

100_LTE Band 14_10M_QPSK_1RB_0Offset_Back_0mm_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 : 22.8 °C

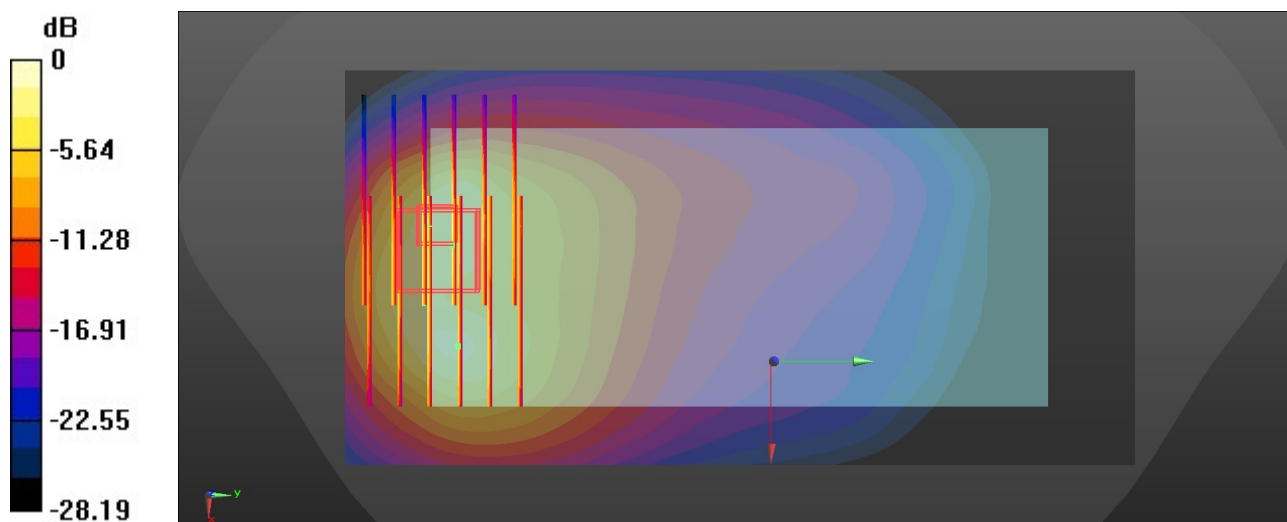
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.53, 9.53, 9.53); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.97 W/kg

Zoom Scan (8x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.40 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 3.13 W/kg; SAR(10 g) = 1.39 W/kg
Maximum value of SAR (measured) = 4.45 W/kg

Zoom Scan (8x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.40 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 9.96 W/kg
SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.35 W/kg
Maximum value of SAR (measured) = 4.00 W/kg



0 dB = 4.00 W/kg = 6.02 dBW/kg

101_GSM850_GPRS (4 Tx slots)_Back_0mm_Ch251

Communication System: UID 0, GSM850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08
Medium: HSL_835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 40.879$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.45, 9.45, 9.45); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.14 W/kg

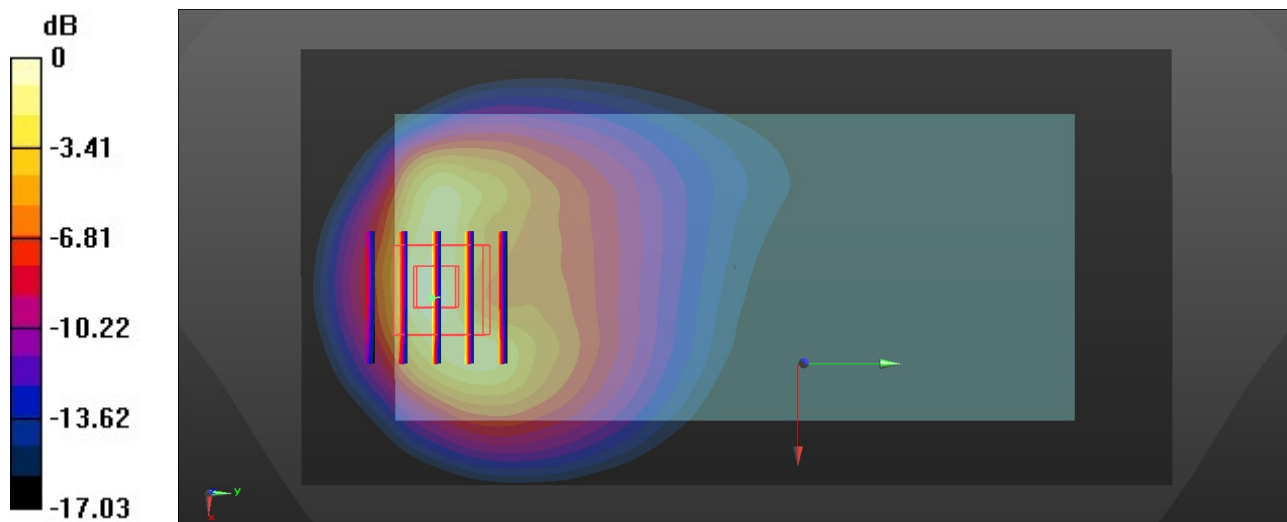
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.50 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 10.6 W/kg

SAR(1 g) = 4.69 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 6.80 W/kg



0 dB = 6.80 W/kg = 8.33 dBW/kg

102_WCDMA V_RMC 12.2Kbps_Back_0mm_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 : 23.3 °C; Liquid Temperature : 22.6 °C

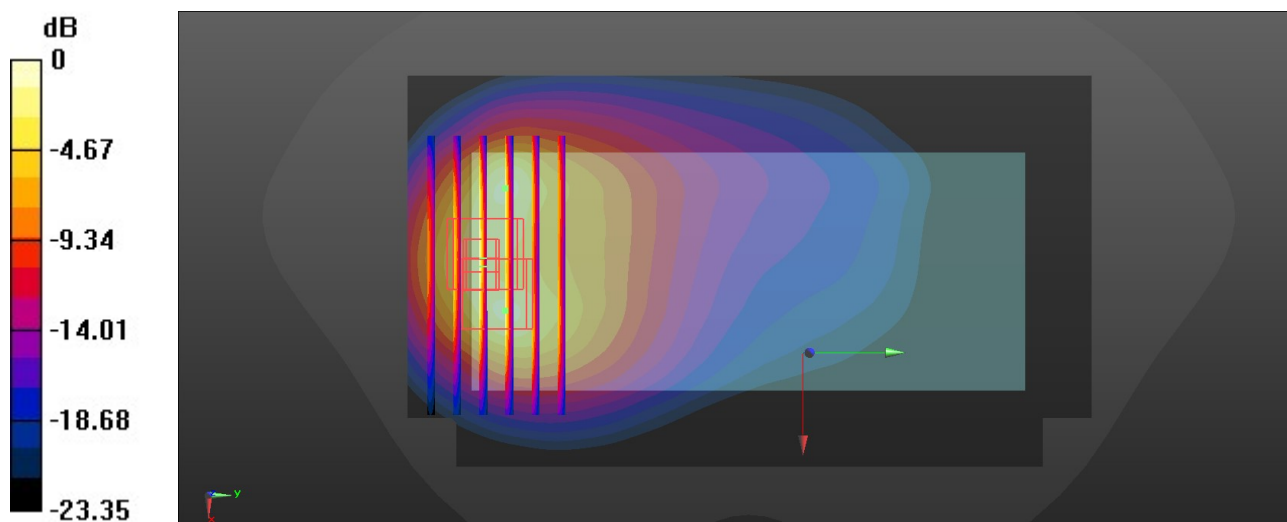
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.45, 9.45, 9.45); Calibrated: 2022/12/14
- 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) = 2.71 W/kg

Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.441 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 5.68 W/kg
SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.16 W/kg
Maximum value of SAR (measured) = 3.49 W/kg

Zoom Scan (7x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.441 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 5.43 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.09 W/kg
Maximum value of SAR (measured) = 3.45 W/kg



0 dB = 3.45 W/kg = 5.38 dBW/kg

103_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; $\sigma = 0.928$ S/m; $\epsilon_r = 40.909$; $\rho = 1000$ kg/m³

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

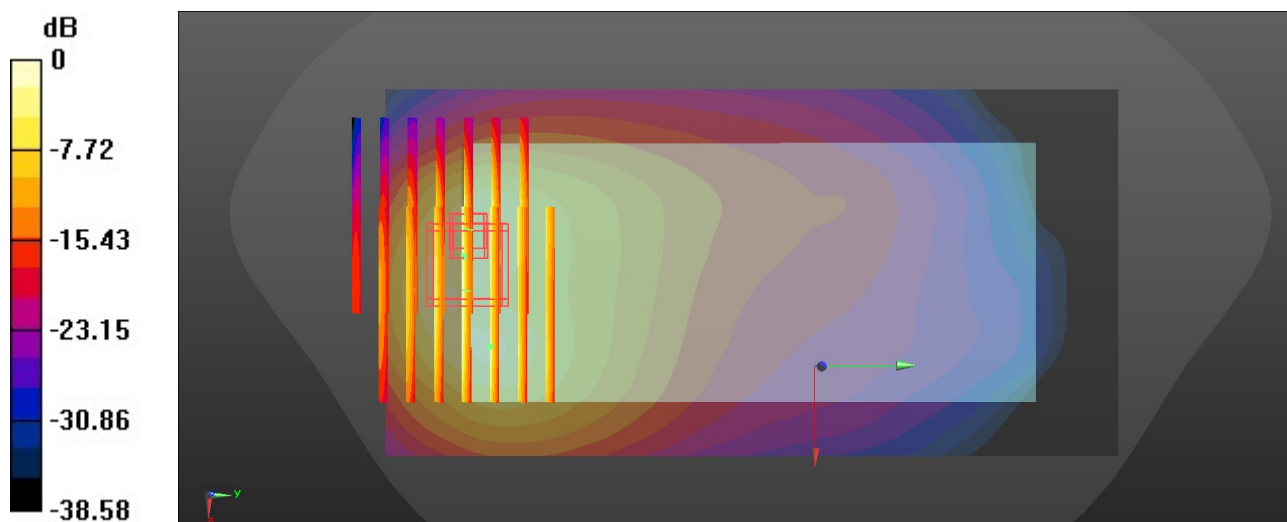
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.45, 9.45, 9.45); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.69 W/kg

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.271 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.23 W/kg
Maximum value of SAR (measured) = 4.05 W/kg

Zoom Scan (8x7x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.271 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 10.7 W/kg
SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.13 W/kg
Maximum value of SAR (measured) = 3.86 W/kg



0 dB = 4.05 W/kg = 6.07 dBW/kg

104_WCDMA IV_RMC 12.2Kbps_Back_0mm_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 40.08$; $\rho = 1000$ kg/m³

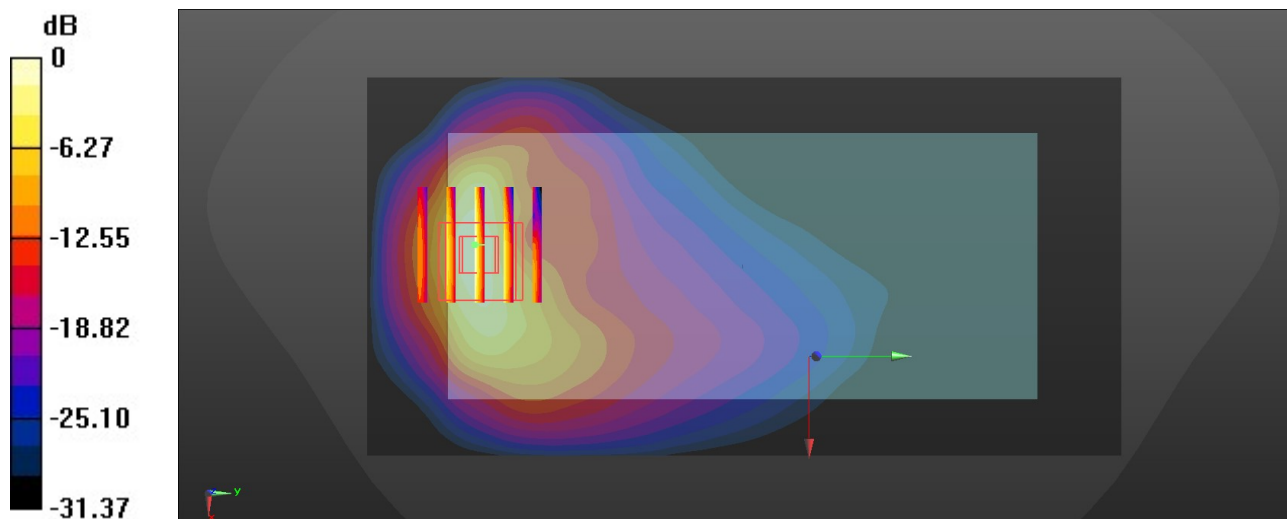
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.31, 8.31, 8.31); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.26 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.262 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 5.11 W/kg; SAR(10 g) = 2.24 W/kg
Maximum value of SAR (measured) = 7.18 W/kg



0 dB = 7.18 W/kg = 8.56 dBW/kg

105_LTE Band 66_20M_QPSK_1RB_0Offset_Back_0mm_Ch132322

Communication System: UID 0, LTE-FDD (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

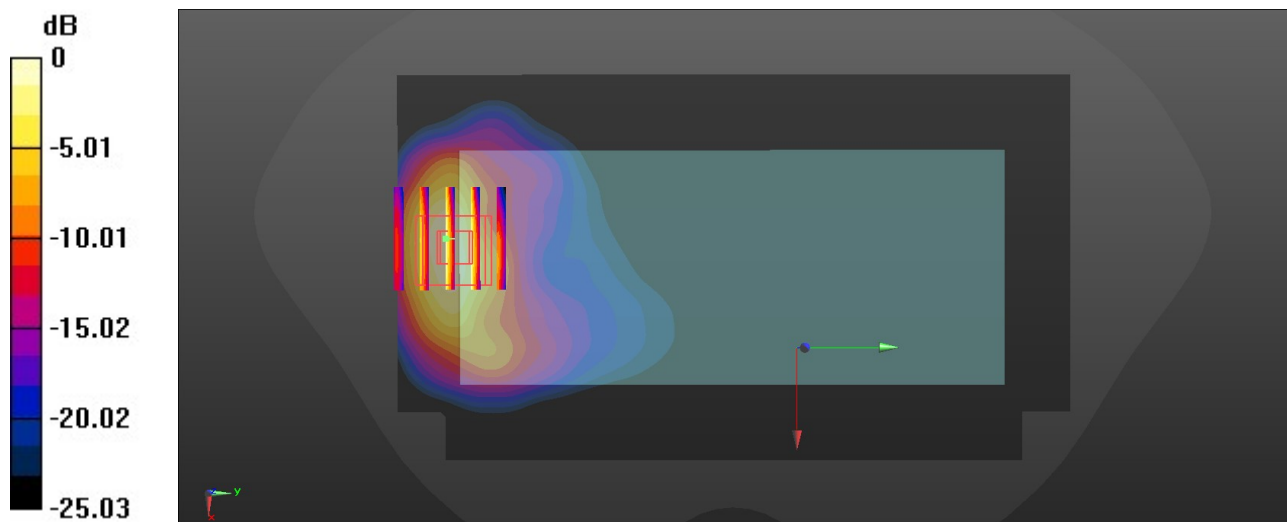
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.31, 8.31, 8.31); Calibrated: 2022/12/14
- 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) = 6.10 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.303 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 10.5 W/kg
SAR(1 g) = 5.03 W/kg; SAR(10 g) = 2.3 W/kg
Maximum value of SAR (measured) = 5.99 W/kg



0 dB = 5.99 W/kg = 7.77 dBW/kg

106_FR1 n66_40M_QPSK_1RB_1Offset_Back_0mm_Ch349000

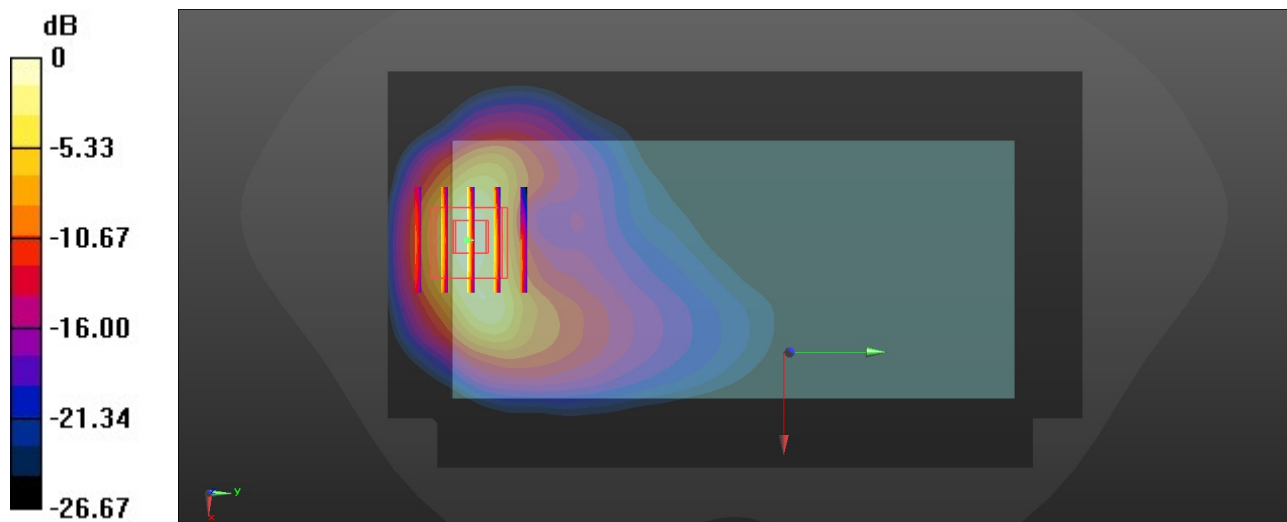
Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.101$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.31, 8.31, 8.31); Calibrated: 2022/12/14
- 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) = 7.30 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.564 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 5.83 W/kg; SAR(10 g) = 2.59 W/kg
Maximum value of SAR (measured) = 8.18 W/kg



0 dB = 8.18 W/kg = 9.13 dBW/kg

107_FR1 n70_15M_QPSK_36RB_22Offset_Back_0mm_Ch340500

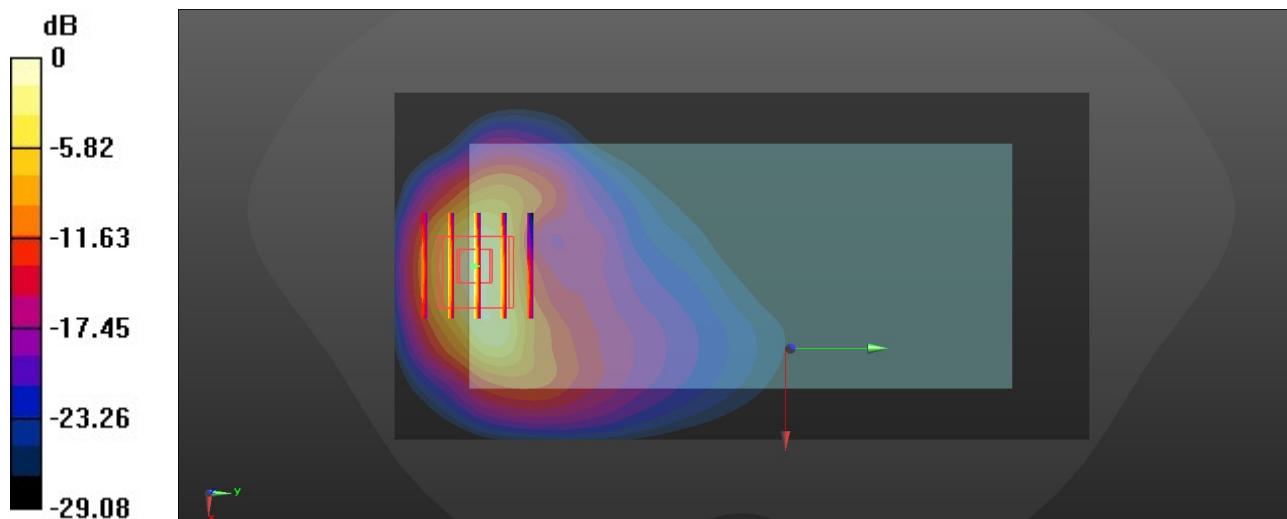
Communication System: UID 0, 5G NR (0); Frequency: 1702.5 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1702.5$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 40.145$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.31, 8.31, 8.31); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.600 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 5.64 W/kg; SAR(10 g) = 2.42 W/kg
Maximum value of SAR (measured) = 8.15 W/kg



0 dB = 8.15 W/kg = 9.11 dBW/kg

108_GSM1900_GPRS (4 Tx slots)_Back_0mm_Ch810

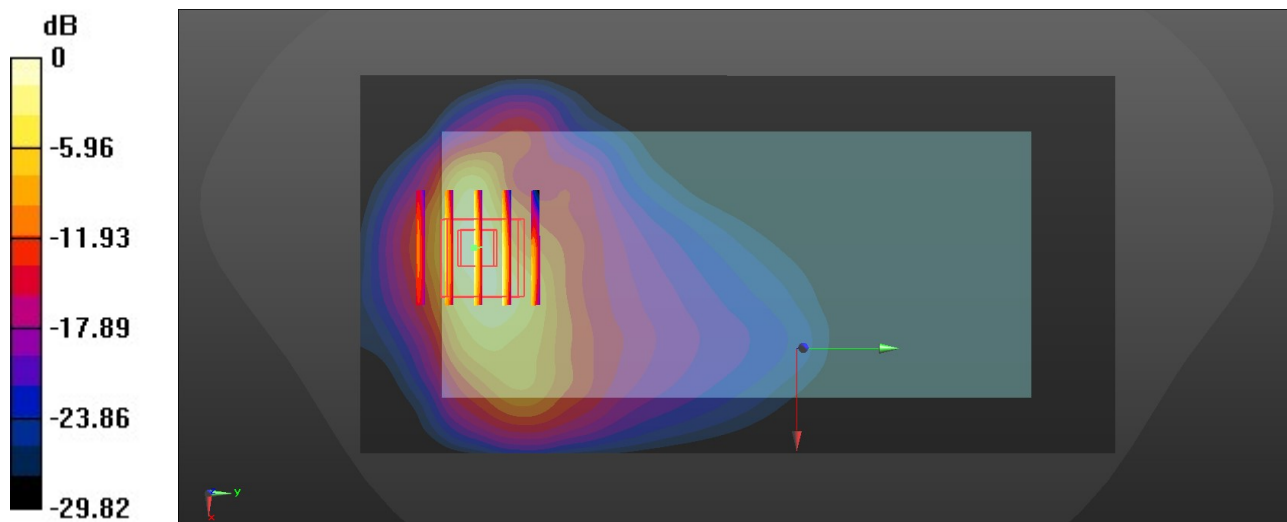
Communication System: UID 0, PCS (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 39.993$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.15, 8.15, 8.15); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.17 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.571 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 5.49 W/kg; SAR(10 g) = 2.53 W/kg
Maximum value of SAR (measured) = 7.54 W/kg



0 dB = 7.54 W/kg = 8.77 dBW/kg

109_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9538

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.464$ S/m; $\epsilon_r = 39.994$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.15, 8.15, 8.15); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.30 W/kg

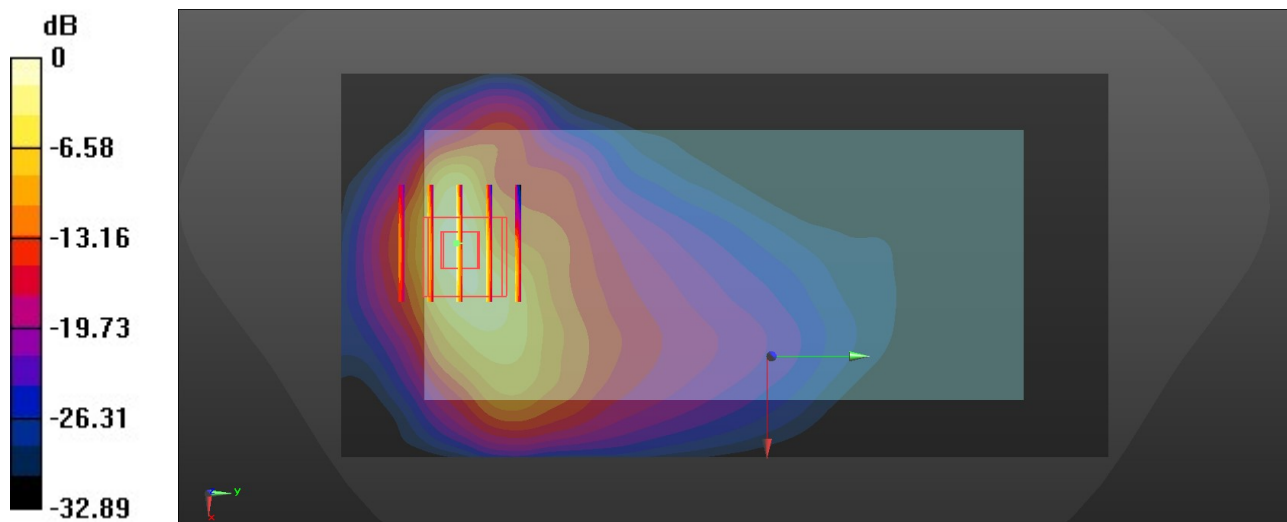
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.323 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.48 W/kg; SAR(10 g) = 2.38 W/kg

