

27_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; $\sigma = 0.926$ S/m; $\epsilon_r = 43.342$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.48, 6.48, 6.48); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 0.823 W/kg

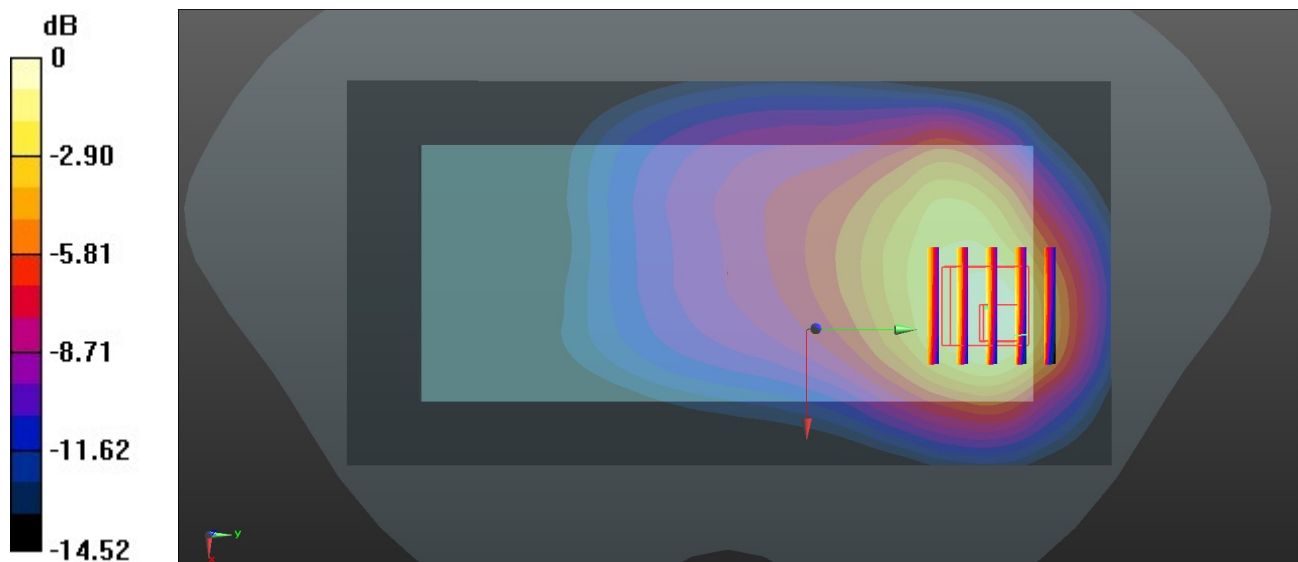
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.10 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.418 W/kg

Maximum value of SAR (measured) = 0.834 W/kg



0 dB = 0.834 W/kg = -0.79 dBW/kg

28_GSM850_GPRS(2 Tx slots)_Back_5mm_Ch251

Communication System: UID 0, GSM850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: HSL_835 Medium parameters used: $f = 849$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.072$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.23, 6.23, 6.23); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.02 W/kg

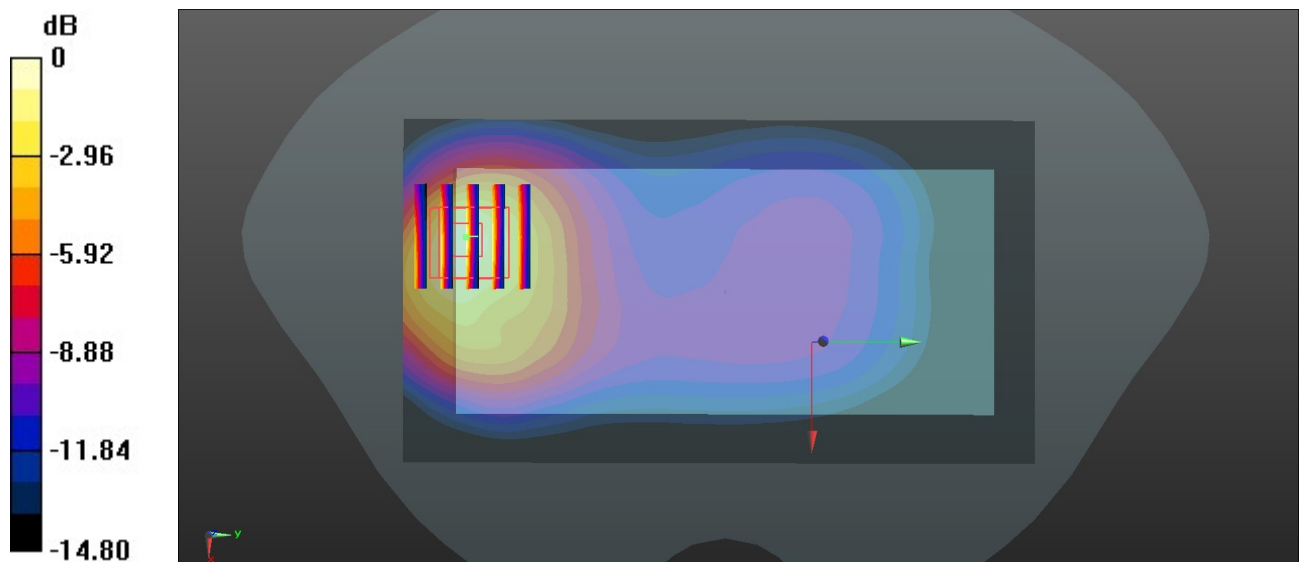
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.13 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.475 W/kg

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



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

29_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4233

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 847$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.098$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.23, 6.23, 6.23); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 1.28 W/kg

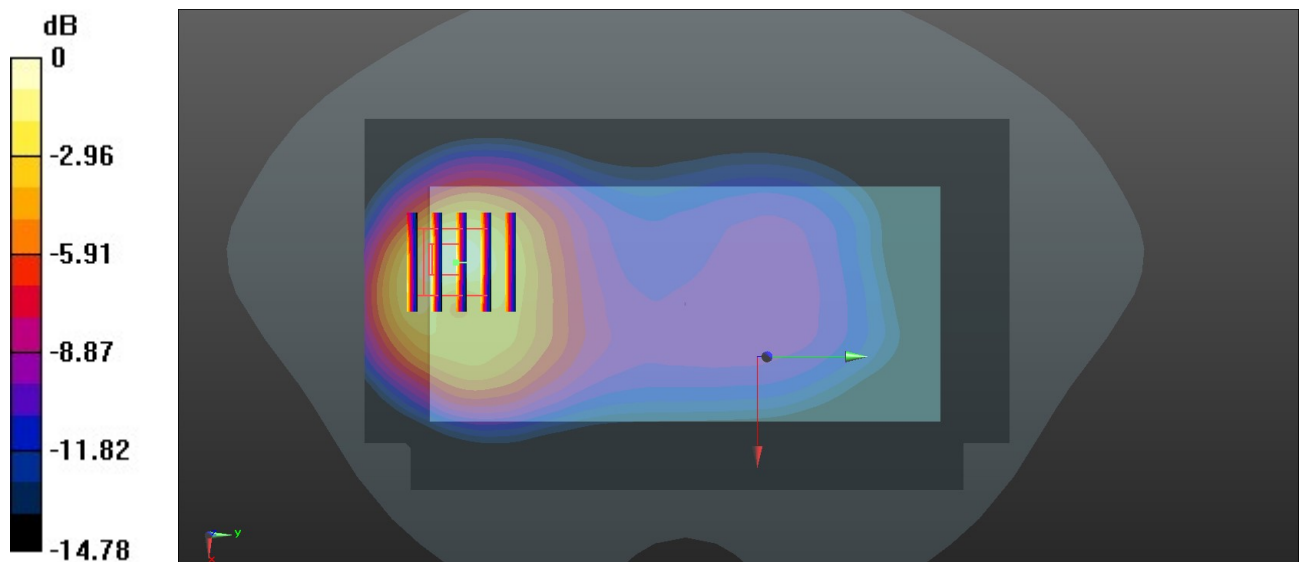
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.68 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.523 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

30_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; $\sigma = 0.898$ S/m; $\epsilon_r = 41.28$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.23, 6.23, 6.23); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 1.20 W/kg

