

#01_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_210115 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 38.852$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(8.53, 8.53, 8.53) @ 1880 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.78 W/kg

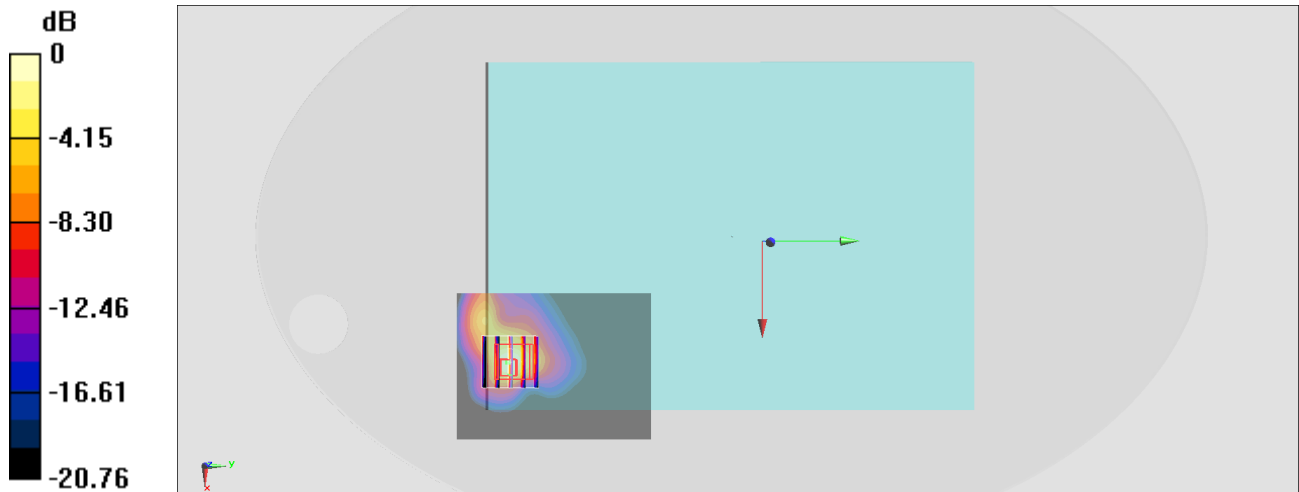
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.30 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Bottom Face_0mm_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1

Medium: HSL_1750_210115 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.346$ S/m; $\epsilon_r = 40.294$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590;ConvF(8.94, 8.94, 8.94) @ 1752.6 MHz;Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

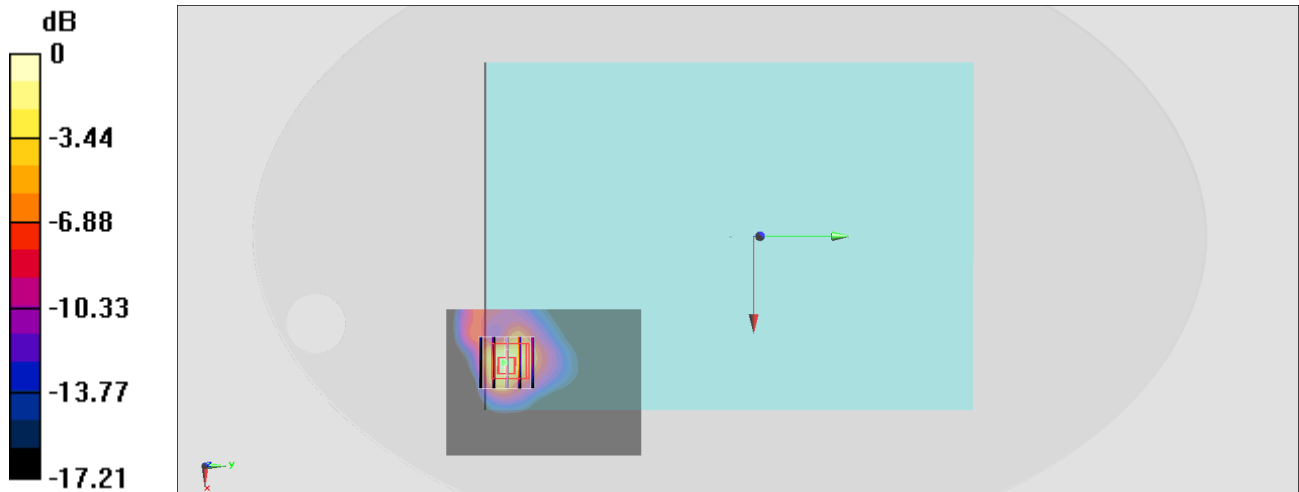
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.17 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 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_210116 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.441$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 826.4 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

