

#01_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_220112 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.22, 5.22, 5.22) @ 1852.4 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

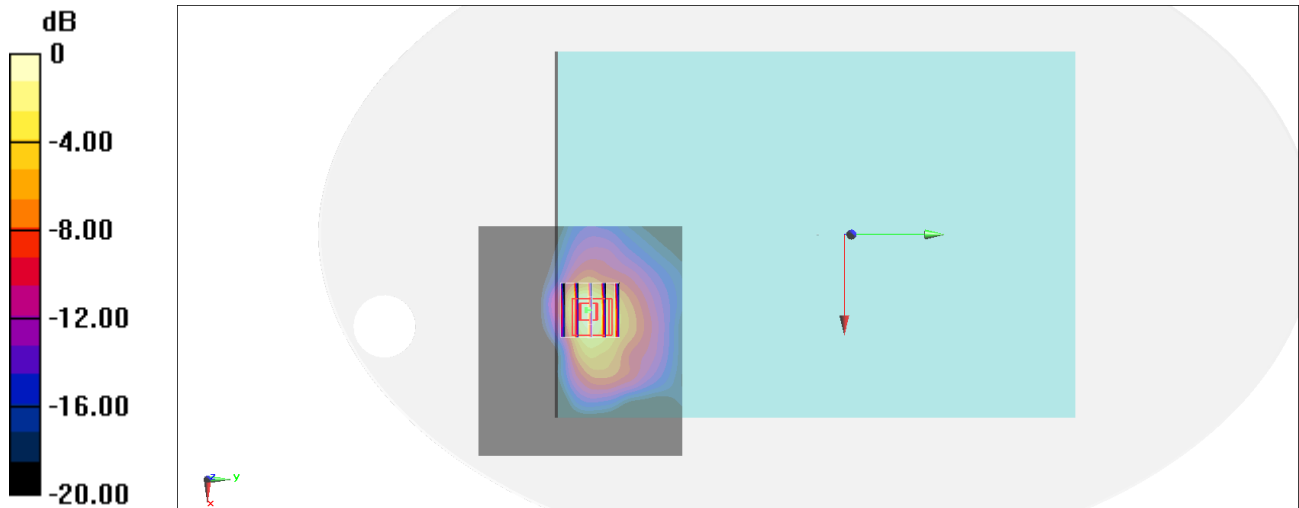
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.77 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Bottom Face_0mm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220116 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 40.081$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.56, 5.56, 5.56) @ 1712.4 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

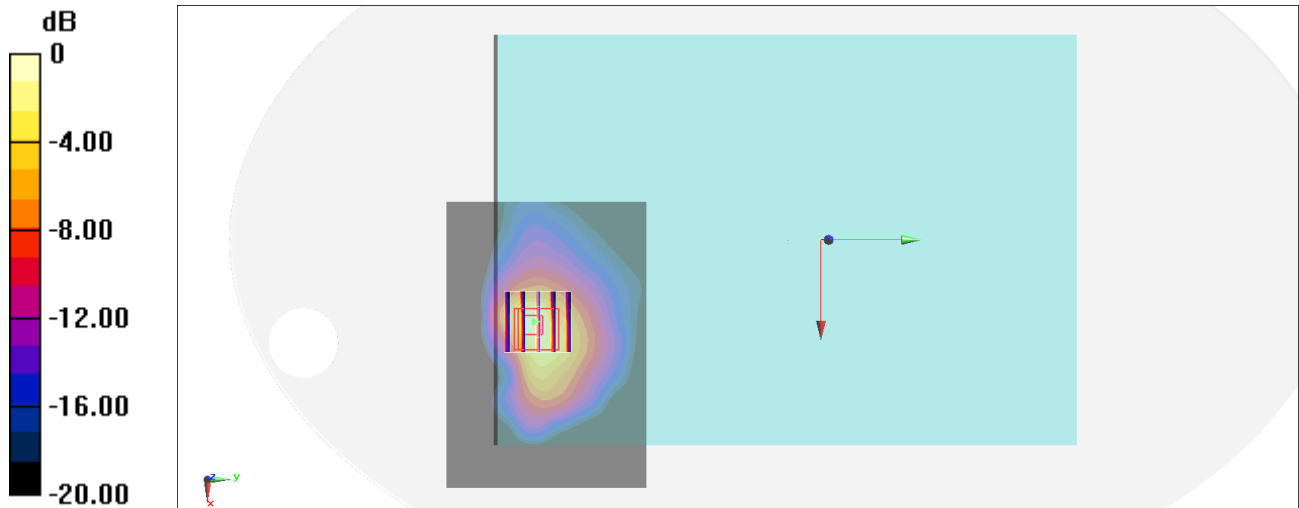
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.27 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.453 W/kg

