

#01_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221228 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 39.037$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1907.6 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

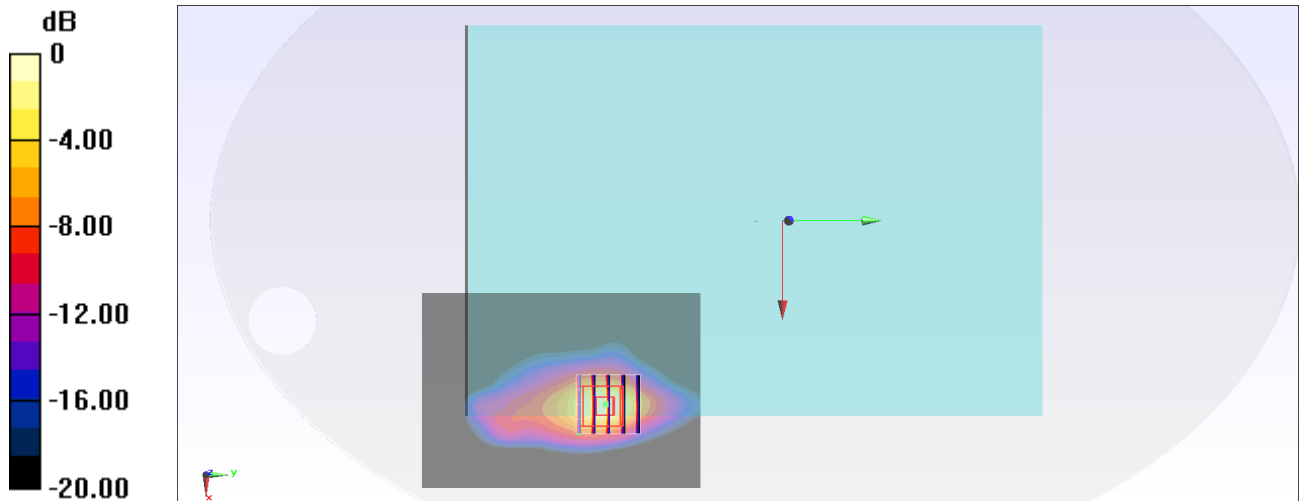
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.86 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.379 W/kg

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



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

#02_WCDMA IV_RMC 12.2Kbps_Bottom Face_0mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_221228 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 40.697$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.6, 5.6, 5.6) @ 1732.6 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.22 W/kg

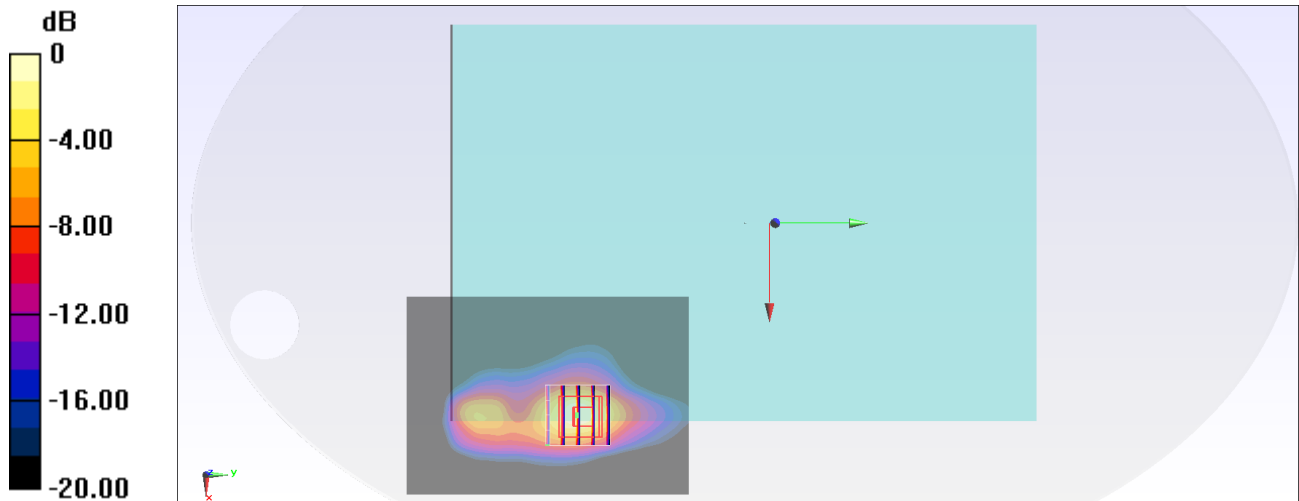
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.33 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.408 W/kg