Maximum value of SAR (measured) = 7.75 W/kg



0 dB = 7.75 W/kg = 8.89 dBW/kg

110_LTE Band 25_20M_QPSK_1RB_0Offset_Front_0mm_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

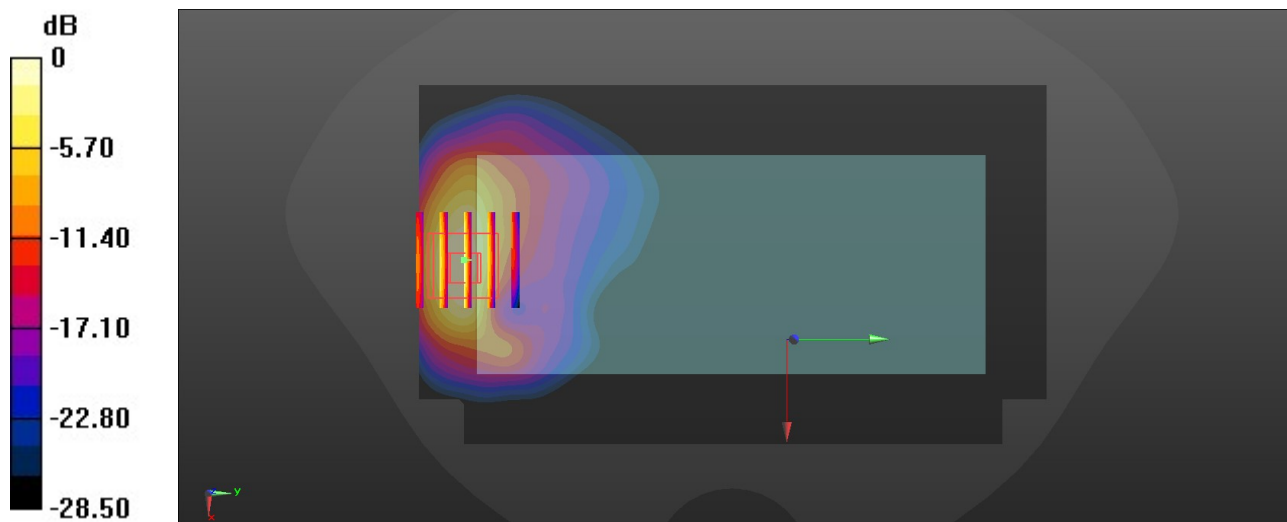
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.15, 8.15, 8.15); Calibrated: 2022/12/14
- 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) = 8.34 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 5.71 W/kg; SAR(10 g) = 2.45 W/kg
Maximum value of SAR (measured) = 8.09 W/kg



0 dB = 8.09 W/kg = 9.08 dBW/kg

111_FR1 n25_40M_QPSK_1RB_1Offset_Front_0mm_Ch376500

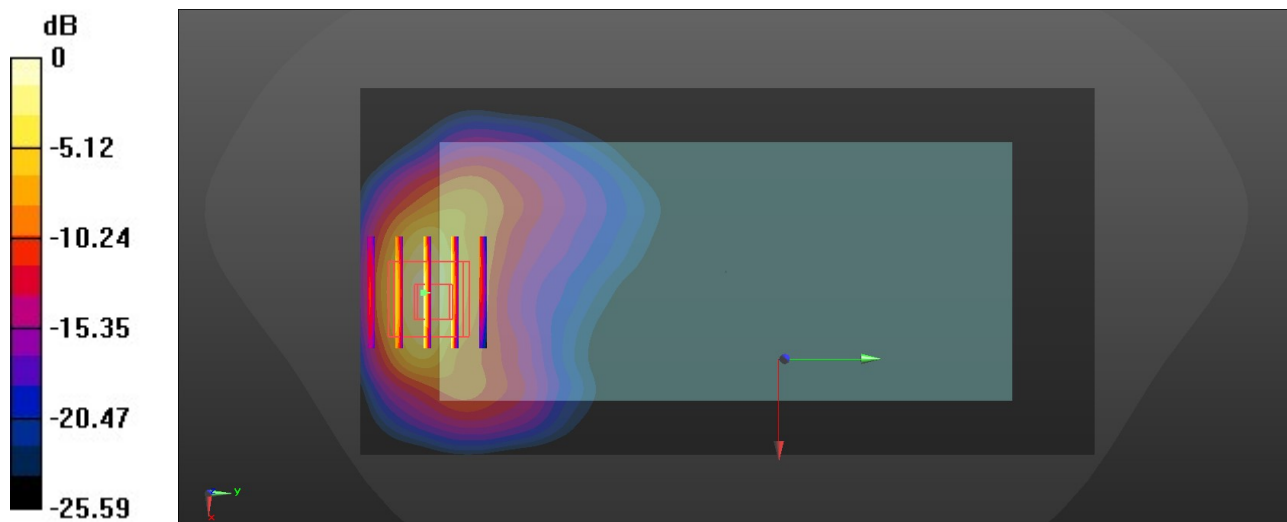
Communication System: UID 0, 5G NR (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.449$ S/m; $\epsilon_r = 40.019$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.15, 8.15, 8.15); Calibrated: 2022/12/14
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.30 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.3620 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 5.66 W/kg; SAR(10 g) = 2.37 W/kg
Maximum value of SAR (measured) = 6.64 W/kg



0 dB = 6.64 W/kg = 8.22 dBW/kg

112_LTE Band 30_10M_QPSK_1RB_0Offset_Front_0mm_Ch27710

Communication System: UID 0, LTE-FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.705$ S/m; $\epsilon_r = 39.466$; $\rho = 1000$ kg/m³

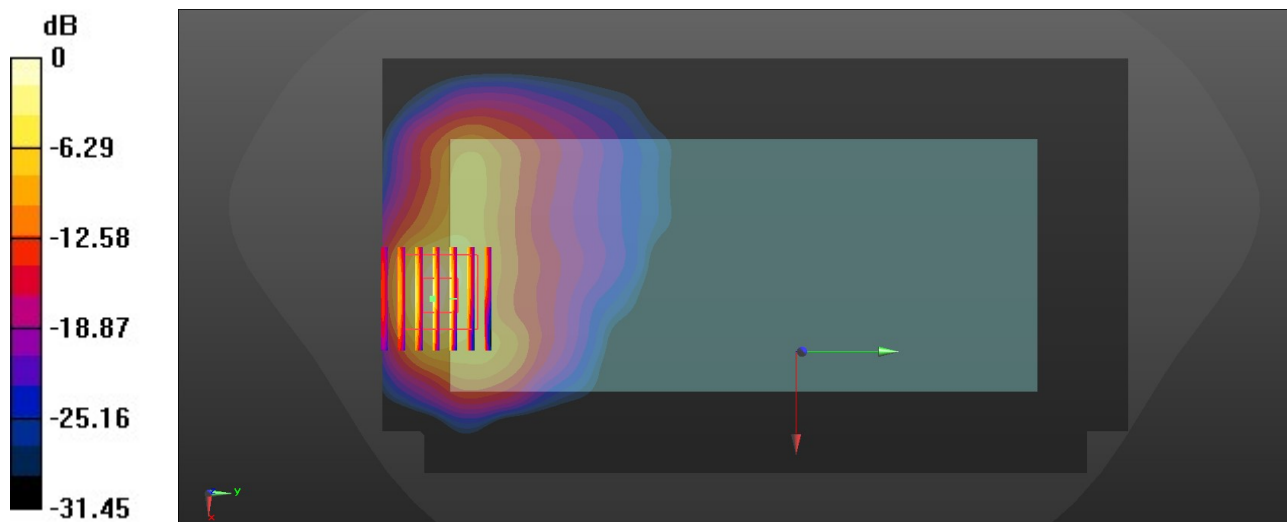
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.73, 7.73, 7.73); Calibrated: 2022/12/14
- 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 (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.37 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(1 g) = 5.58 W/kg; SAR(10 g) = 1.99 W/kg
Maximum value of SAR (measured) = 7.37 W/kg



0 dB = 7.37 W/kg = 8.67 dBW/kg

113_FR1 n30_10M_QPSK_25RB_14Offset_Front_0mm_Ch462000

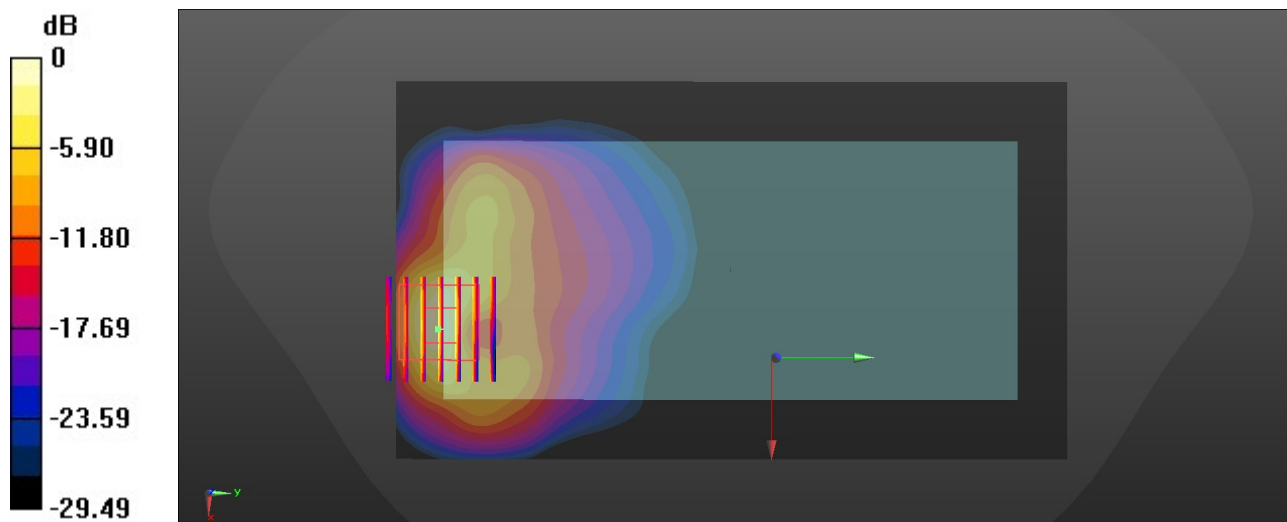
Communication System: UID 0, 5G NR (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.705$ S/m; $\epsilon_r = 39.466$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.73, 7.73, 7.73); Calibrated: 2022/12/14
- 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) = 8.93 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.407 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 6.64 W/kg; SAR(10 g) = 2.36 W/kg
Maximum value of SAR (measured) = 9.06 W/kg



0 dB = 9.06 W/kg = 9.57 dBW/kg

114_LTE Band 7_20M_QPSK_1RB_0Offset_Back_0mm_Ch20850

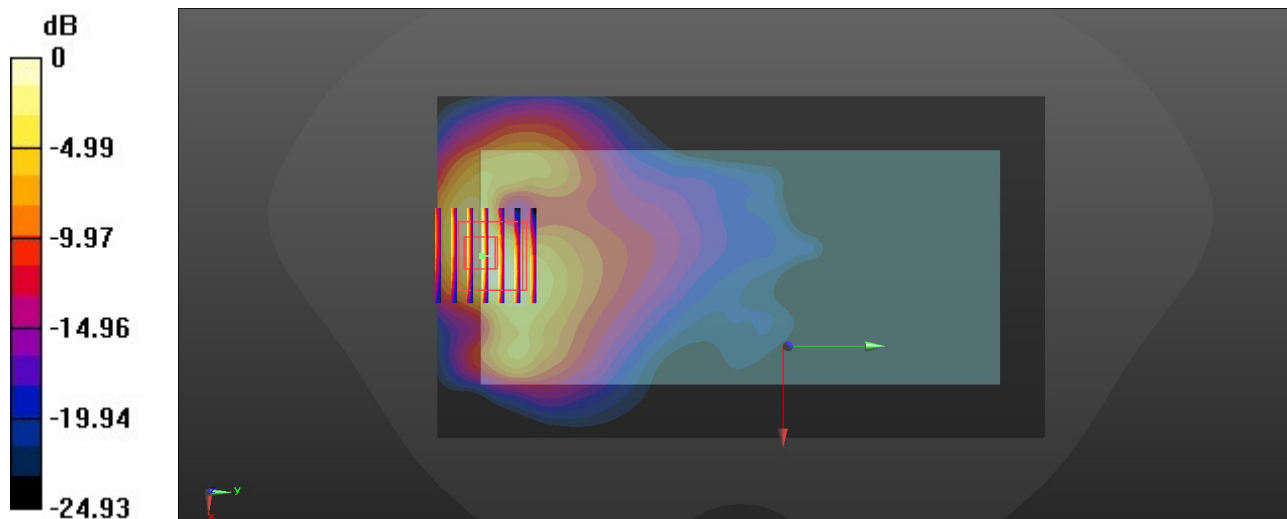
Communication System: UID 0, LTE-FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1
 Medium: HSL_2600 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.916$ S/m; $\epsilon_r = 40.729$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.49, 7.49, 7.49); Calibrated: 2022/12/14
- 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) = 8.72 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 8.703 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 10.7 W/kg
SAR(1 g) = 5.01 W/kg; SAR(10 g) = 2.12 W/kg
 Maximum value of SAR (measured) = 8.65 W/kg



0 dB = 8.65 W/kg = 9.37 dBW/kg

115_LTE Band 41_20M_QPSK_1RB_0Offset_Back_0mm_Ch40620

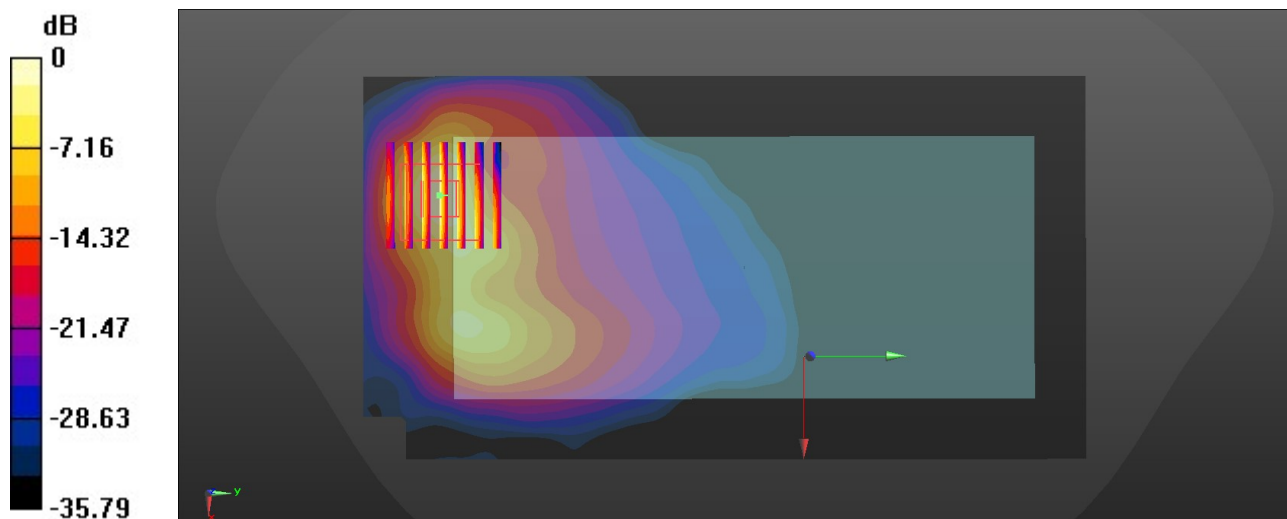
Communication System: UID 0, LTE-HPUE (0); Frequency: 2593 MHz; Duty Cycle: 1:2.33
Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 40.615$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.49, 7.49, 7.49); Calibrated: 2022/12/14
- 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) = 8.87 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.739 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 6.37 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 9.84 W/kg



0 dB = 9.84 W/kg = 9.93 dBW/kg

116_FR1 n7_50M_QPSK_135RB_68Offset_Front_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; $\sigma = 1.939$ S/m; $\epsilon_r = 40.633$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.49, 7.49, 7.49); Calibrated: 2022/12/14
- 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) = 6.37 W/kg

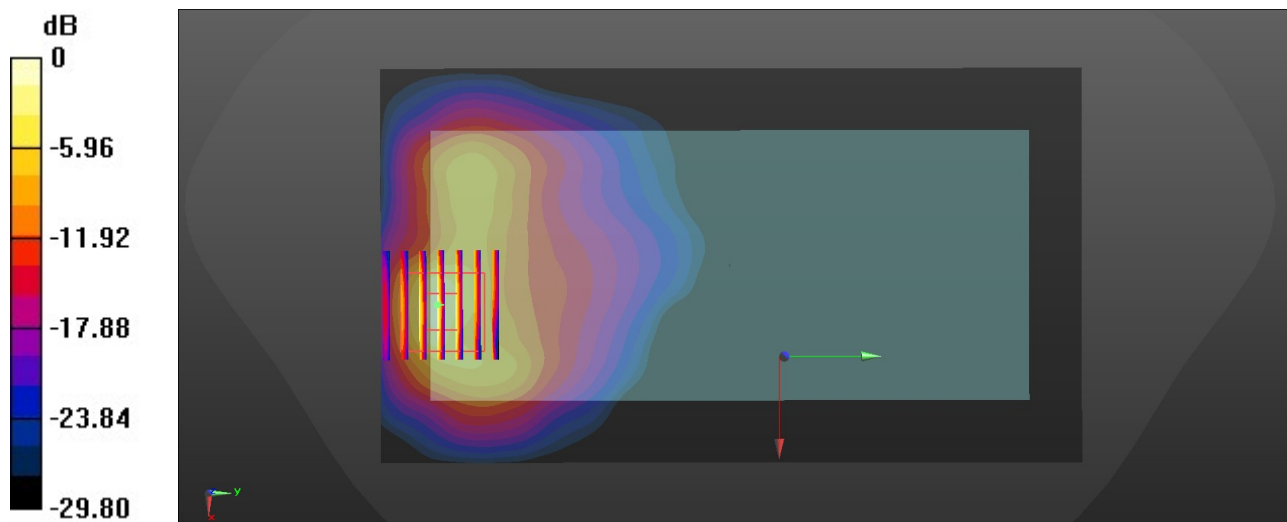
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.817 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 18.4 W/kg

SAR(1 g) = 6.23 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 9.02 W/kg



0 dB = 9.02 W/kg = 9.55 dBW/kg

117_FR1 n41_100M_QPSK_135RB_69Offset_Left Side_0mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 40.615$; $\rho = 1000$ kg/m³

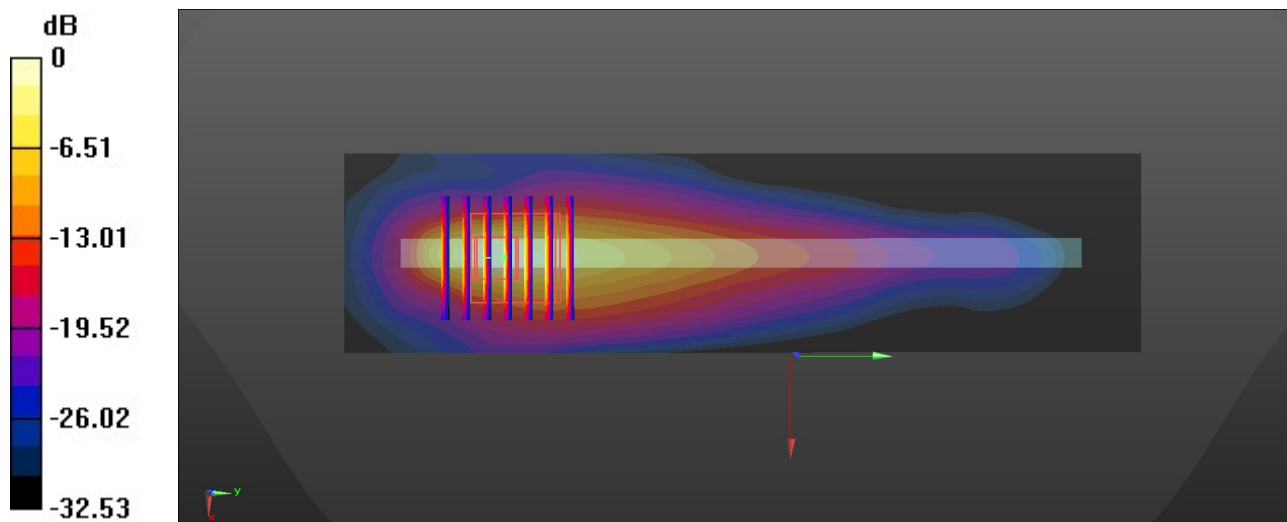
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.49, 7.49, 7.49); Calibrated: 2022/12/14
- 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 (41x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.4 W/kg

Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.79 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 37.9 W/kg
SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.45 W/kg
Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

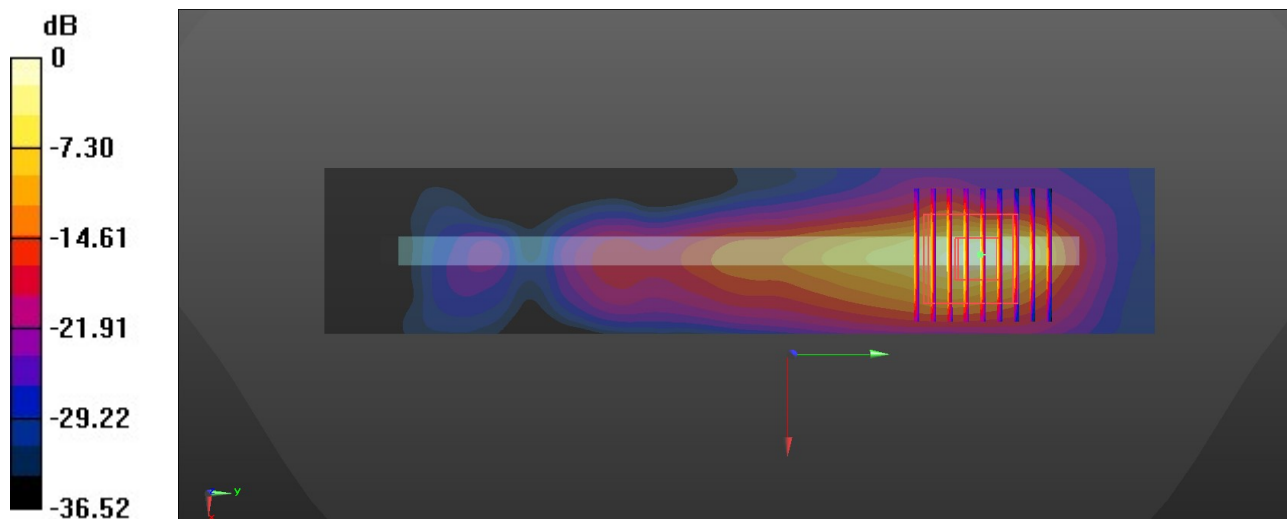
118_LTE Band 48_20M_QPSK_1RB_0Offset_Right Side_0mm_Ch55340

Communication System: UID 0, LTE-TDD (0); Frequency: 3560 MHz; Duty Cycle: 1:1.59
Medium: HSL_3500 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.942$ S/m; $\epsilon_r = 38.371$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

- DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.7, 6.7, 6.7); Calibrated: 2022/12/14
 - 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 (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 27.1 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.54 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 54.9 W/kg
SAR(1 g) = 8.41 W/kg; SAR(10 g) = 2.4 W/kg
Maximum value of SAR (measured) = 24.6 W/kg



0 dB = 24.6 W/kg = 13.91 dBW/kg

119_FR1 n48_100M_QPSK_1RB_1Offset_Left Side_0mm_Ch641666

Communication System: UID 0, 5G NR (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1
Medium: HSL_3700 Medium parameters used: $f = 3625$ MHz; $\sigma = 2.97$ S/m; $\epsilon_r = 38.377$; $\rho = 1000$ kg/m³

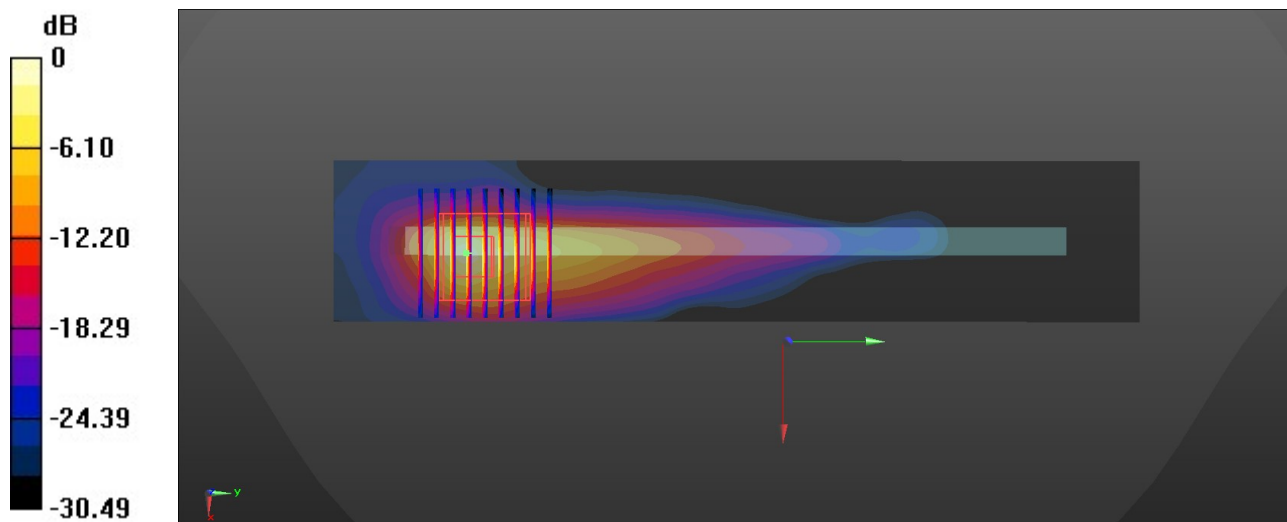
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

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 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 (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.8 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.05 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 34.7 W/kg
SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.35 W/kg
Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

120_FR1 n77_100M_QPSK_1RB_1Offset_Left Side_0mm_Ch633334

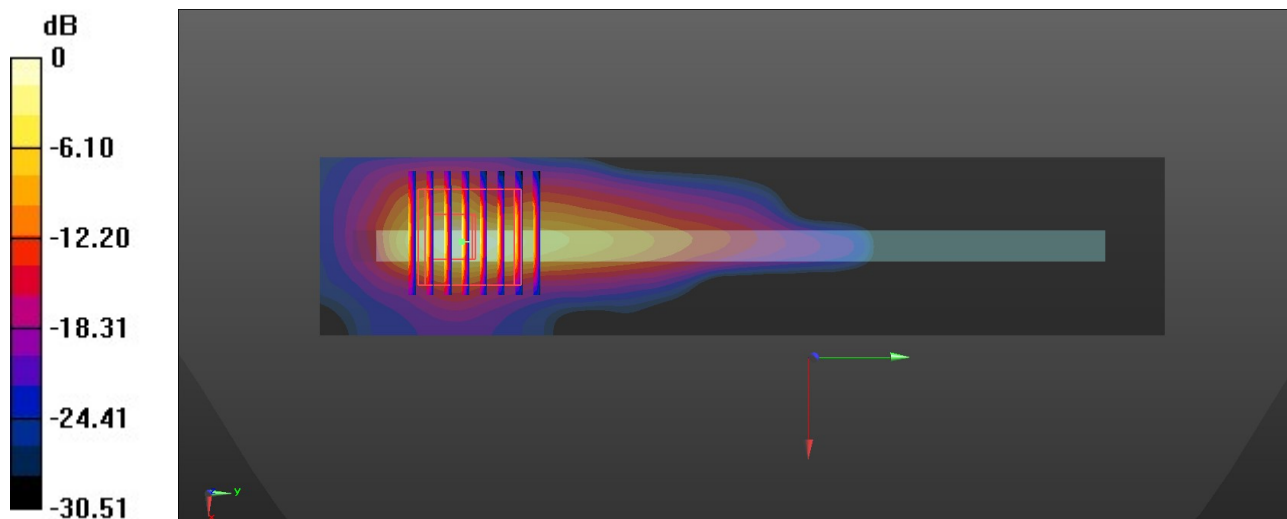
Communication System: UID 0, 5G NR (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
Medium: HSL_3500 Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.835$ S/m; $\epsilon_r = 39.048$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.7, 6.7, 6.7); Calibrated: 2022/12/14
- 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 (41x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 21.2 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.72 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 40.8 W/kg
SAR(1 g) = 9.01 W/kg; SAR(10 g) = 2.5 W/kg
Maximum value of SAR (measured) = 22.4 W/kg



0 dB = 22.4 W/kg = 13.50 dBW/kg

121_WLAN2.4GHz_802.11b 1Mbps_Right Side_0mm_Ch6

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.007
Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.864$ S/m; $\epsilon_r = 40.823$; $\rho = 1000$ kg/m³

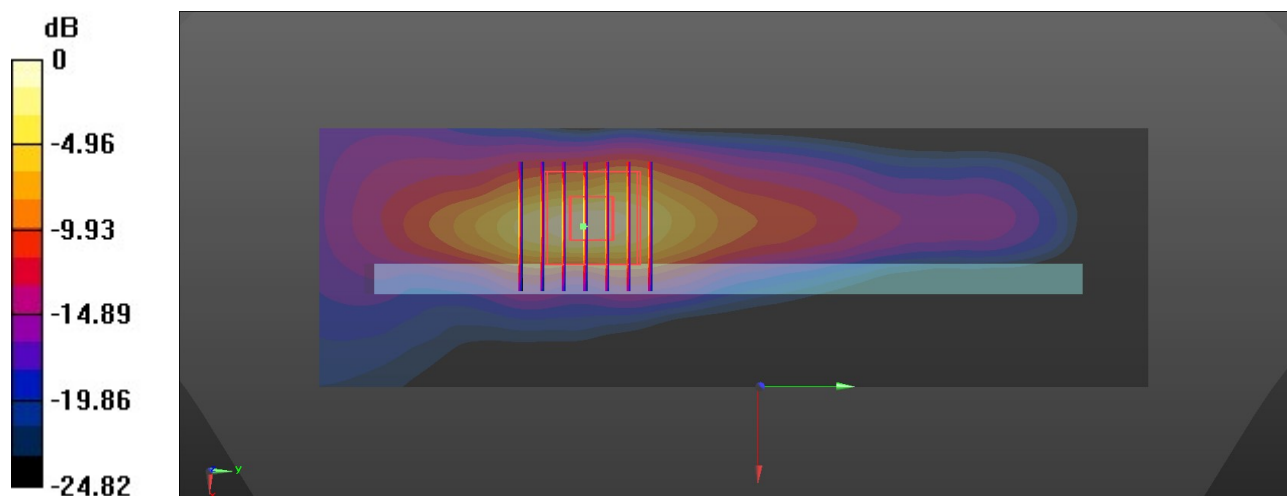
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.71, 7.71, 7.71); Calibrated: 2022/12/14
- 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 (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.79 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.705 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 4.8 W/kg; SAR(10 g) = 1.79 W/kg
Maximum value of SAR (measured) = 7.44 W/kg



0 dB = 7.44 W/kg = 8.72 dBW/kg

122_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch46

Communication System: UID 0, WLAN5GHz (0); Frequency: 5230 MHz; Duty Cycle: 1:1.065
Medium: HSL_5000 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.541$ S/m; $\epsilon_r = 36.367$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °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 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 (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

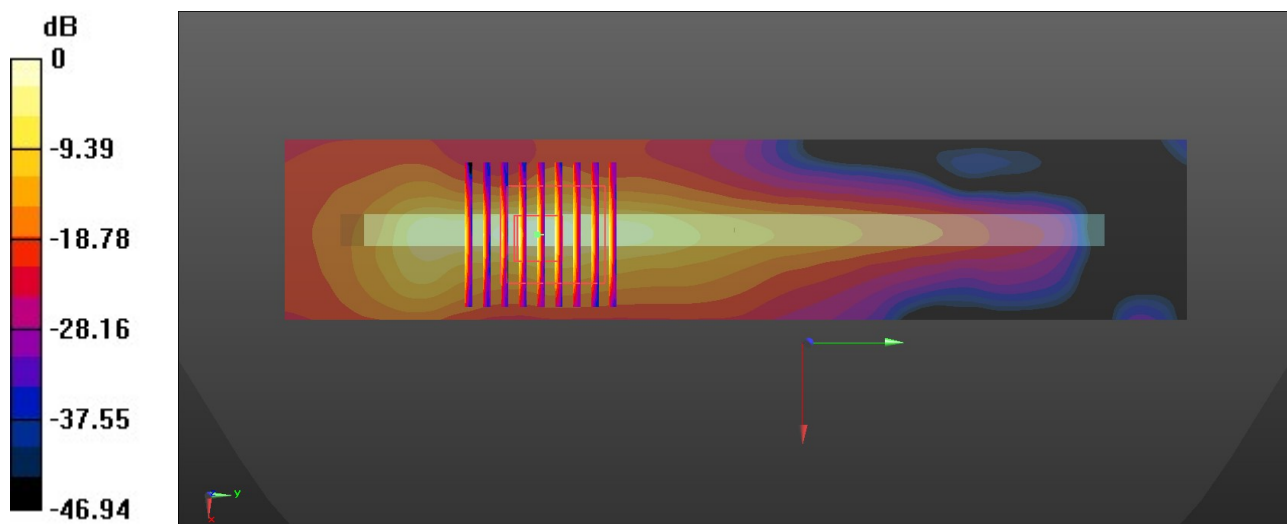
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.61 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 40.6 W/kg

