

#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_220831 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 38.985$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.19, 8.19, 8.19) @ 1907.6 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.67 W/kg

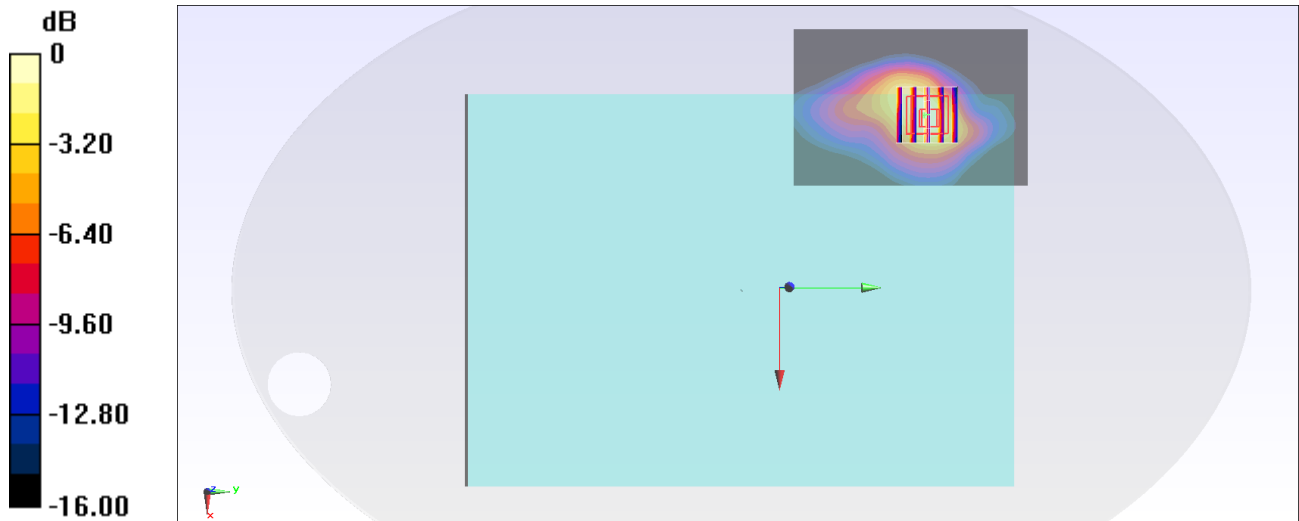
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.635 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Edge 3_0mm_Ch1413

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

Medium: HSL_1750_220831 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.339$ S/m; $\epsilon_r = 40.645$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.57, 8.57, 8.57) @ 1732.6 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 1.47 W/kg

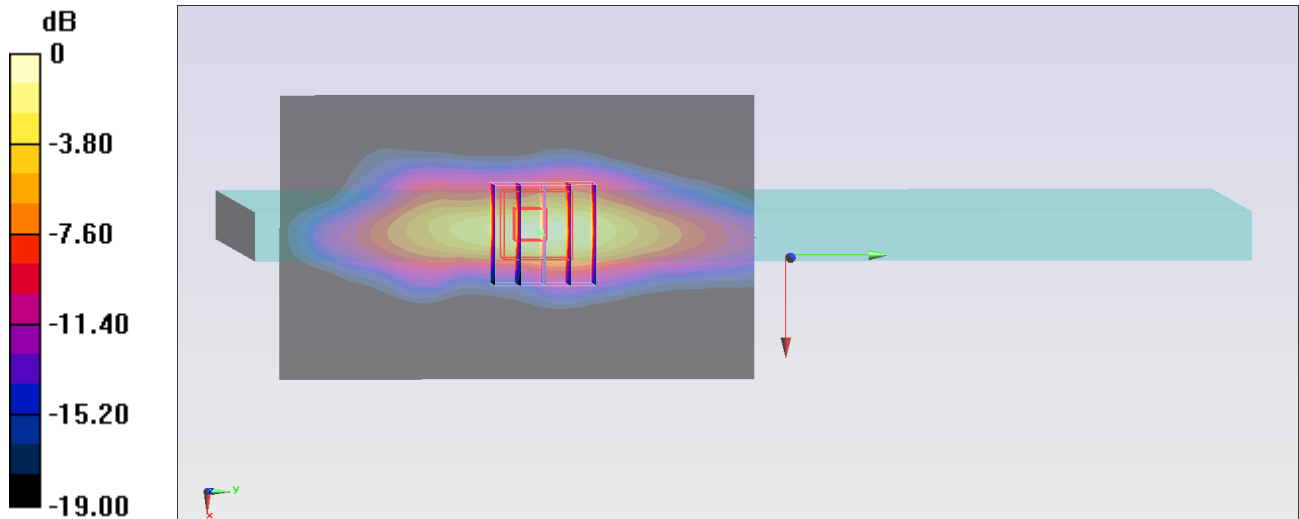
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.32 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Edge 3_0mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_220829 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 41.471$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.32, 10.32, 10.32) @ 836.4 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- 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) = 2.56 W/kg

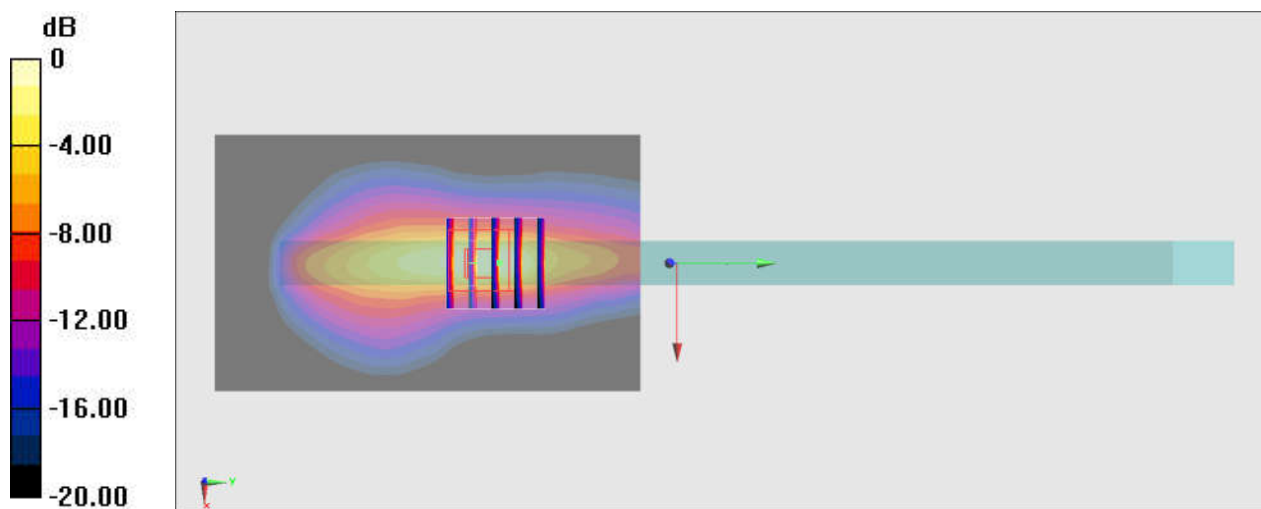
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.17 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.466 W/kg

Maximum value of SAR (measured) = 2.60 W/kg



#04_LTE Band 7_20M_QPSK_50_0_Edge 4_0mm_Ch21100

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

Medium: HSL_2600_220831 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.919$ S/m; $\epsilon_r = 37.978$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(8.06, 8.06, 8.06) @ 2535 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

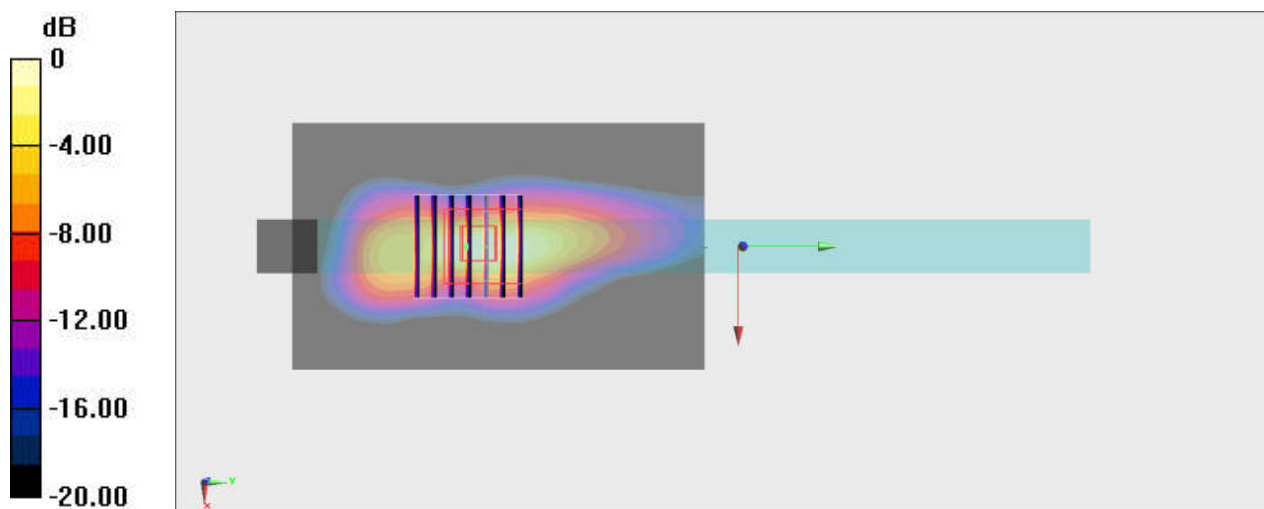
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.994 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

#05_LTE Band 12_10M_QPSK_1_25_Bottom of Laptop_0mm_Ch23095

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

Medium: HSL_750_220829 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 41.601$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(10.31, 10.31, 10.31) @ 707.5 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.06 W/kg

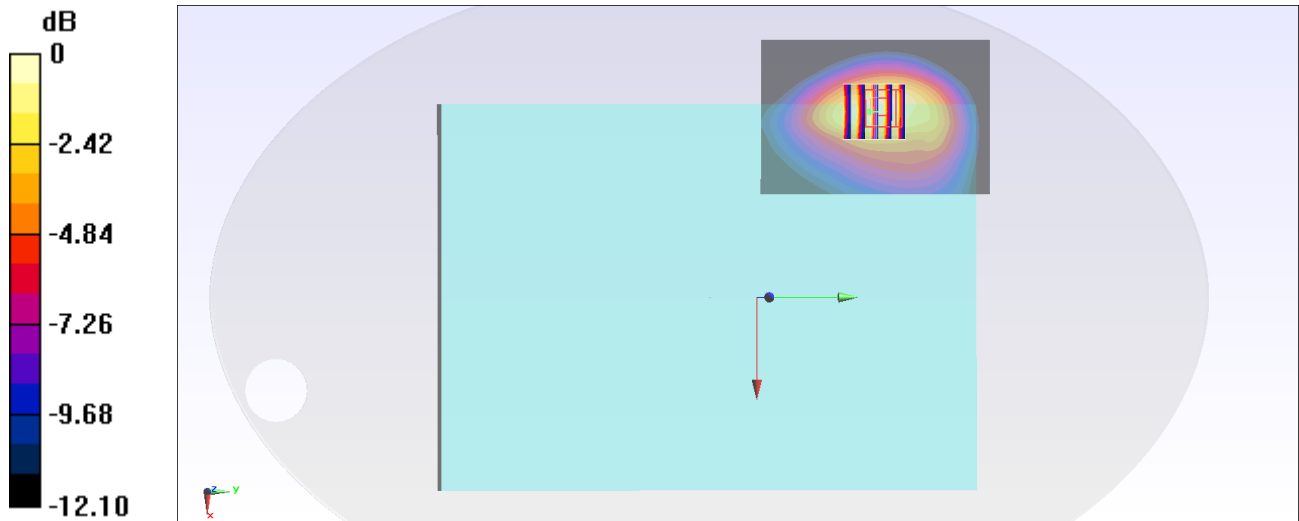
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.57 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.495 W/kg

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



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

#06_LTE Band 13_10M_QPSK_1_25_Edge 3_0mm_Ch23230

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

Medium: HSL_750_220829 Medium parameters used: $f = 782$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 41.602$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.52, 10.52, 10.52) @ 782 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- 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) = 2.36 W/kg

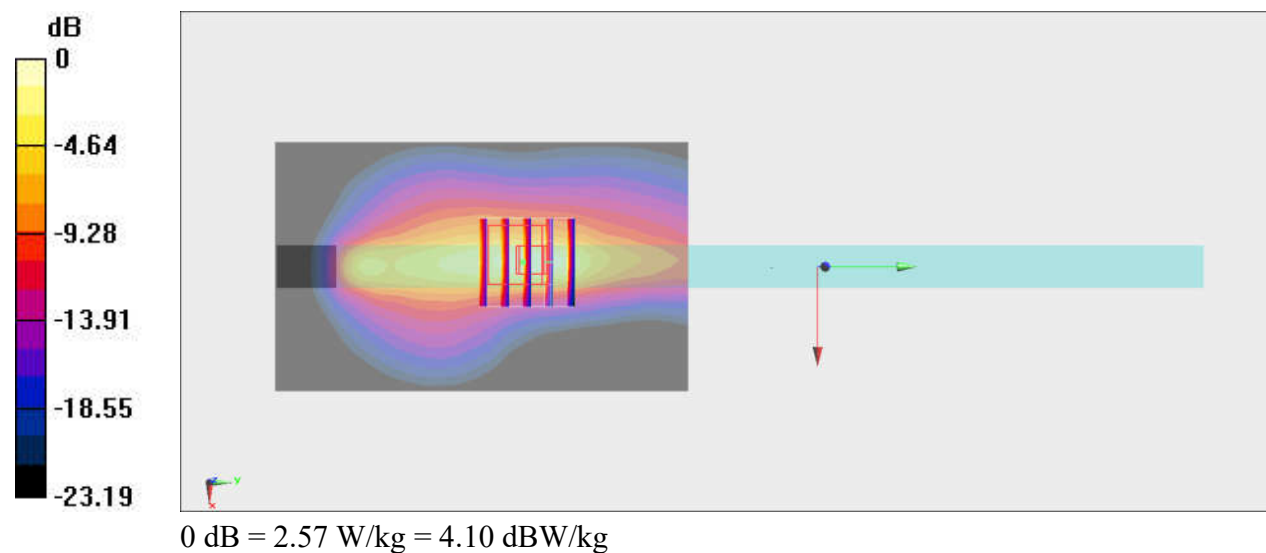
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.45 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 2.57 W/kg



#07_LTE Band 14_10M_QPSK_1_0_Edge 3_0mm_Ch23330

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

Medium: HSL_750_220829 Medium parameters used: $f = 793$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.564$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.52, 10.52, 10.52) @ 793 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- 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) = 2.69 W/kg

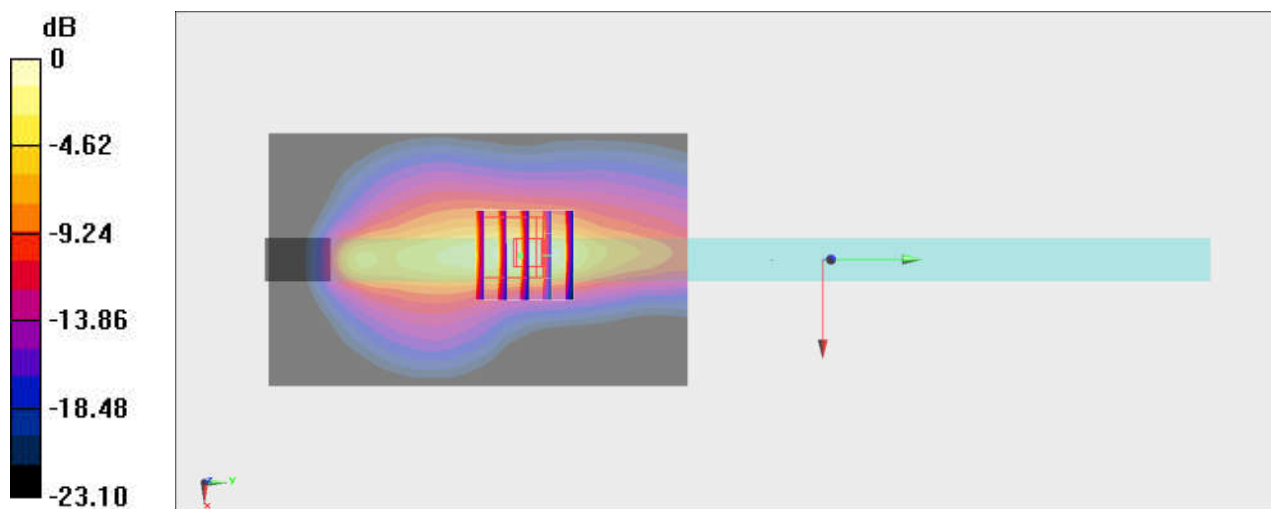
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.37 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.07 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.545 W/kg

Maximum value of SAR (measured) = 2.90 W/kg



#08_LTE Band 25_20M_QPSK_1_0_Edge 3_0mm_Ch26140

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

Medium: HSL_1900_220831 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 39.195$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.19, 8.19, 8.19) @ 1860 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.90 W/kg

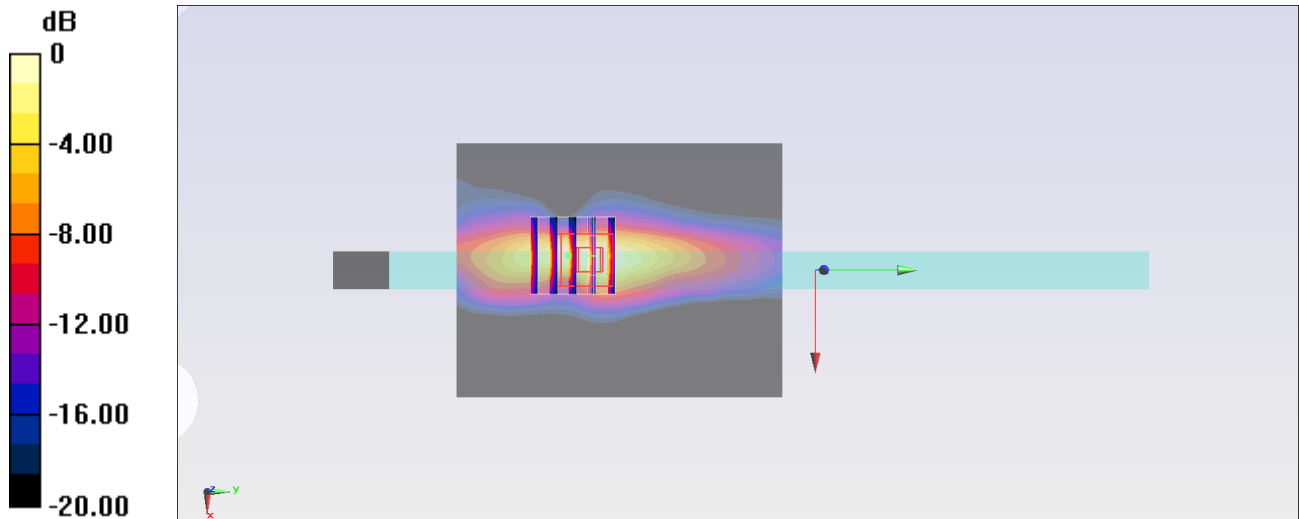
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.13 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 1.92 W/kg



#09_LTE Band 26_15M_QPSK_1_37_Bottom of Laptop_0mm_Ch26865

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

Medium: HSL_850_220829 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 41.498$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.32, 10.32, 10.32) @ 831.5 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

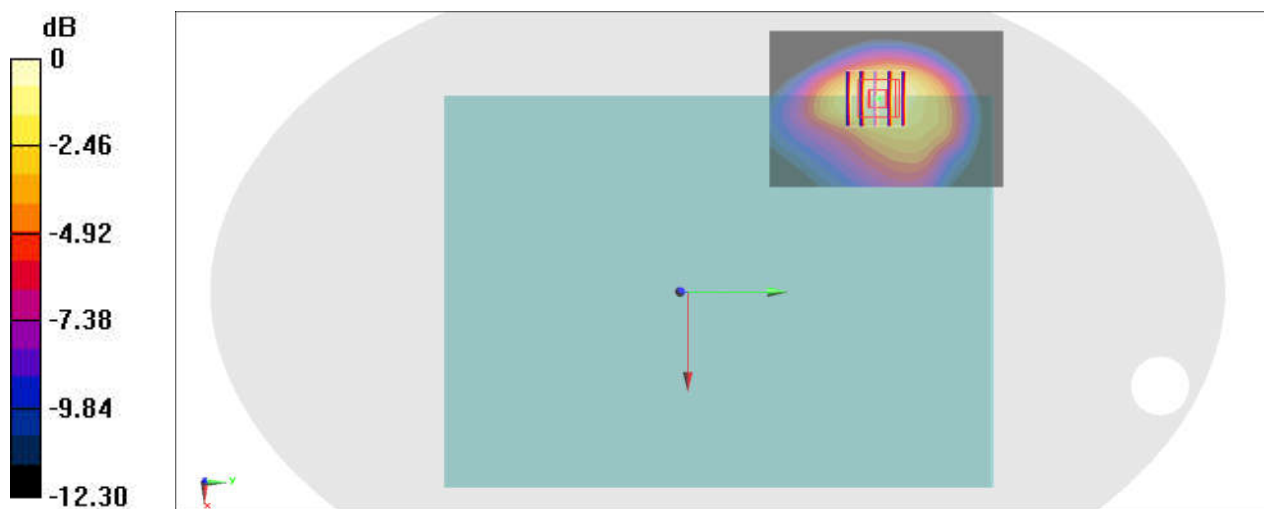
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.40 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.596 W/kg

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



0 dB = 1.27 W/kg = 1.02 dBW/kg

#10_LTE Band 30_10M_QPSK_1_25_Bottom of Laptop_0mm_Ch27710

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

Medium: HSL_2300_220901 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.657$ S/m; $\epsilon_r = 39.44$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.09, 8.09, 8.09) @ 2310 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

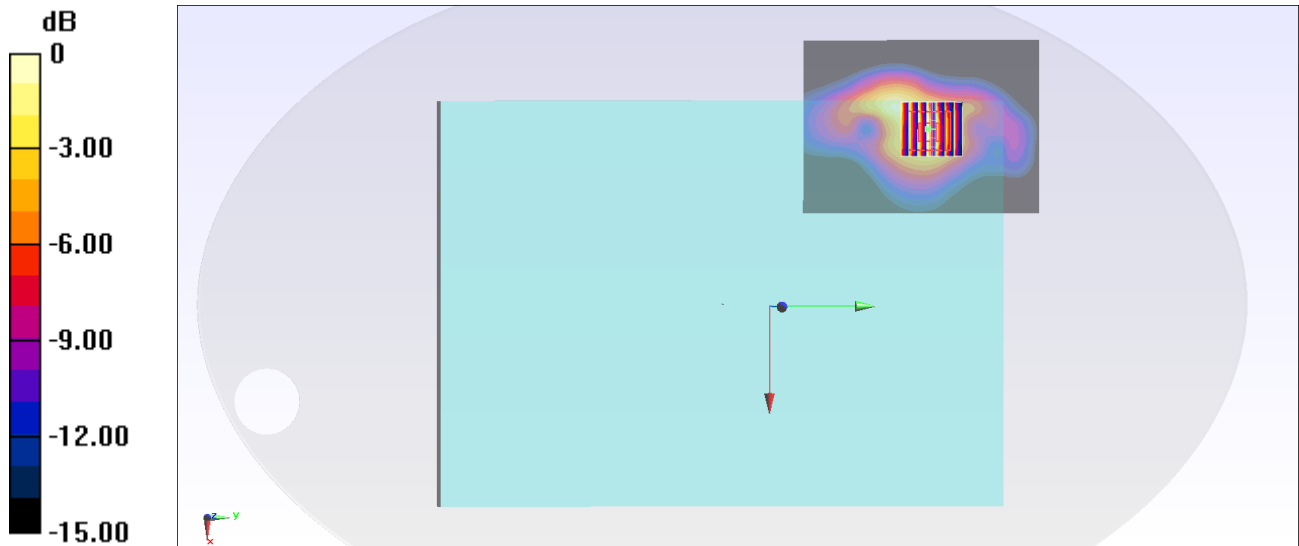
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.89 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.490 W/kg

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



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

#11_LTE Band 66_20M_QPSK_1_49_Edge 3_0mm_Ch132572

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

Medium: HSL_1750_220831 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.502$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.57, 8.57, 8.57) @ 1770 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 1.74 W/kg

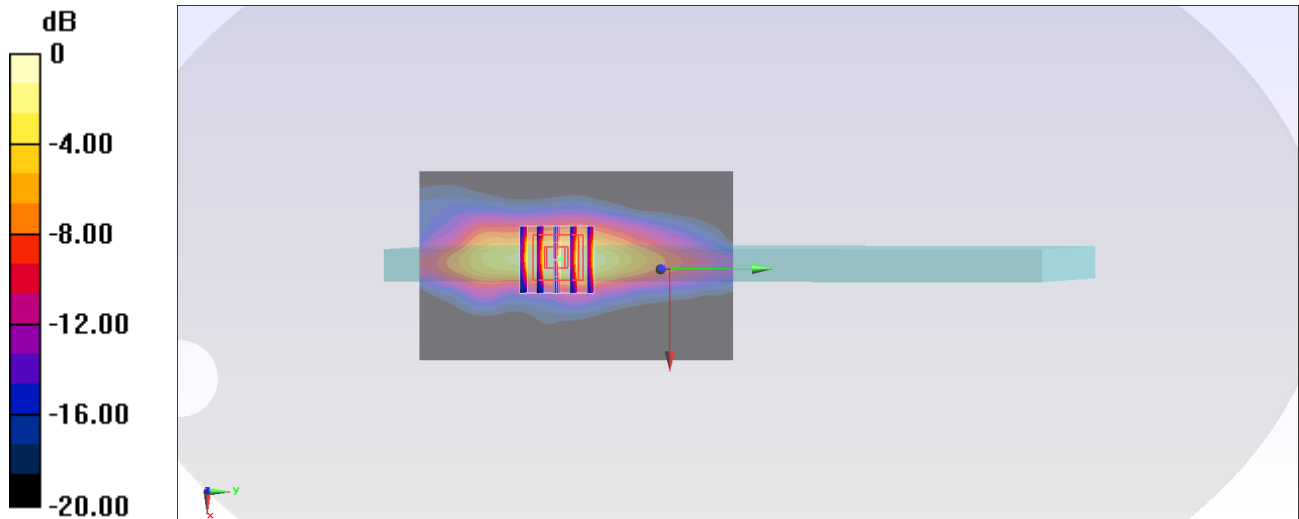
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.94 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.429 W/kg

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



0 dB = 1.74 W/kg = 2.41 dBW/kg

#12_LTE Band 71_20M_QPSK_1_99_Bottom of Laptop_0mm_Ch133297

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

Medium: HSL_750_220829 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 42.189$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.52, 10.52, 10.52) @ 680.5 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

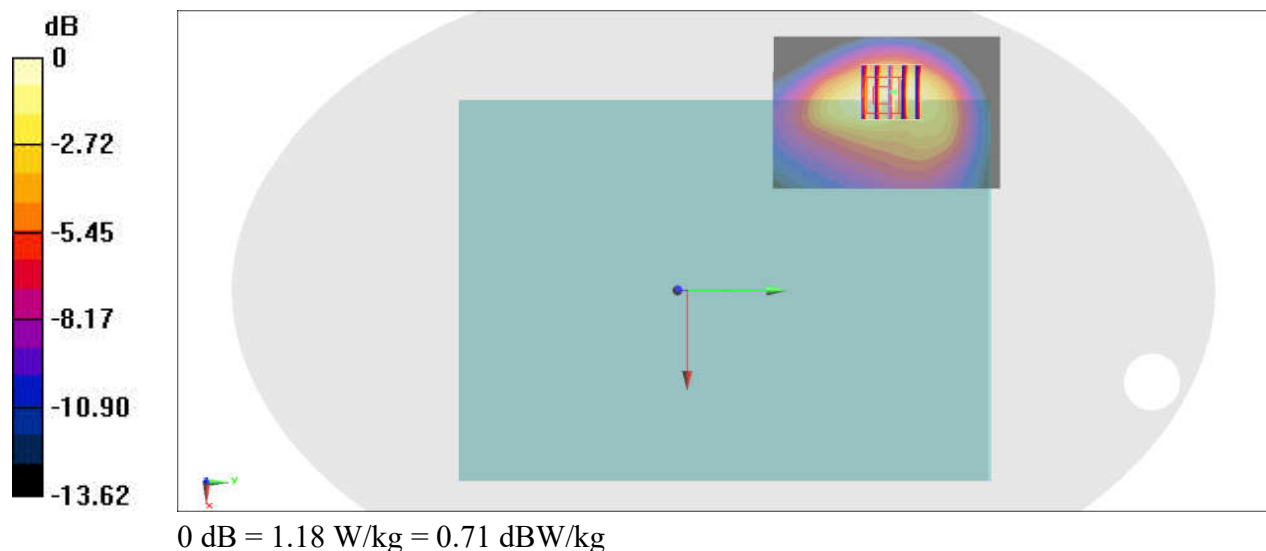
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.71 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.543 W/kg

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



#13_LTE Band 41_20M_QPSK_50_0_Edge 4_0mm_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220831 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 38.064$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(8.06, 8.06, 8.06) @ 2506 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- 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) = 1.81 W/kg

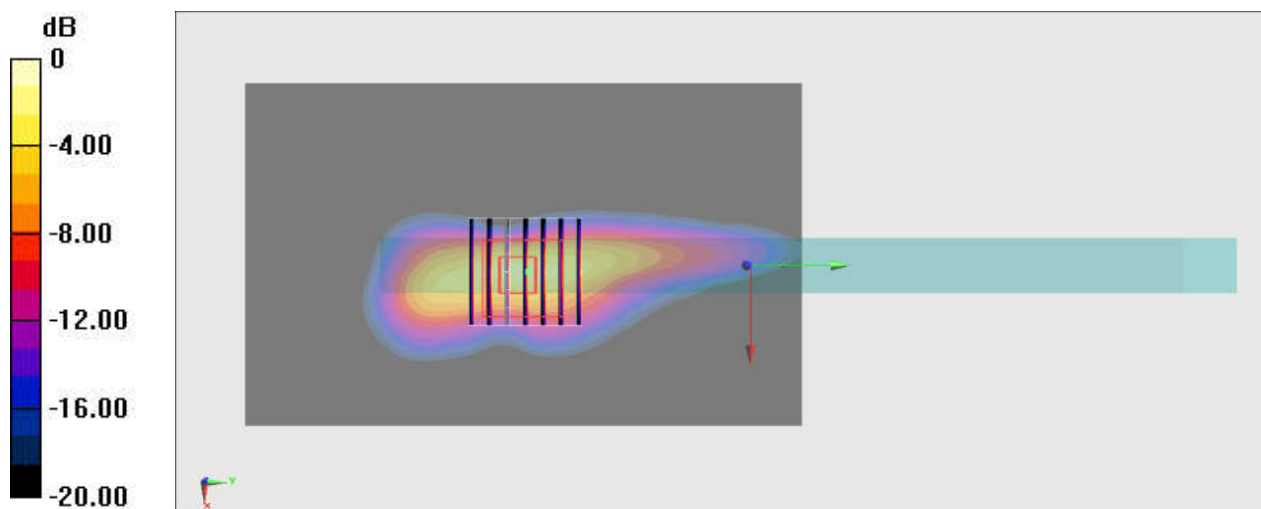
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.89 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

#14_LTE Band 42 HPUE_20M_QPSK_1_0_Edge 4_0mm_Ch42990

Communication System: LTE; Frequency: 3540 MHz; Duty Cycle: 1:2.33

Medium: HSL_3500_220908 Medium parameters used: $f = 3540$ MHz; $\sigma = 3.004$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(7, 7, 7) @ 3540 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

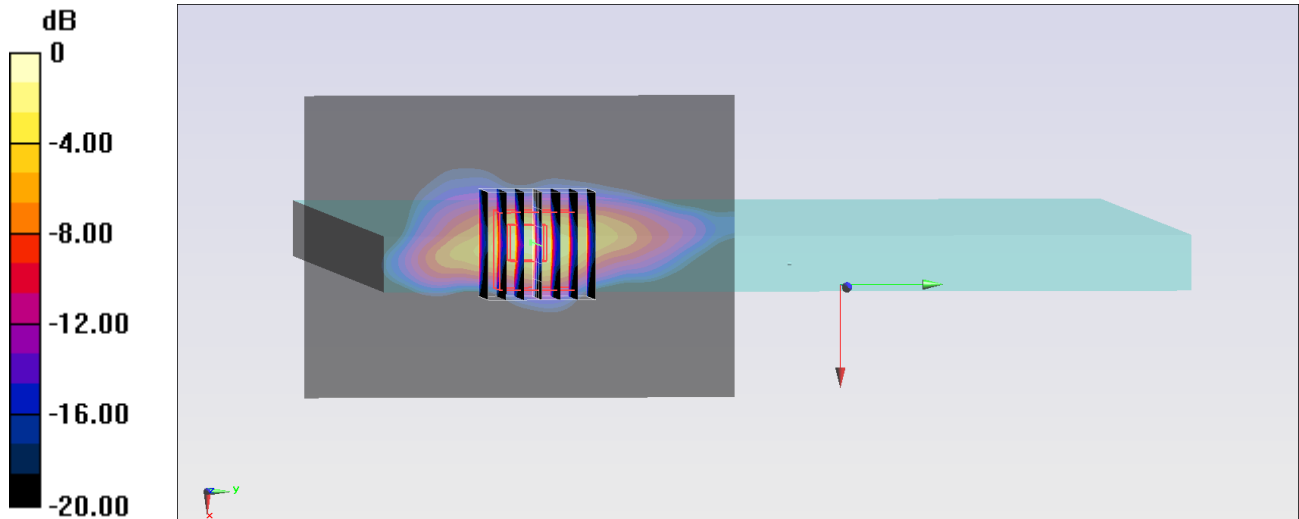
Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=1.4$ mm

Reference Value = 8.959 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 2.35 W/kg



0 dB = 2.35 W/kg = 3.71 dBW/kg

#15_LTE Band 43 HPUE_20M_QPSK_1_0_Edge 4_0mm_Ch44690

Communication System: LTE; Frequency: 3710 MHz; Duty Cycle: 1:2.33

Medium: HSL_3700_220908 Medium parameters used: $f = 3710$ MHz; $\sigma = 3.184$ S/m; $\epsilon_r = 37.601$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(6.66, 6.66, 6.66) @ 3710 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

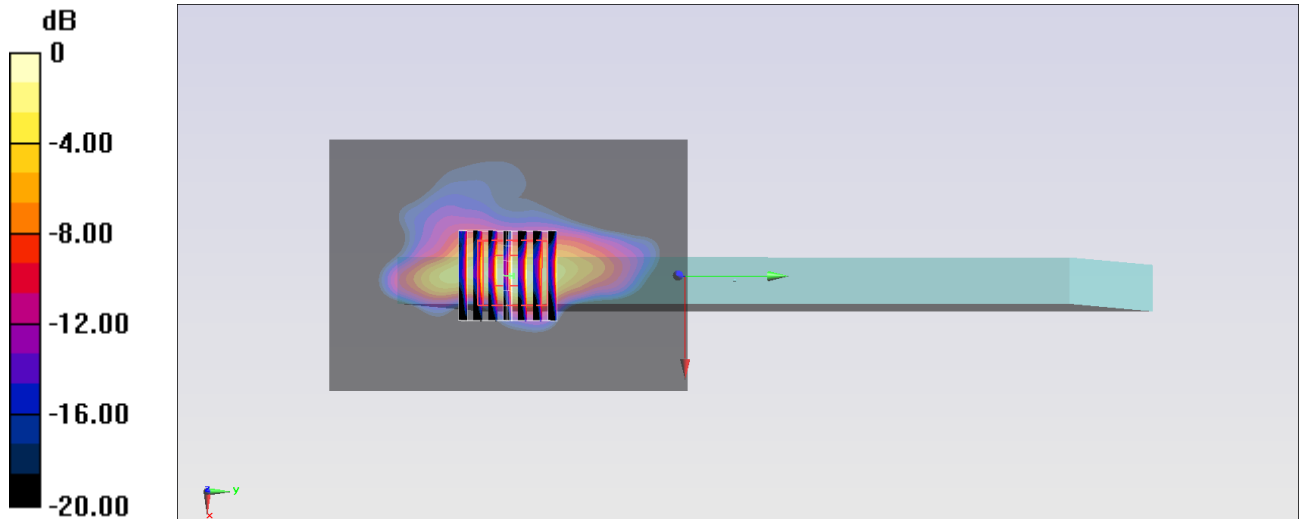
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 6.988 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.281 W/kg

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



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

#16_LTE Band 48_20M_QPSK_100_0_Bottom of Laptop_0mm_Ch56640

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

Medium: HSL_3700_220907 Medium parameters used : $f = 3690$ MHz; $\sigma = 3.207$ S/m; $\epsilon_r = 37.836$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(6.66, 6.66, 6.66) @ 3690 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 1.39 W/kg

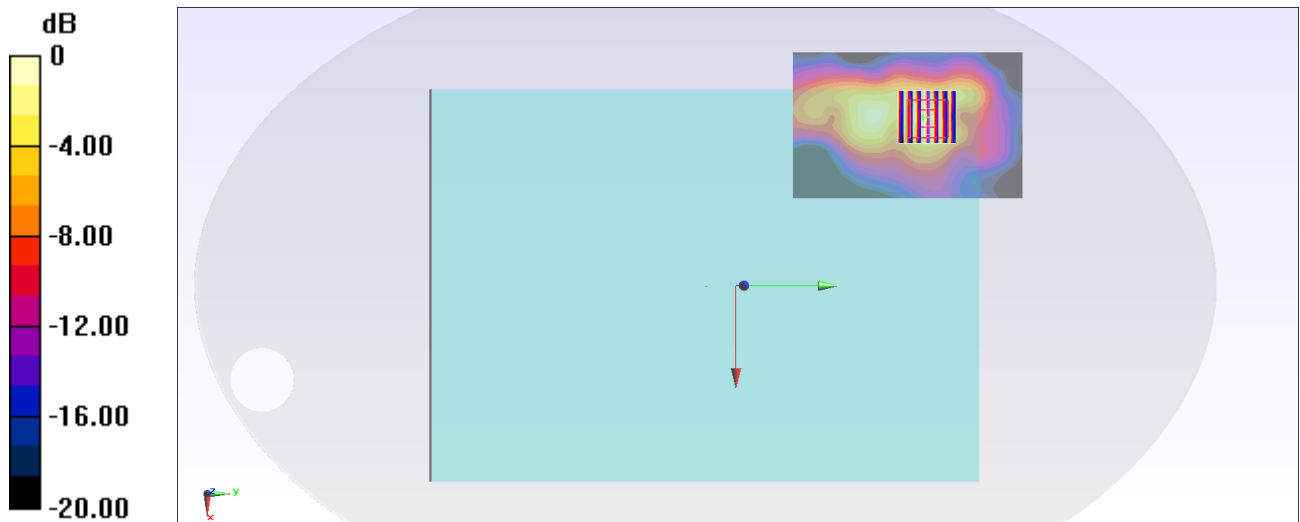
Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=1.4$ mm

Reference Value = 16.82 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.411 W/kg

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



0 dB = 1.57 W/kg = 1.96 dBW/kg

#17_FR1 n7_40M_BPSK_216_0_Bottom of Laptop_0mm_Ch507000

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

Medium: HSL_2600_220903 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.928$ S/m; $\epsilon_r = 38.04$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(8.06, 8.06, 8.06) @ 2535 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

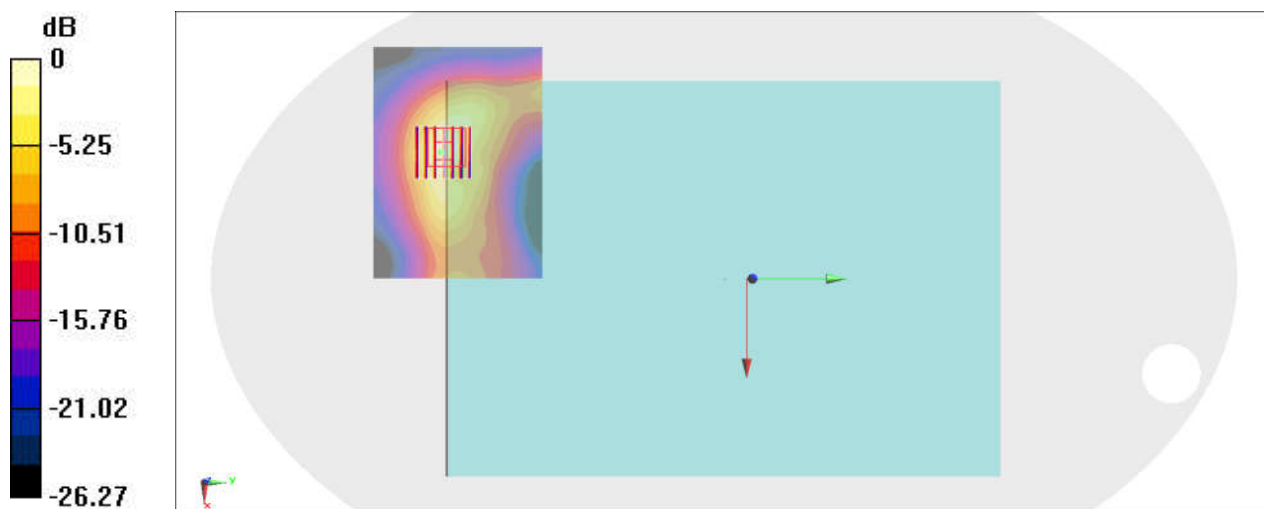
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.28 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.507 W/kg

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



0 dB = 1.87 W/kg = 2.72 dBW/kg

#18_FR1 n12_15M_BPSK_36_0_Bottom of Laptop_0mm_Ch141500

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

Medium: HSL_750_220904 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 41.277$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.52, 10.52, 10.52) @ 707.5 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

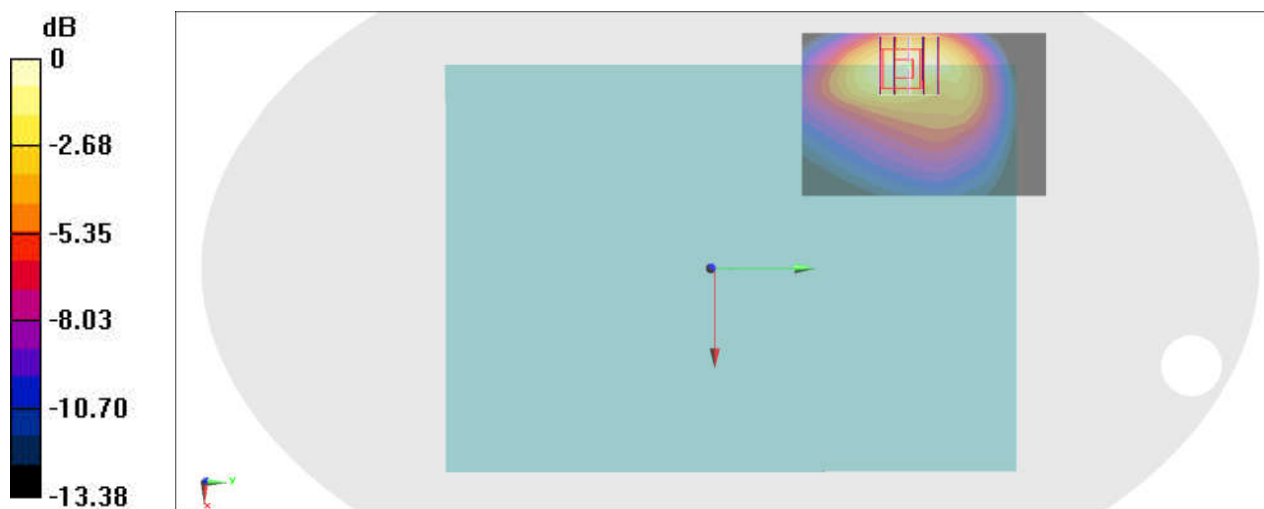
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.19 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.516 W/kg

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



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

#19_FR1 n13_10M_BPSK_50_0_Edge 3_0mm_Ch156400

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

Medium: HSL_750_220902 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 41.729$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.23 W/kg

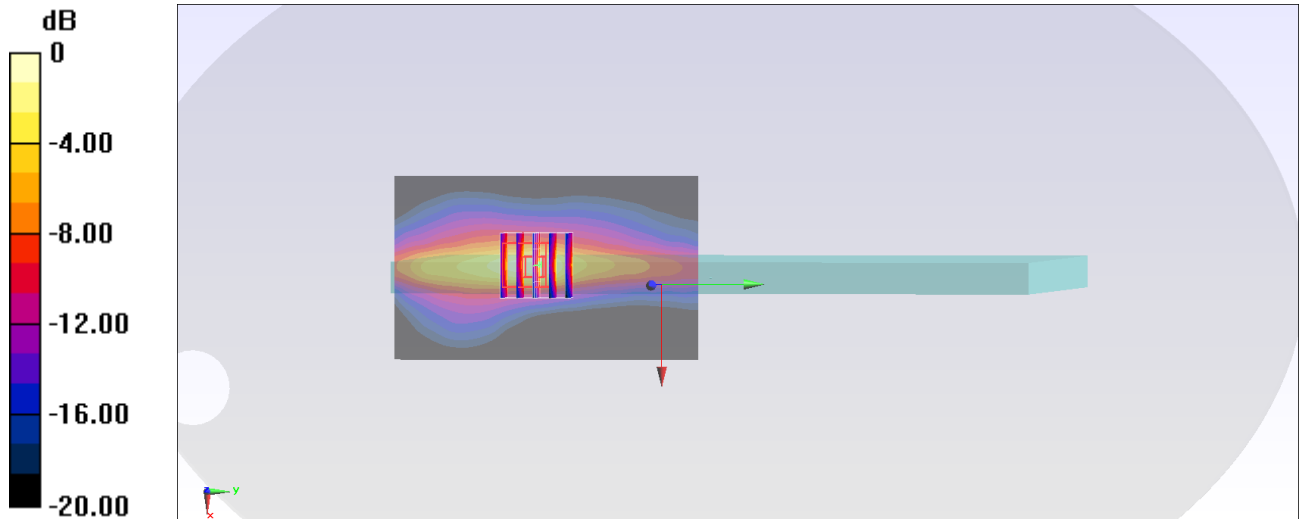
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.66 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.947 W/kg ; SAR(10 g) = 0.443 W/kg

Maximum value of SAR (measured) = 1.99 W/kg



$0 \text{ dB} = 2.23 \text{ W/kg} = 3.48 \text{ dBW/kg}$

#20_FR1 n14 _10M_BPSK_25_0_Bottom of Laptop_0mm_Ch158600

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

Medium: HSL_750_220904 Medium parameters used: $f = 793$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.764$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.52, 10.52, 10.52) @ 793 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

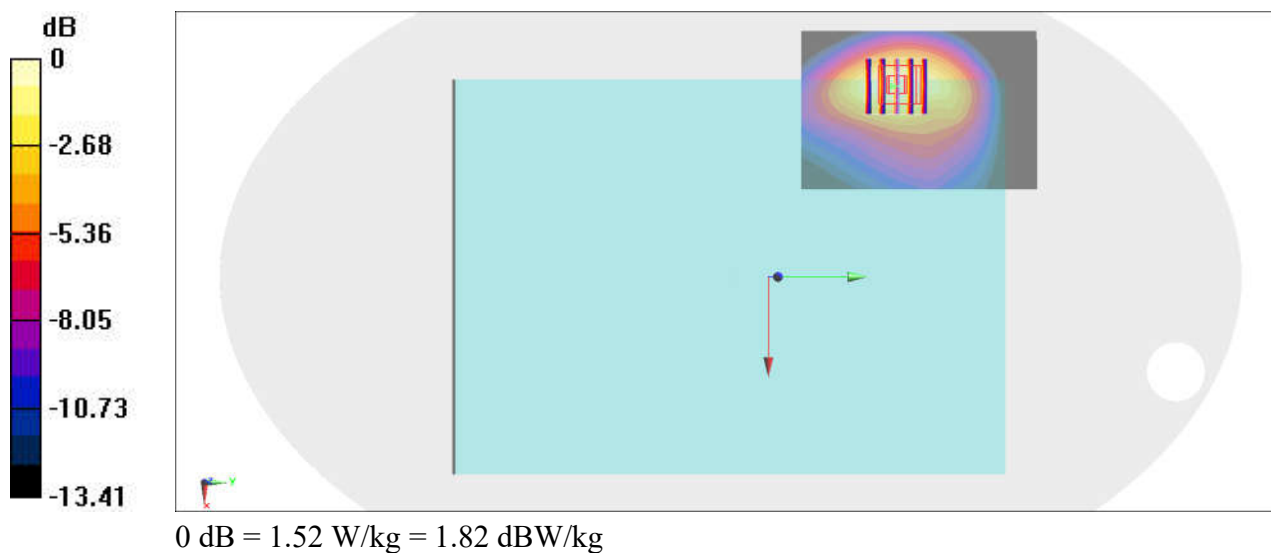
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 37.26 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.652 W/kg

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



#21_FR1 n25_40M_BPSK_108_0_Edge 3_0mm_Ch376500

Communication System: NR; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_220903 Medium parameters used : $f = 1882.5$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.19, 8.19, 8.19) @ 1882.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 2.17 W/kg

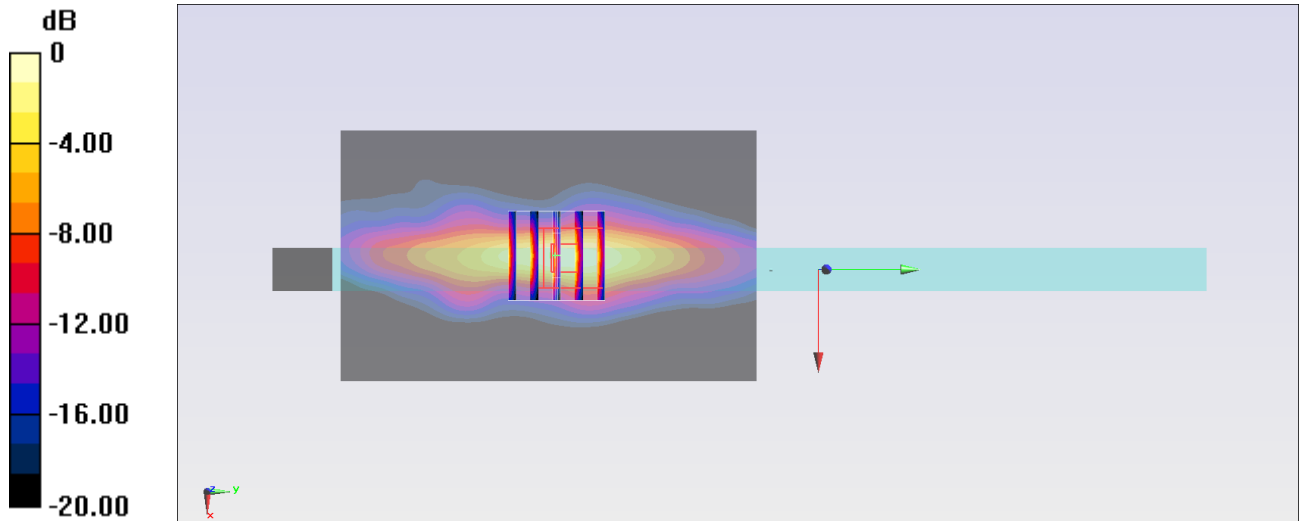
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.69 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.492 W/kg

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



#22_FR1 n26 _20M_BPSK_1_1_Bottom of Laptop_0mm_Ch166300

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

Medium: HSL_850_220904 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 40.698$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.32, 10.32, 10.32) @ 831.5 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

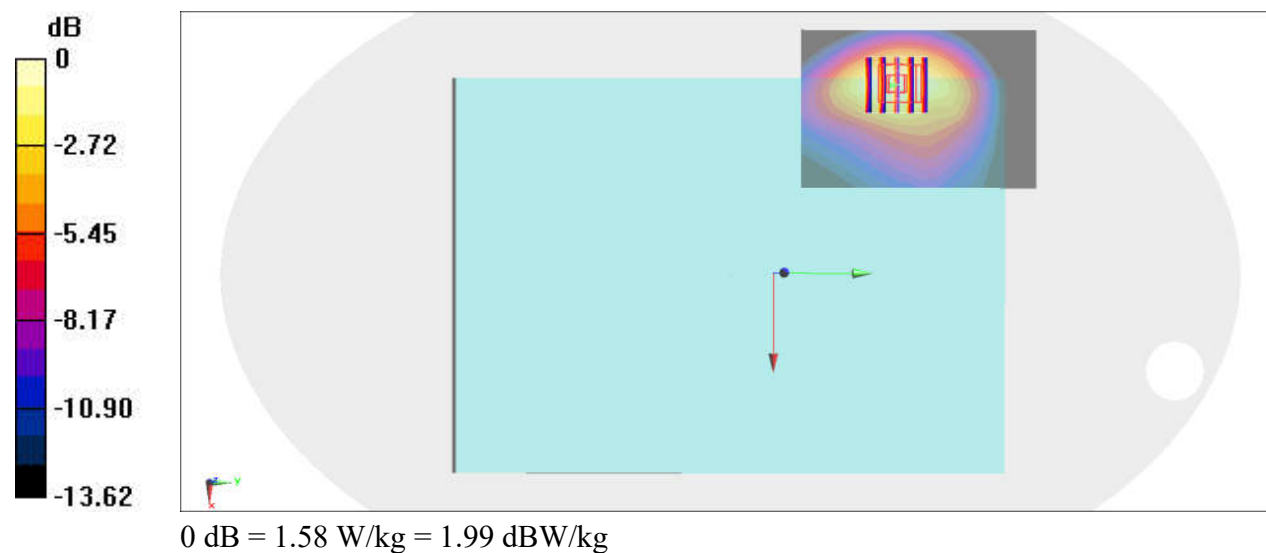
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.74 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.672 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



#23_FR1 n30_10M_BPSK_1_1_Edge 4_0mm_Ch462000

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

Medium: HSL_2300_220906 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.655$ S/m; $\epsilon_r = 39.179$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(8.37, 8.37, 8.37) @ 2310 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.76 W/kg

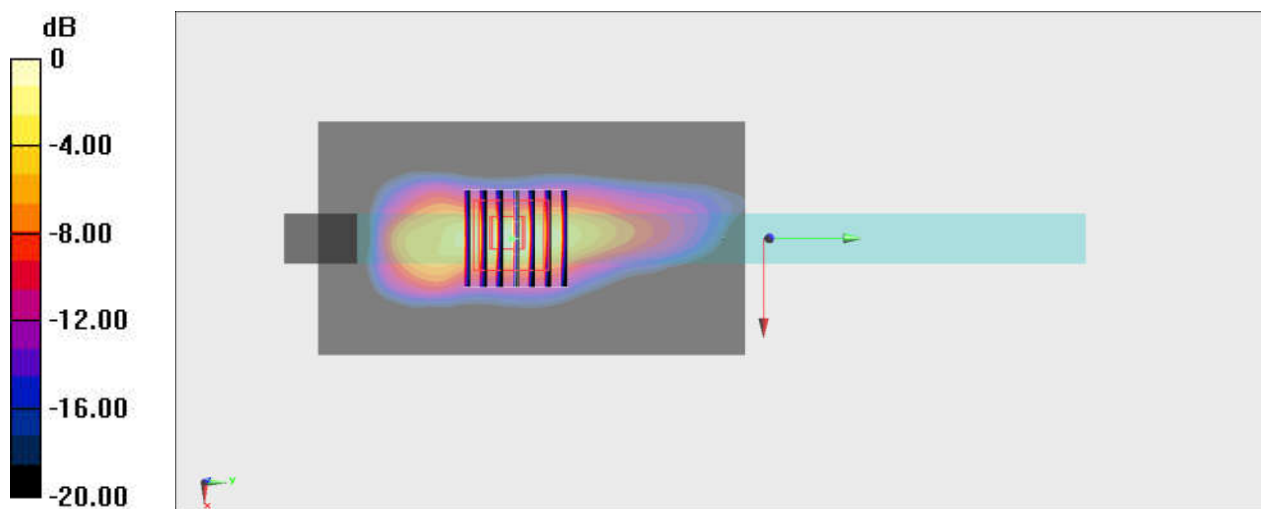
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.56 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.82 W/kg

SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.306 W/kg

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



0 dB = 1.76 W/kg = 2.46 dBW/kg

#24_FR1 n66_40M_BPSK_216_0_Edge 3_0mm_Ch349000

Communication System: NR; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220903 Medium parameters used : $f = 1745$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.57, 8.57, 8.57) @ 1745 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 1.86 W/kg

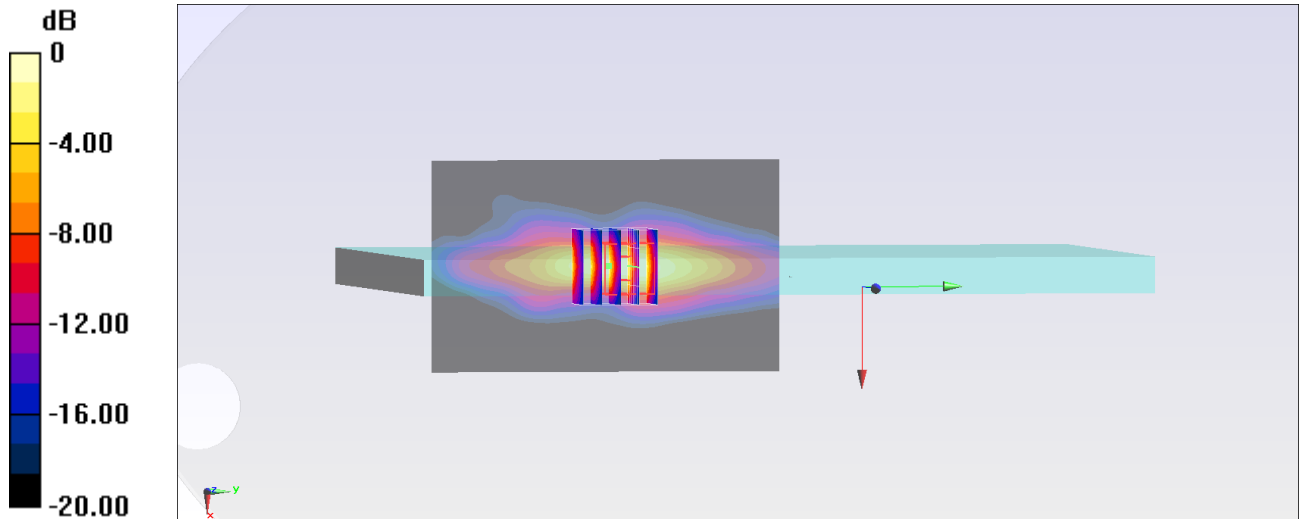
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.60 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 2.00 W/kg



0 dB = 1.86 W/kg = 2.70 dBW/kg

#25_FR1 n70_15M_BPSK_1_1_Edge 4_0mm_Ch340500

Communication System: NR; Frequency: 1702.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220905 Medium parameters used : $f = 1702.5$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.823$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.57, 8.57, 8.57) @ 1702.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 1.16 W/kg

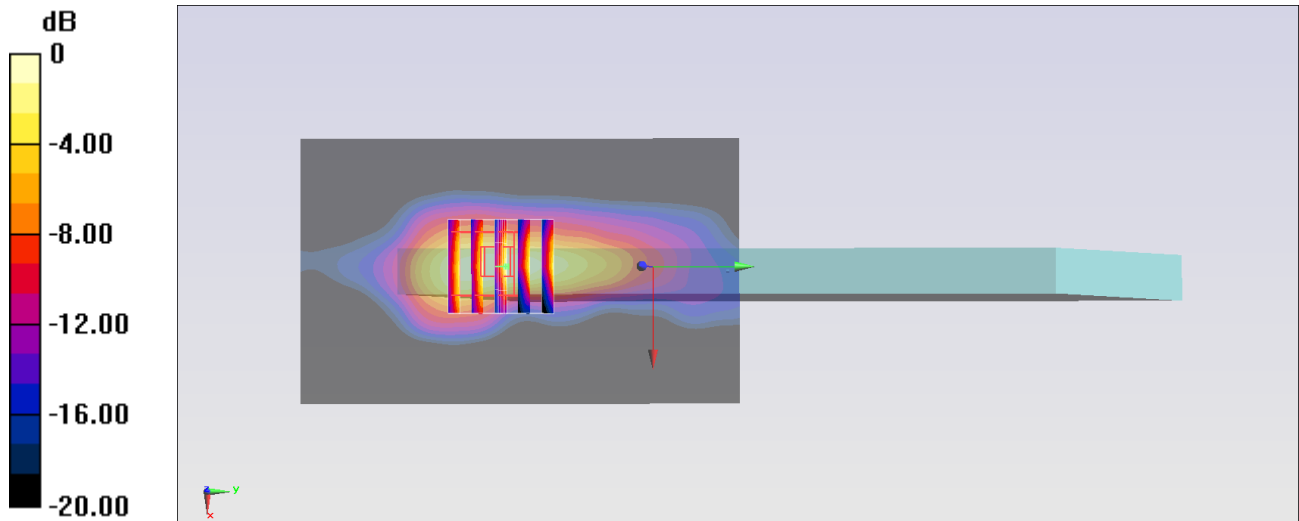
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.07 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.355 W/kg

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



#26_FR1 n71 _20M_BPSK_50_0_Bottom of Laptop_0mm_Ch136100

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

Medium: HSL_750_220904 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 41.389$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(10.52, 10.52, 10.52) @ 680.5 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.18 W/kg

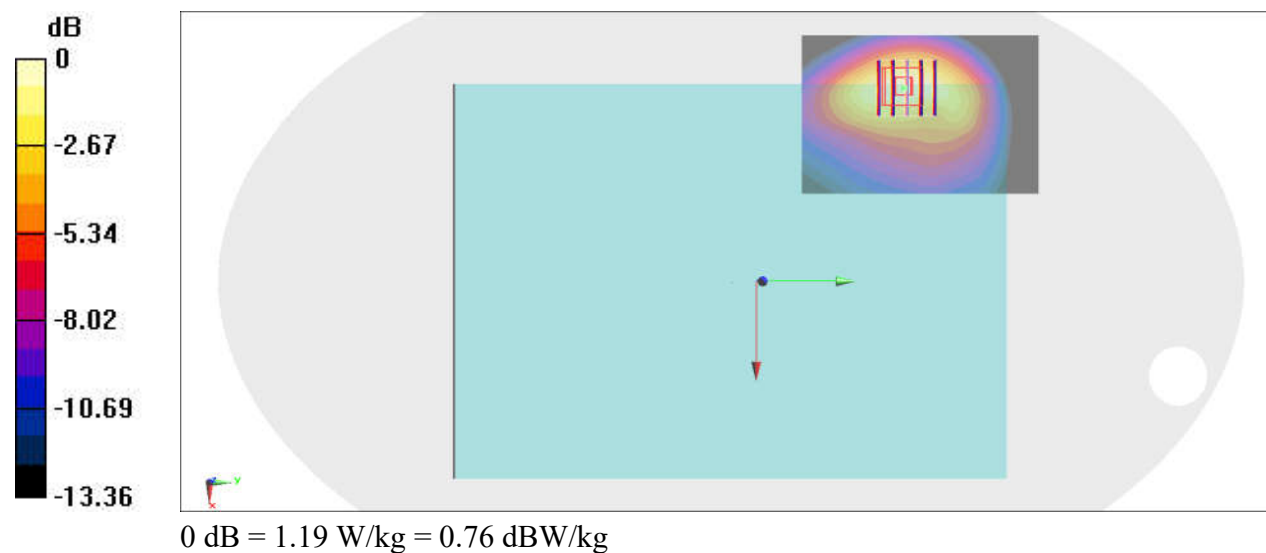
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.87 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.494 W/kg

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



#27_FR1 n41_100M_BPSK_1_1_Bottom of Laptop_0mm_Ch518598

Communication System: NR; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220904 Medium parameters used : $f = 2592.99$ MHz; $\sigma = 2$ S/m; $\epsilon_r = 38.82$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(7.56, 7.56, 7.56) @ 2592.99 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 1.31 W/kg

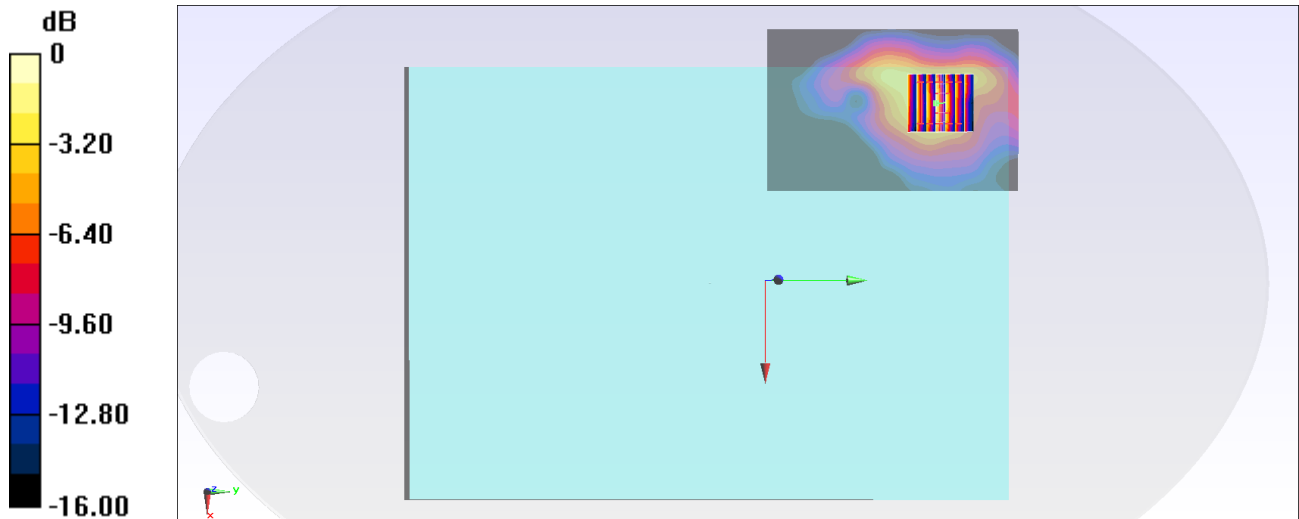
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.86 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



#28_FR1 n48_40M_BPSK_1_1_Edge 4_0mm_Ch641666

Communication System:NR; Frequency: 3624.99 MHz;Duty Cycle: 1:1

Medium: HSL_3700_220907 Medium parameters used: $f = 3625$ MHz; $\sigma = 3.137$ S/m; $\epsilon_r = 37.897$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(6.66, 6.66, 6.66) @ 3624.99 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 1.49 W/kg

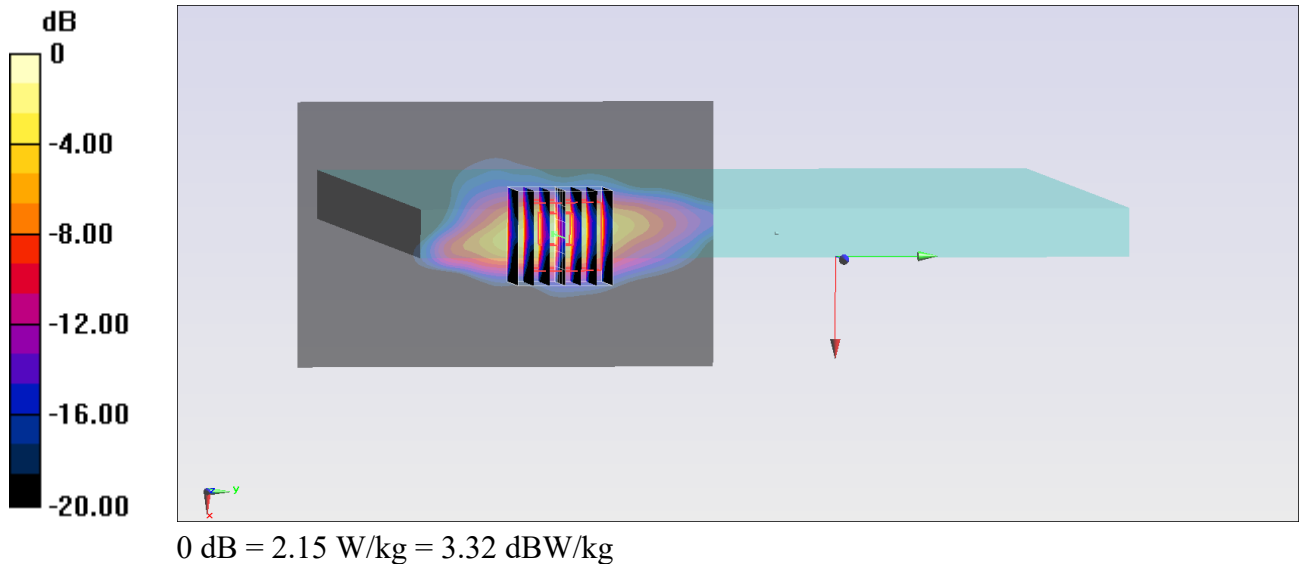
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 5.403 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.80 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 2.15 W/kg



#29_FR1 n77_100M_BPSK_1_1_Edge 3_0mm_Ch656000

Communication System: NR; Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL_3900_220908 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.321$ S/m; $\epsilon_r = 37.482$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(6.39, 6.39, 6.39) @ 3840 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 2.34 W/kg

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

Reference Value = 15.92 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 2.42 W/kg