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



0 dB = 1.22 W/kg = 0.86 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Bottom Face_0mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_221215 Medium parameters used: $f = 847$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 41.621$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.58, 6.58, 6.58) @ 846.6 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/1/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

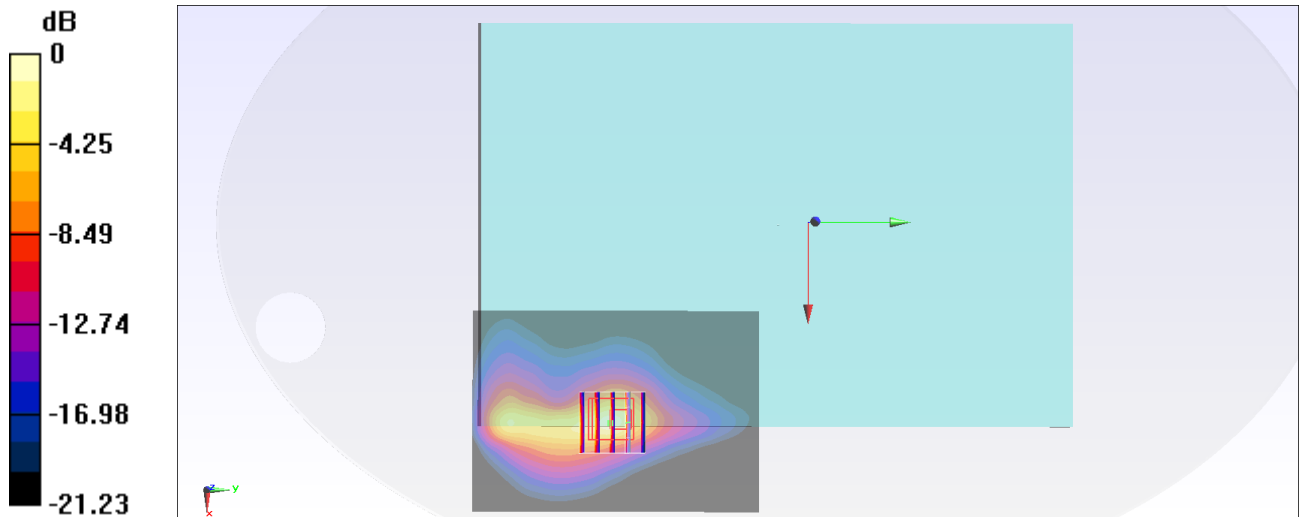
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.37 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.343 W/kg

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



#04_LTE Band 7_20M_QPSK_50_50_Bottom Face_0mm_Ch21350

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

Medium: HSL_2600_221226 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.969$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.52, 4.52, 4.52) @ 2560 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

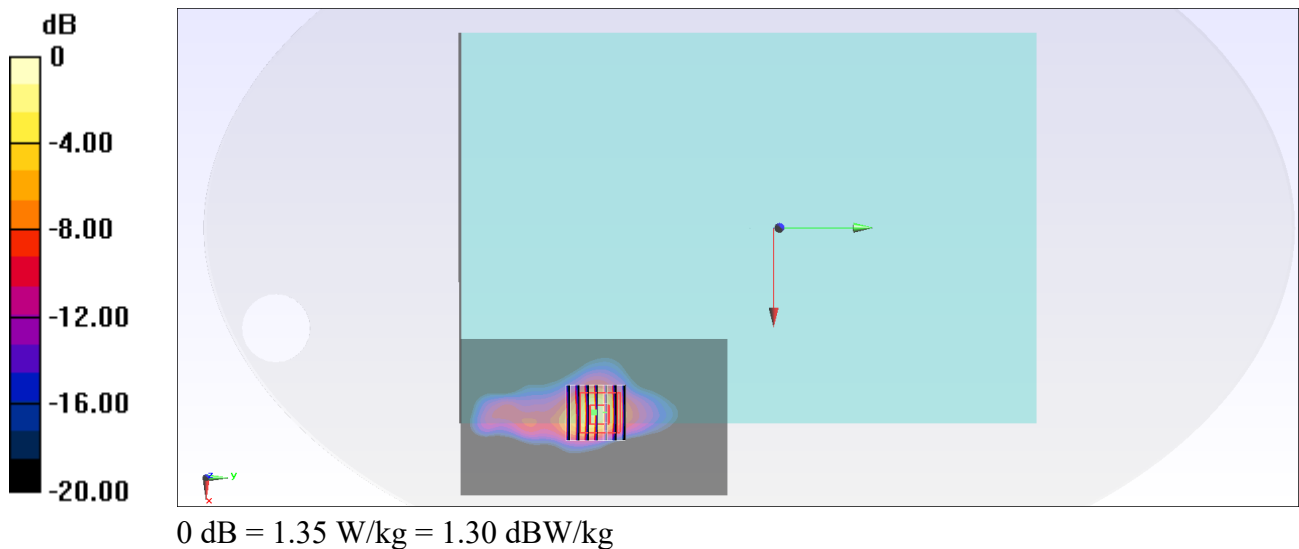
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.02 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.314 W/kg