SAR(1 g) = 5.59 W/kg; SAR(10 g) = 1.29 W/kg

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



0 dB = 17.9 W/kg = 12.53 dBW/kg

123_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch54

Communication System: UID 0, WLAN5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.065
Medium: HSL_5000 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.61$ S/m; $\epsilon_r = 36.284$; $\rho = 1000$ kg/m³

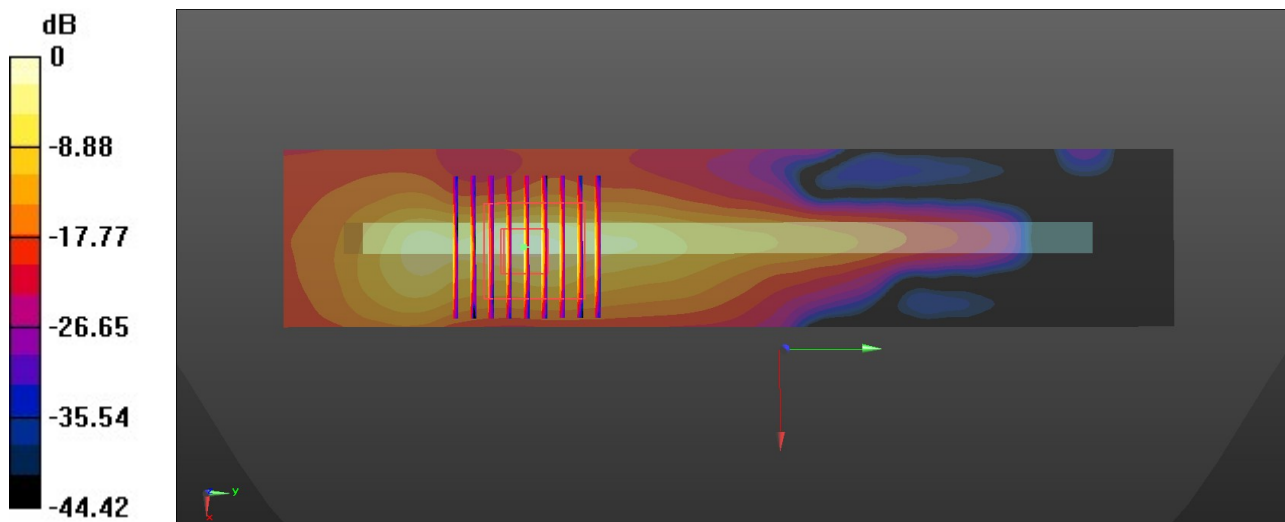
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

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 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 (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 10.9 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.09 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 44.8 W/kg
SAR(1 g) = 5.99 W/kg; SAR(10 g) = 1.39 W/kg
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.0 W/kg = 12.55 dBW/kg

124_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch110

Communication System: UID 0, WLAN5GHz (0); Frequency: 5550 MHz; Duty Cycle: 1:1.065
Medium: HSL_5000 Medium parameters used: $f = 5550$ MHz; $\sigma = 4.907$ S/m; $\epsilon_r = 35.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.86, 4.86, 4.86); Calibrated: 2022/12/14
- 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 (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 14.5 W/kg

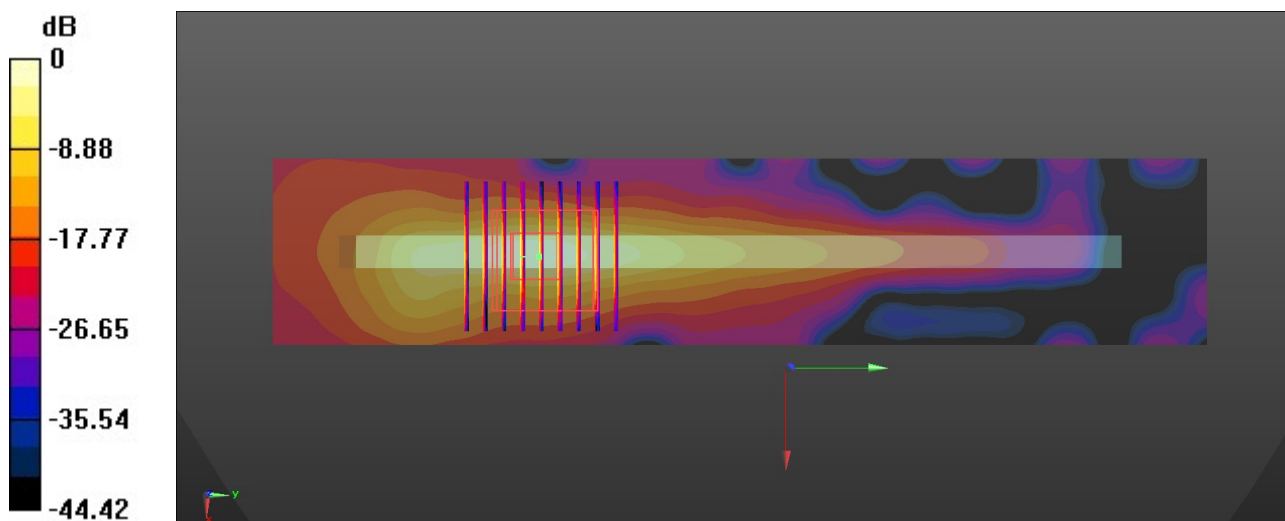
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.25 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 41.4 W/kg

SAR(1 g) = 5.56 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 18.9 W/kg



0 dB = 18.9 W/kg = 12.76 dBW/kg

125_WLAN5GHz_802.11ac-VHT80 MCS0_Right Side_0mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1.126
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.286$ S/m; $\epsilon_r = 35.727$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °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 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 (41x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.1 W/kg

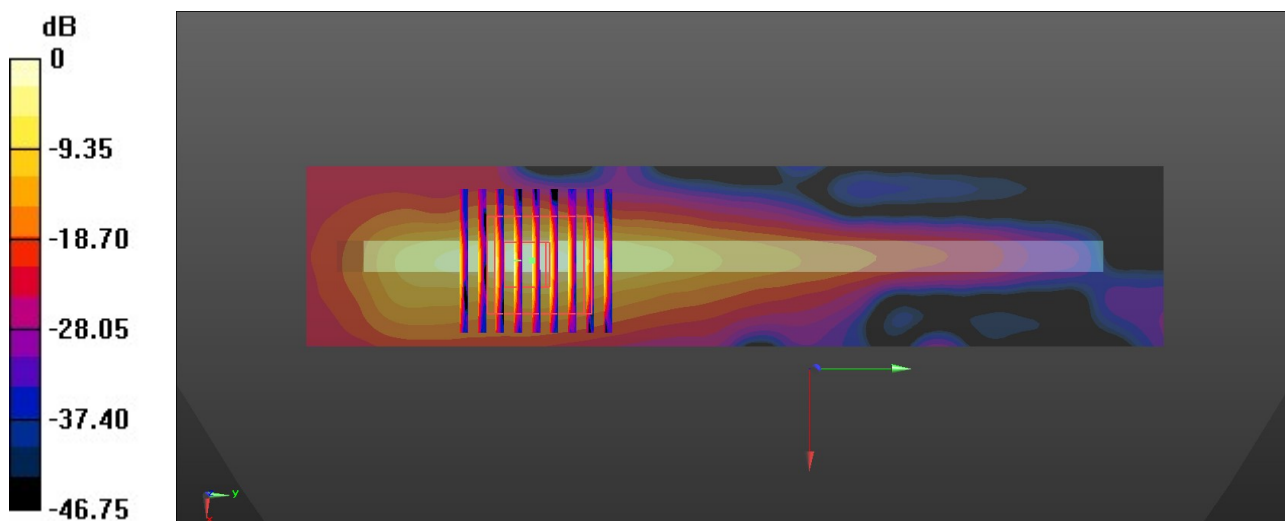
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.83 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 62.0 W/kg

SAR(1 g) = 7.9 W/kg; SAR(10 g) = 1.75 W/kg

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



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