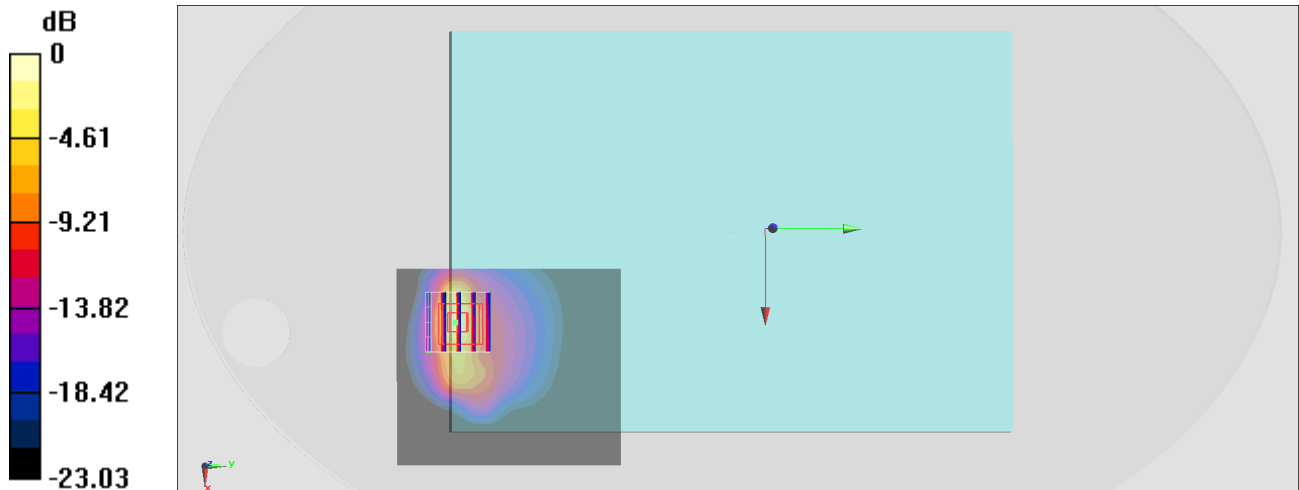
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.19 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 dBW/kg

#04_LTE Band 5_10M_QPSK_1_0_Bottom Face_0mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_210116 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.388$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 836.5 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

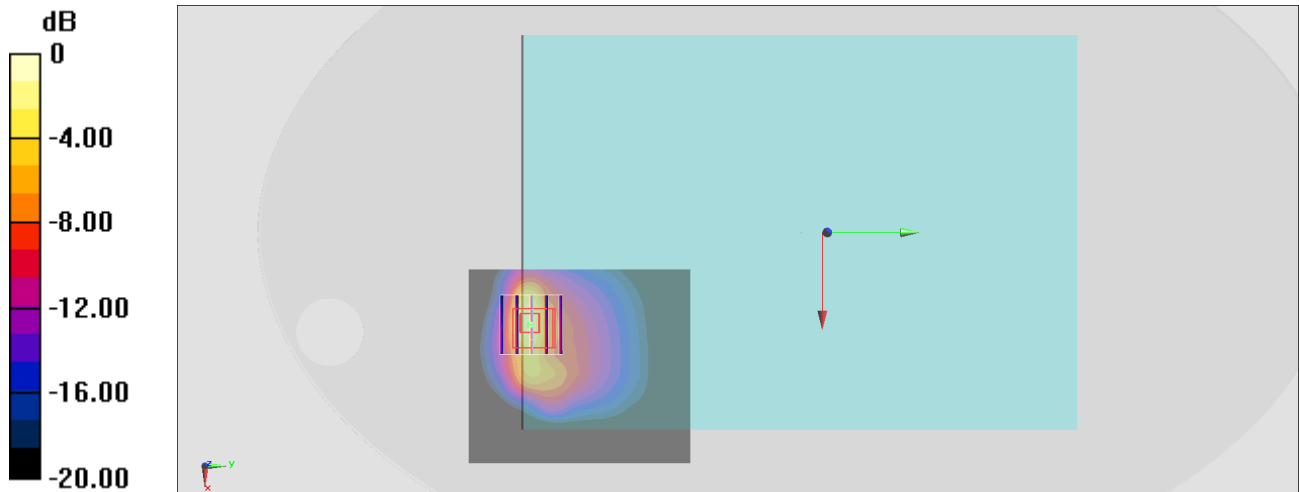
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.35 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

#05_LTE Band 7_20M_QPSK_1_0_Bottom Face_0mm_Ch21350

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

Medium: HSL_2600_210117 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 38.173$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.61, 7.61, 7.61) @ 2560 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

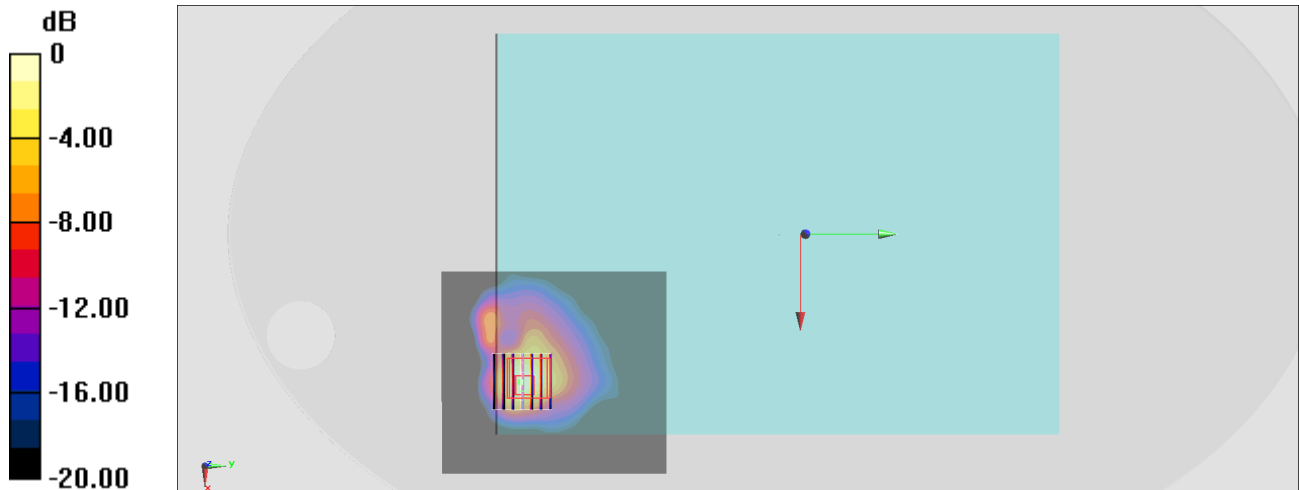
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.14 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.350 W/kg

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



0 dB = 1.38 W/kg = 1.40 dBW/kg

#06_LTE Band 12_10M_QPSK_1_0_Bottom Face_0mm_Ch23095

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

Medium: HSL_750_210116 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 42.994$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(11.05, 11.05, 11.05) @ 707.5 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.64 W/kg

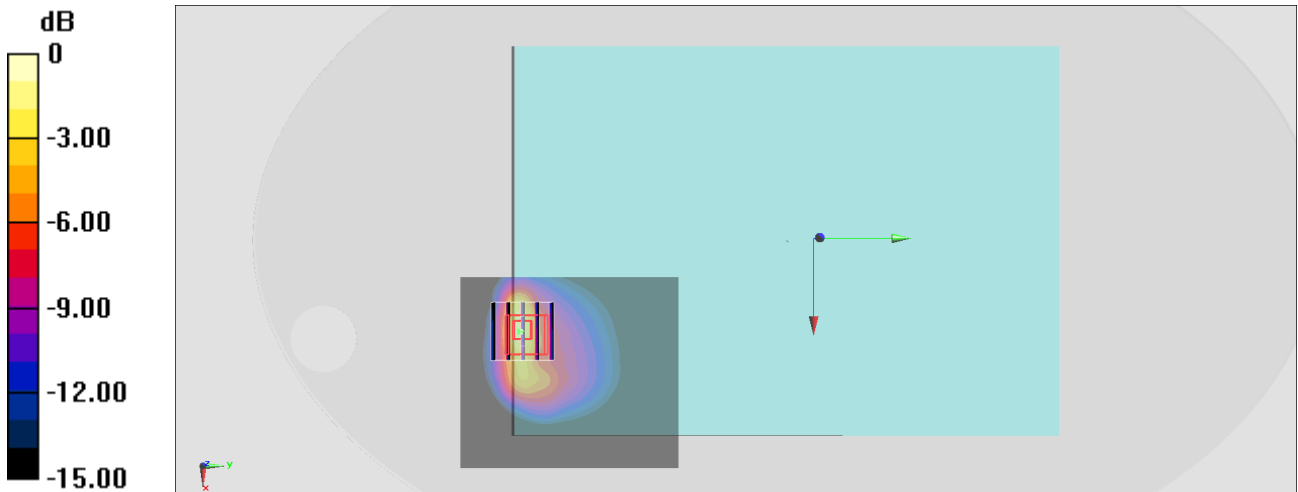
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.23 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.397 W/kg

Maximum value of SAR (measured) = 2.16 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

#07_LTE Band 13_10M_QPSK_1_0_Bottom Face_0mm_Ch23230

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

Medium: HSL_750_210116 Medium parameters used: $f = 782$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 42.519$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(11.05, 11.05, 11.05) @ 782 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

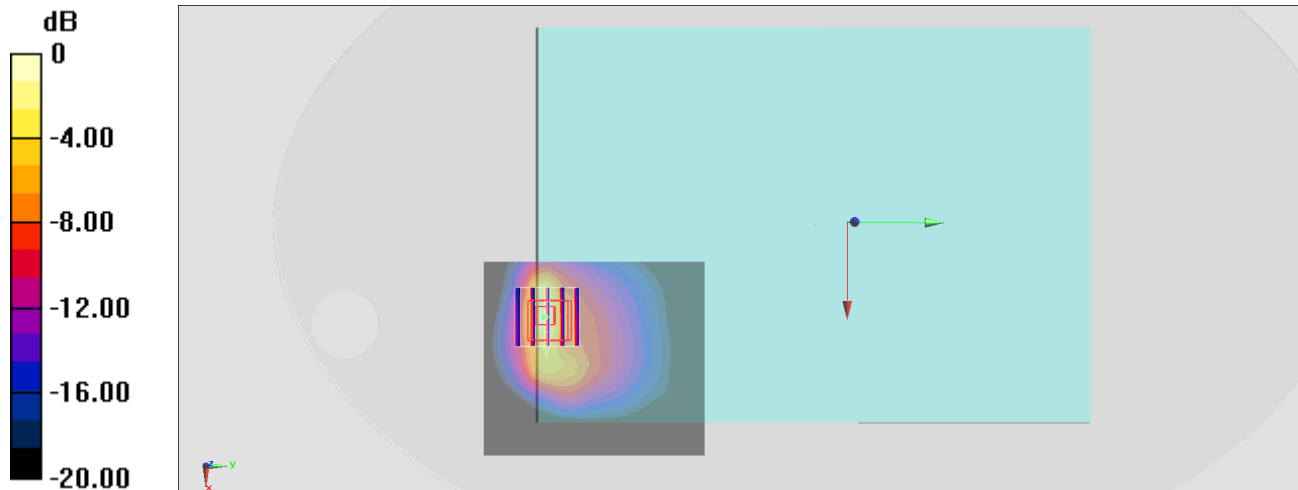
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.44 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

#08_LTE Band 14_10M_QPSK_1_0_Bottom Face_0mm_Ch23330

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

Medium: HSL_750_210116 Medium parameters used: $f = 793$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.48$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(11.05, 11.05, 11.05) @ 793 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

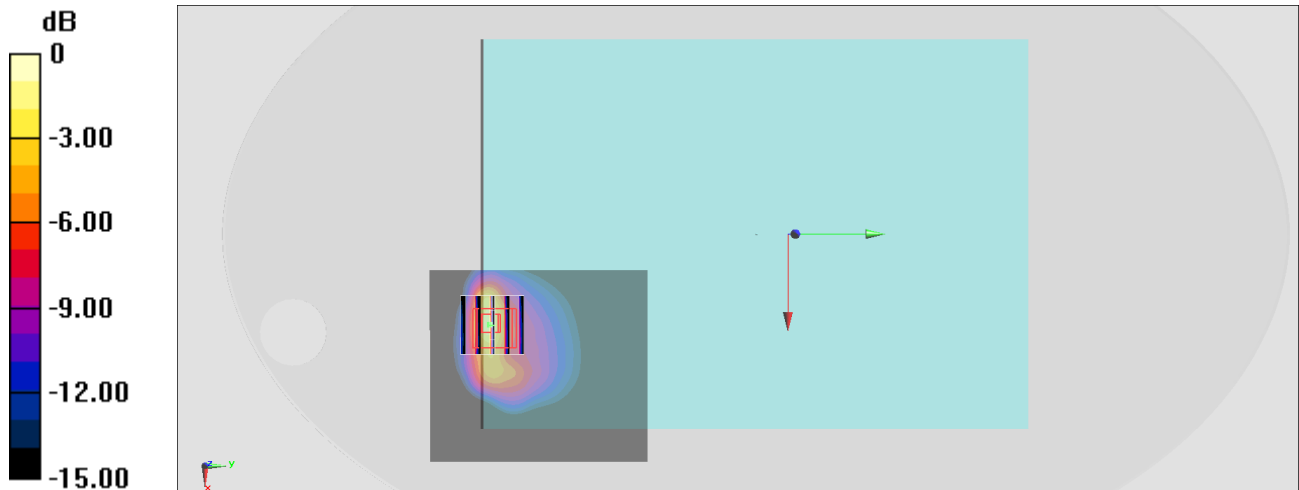
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.29 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 2.20 W/kg



0 dB = 2.20 W/kg = 3.42 dBW/kg

#09_LTE Band 25_20M_QPSK_1_0_Bottom Face_0mm_Ch26340

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_210115 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 38.852$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(8.53, 8.53, 8.53) @ 1880 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

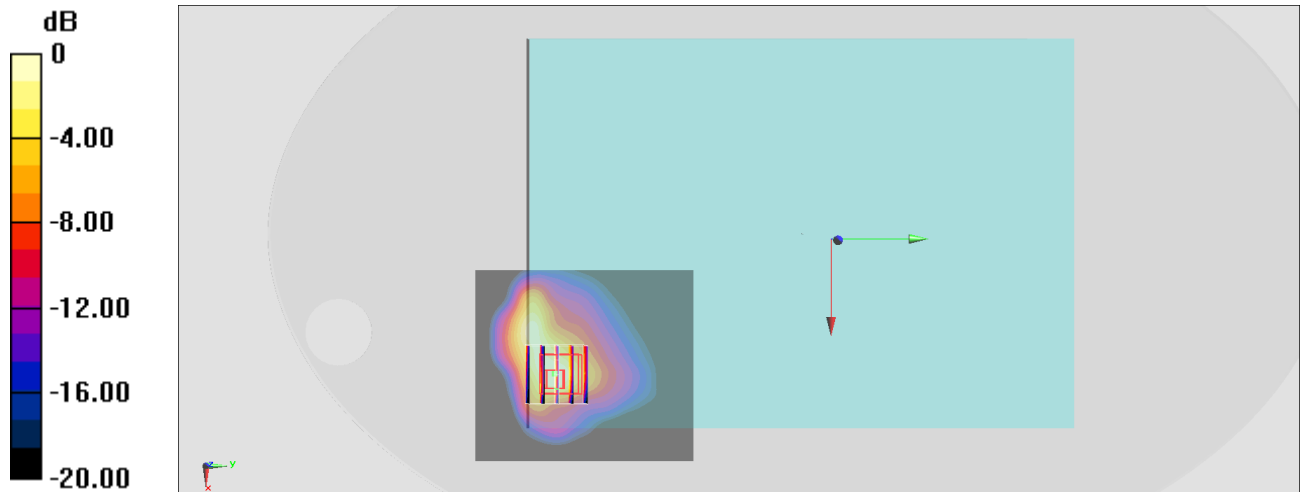
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.08 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.413 W/kg

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



0 dB = 1.31 W/kg = 1.17 dBW/kg

#10_LTE Band 26_15M_QPSK_1_0_Bottom Face_0mm_Ch26865

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

Medium: HSL_850_210116 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.415$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 831.5 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

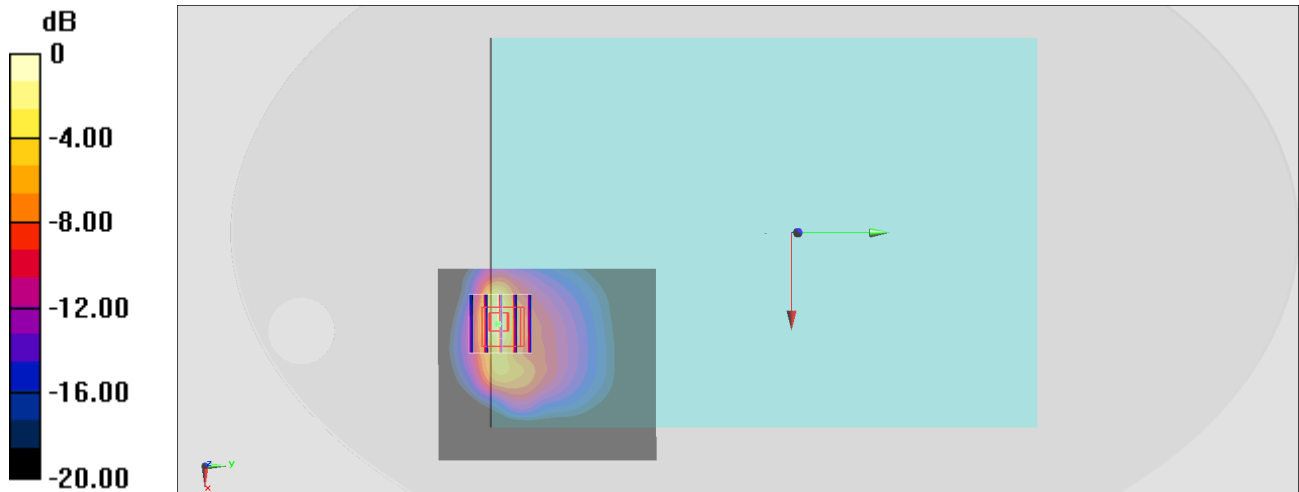
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.87 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

#11_LTE Band 30_10M_QPSK_1_0_Bottom Face_0mm_Ch27710

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

Medium: HSL_2300_210117 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.696$ S/m; $\epsilon_r = 39.102$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(8.16, 8.16, 8.16) @ 2310 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

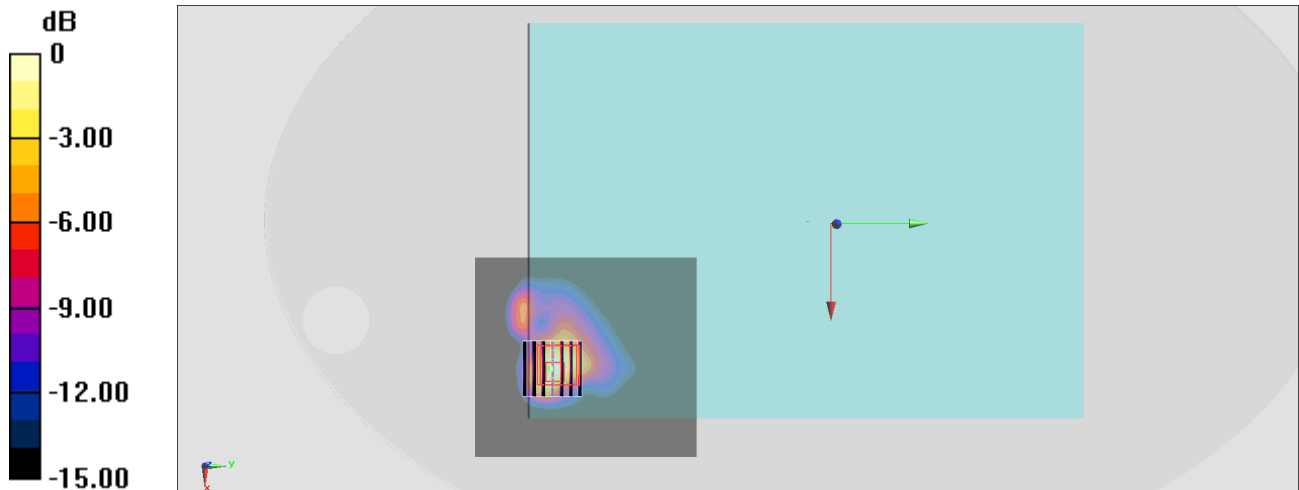
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.63 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

#12_LTE Band 66_20M_QPSK_1_0_Bottom Face_0mm_Ch132572

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

Medium: HSL_1750_210115 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.242$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(8.94, 8.94, 8.94) @ 1770 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

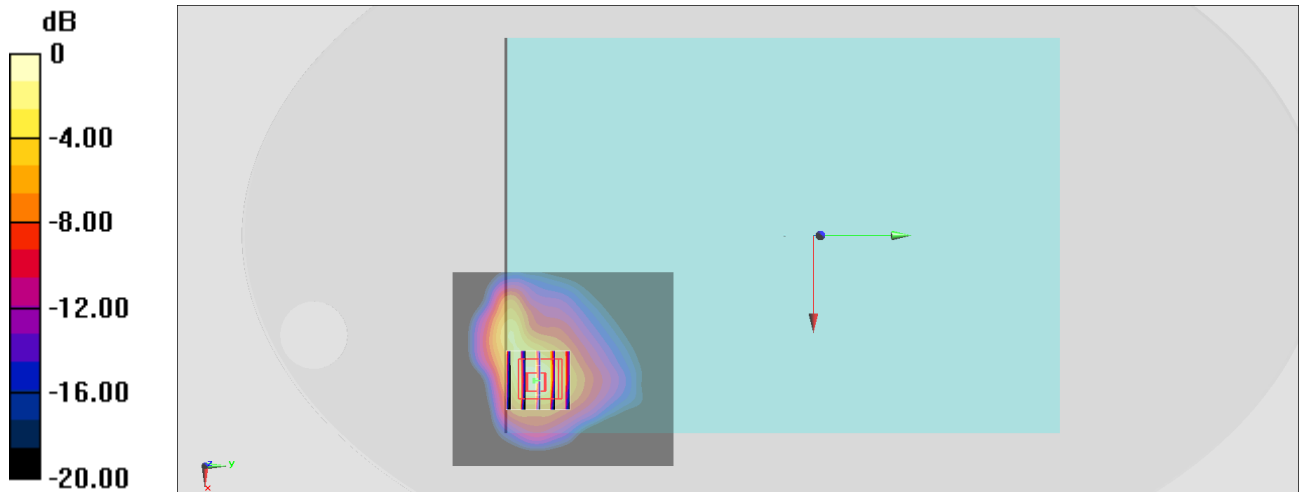
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.66 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

#13_LTE Band 38_20M_QPSK_1_0_Bottom Face_0mm_Ch38150

Communication System: LTE; Frequency: 2610 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_210117 Medium parameters used : $f = 2610$ MHz; $\sigma = 2.022$ S/m; $\epsilon_r = 37.992$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.61, 7.61, 7.61) @ 2610 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.87 W/kg

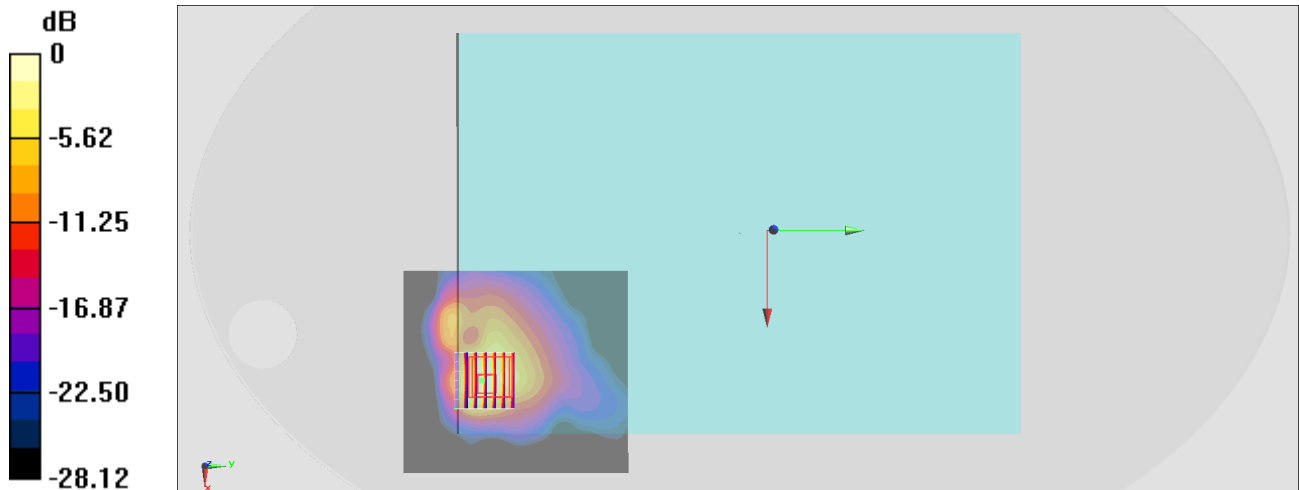
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.72 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

#14_LTE Band 41_20M_QPSK_1_0_Bottom Face_0mm_Ch40185

Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_210117 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 38.216$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.61, 7.61, 7.61) @ 2549.5 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.93 W/kg

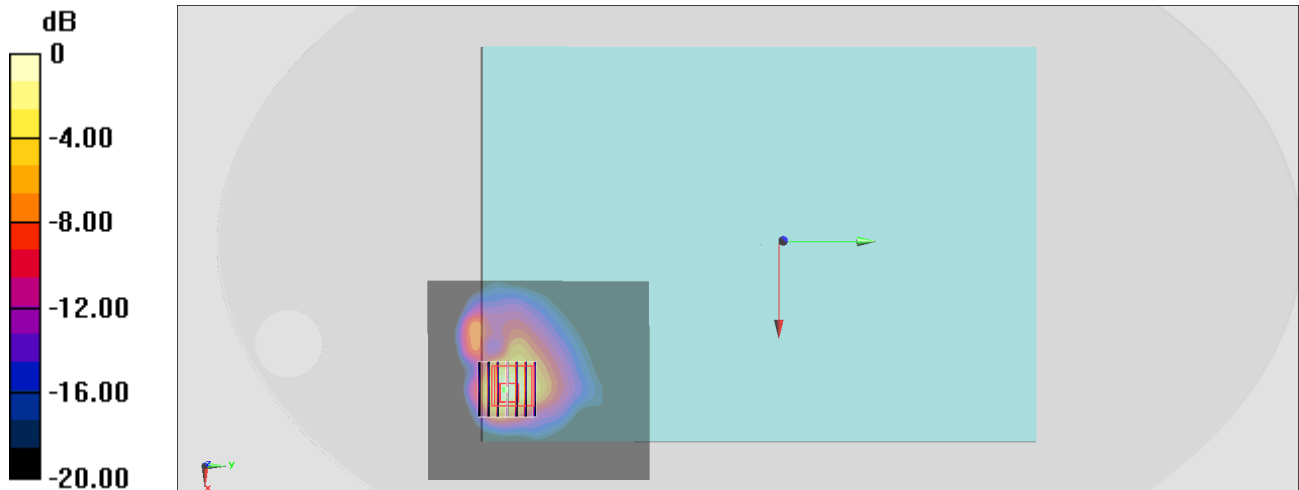
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.51 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.460 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

#15_LTE Band 48_20M_QPSK_1_0_Bottom Face_0mm_Ch56640

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

Medium: HSL_3300~4200_210118 Medium parameters used : $f = 3690$ MHz; $\sigma = 3.107$ S/m; $\epsilon_r = 37.218$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.04, 7.04, 7.04) @ 3690 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

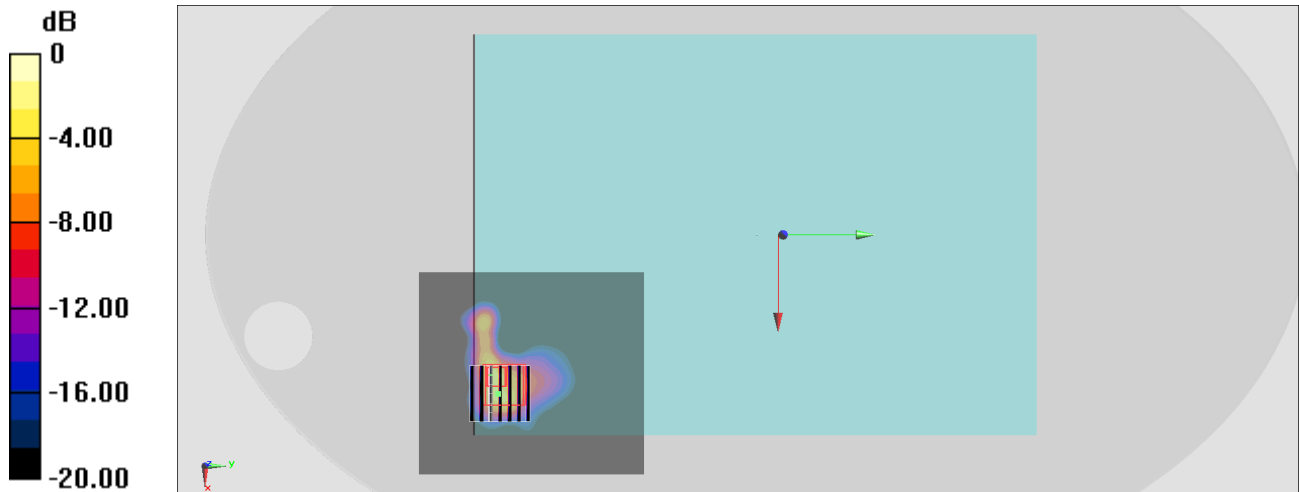
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 11.80 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 4.29 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg