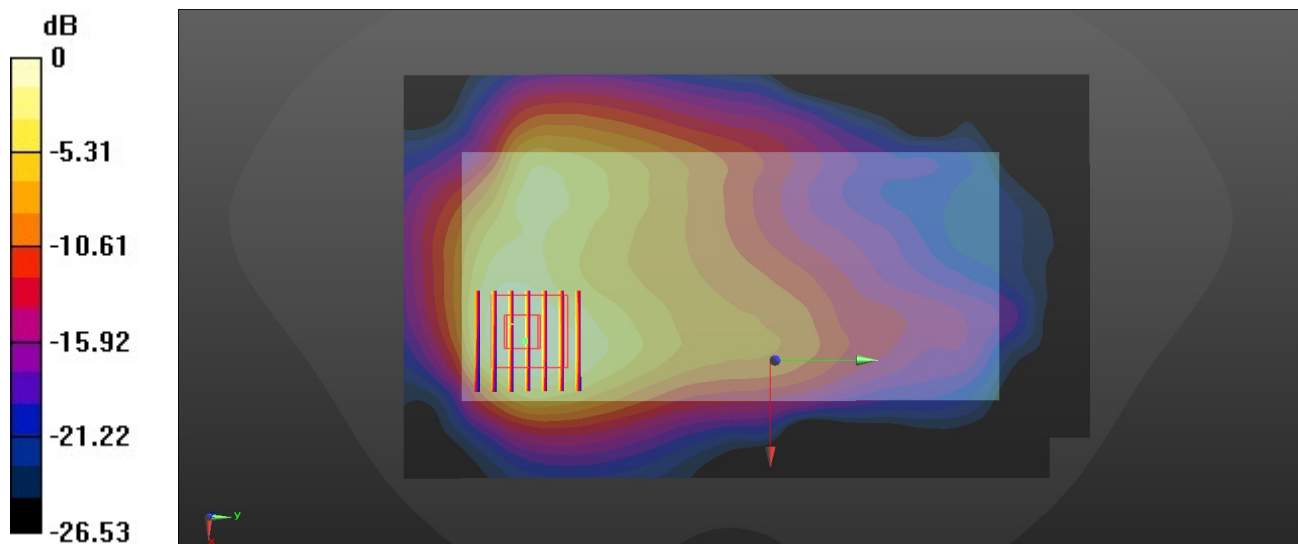
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.064 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.563 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

91_FR1 n7_40M_QPSK_108RB_54Offset_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; $\sigma = 1.939$ S/m; $\epsilon_r = 40.633$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.27, 4.27, 4.27); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.56 W/kg

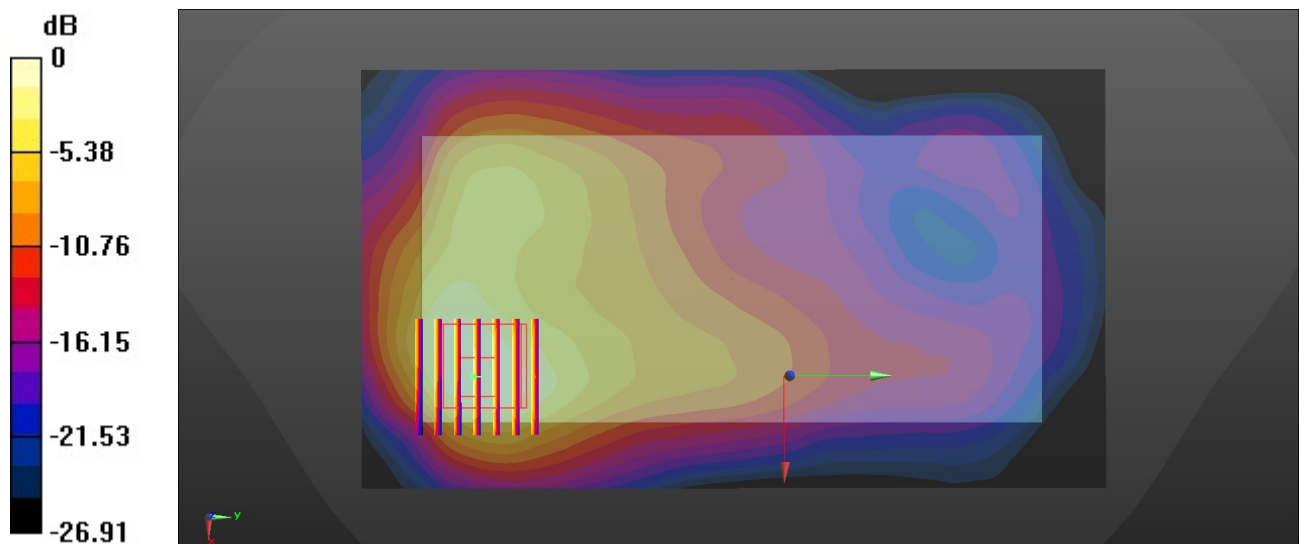
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.846 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.495 W/kg

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



0 dB = 1.30 W/kg = 1.14 dBW/kg

92_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: $f = 2593$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 40.615$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.27, 4.27, 4.27); Calibrated: 2022/11/22
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- 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) = 1.47 W/kg

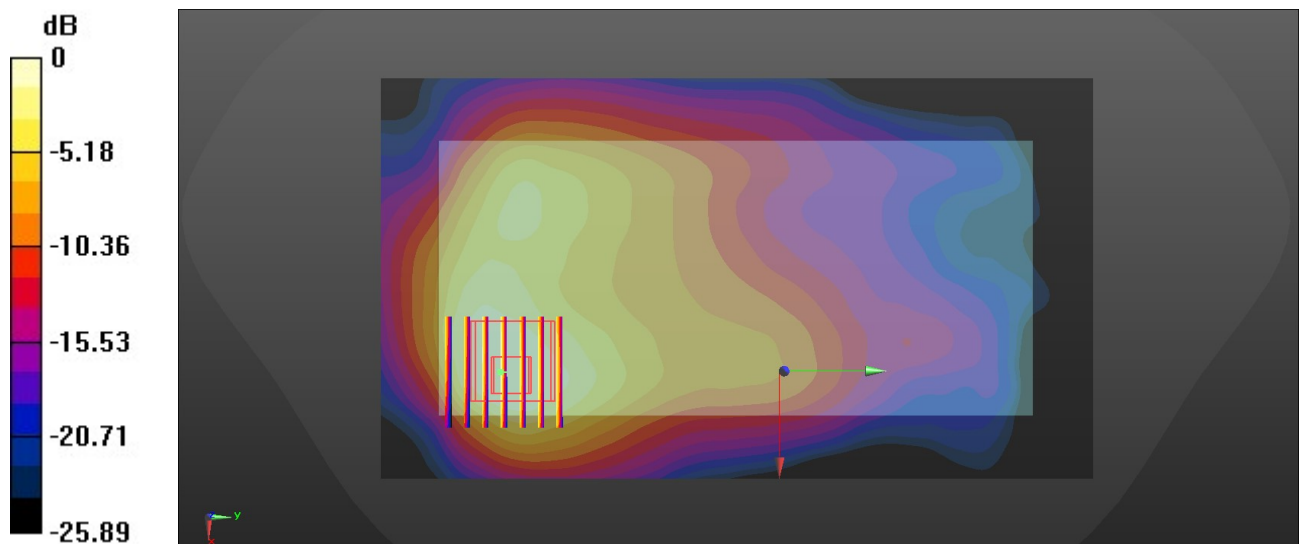
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.120 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.480 W/kg

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



0 dB = 1.18 W/kg = 0.72 dBW/kg