

#01_WCDMA II_RMC 12.2Kbps_Bottom of Laptop_0mm_Ch9538

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

Medium: HSL_1900_231006 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 38.805$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.41, 8.41, 8.41) @ 1907.6 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

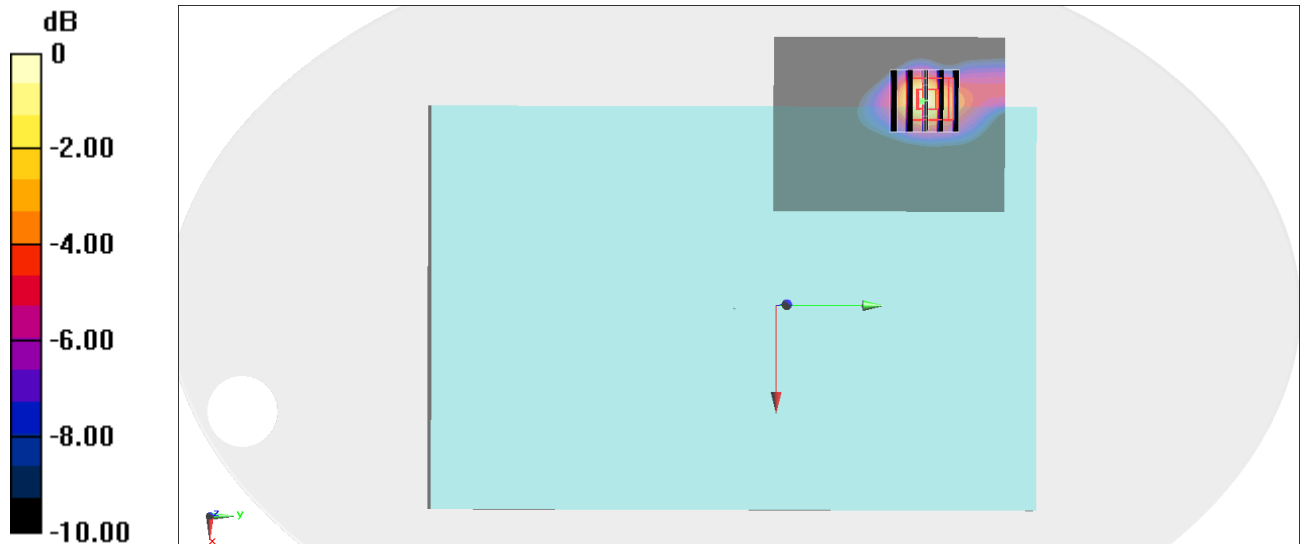
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.18 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.990 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Bottom of Laptop_0mm_Ch1312

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

Medium: HSL_1750_231006 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 40.515$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.85, 8.85, 8.85) @ 1712.4 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

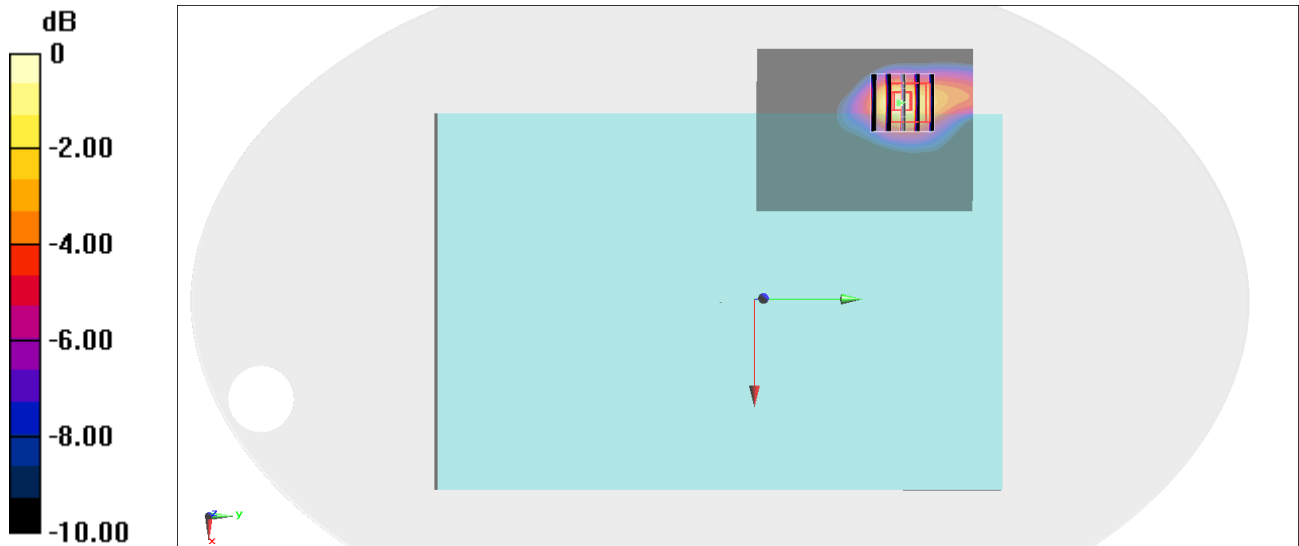
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.50 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.405 W/kg

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



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

#03_WCDMA V_RMC 12.2Kbps_Bottom of Laptop_0mm_Ch4233

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

Medium: HSL_850_231007 Medium parameters used: $f = 847$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 43.323$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.2, 10.2, 10.2) @ 846.6 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

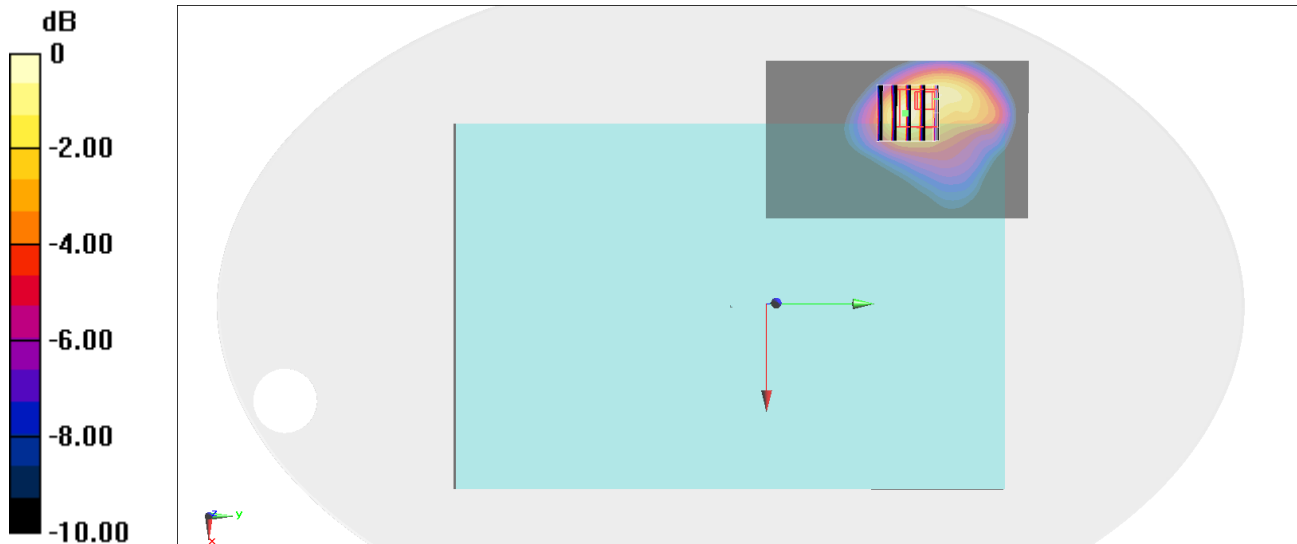
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.66 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.430 W/kg

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



0 dB = 1.10 W/kg = 0.41 dBW/kg

#04_LTE Band 7_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_231005 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 38.67$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2535 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.872 W/kg

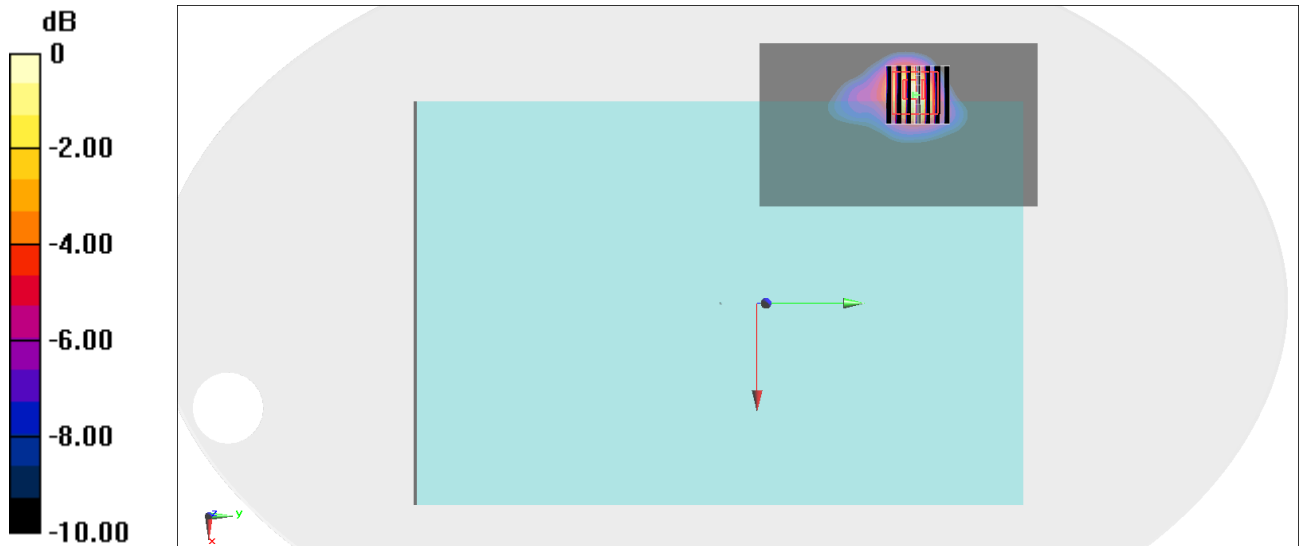
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.65 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.872 W/kg = -0.59 dBW/kg

#05_LTE Band 12_10M_QPSK_1_0_Bottom of Laptop_0mm_Ch23095

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

Medium: HSL_750_231004 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 41.854$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.48, 10.48, 10.48) @ 707.5 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.17 W/kg

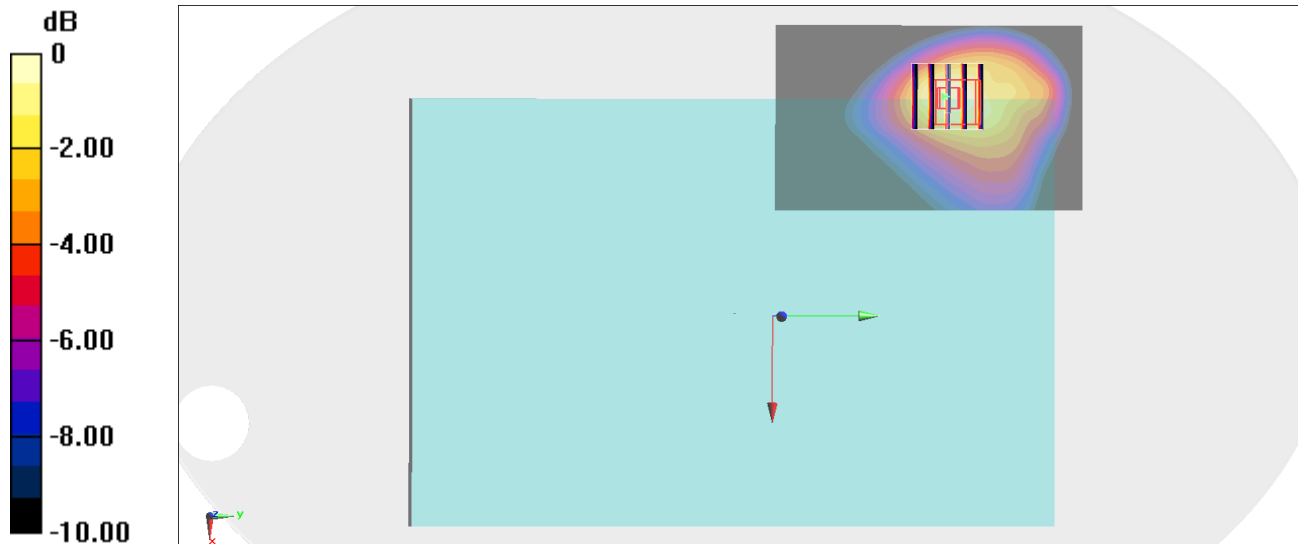
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.13 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.534 W/kg

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

#06_LTE Band 13_10M_QPSK_1_0_Bottom of Laptop_0mm_Ch23230

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

Medium: HSL_750_231004 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 41.379$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.48, 10.48, 10.48) @ 782 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

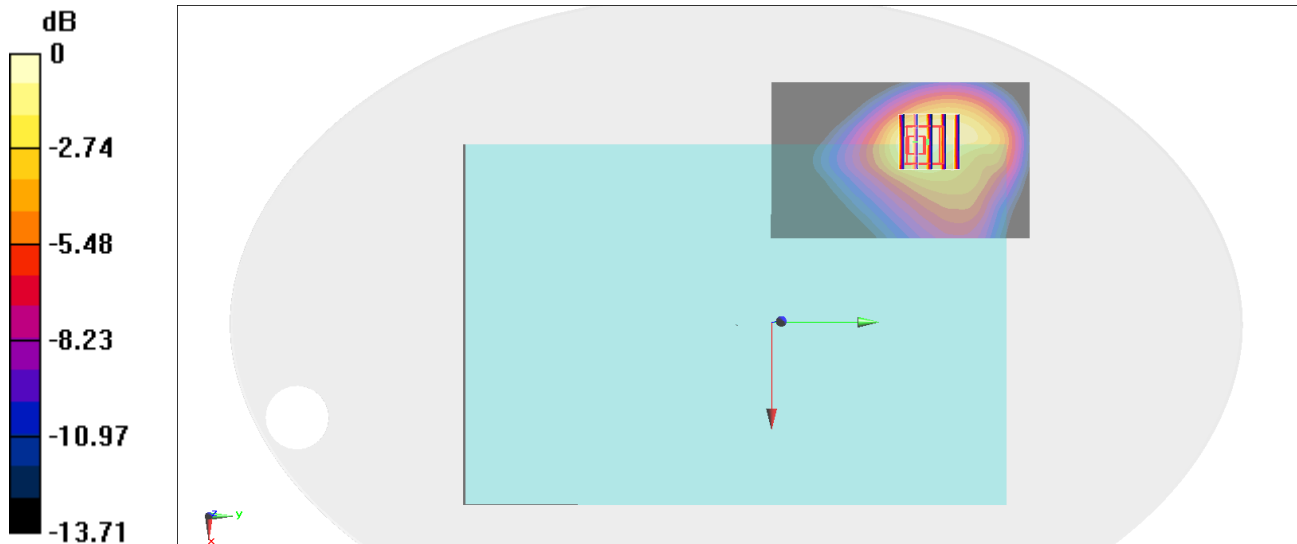
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.35 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.936 W/kg ; SAR(10 g) = 0.555 W/kg

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



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

#07_LTE Band 14_10M_QPSK_1_0_Bottom of Laptop_0mm_Ch23330

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

Medium: HSL_750_231004 Medium parameters used: $f = 793$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.34$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.48, 10.48, 10.48) @ 793 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

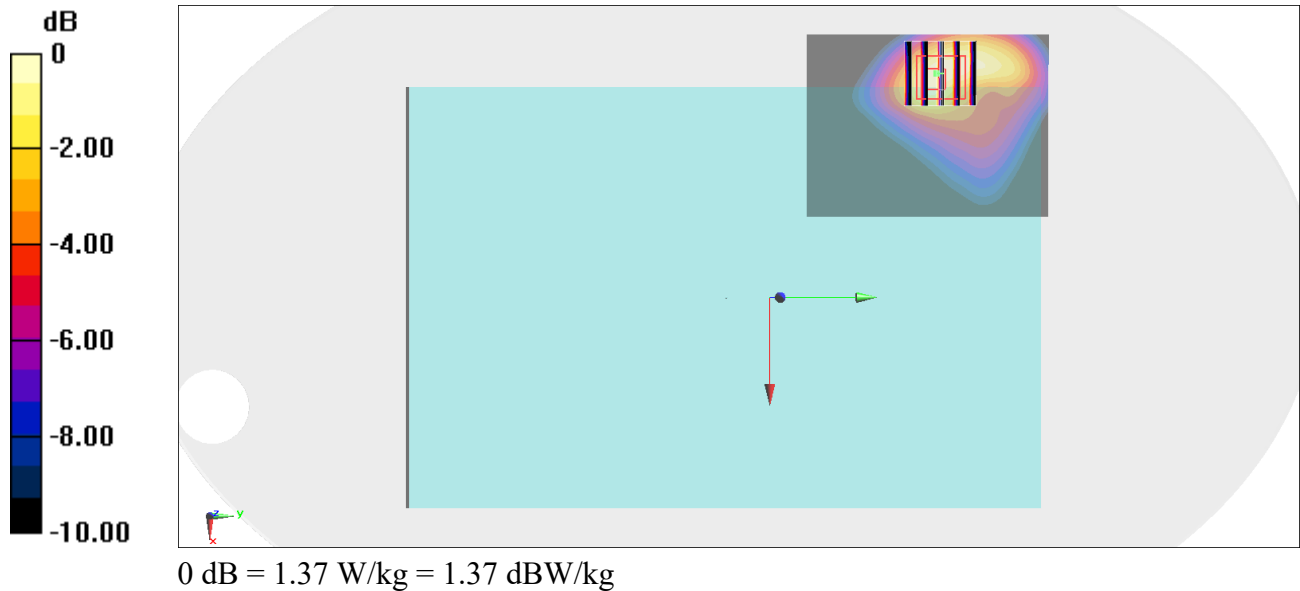
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.72 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.533 W/kg

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



#08_LTE Band 25_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch26590

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

Medium: HSL_1900_231006 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 38.817$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.41, 8.41, 8.41) @ 1905 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.17 W/kg

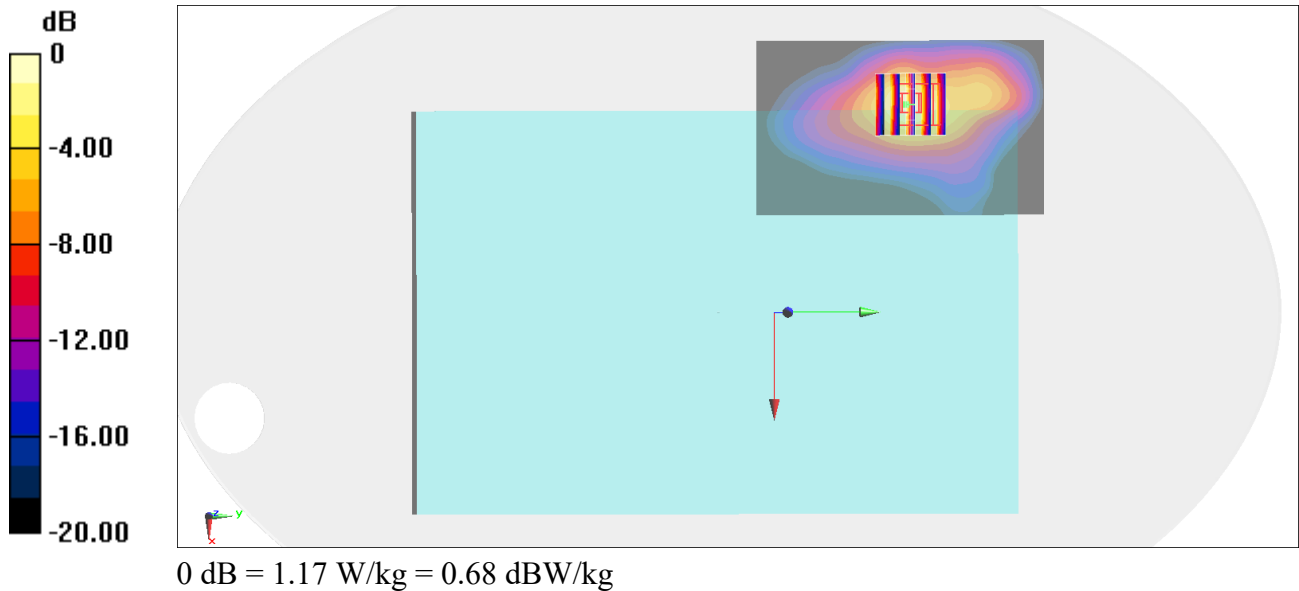
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



#09_LTE Band 26_15M_QPSK_1_0_Bottom of Laptop_0mm_Ch26865

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

Medium: HSL_850_231007 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.37$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.2, 10.2, 10.2) @ 831.5 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.854 W/kg

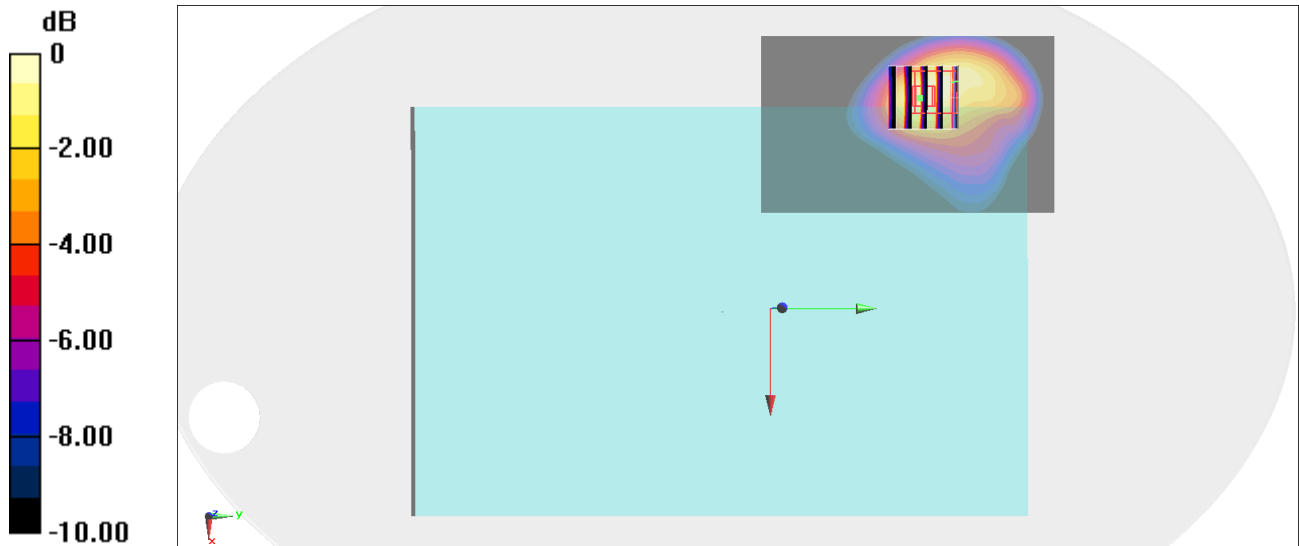
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.14 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.854 W/kg = -0.69 dBW/kg

#10_LTE Band 30_10M_QPSK_1_0_Bottom of Laptop_0mm_Ch27710

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

Medium: HSL_2300_231008 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.638$ S/m; $\epsilon_r = 40.214$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.26, 8.26, 8.26) @ 2310 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.800 W/kg

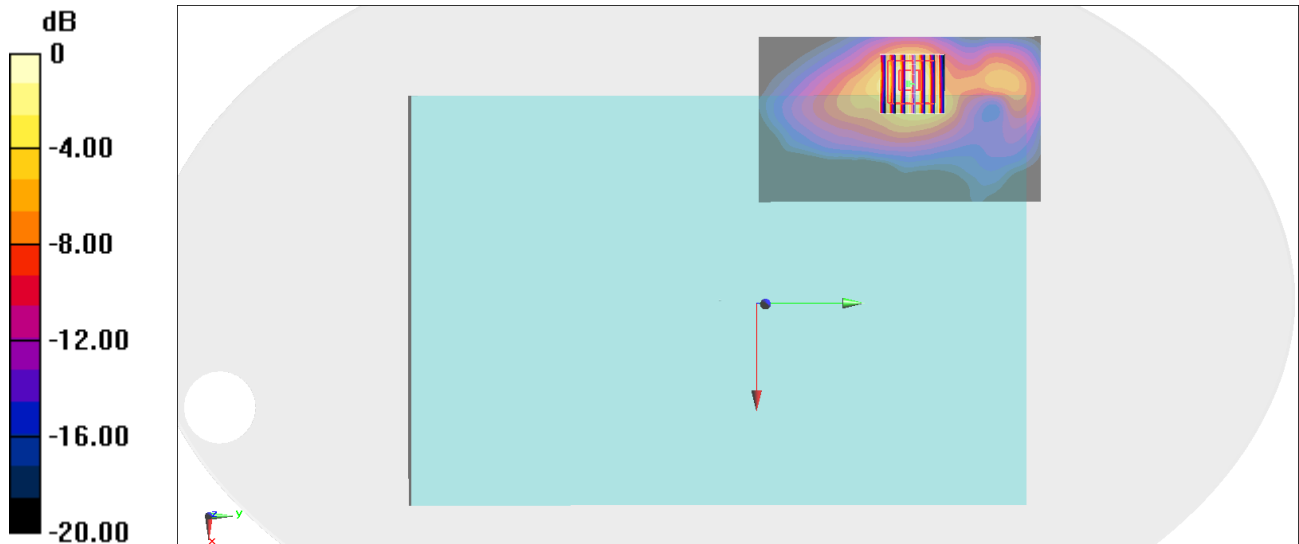
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.05 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.800 W/kg = -0.97 dBW/kg

#11_LTE Band 41_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch41055

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:2.331

Medium: HSL_2600_231005 Medium parameters used: $f = 2636.5$ MHz; $\sigma = 2.037$ S/m; $\epsilon_r = 38.259$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2636.5 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.794 W/kg

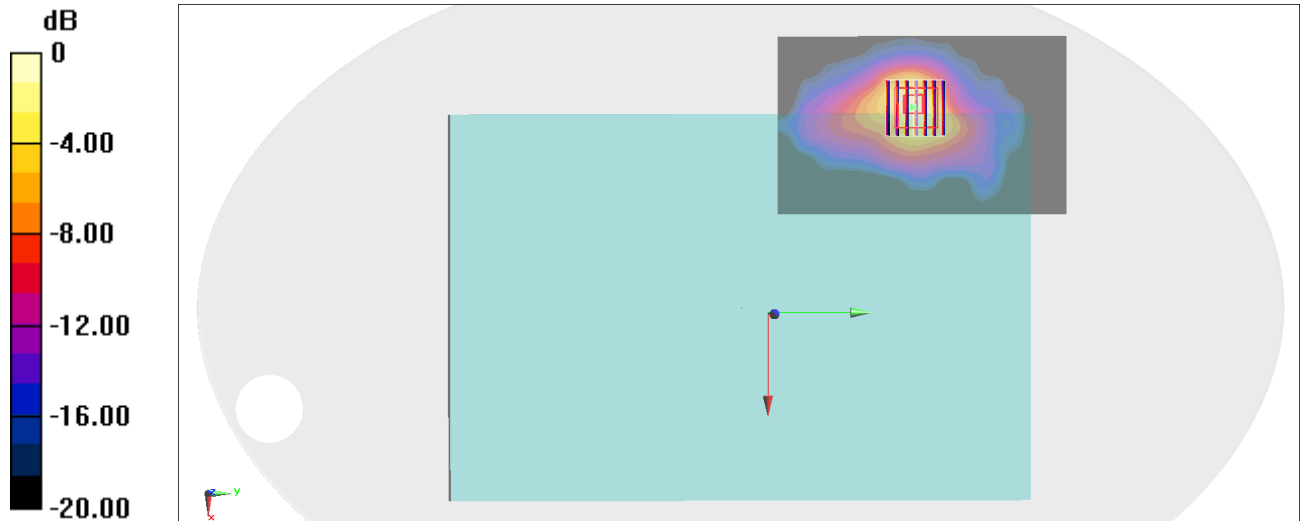
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.22 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.921 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

#12_LTE Band 48_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch56640

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

Medium: HSL_3700_231009 Medium parameters used: $f = 3690$ MHz; $\sigma = 3.131$ S/m; $\epsilon_r = 37.313$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(6.96, 6.96, 6.96) @ 3690 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- 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 (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

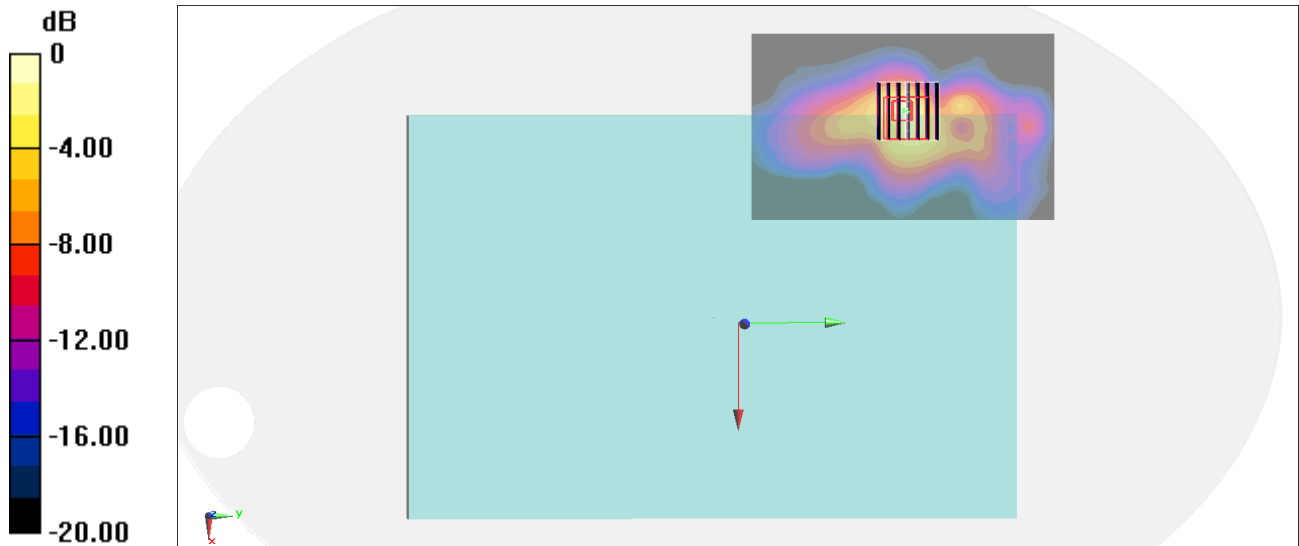
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 18.38 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.257 W/kg

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



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

#13_LTE Band 66_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch132572

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

Medium: HSL_1750_231006 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.322$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.85, 8.85, 8.85) @ 1770 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

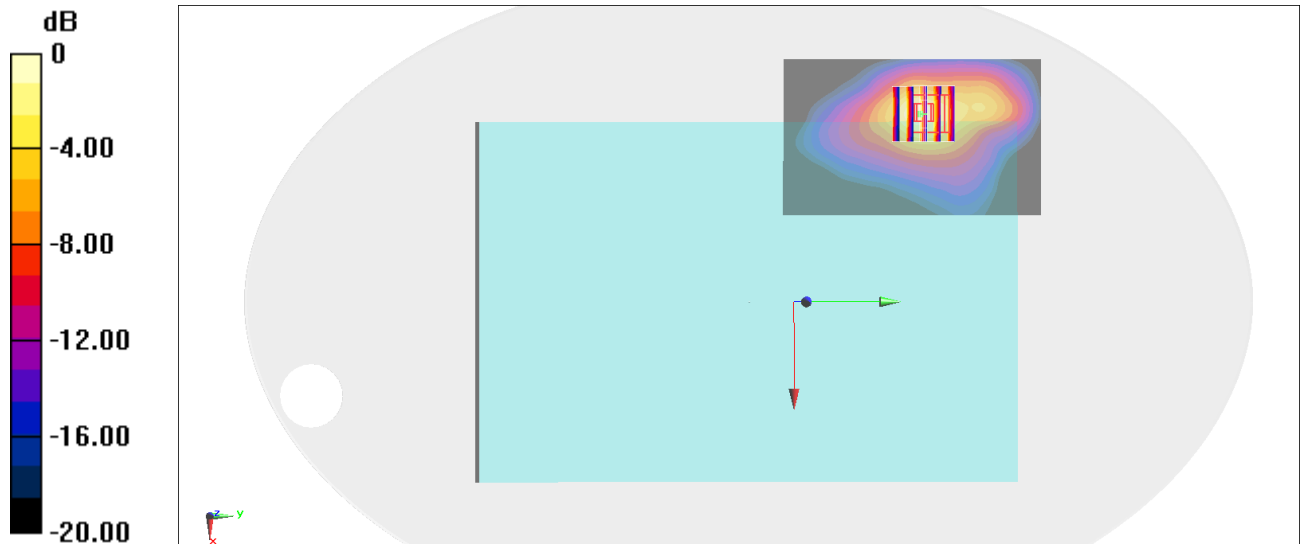
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.43 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.389 W/kg

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



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