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



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

#03_WCDMA V_RMC 12.2Kbps_Bottom Face_0mm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_220113 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.476$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.49, 6.49, 6.49) @ 826.4 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

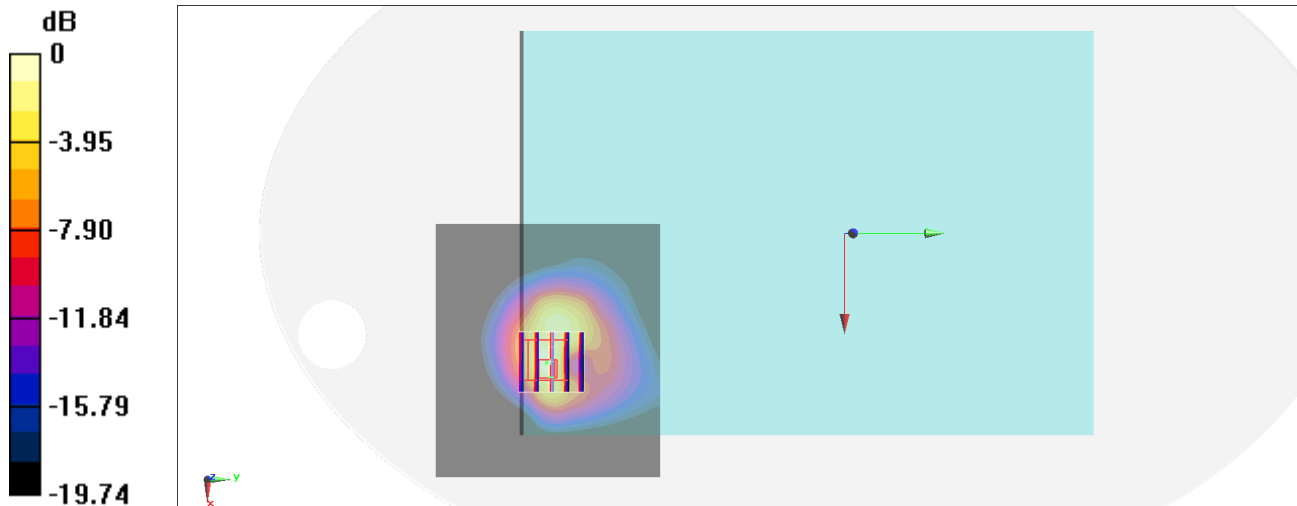
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.10 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.369 W/kg

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



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

#04_LTE Band 7_20M_QPSK_1_0_Bottom Face_0mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220110 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 38.405$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.48, 4.48, 4.48) @ 2560 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

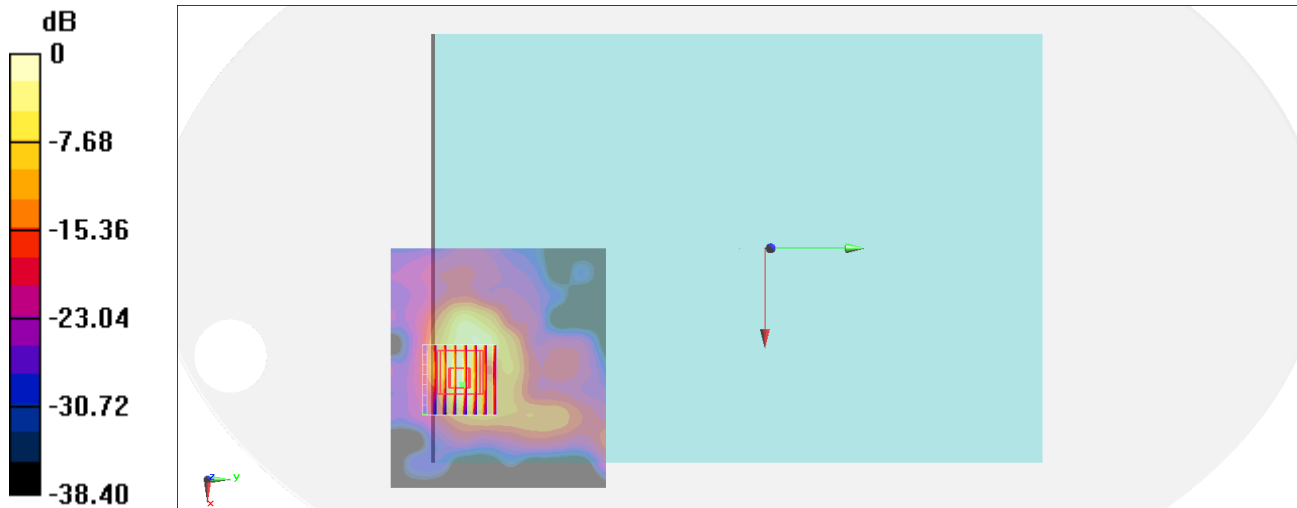
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.73 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