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



#05_LTE Band 12_10M_QPSK_50_0_Edge 4_0mm_Ch23095

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

Medium: HSL_750_221223 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.105$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.77, 6.77, 6.77) @ 707.5 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.783 W/kg

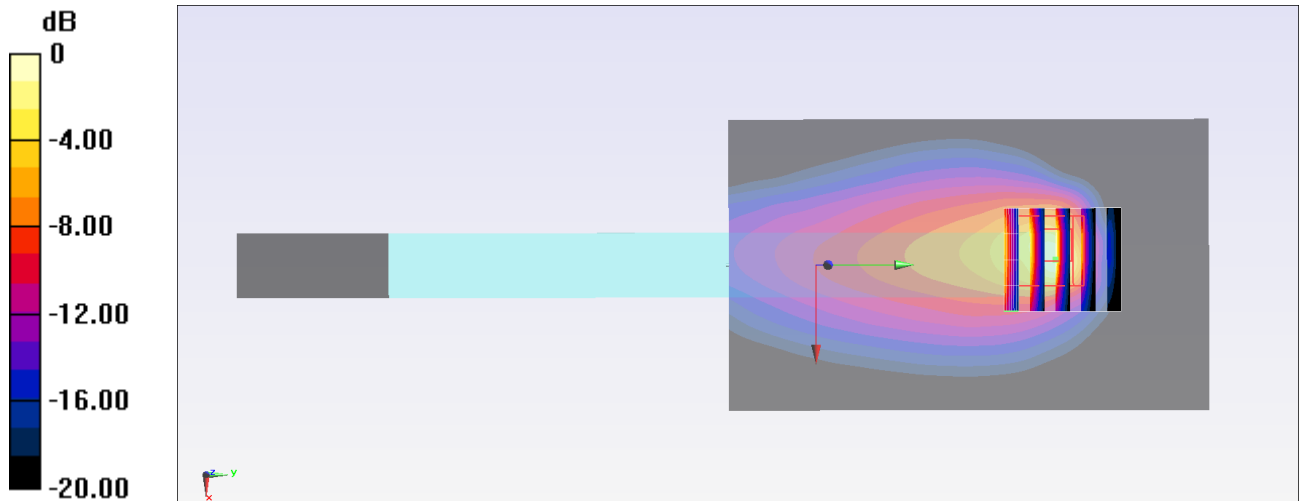
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.08 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 6.46 W/kg

SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.261 W/kg

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



0 dB = 0.783 W/kg = -1.06 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_221223 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 40.741$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.77, 6.77, 6.77) @ 782 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

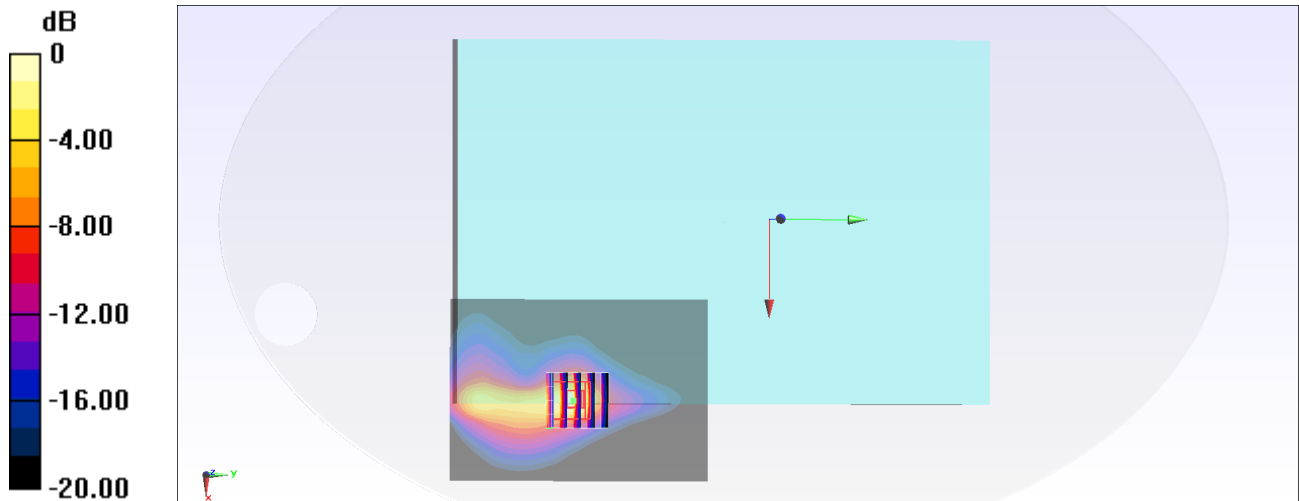
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 43.52 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 4.05 W/kg

SAR(1 g) = 1.08 W/kg ; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.80 W/kg = 2.55 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_221223 Medium parameters used: $f = 793$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 40.674$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.77, 6.77, 6.77) @ 793 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.85 W/kg

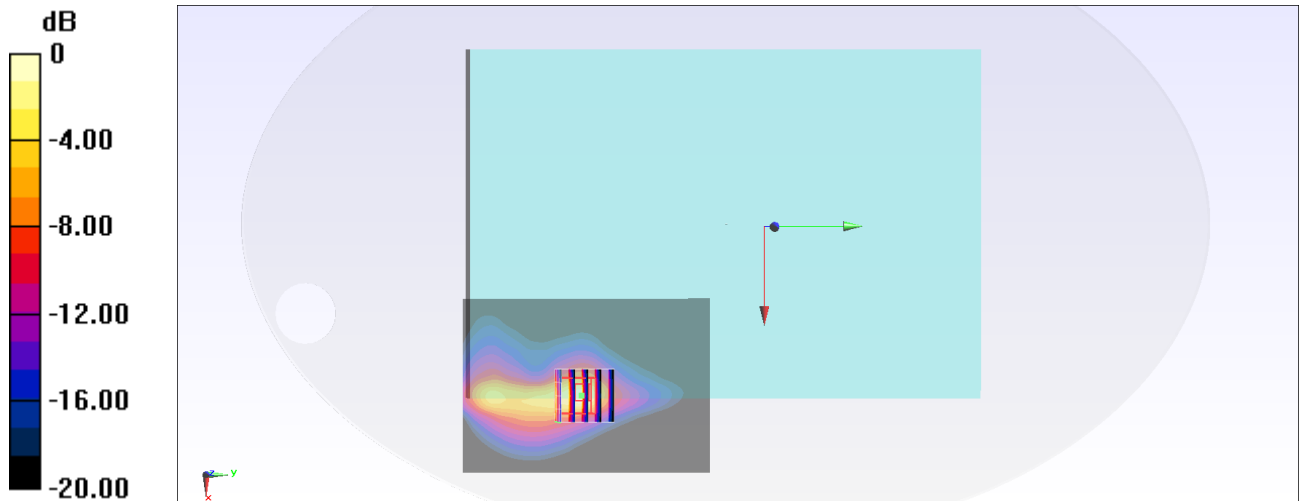
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 43.86 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.23 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.427 W/kg

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



0 dB = 1.85 W/kg = 2.67 dBW/kg

#08_LTE Band 25_20M_QPSK_50_50_Bottom Face_0mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221226 Medium parameters used : $f = 1905$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 38.921$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1905 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

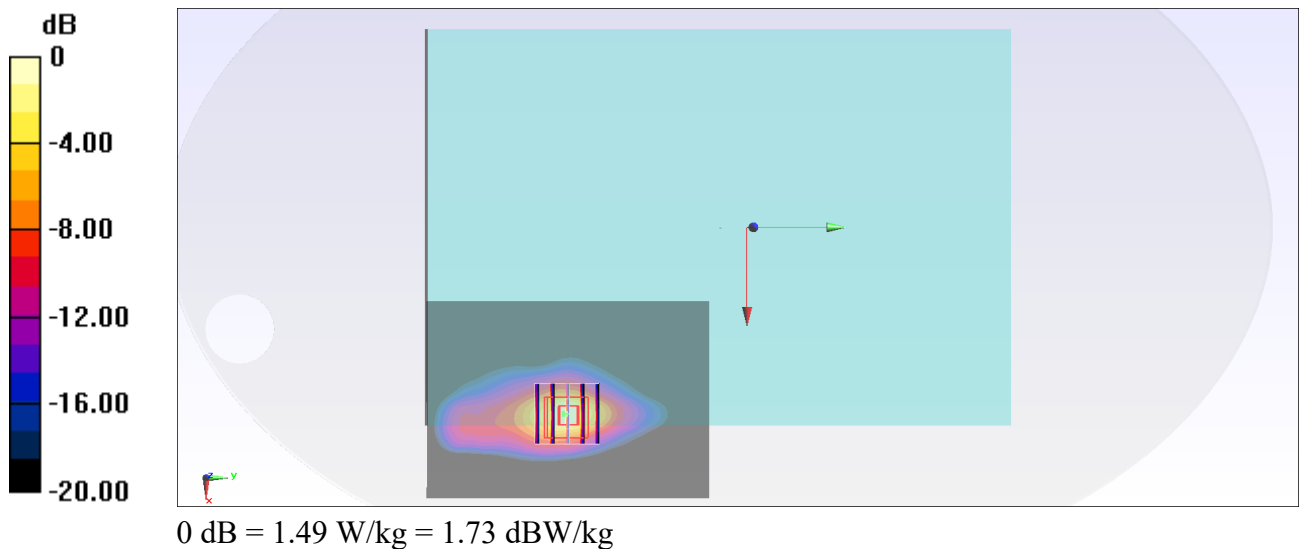
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.23 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.63 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.398 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



#09_LTE Band 26_15M_QPSK_75_0_Bottom Face_0mm_Ch26865

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

Medium: HSL_850_221215 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.58, 6.58, 6.58) @ 831.5 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/1/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

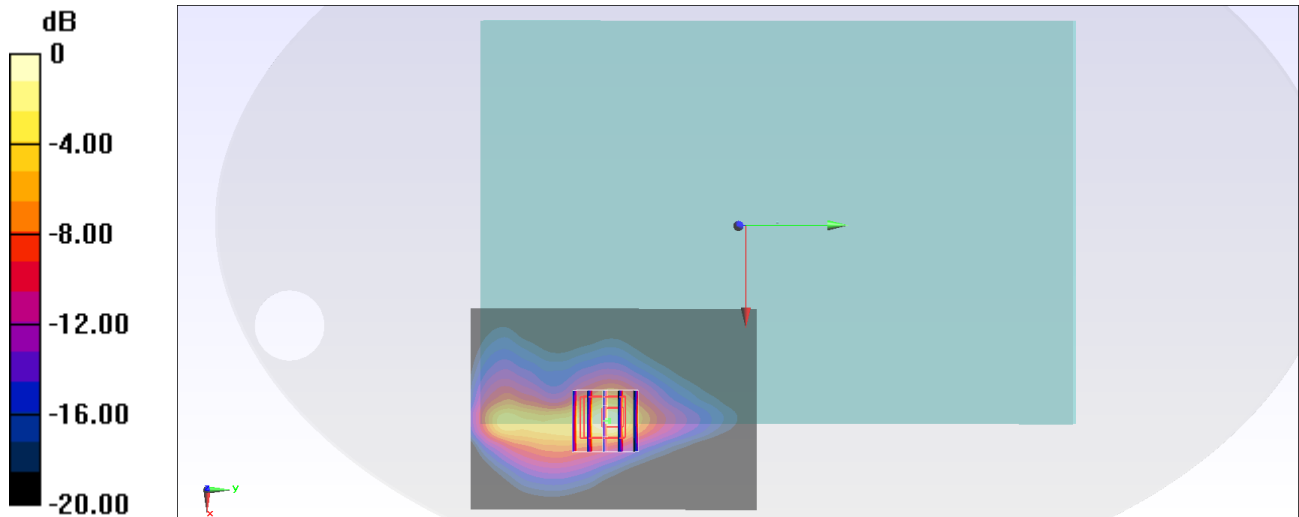
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.62 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 1.32 W/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_221227 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.671$ S/m; $\epsilon_r = 40.021$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.95, 4.95, 4.95) @ 2310 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

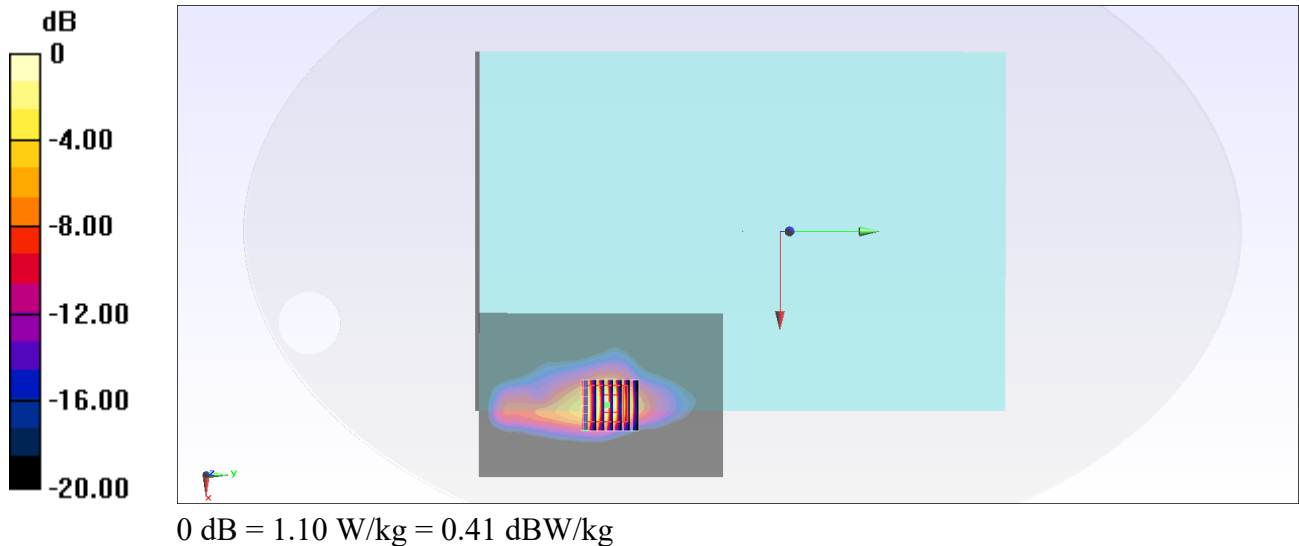
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.88 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.346 W/kg

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



#11_LTE Band 66_20M_QPSK_1_0_Bottom Face_0mm_Ch132572

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

Medium: HSL_1750_221228 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.554$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.6, 5.6, 5.6) @ 1770 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

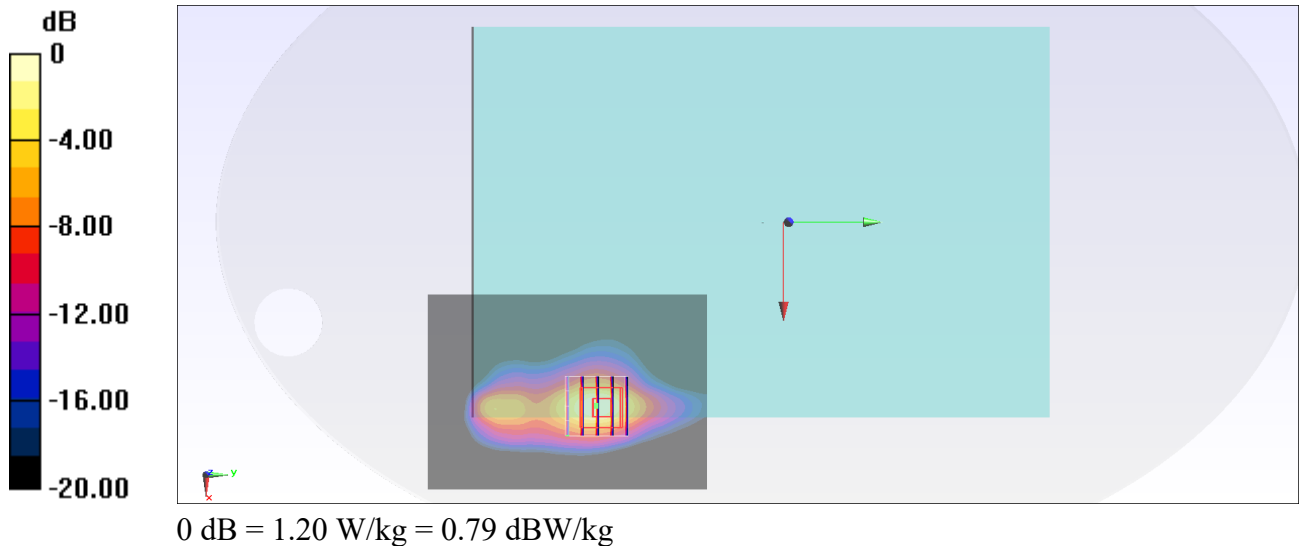
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.64 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.407 W/kg

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



#12_LTE Band 71_20M_QPSK_1_99_Edge 4_0mm_Ch133297

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

Medium: HSL_750_221227 Medium parameters used : $f = 680.5$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 42.522$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.77, 6.77, 6.77) @ 680.5 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.606 W/kg

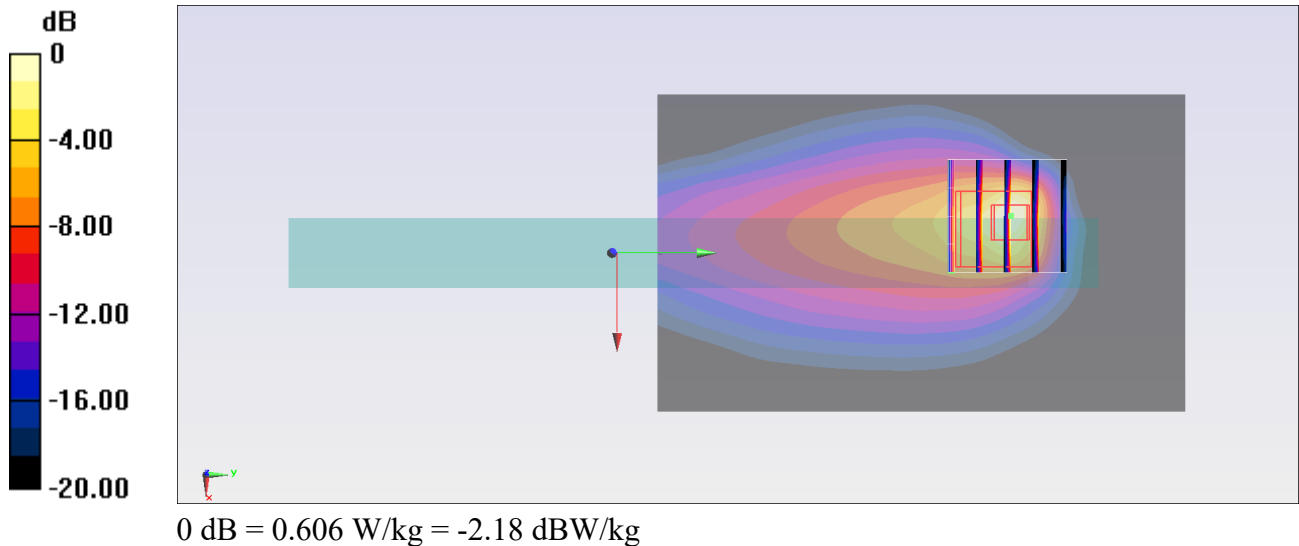
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.32 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.24 W/kg

SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.203 W/kg

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



#13_LTE Band 41_20M_QPSK_1_99_Bottom Face_0mm_Ch41490

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_221217 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.113$ S/m; $\epsilon_r = 38.333$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.66, 7.66, 7.66) @ 2680 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.25 W/kg

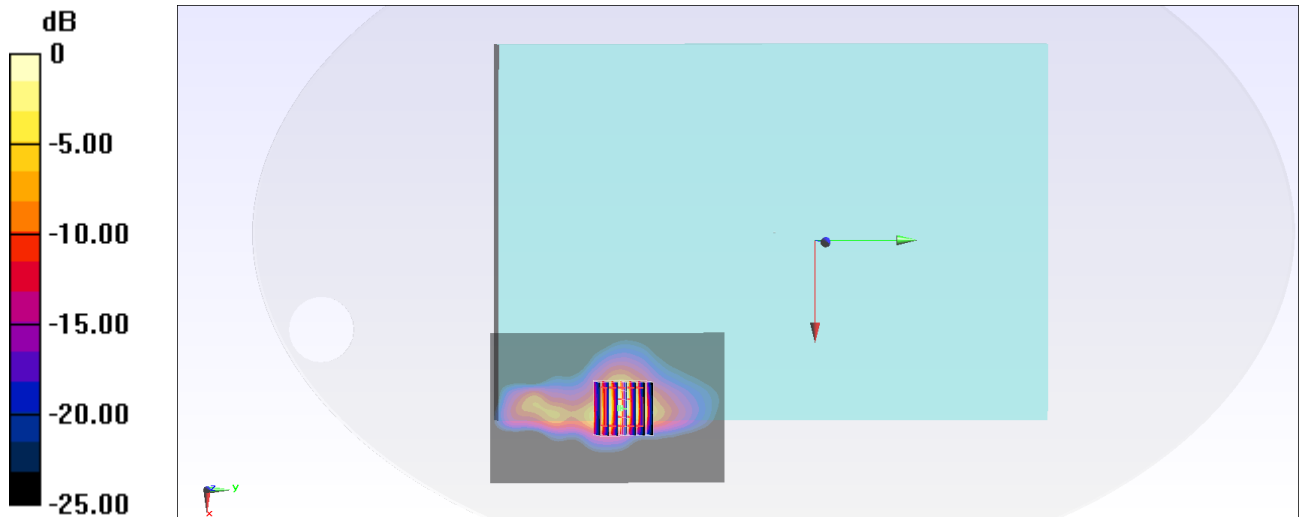
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.37 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.334 W/kg

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



#14_LTE Band 48_20M_QPSK_1_0_Bottom Face_0mm_Ch56640

Communication System: LTE; Frequency: 3690 MHz; Duty Cycle: 1:1.59

Medium: HSL_3700_221229 Medium parameters used : $f = 3690$ MHz; $\sigma = 3.037$ S/m; $\epsilon_r = 36.793$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.52, 6.52, 6.52) @ 3690 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2022/1/26
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.84 W/kg

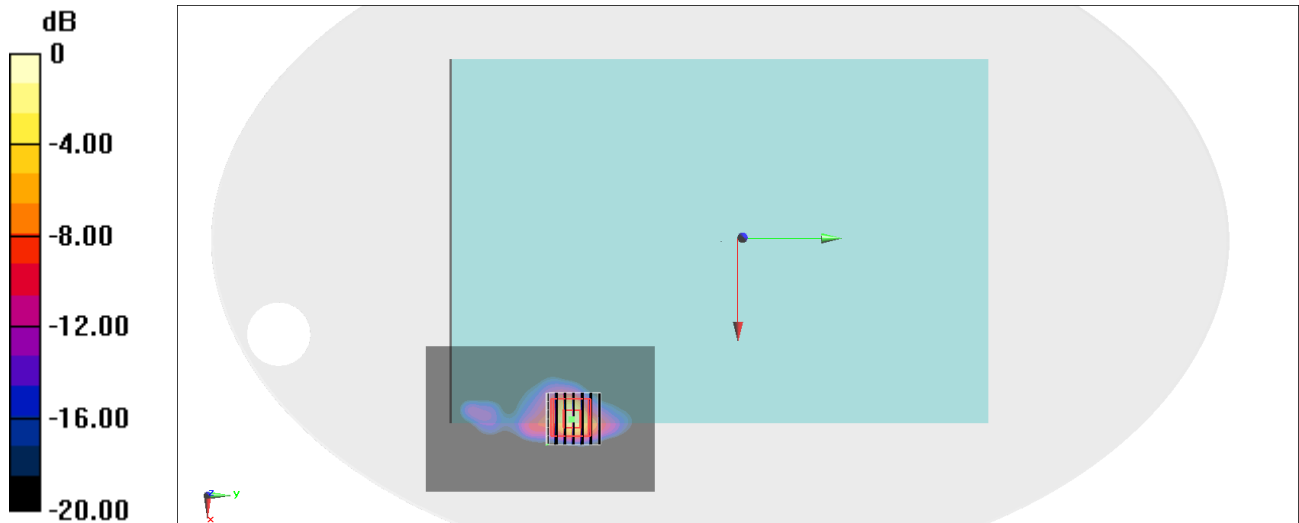
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 22.44 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 2.37 W/kg



0 dB = 2.37 W/kg = 3.75 dBW/kg