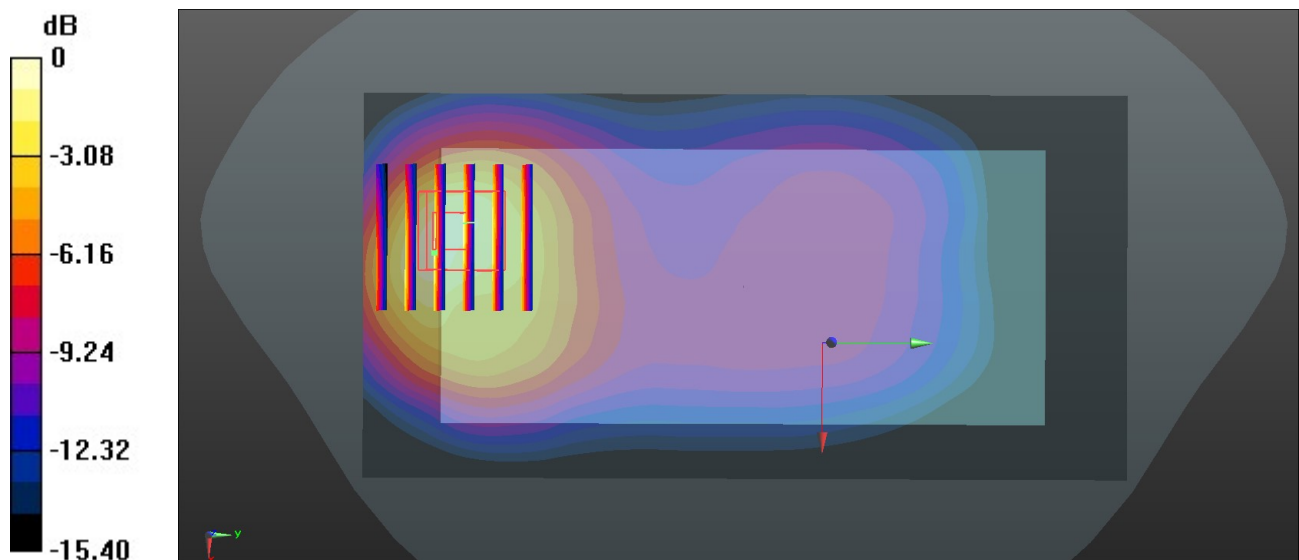
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 35.29 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.505 W/kg

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



0 dB = 1.27 W/kg = 1.04 dBW/kg

31_FR1 n5_20M_QPSK_1RB_1Offset_Back_5mm_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.219$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.23, 6.23, 6.23); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 0.838 W/kg

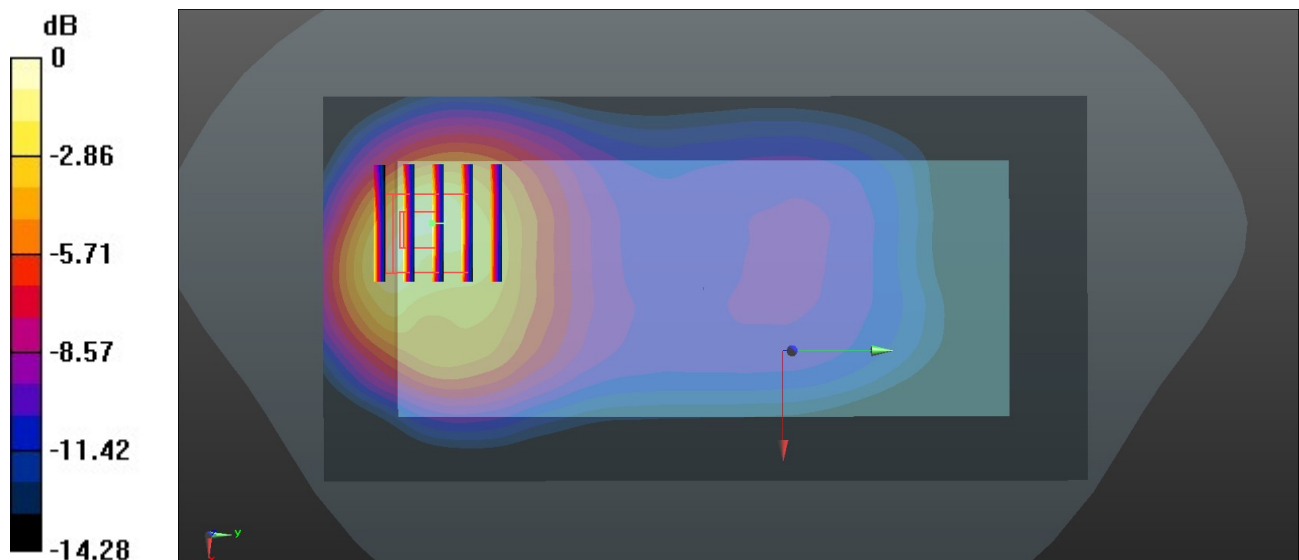
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.17 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 0.980 W/kg



0 dB = 0.980 W/kg = -0.09 dBW/kg

32_WCDMA IV_RMC 12.2Kbps_Bottom Side_5mm_Ch1312

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.59$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.52, 5.52, 5.52); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

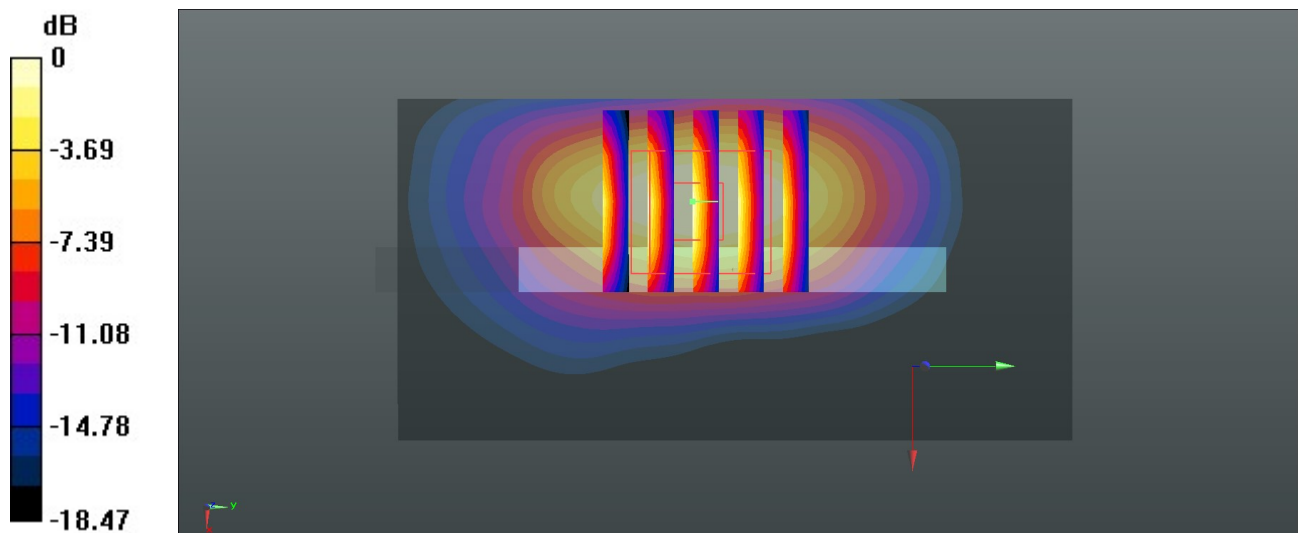
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.234 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.99 W/kg; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

33_LTE Band 66_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch132072

Communication System: UID 0, LTE-FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 40.565$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.52, 5.52, 5.52); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

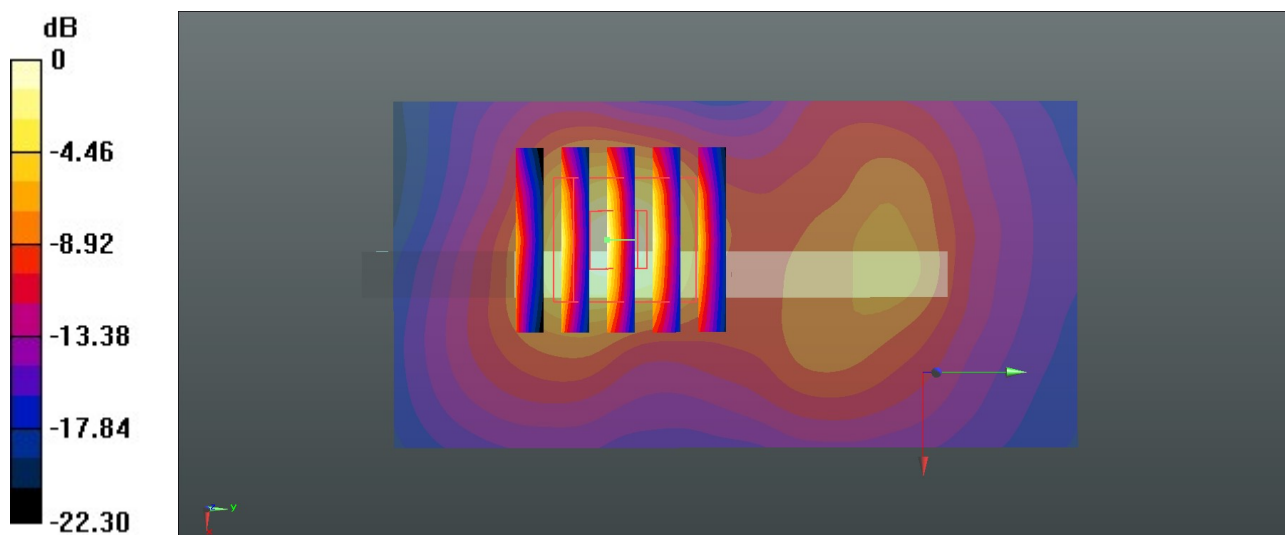
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.07 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.381 W/kg

Maximum value of SAR (measured) = 1.193 W/kg



0 dB = 1.193 W/kg = 0.77 dBW/kg

34_FR1 n66_40M_QPSK_1RB_1Offset_Bottom Side_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; $\sigma = 1.391$ S/m; $\epsilon_r = 40.519$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.52, 5.52, 5.52); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

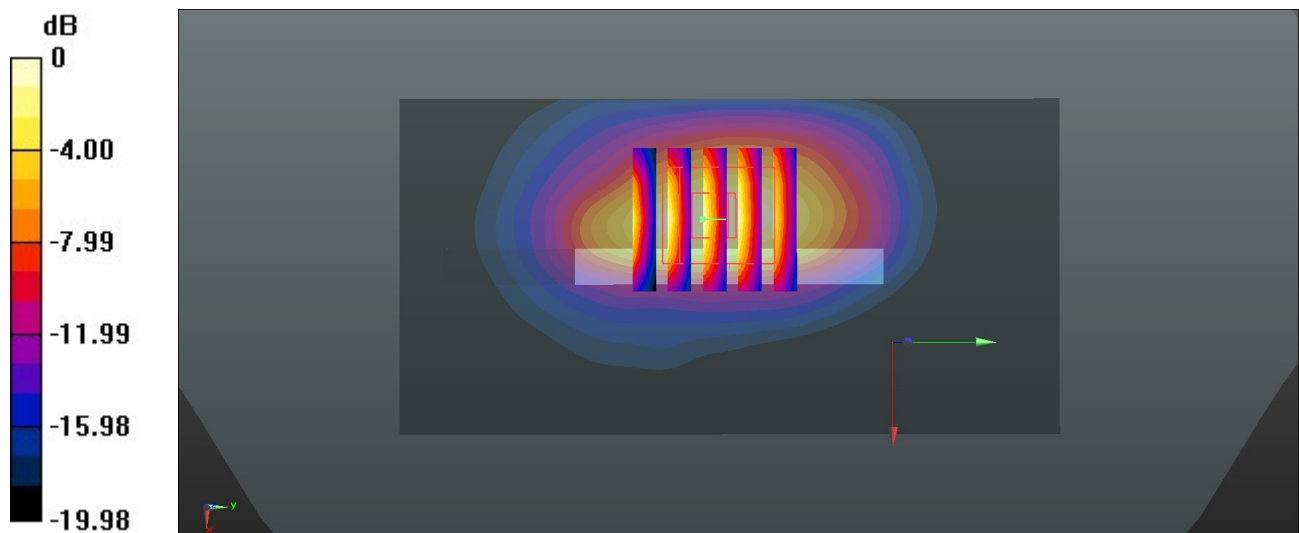
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.640 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.536 W/kg

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



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

35_GSM1900_GPRS (4 Tx slots)_Bottom Side_5mm_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; $\sigma = 1.458$ S/m; $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

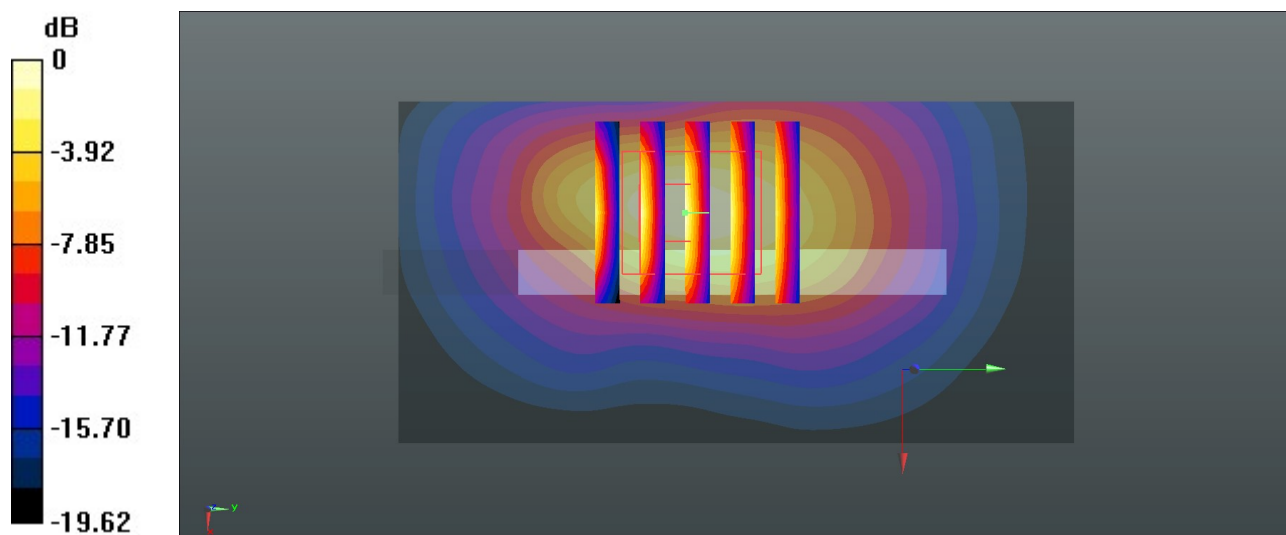
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.14 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.487 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.1 dBW/kg

36_WCDMA II_RMC 12.2Kbps_Bottom Side_5mm_Ch9262

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.677$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

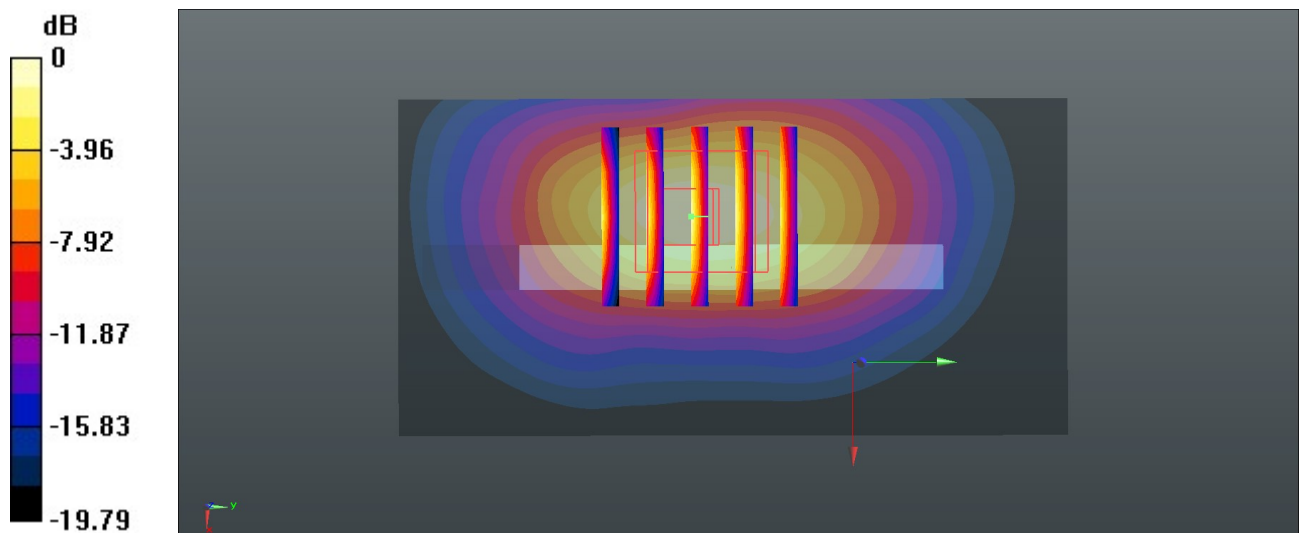
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.906 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.443 W/kg

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



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

37_LTE Band 25_20M_QPSK_1RB_0Offset__Bottom Side_5mm_Ch26140

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 39.669$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

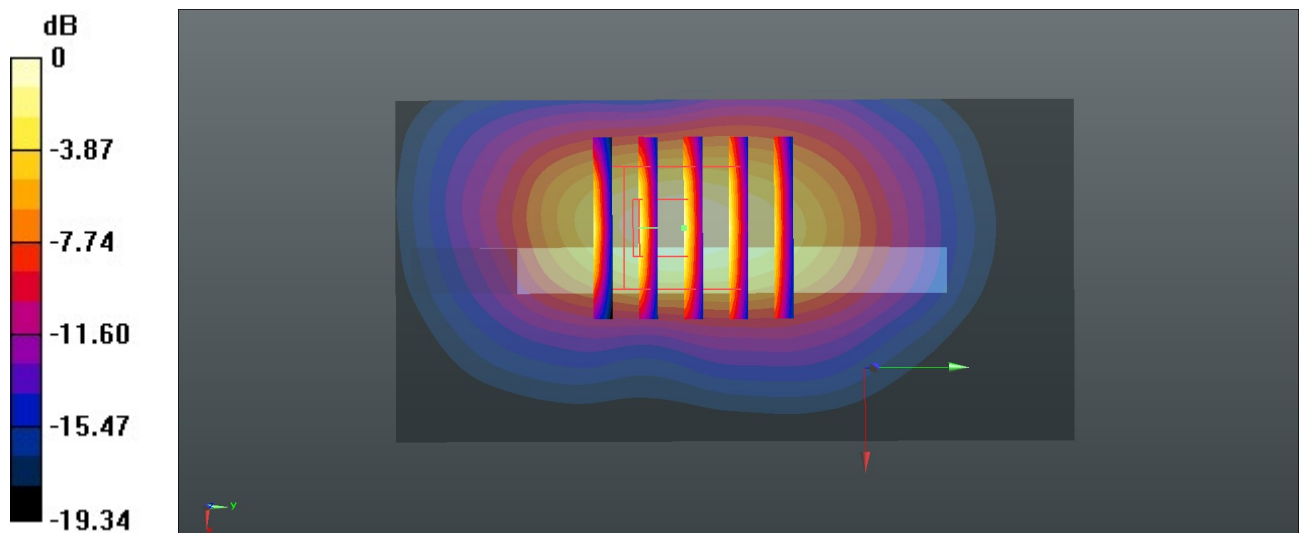
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.09 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.472 W/kg

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



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

38_FR1 n2_20M_QPSK_50RB_28Offset__Bottom Side_5mm_Ch372000

Communication System: UID 0, 5G NR (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 39.669$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

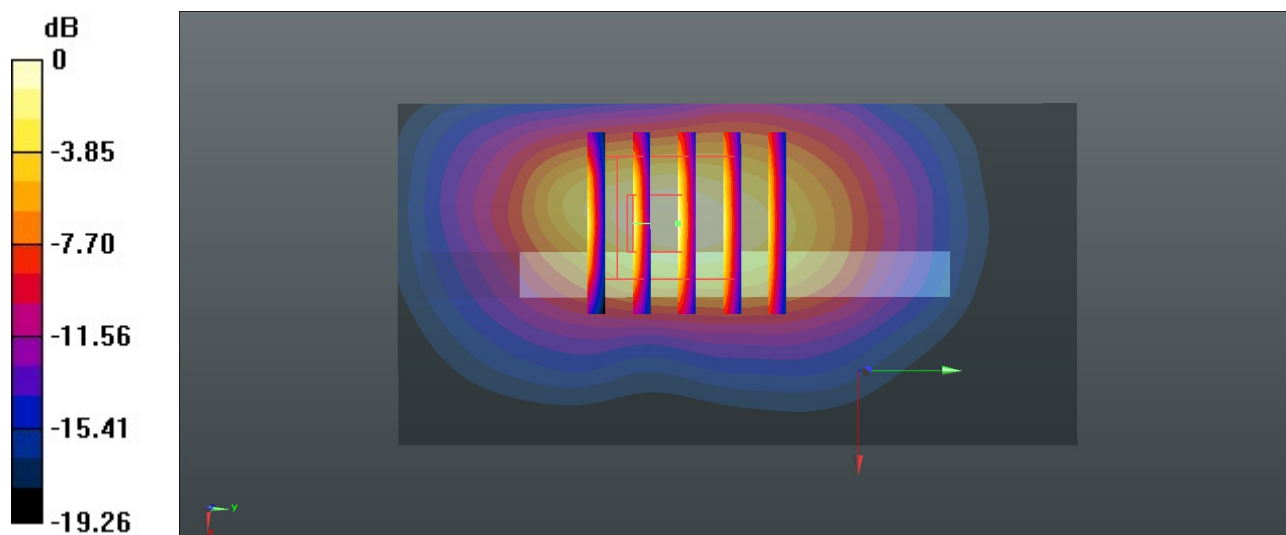
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.621 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

39_LTE Band 7_20M_QPSK_1RB_0Offset__Bottom Side_5mm_Ch21100

Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.958$ S/m; $\epsilon_r = 40.709$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.47, 4.47, 4.47); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

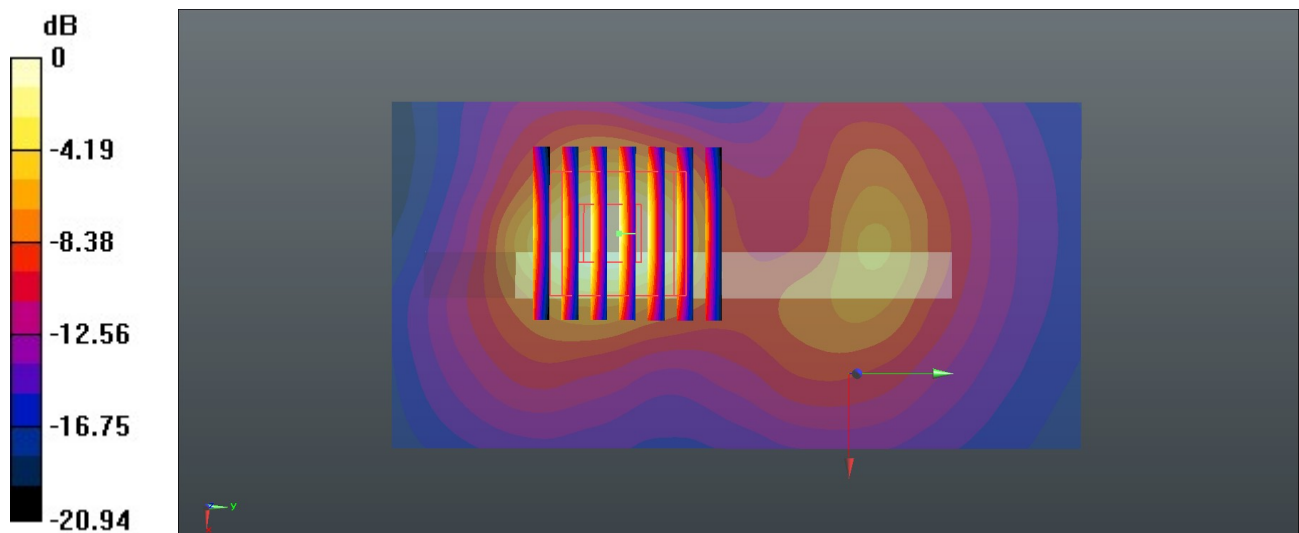
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.07 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.395 W/kg

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



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

40_LTE Band 41 HPUE_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch41055

Communication System: UID 0, LTE-HPUE (0); Frequency: 2636.5 MHz; Duty Cycle: 1:2.33

Medium: HSL_2600 Medium parameters used: $f = 2637$ MHz; $\sigma = 2.039$ S/m; $\epsilon_r = 40.529$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.47, 4.47, 4.47); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

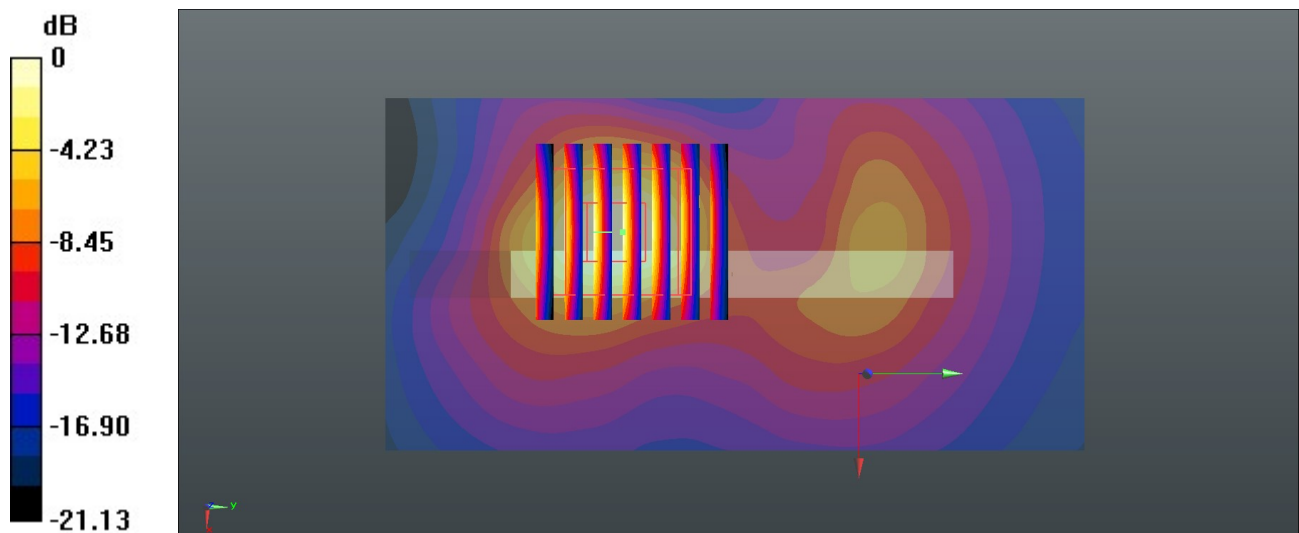
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.64 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.64 W/kg

SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.420 W/kg

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



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

41_FR1 n7_40M_QPSK_1RB_1Offset_Bottom Side_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; $\sigma = 1.958$ S/m; $\epsilon_r = 40.709$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.47, 4.47, 4.47); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

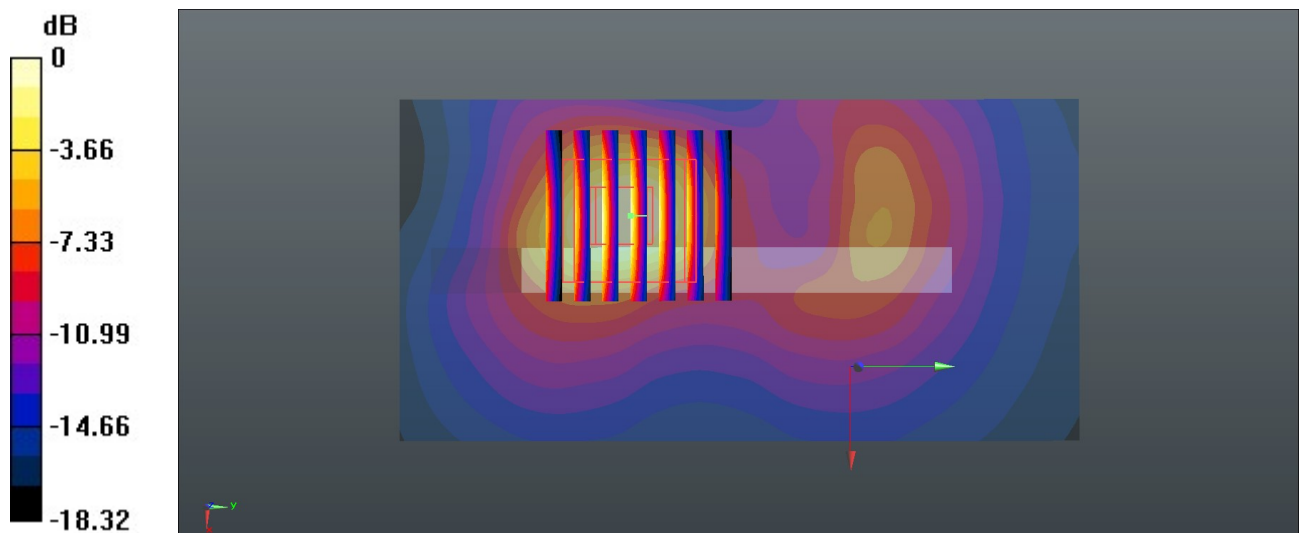
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.274 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.427 W/kg

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



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

42_FR1 n41 HPUE_100M_QPSK_1RB_1Offset_Bottom Side_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; $\sigma = 2.004$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.47, 4.47, 4.47); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.03 W/kg

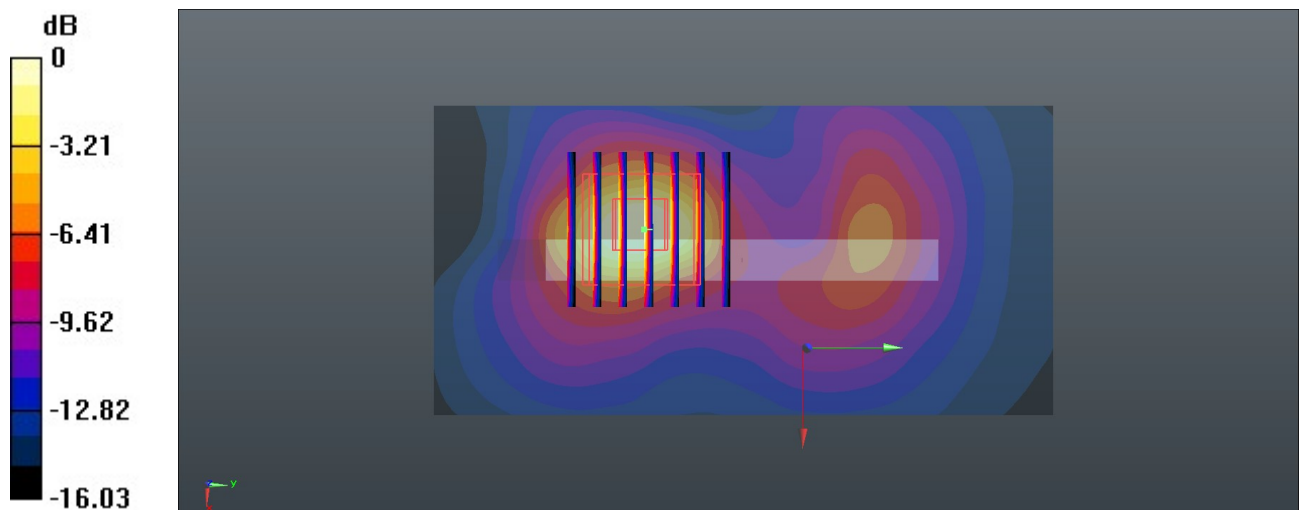
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.346 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.441 W/kg

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



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

43_LTE Band 42_20M_QPSK_1RB_0Offset_Left Side_5mm_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; $\sigma = 2.879$ S/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(6.65, 6.65, 6.65); Calibrated: 2021/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 1.32 W/kg

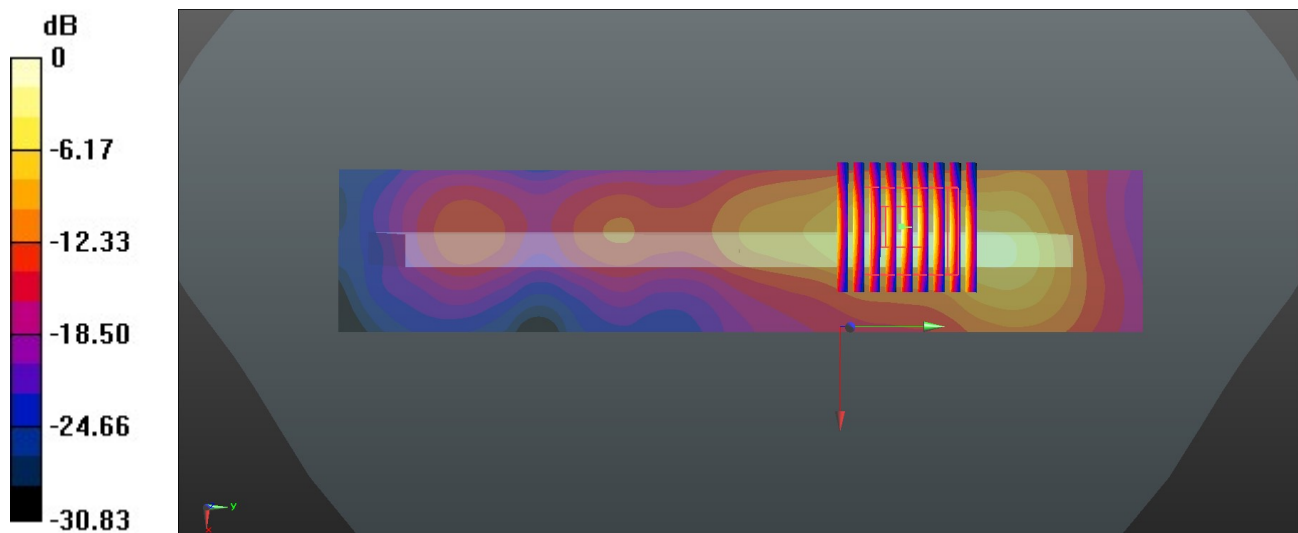
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.017 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 dBW/kg

44_LTE Band 48_20M_QPSK_1RB_0Offset_Left Side_5mm_Ch55830

Communication System: UID 0, LTE-TDD (0); Frequency: 3609 MHz; Duty Cycle: 1:1.59

Medium: HSL_3700 Medium parameters used: $f = 3609$ MHz; $\sigma = 2.99$ S/m; $\epsilon_r = 38.244$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(6.4, 6.4, 6.4); Calibrated: 2021/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 1.28 W/kg

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

Reference Value = 8.841 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.274 W/kg

Maximum value of SAR (measured) = 1.69 W/kg

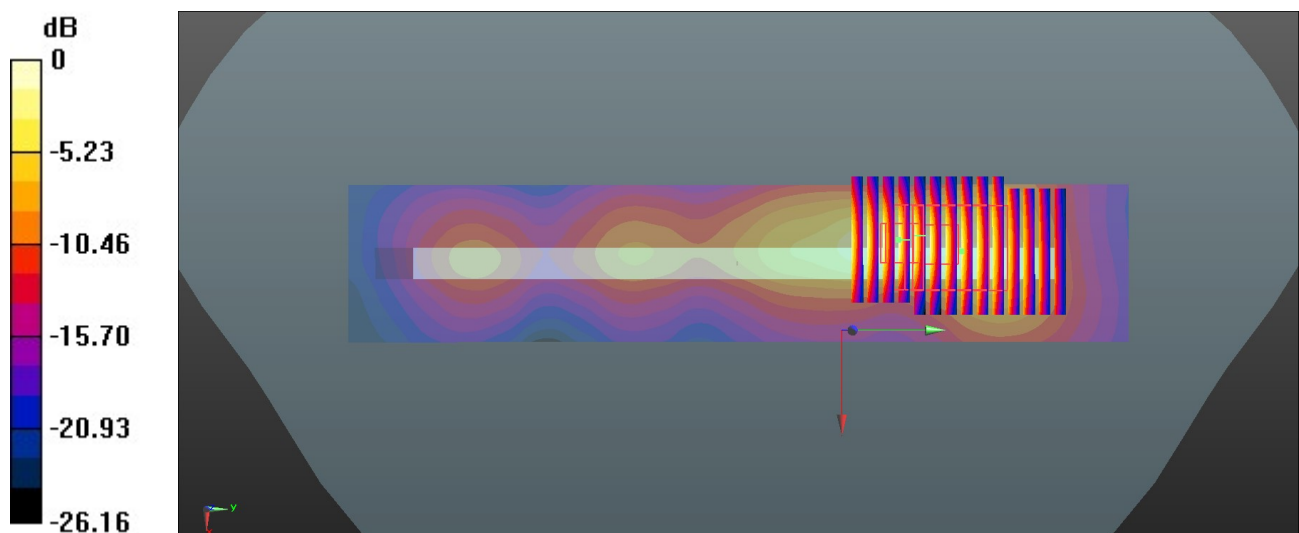
Zoom Scan (9x10x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.841 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

45_FR1 n77 Part27Q HPUE_100M_QPSK_1RB_1Offset_Left Side_5mm_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; $\sigma = 2.879$ S/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(6.65, 6.65, 6.65); Calibrated: 2021/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 2.10 W/kg

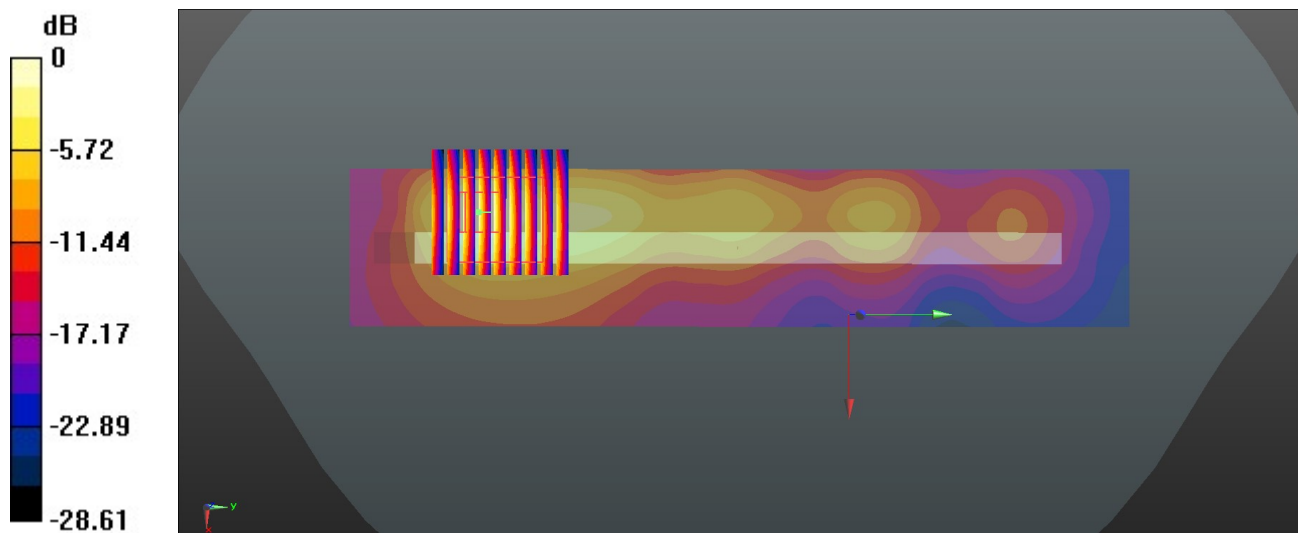
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.38 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

46_WLAN2.4GHz_802.11b 1Mbps_Right Side_5mm_Ch6

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

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 39.347$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.75, 4.75, 4.75); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 0.360 W/kg

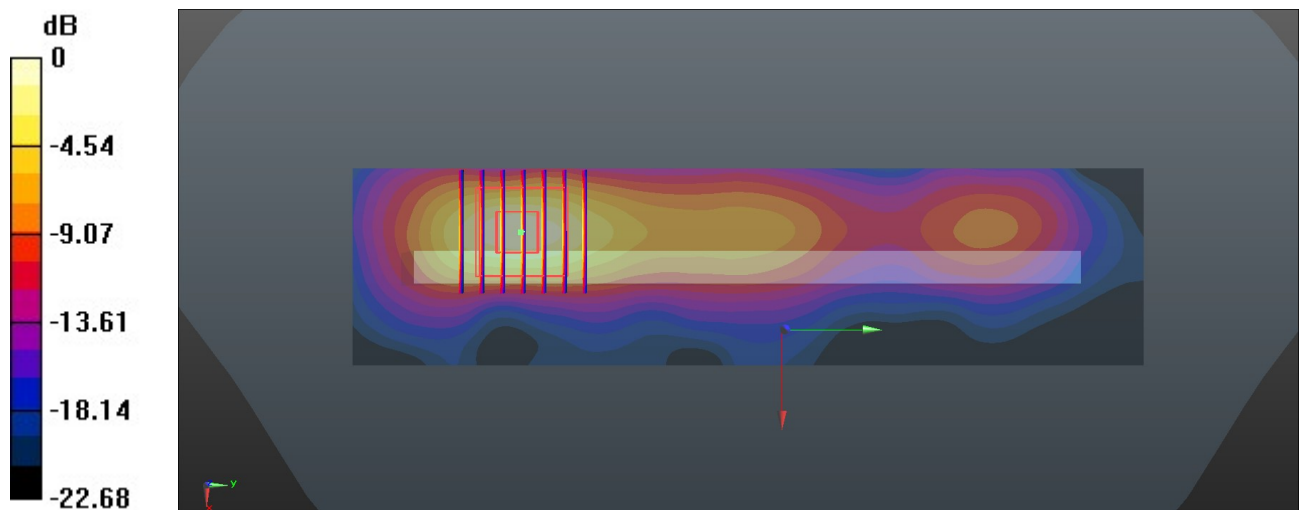
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.781 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.630 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

47_Bluetooth_1Mbps_Right Side_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.296

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.735$ S/m; $\epsilon_r = 39.381$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.75, 4.75, 4.75); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.395 W/kg

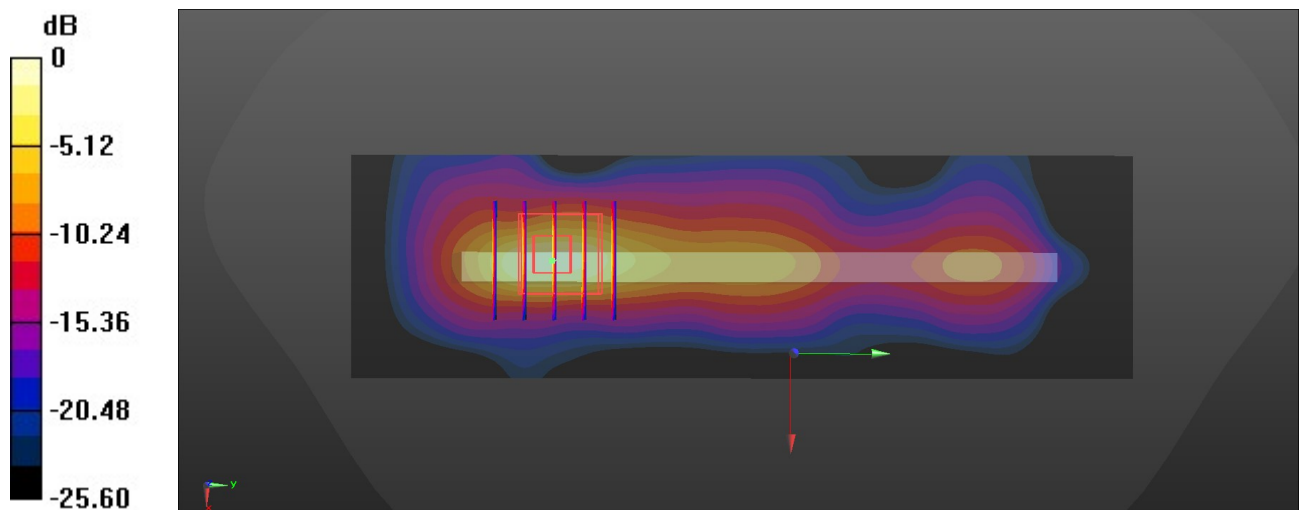
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.32 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.055 W/kg

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



0 dB = 0.502 W/kg = -2.99 dBW/kg

48_WLAN5GHz_802.11ac-VHT80 MCS0_Right Side_5mm_Ch42

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

Medium: HSL_5000 Medium parameters used: $f = 5210$ MHz; $\sigma = 4.515$ S/m; $\epsilon_r = 35.53$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x201x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.438 W/kg

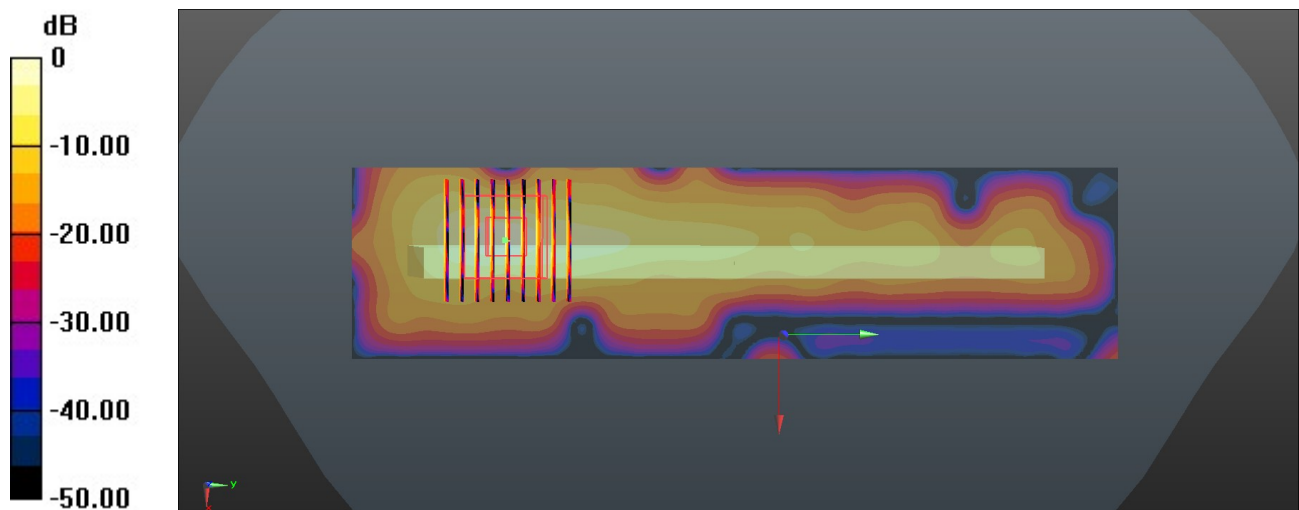
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.271 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

49_WLAN5GHz_Ant 2+6_802.11ac-VHT80 MCS0_Right Side_5mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.164$ S/m; $\epsilon_r = 34.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3-SN3279; ConvF(4.75, 4.75, 4.75); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.211 W/kg

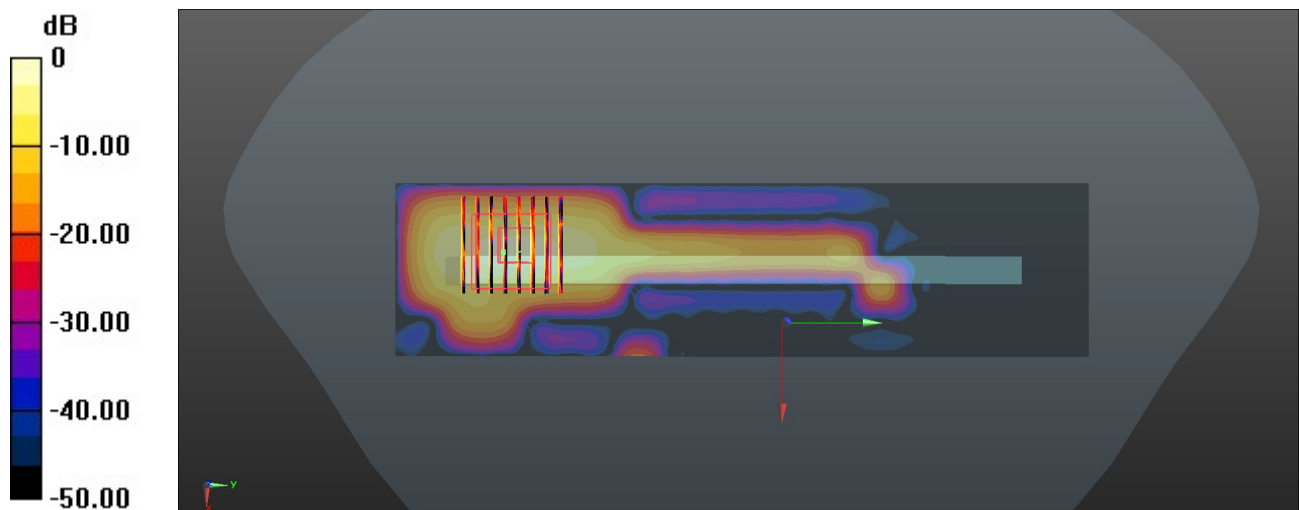
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.087 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

50_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; $\sigma = 0.9$ S/m; $\epsilon_r = 43.526$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.48, 6.48, 6.48); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.74 W/kg

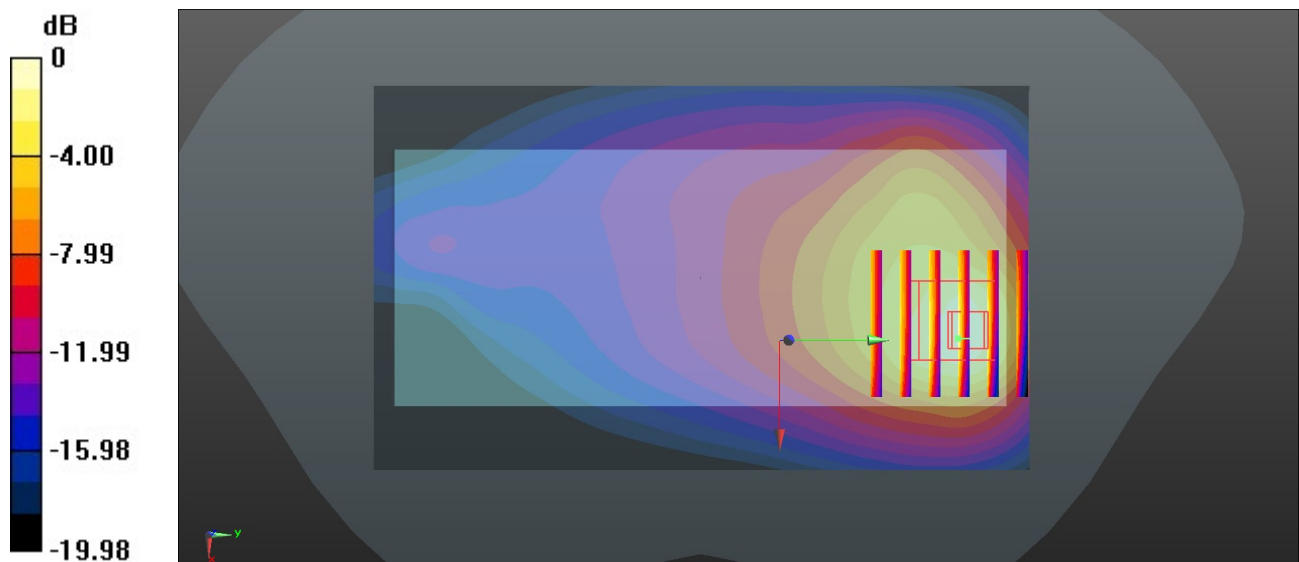
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.00 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.507 W/kg

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 dBW/kg

51_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; $\sigma = 0.926$ S/m; $\epsilon_r = 43.342$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.48, 6.48, 6.48); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 0.823 W/kg

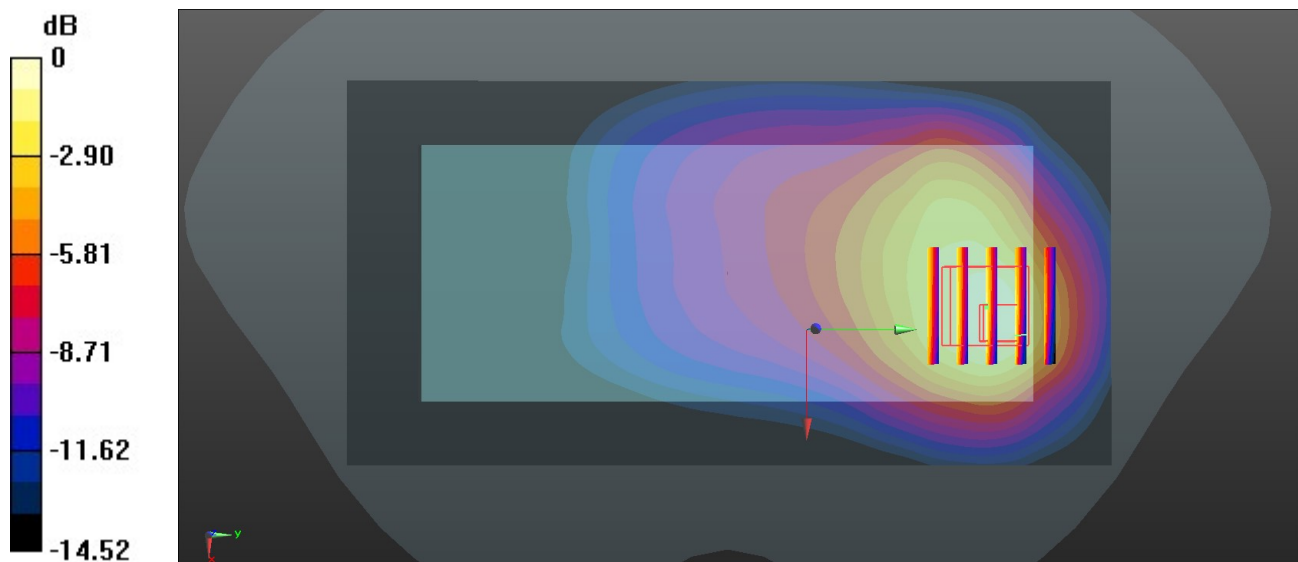
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.10 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.418 W/kg

Maximum value of SAR (measured) = 0.834 W/kg



52_GSM850_GPRS(2 Tx slots)_Back_5mm_Ch251

Communication System: UID 0, GSM850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: HSL_835 Medium parameters used: $f = 849$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.072$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.23, 6.23, 6.23); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.02 W/kg

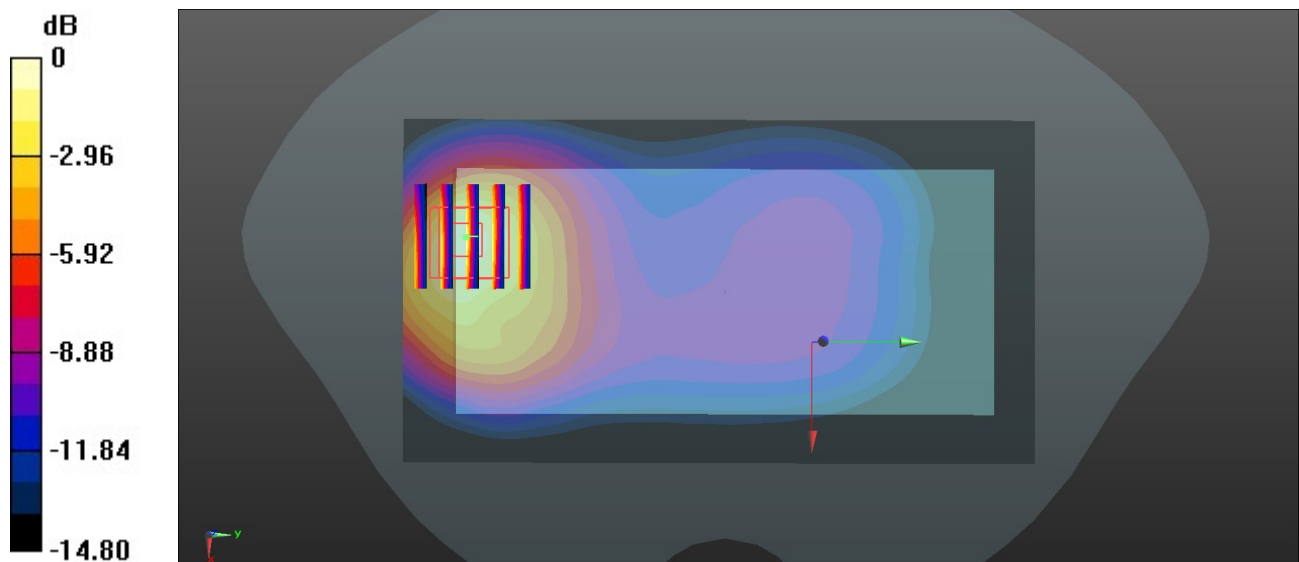
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.13 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.475 W/kg

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



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

53_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4233

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 847$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.098$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.23, 6.23, 6.23); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 1.28 W/kg

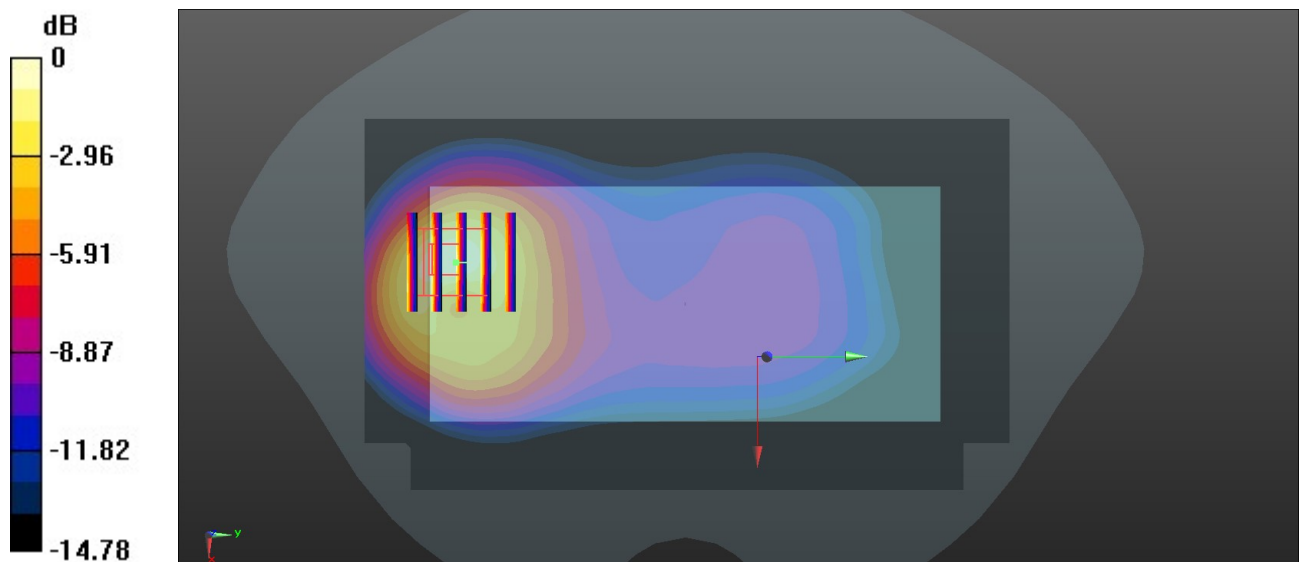
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.68 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.523 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

54_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; $\sigma = 0.898$ S/m; $\epsilon_r = 41.28$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.23, 6.23, 6.23); Calibrated: 2021/8/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- 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) = 1.20 W/kg

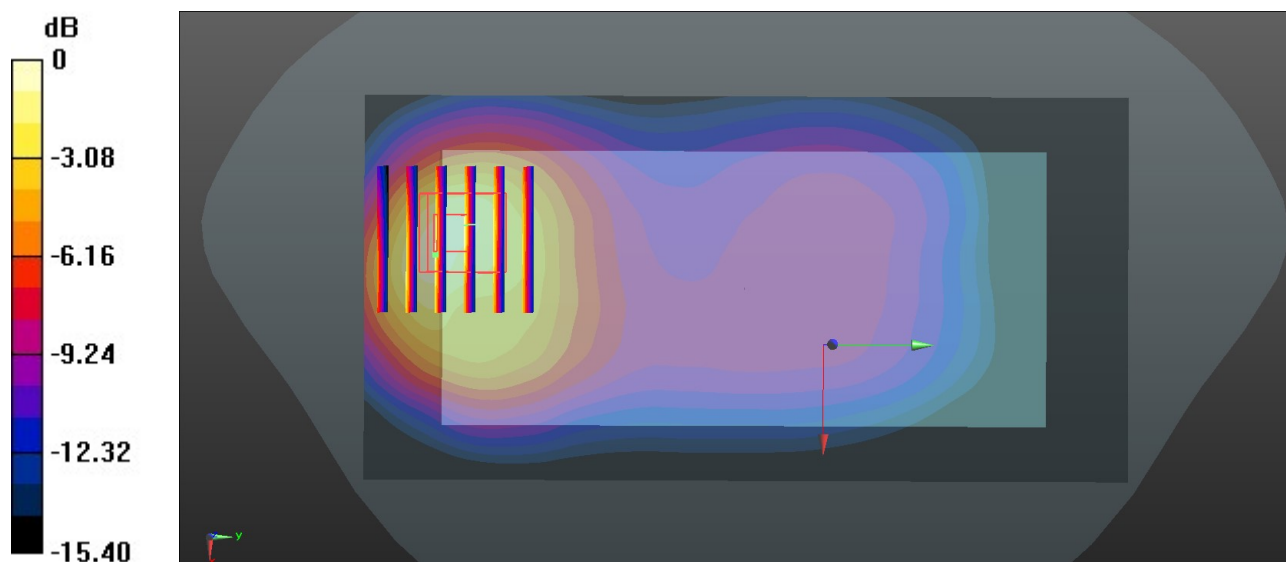
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.29 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.505 W/kg

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



0 dB = 1.27 W/kg = 1.04 dBW/kg