#05_LTE Band 12_10M_QPSK_25_0_Bottom Face_0mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_220115 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.929$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.59, 6.59, 6.59) @ 707.5 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

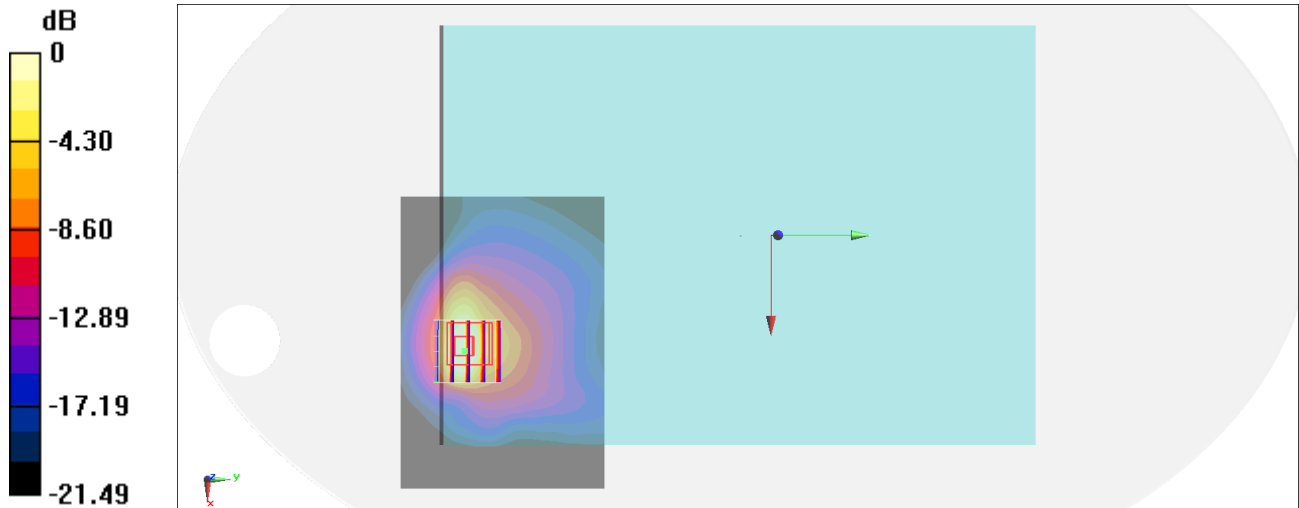
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.09 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.367 W/kg

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



0 dB = 1.16 W/kg = 0.64 dBW/kg

#06_LTE Band 13_10M_QPSK_50_0_Bottom Face_0mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_220115 Medium parameters used: $f = 782$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 41.666$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.59, 6.59, 6.59) @ 782 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

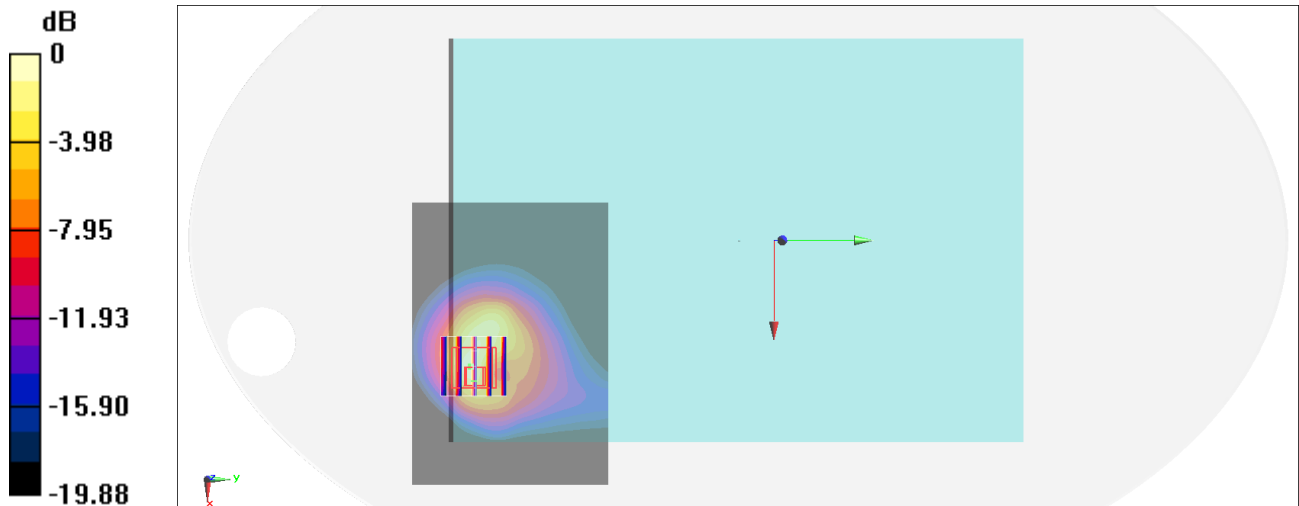
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.68 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.465 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

#07_LTE Band 14_10M_QPSK_50_0_Bottom Face_0mm_Ch23330

Communication System: LTE ; Frequency: 793 MHz;Duty Cycle: 1:1

Medium: HSL_750_220115 Medium parameters used: $f = 793$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.621$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.59, 6.59, 6.59) @ 793 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

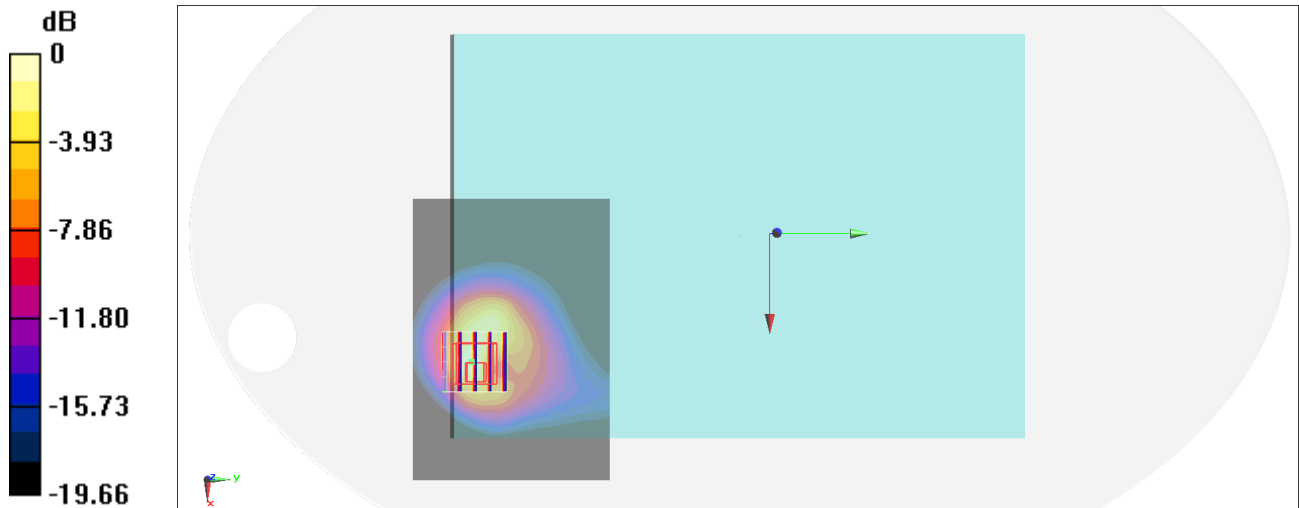
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.50 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.82 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.372 W/kg

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



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

#08_LTE Band 25_20M_QPSK_50_0_Bottom Face_0mm_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_220112 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.22, 5.22, 5.22) @ 1860 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

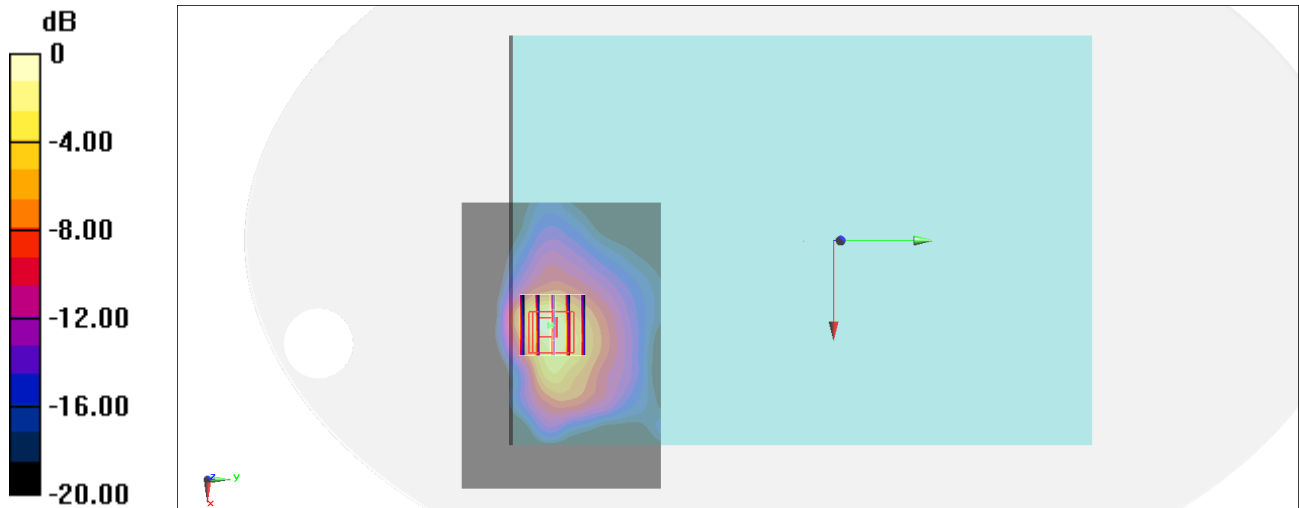
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.60 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.430 W/kg

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



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

#09_LTE Band 26_15M_QPSK_36_20_Bottom Face_0mm_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_220113 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.432$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.49, 6.49, 6.49) @ 831.5 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

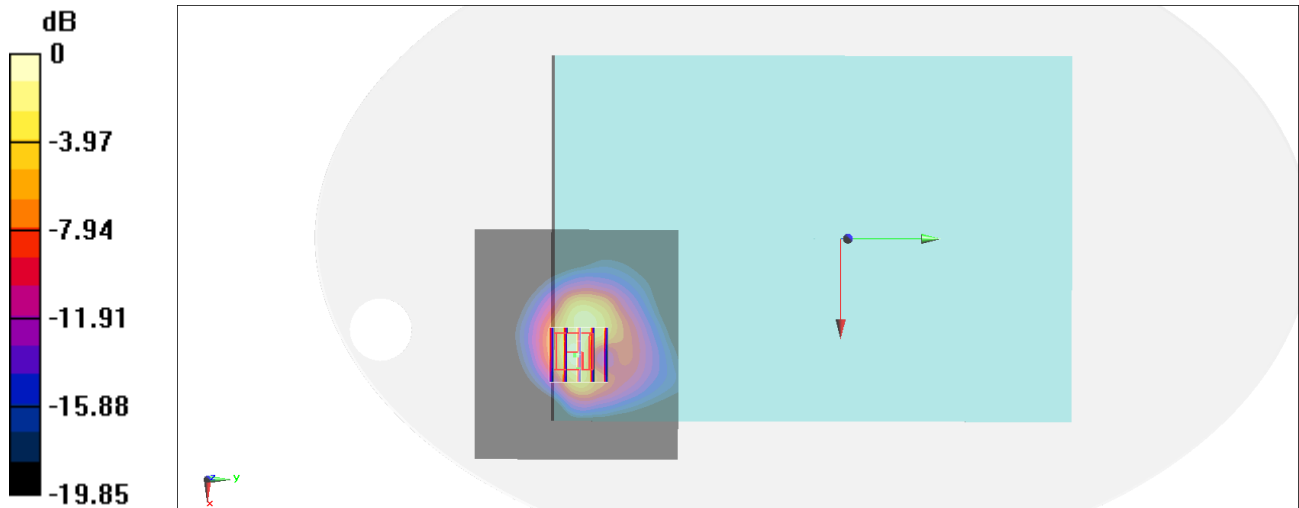
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.12 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.371 W/kg

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



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

#10_LTE Band 30_10M_QPSK_50_0_Bottom Face_0mm_Ch27710

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300_220117 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.677$ S/m; $\epsilon_r = 39.595$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.86, 4.86, 4.86) @ 2310 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

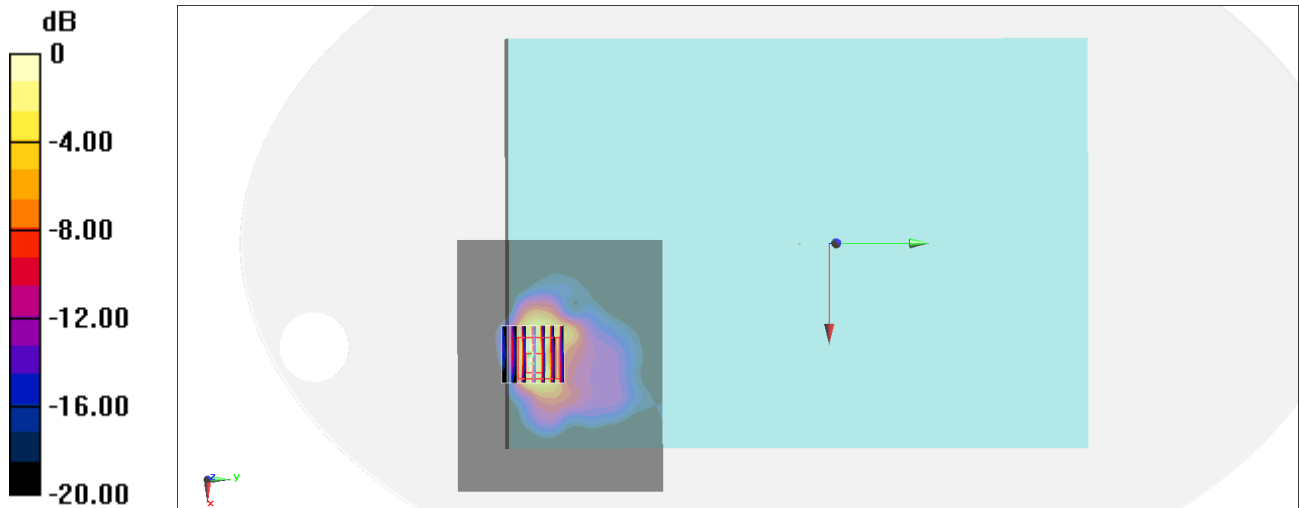
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.02 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.375 W/kg

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



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

#11_LTE Band 66_20M_QPSK_1_99_Bottom Face_0mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220116 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 40.148$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.56, 5.56, 5.56) @ 1770 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

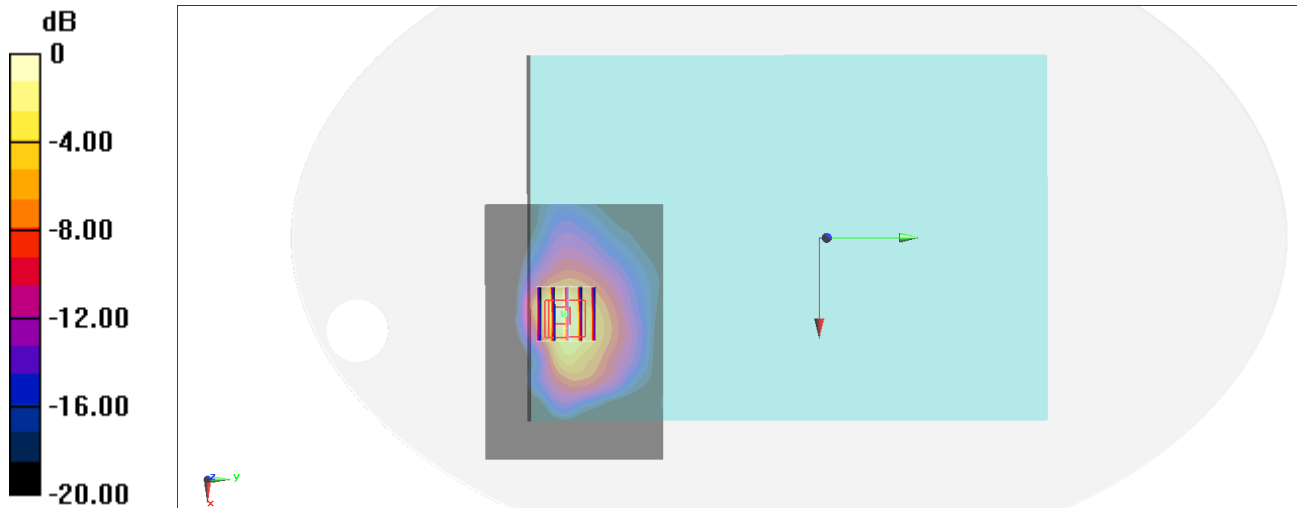
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.40 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.467 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

#12_LTE Band 71_20M_QPSK_1_49_Bottom Face_0mm_Ch133297

Communication System: LTE; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_220115 Medium parameters used : $f = 680.5$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.04$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.59, 6.59, 6.59) @ 680.5 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

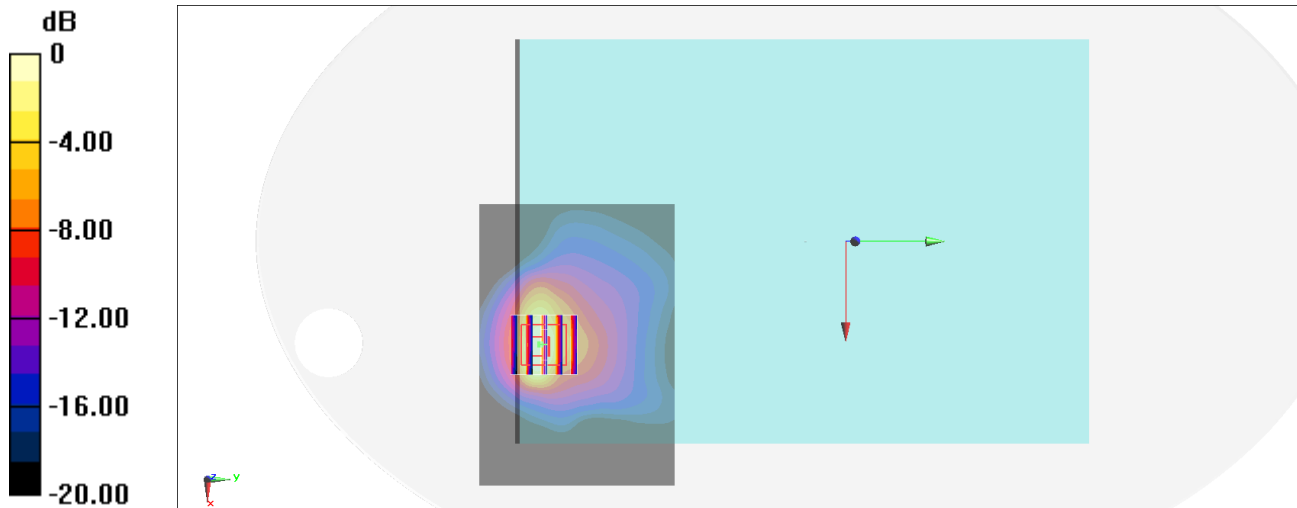
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.44 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.392 W/kg

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



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

#13_LTE Band 41_20M_QPSK_100_0_Bottom Face_0mm_Ch40620

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_220110 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.955$ S/m; $\epsilon_r = 38.31$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.48, 4.48, 4.48) @ 2593 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

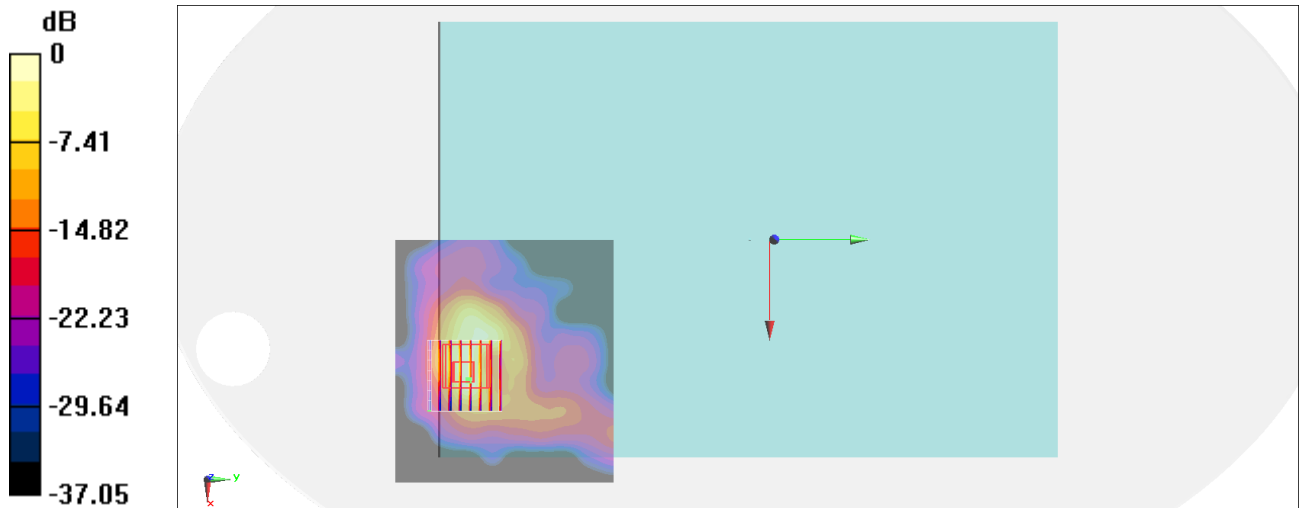
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.67 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.333 W/kg

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



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

#14_LTE Band 48_20M_QPSK_1_0_Bottom Face_0mm_Ch56150

Communication System: LTE ; Frequency: 3641 MHz;Duty Cycle: 1:1.59

Medium: HSL_3700_220116 Medium parameters used : $f = 3641$ MHz; $\sigma = 3.033$ S/m; $\epsilon_r = 37.214$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.03, 7.03, 7.03) @ 3641 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2021/2/11
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.27 W/kg

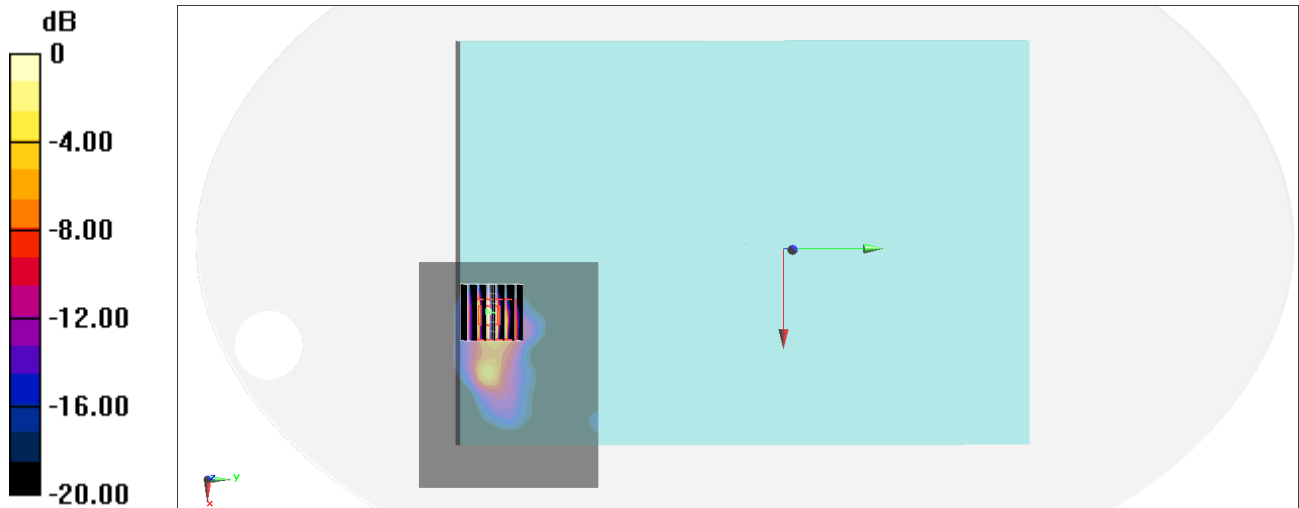
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 5.374 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg