

#01_WCDMA II_RMC 12.2Kbps_Bottom of Laptop_0mm_Ch9262

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

Medium: HSL_1900_211211 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 38.882$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.82, 7.82, 7.82) @ 1852.4 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

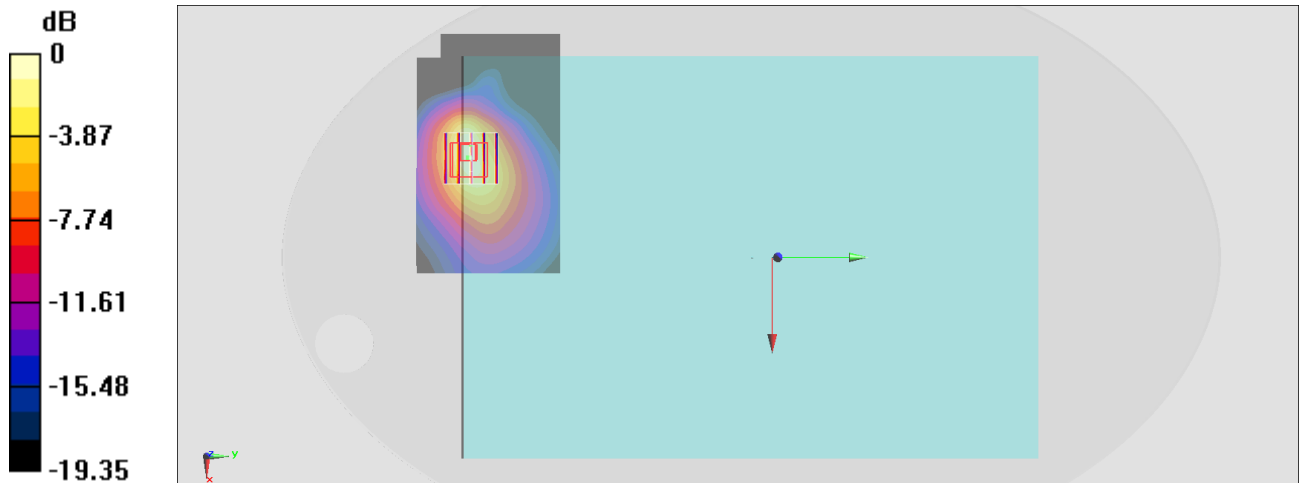
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.60 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.464 W/kg

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



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

#02_WCDMA IV_RMC 12.2Kbps_Bottom of Laptop_0mm_Ch1513

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

Medium: HSL_1750_211211 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 40.225$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(8.09, 8.09, 8.09) @ 1752.6 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

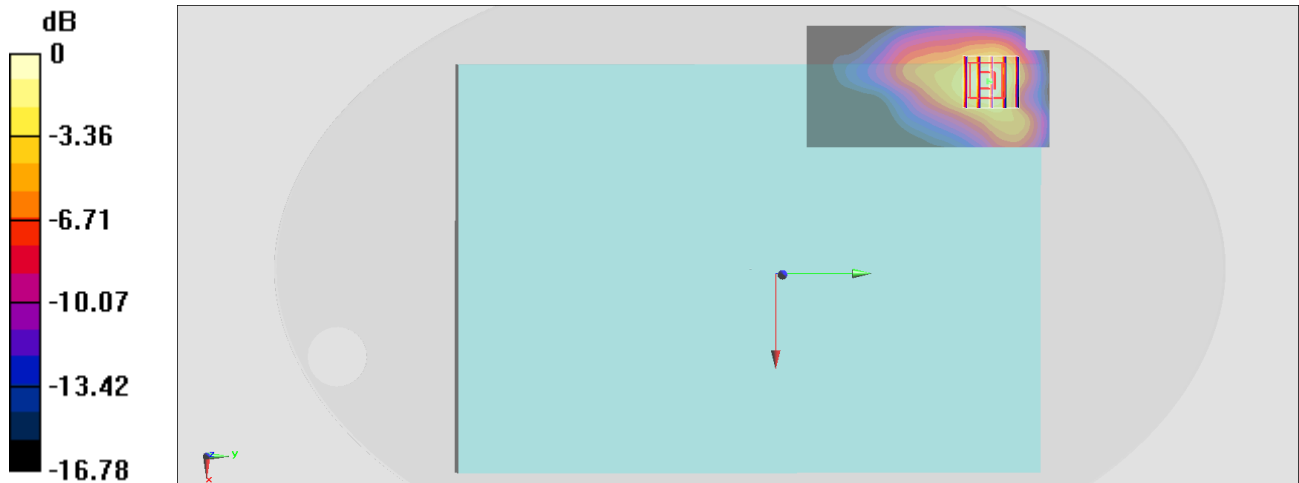
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.09 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.523 W/kg

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



0 dB = 1.27 W/kg = 1.04 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_211212 Medium parameters used: $f = 847$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.399$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(9.54, 9.54, 9.54) @ 846.6 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

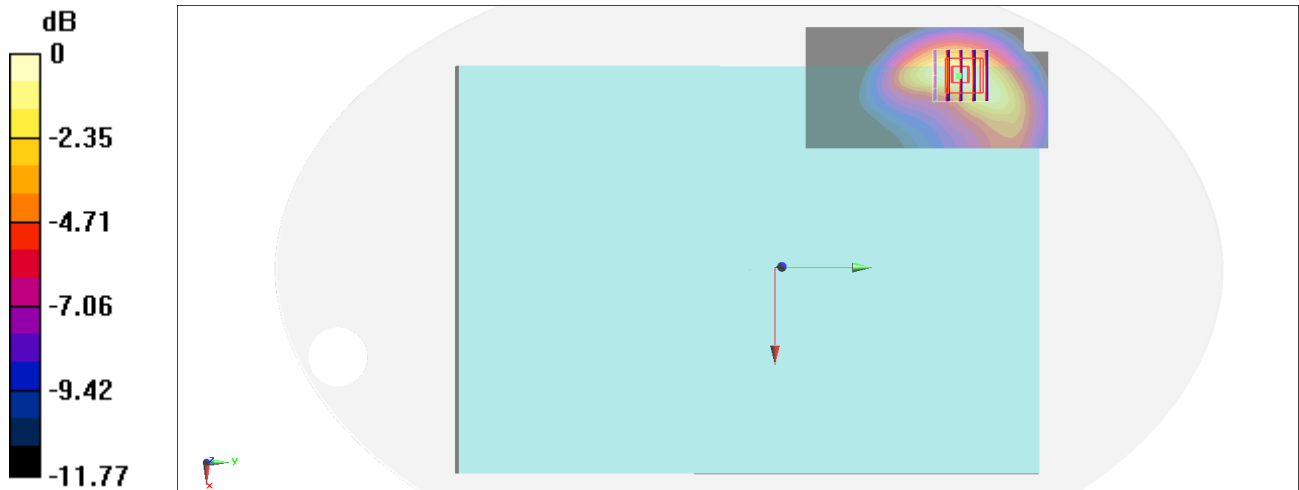
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.94 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

#04_LTE Band 7_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch21350

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

Medium: HSL_2600_211213 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 37.962$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2560 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

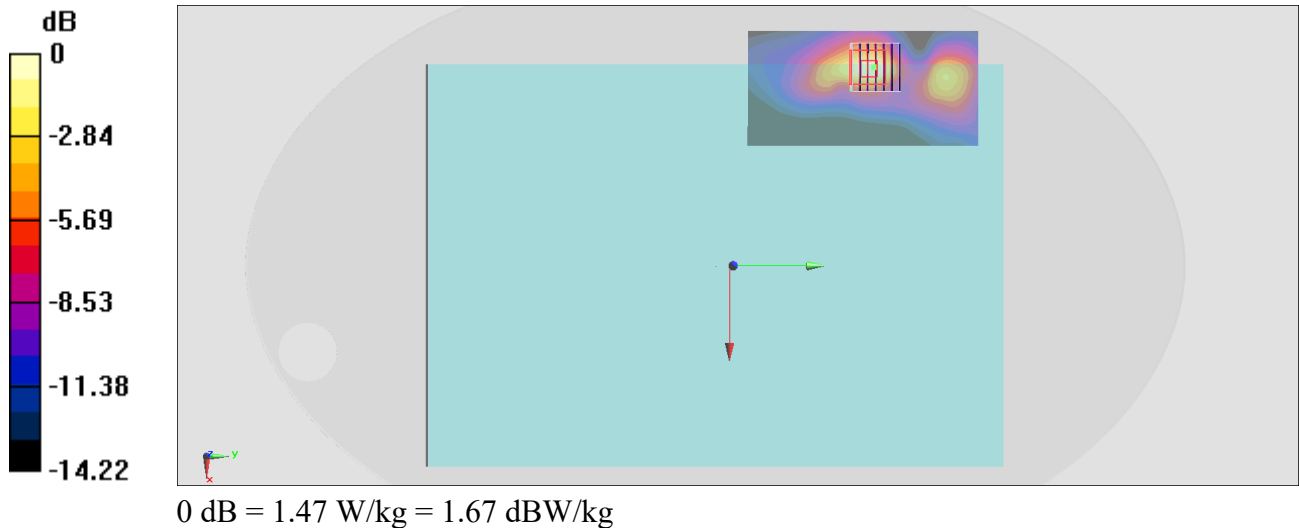
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.27 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 1.47 W/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_211212 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 43.084$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 707.5 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

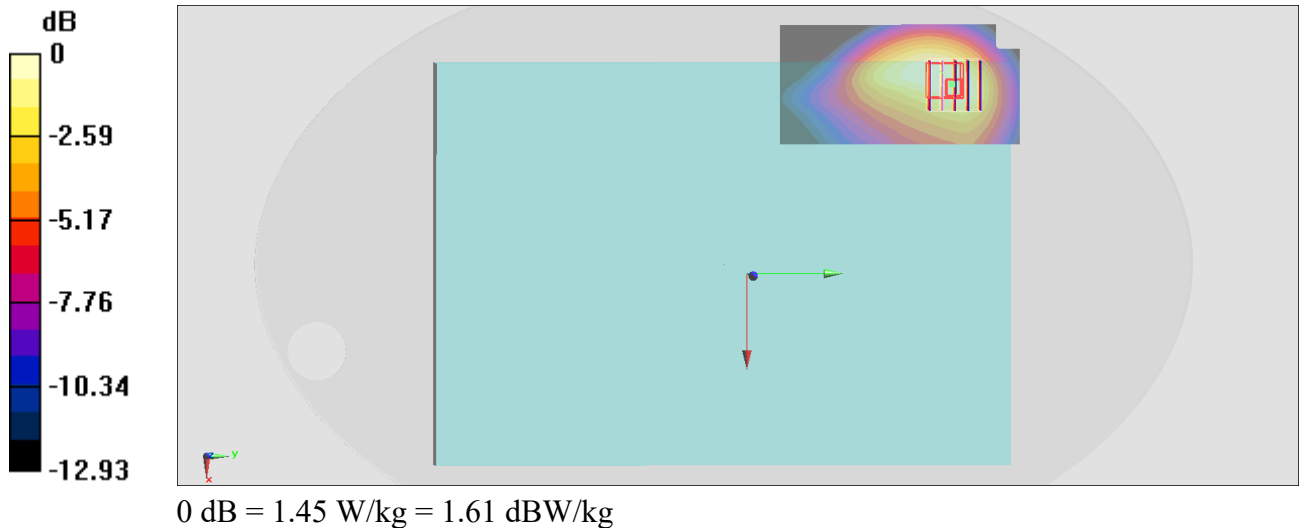
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.90 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.695 W/kg

Maximum value of SAR (measured) = 1.45 W/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_211212 Medium parameters used: $f = 782$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 42.609$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 782 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

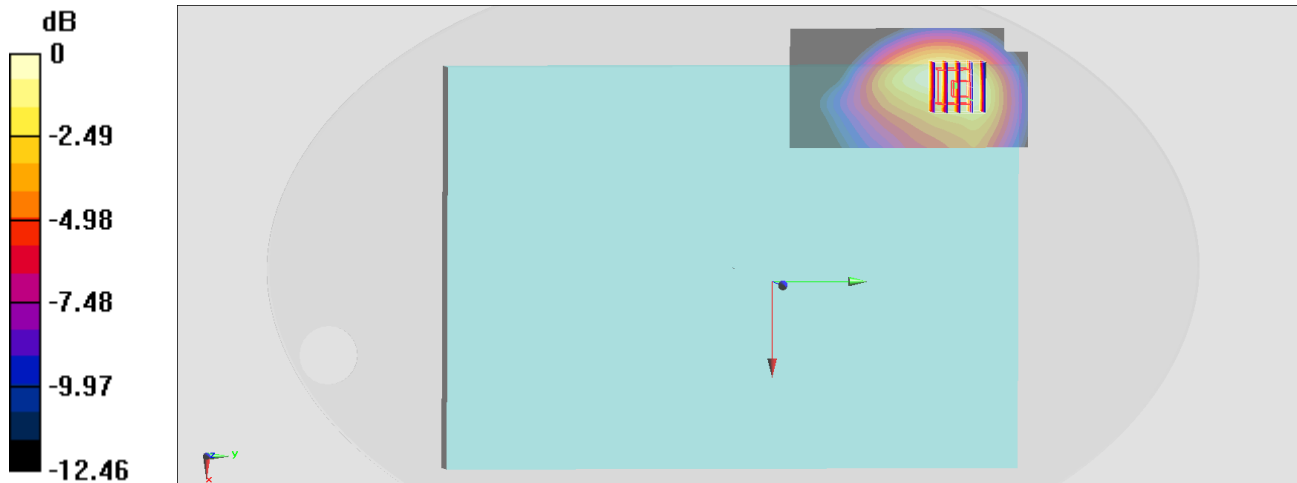
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.77 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.558 W/kg

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



0 dB = 1.14 W/kg = 0.57 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_211212 Medium parameters used: $f = 793$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 793 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

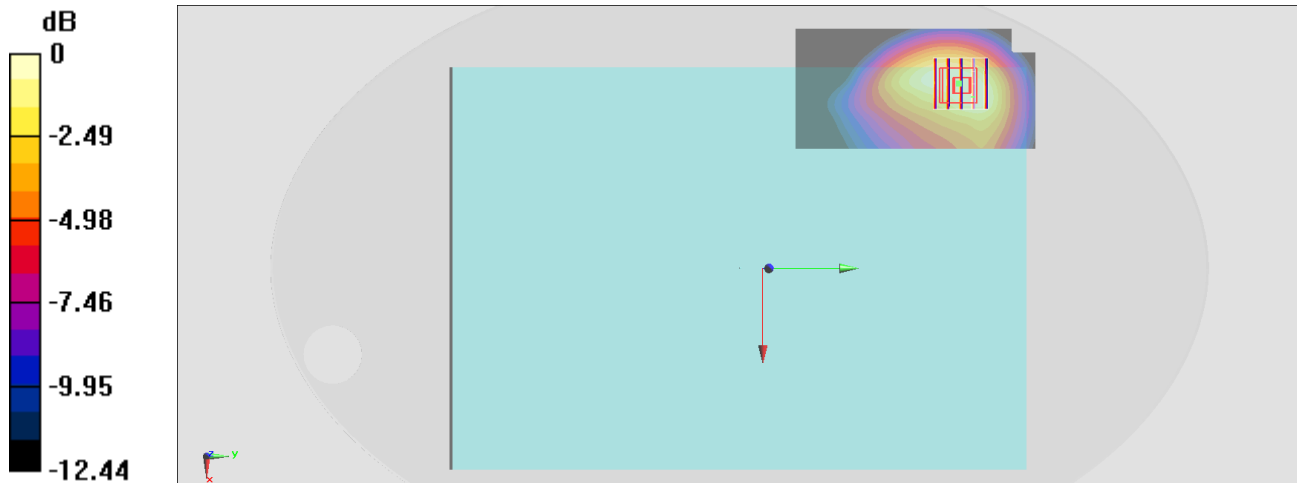
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.24 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.516 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

#08_LTE Band 25_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch26340

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

Medium: HSL_1900_211211 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 38.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.82, 7.82, 7.82) @ 1880 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

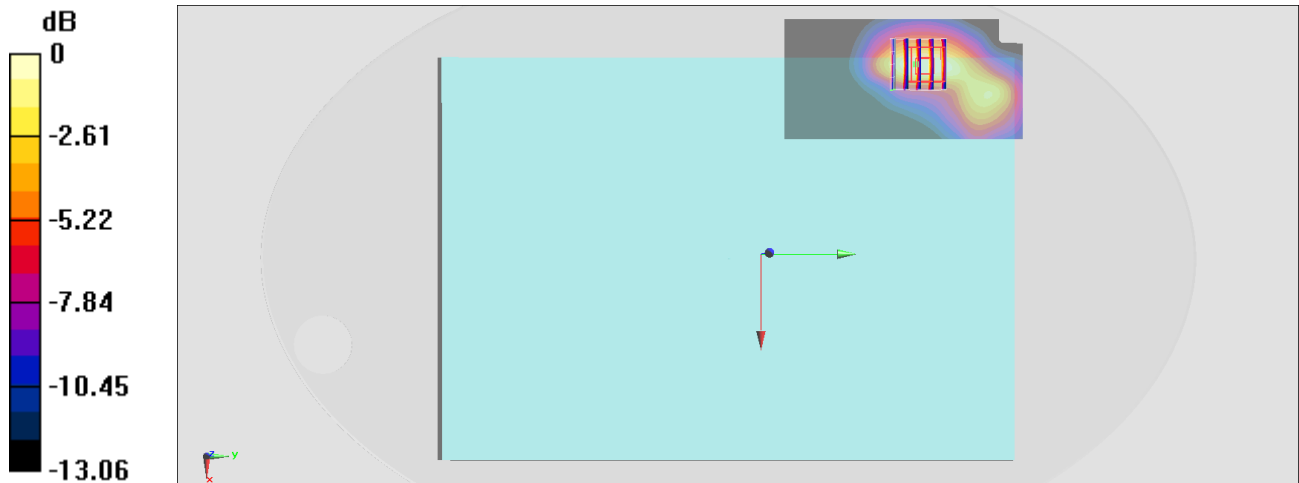
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.91 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.523 W/kg

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



0 dB = 1.25 W/kg = 0.97 dBW/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_211212 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 42.505$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(9.54, 9.54, 9.54) @ 831.5 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

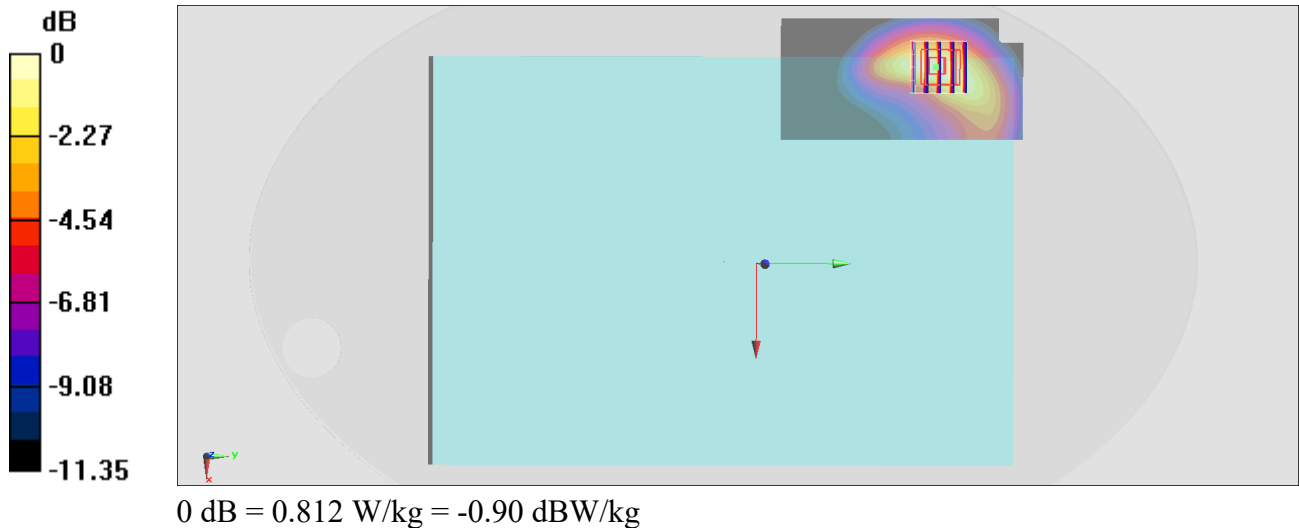
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.31 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.812 W/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_211213 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.627$ S/m; $\epsilon_r = 38.733$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.58, 7.58, 7.58) @ 2310 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

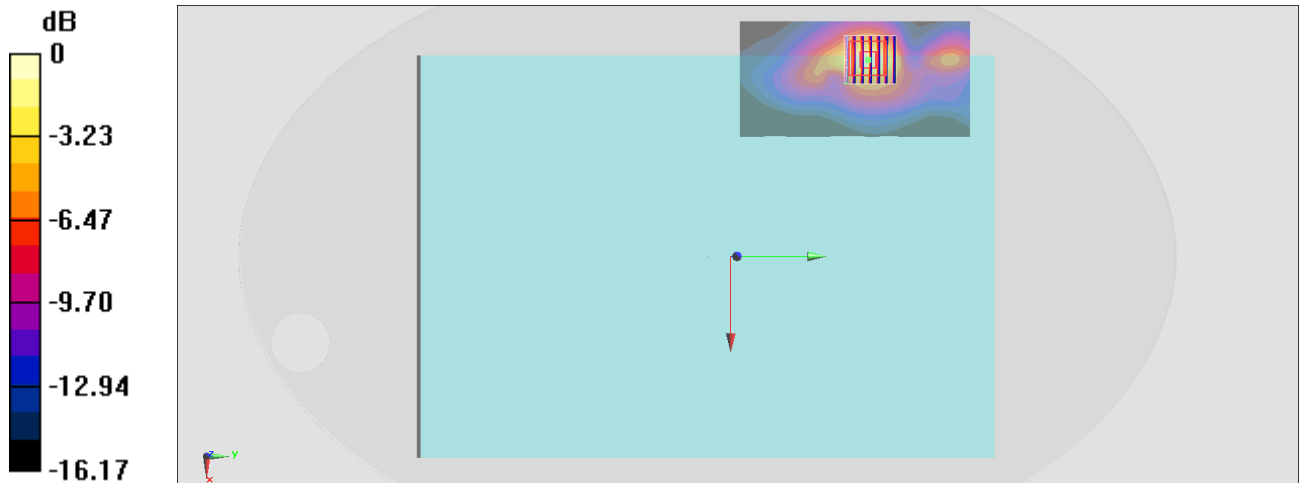
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.52 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.481 W/kg

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



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

#11_LTE Band 66_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch132072

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750_211211 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 40.344$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(8.09, 8.09, 8.09) @ 1720 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

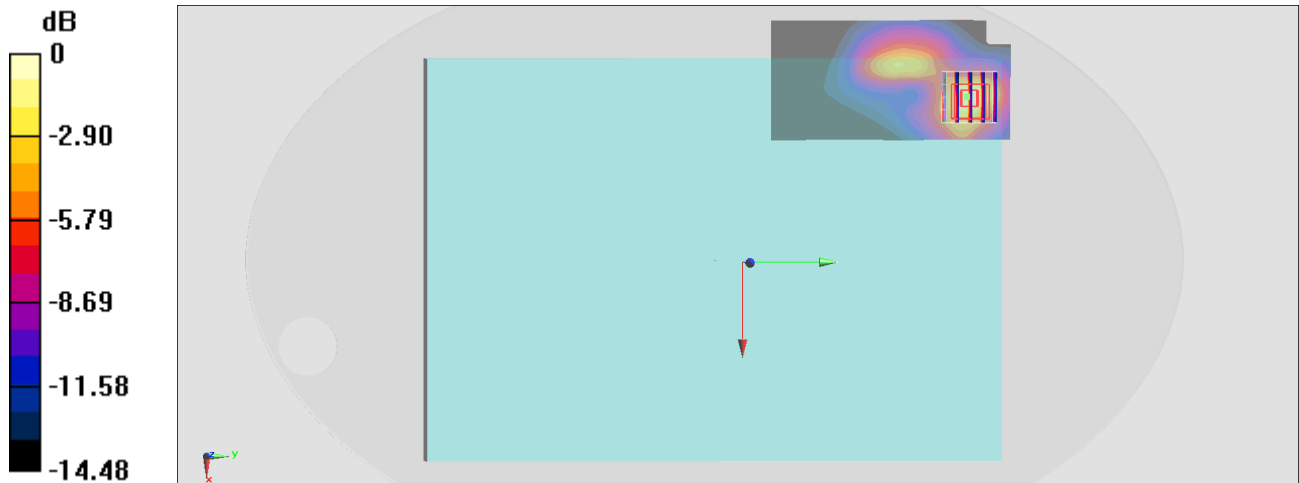
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.74 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.454 W/kg

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



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

#12_LTE Band 71_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch133322

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL_750_211212 Medium parameters used: $f = 683$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 43.182$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 683 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.657 W/kg

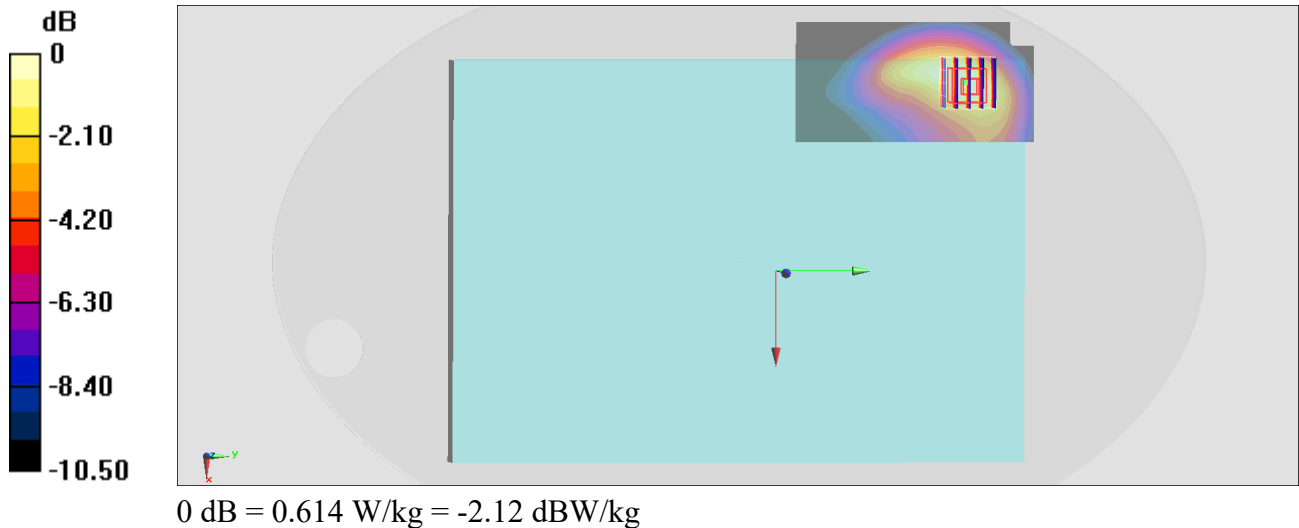
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.44 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.614 W/kg



#13_LTE Band 38_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch38150

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

Medium: HSL_2600_211217 Medium parameters used : $f = 2610$ MHz; $\sigma = 1.969$ S/m; $\epsilon_r = 37.347$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2610 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

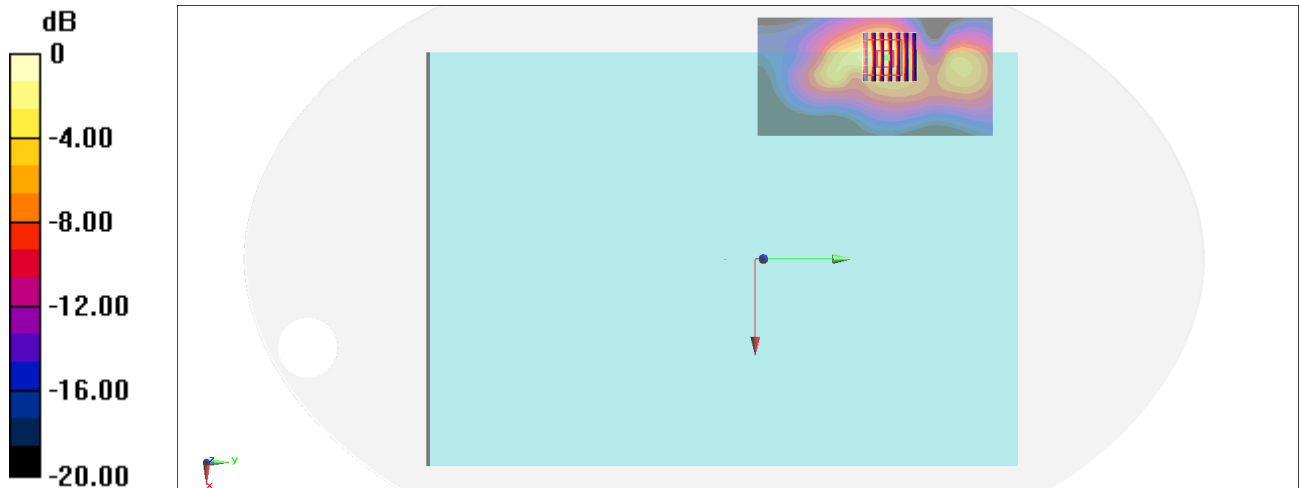
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.96 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

#14_LTE Band 41_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch41490

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

Medium: HSL_2600_211213 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.055$ S/m; $\epsilon_r = 37.219$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2680 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

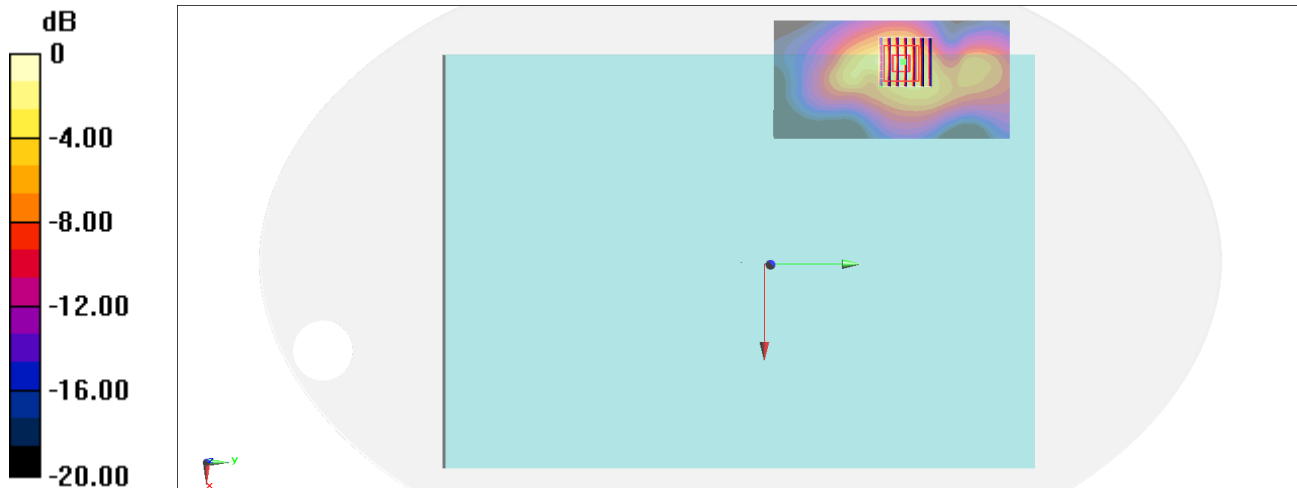
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.52 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.342 W/kg

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



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

#15_LTE Band 48_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch55340

Communication System: LTE; Frequency: 3560 MHz; Duty Cycle: 1:1.59

Medium: HSL_3300-4200_211216 Medium parameters used: $f = 3560$ MHz; $\sigma = 3.054$ S/m; $\epsilon_r = 38.354$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.06, 7.06, 7.06) @ 3560 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.929 W/kg

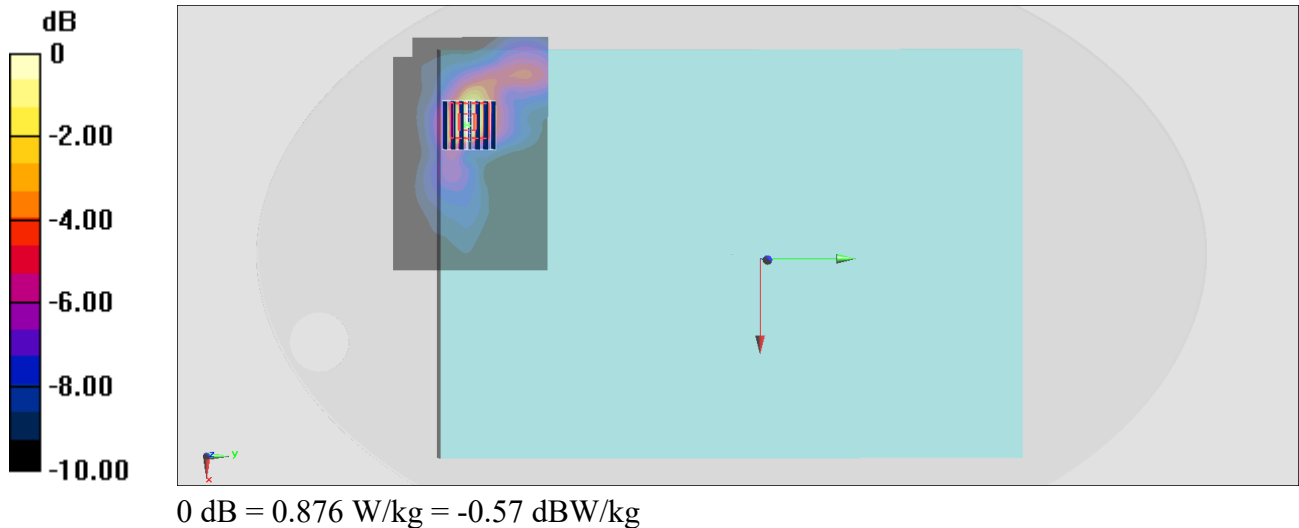
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 16.30 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.876 W/kg



#16_FR1 n5_20M_BPSK_1_53_Bottom of Laptop_0mm_Ch167300

Communication System: FR1; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_211212 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 42.478$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(9.54, 9.54, 9.54) @ 836.5 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.963 W/kg

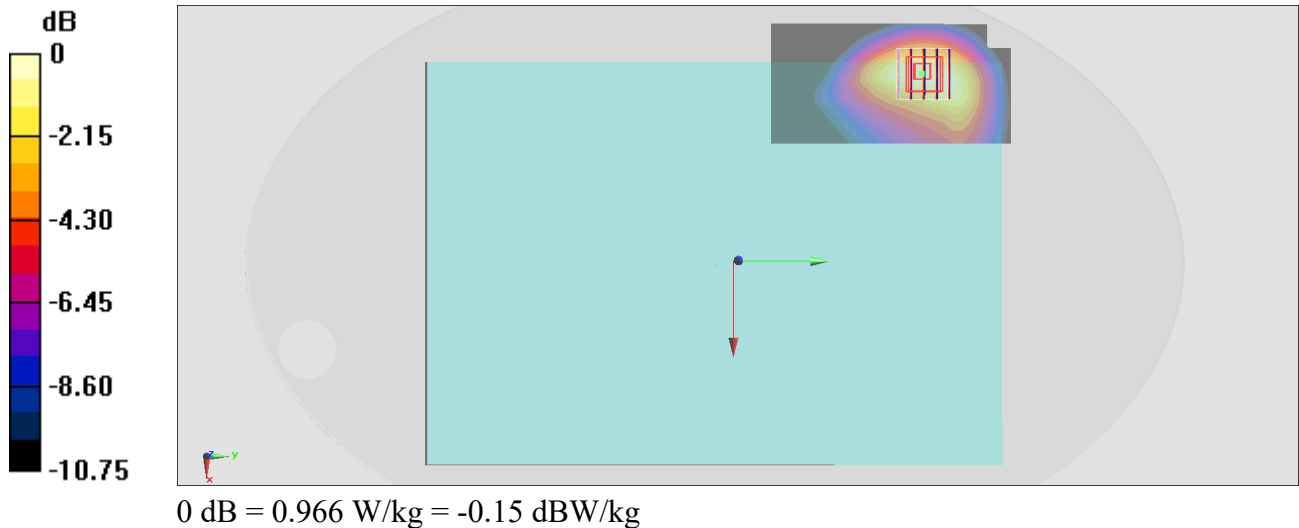
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.07 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.457 W/kg

Maximum value of SAR (measured) = 0.966 W/kg



#17_FR1 n7_20M_BPSK_1_53_Bottom of Laptop_0mm_Ch502000

Communication System: FR1; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL_2600_211215 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.875$ S/m; $\epsilon_r = 38.087$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2510 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

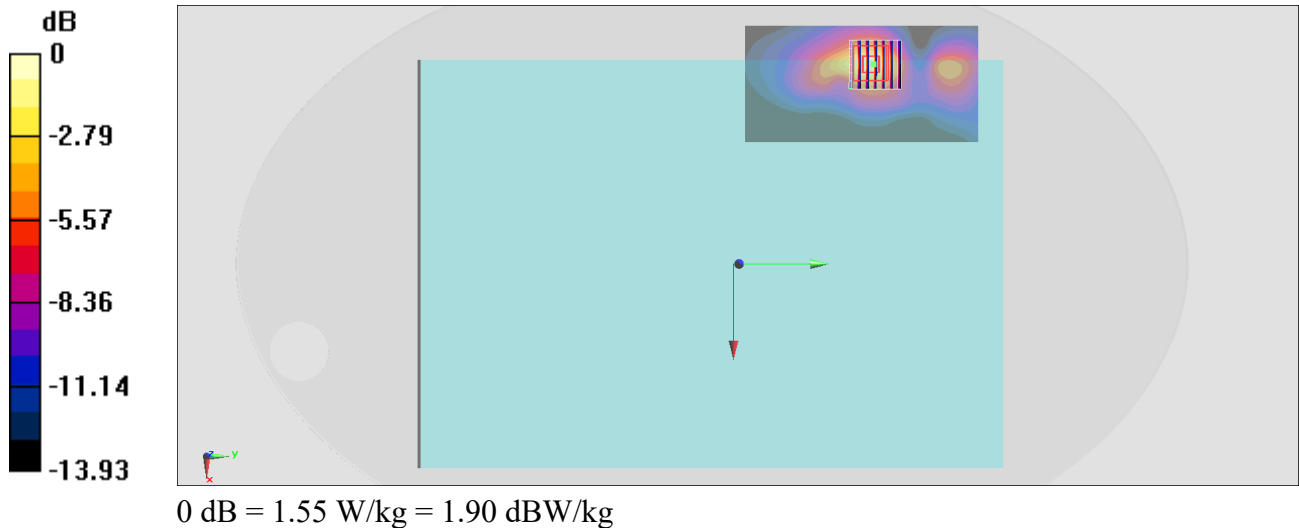
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.18 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.505 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



#18_FR1_n25_20M_BPSK_1_53_Bottom of Laptop_0mm_Ch372000

Communication System: FR1; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_211214 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.82, 7.82, 7.82) @ 1860 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

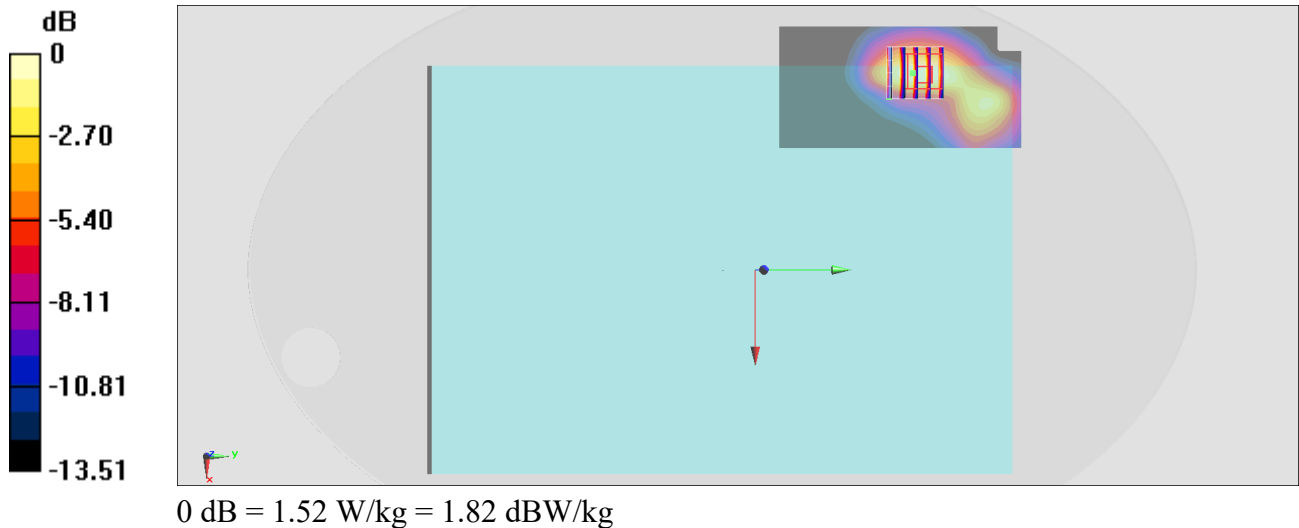
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.21 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.626 W/kg

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



#19_FR1_n30_10M_BPSK_1_26_Bottom of Laptop_0mm_Ch462000

Communication System: FR1; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300_211215 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.636$ S/m; $\epsilon_r = 38.853$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.58, 7.58, 7.58) @ 2310 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

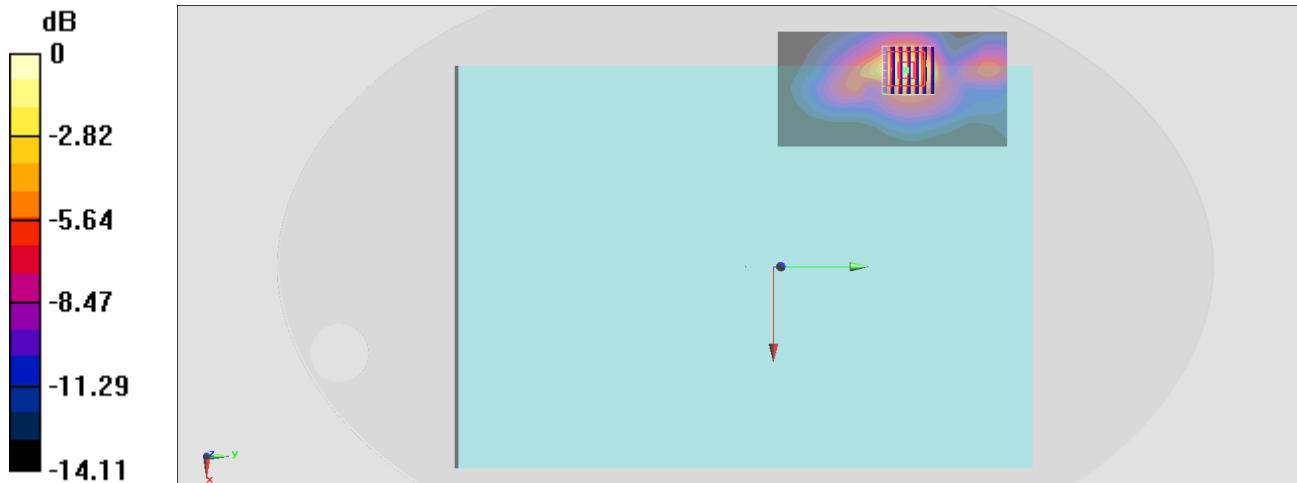
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.08 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.465 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

#20_FR1 n66_40M_BPSK_1_108_Bottom of Laptop_0mm_Ch352000

Communication System: FR1; Frequency: 1760 MHz; Duty Cycle: 1:1

Medium: HSL_1750_211214 Medium parameters used: $f = 1760$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 40.317$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(8.09, 8.09, 8.09) @ 1760 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

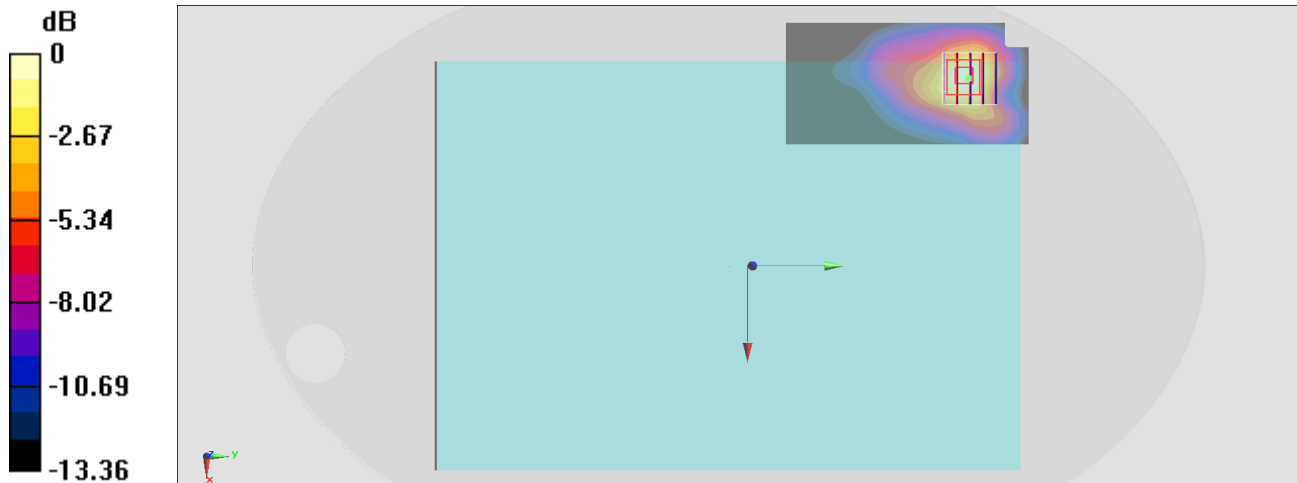
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.95 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.584 W/kg

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



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

#21_FR1_n71_20M_BPSK_1_53_Bottom of Laptop_0mm_Ch136100

Communication System: FR1; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_211212 Medium parameters used : $f = 680.5$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 43.196$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 680.5 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

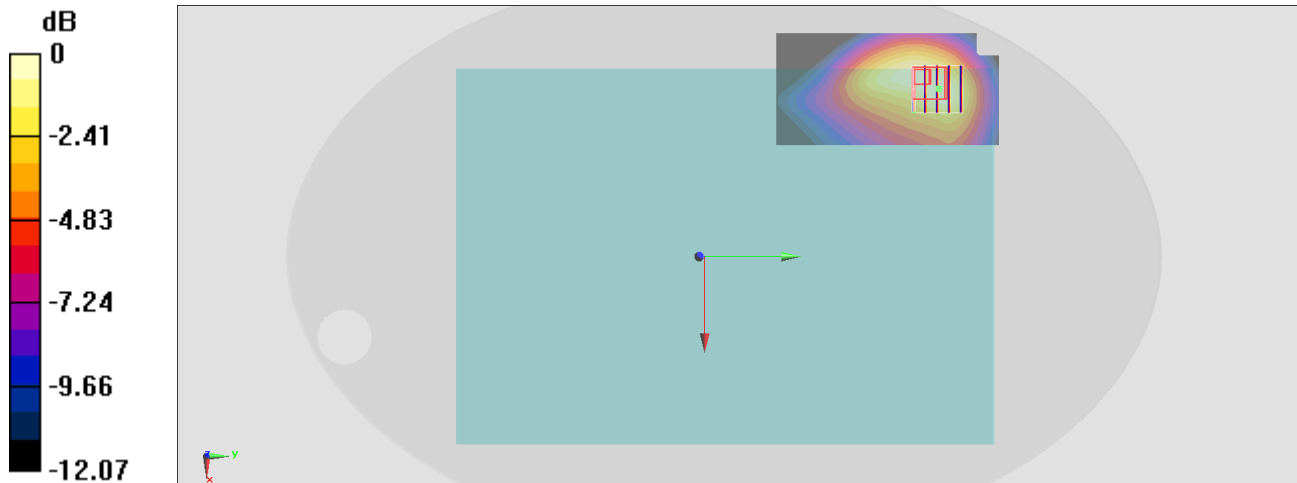
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.30 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.648 W/kg

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



0 dB = 1.40 W/kg = 1.46 dBW/kg

#22_FR1 n38_20M_BPSK_1_26_Bottom of Laptop_0mm_Ch519000

Communication System: FR1; Frequency: 2595 MHz; Duty Cycle: 1:1

Medium: HSL_2600_211217 Medium parameters used : $f = 2595$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 37.516$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2595 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

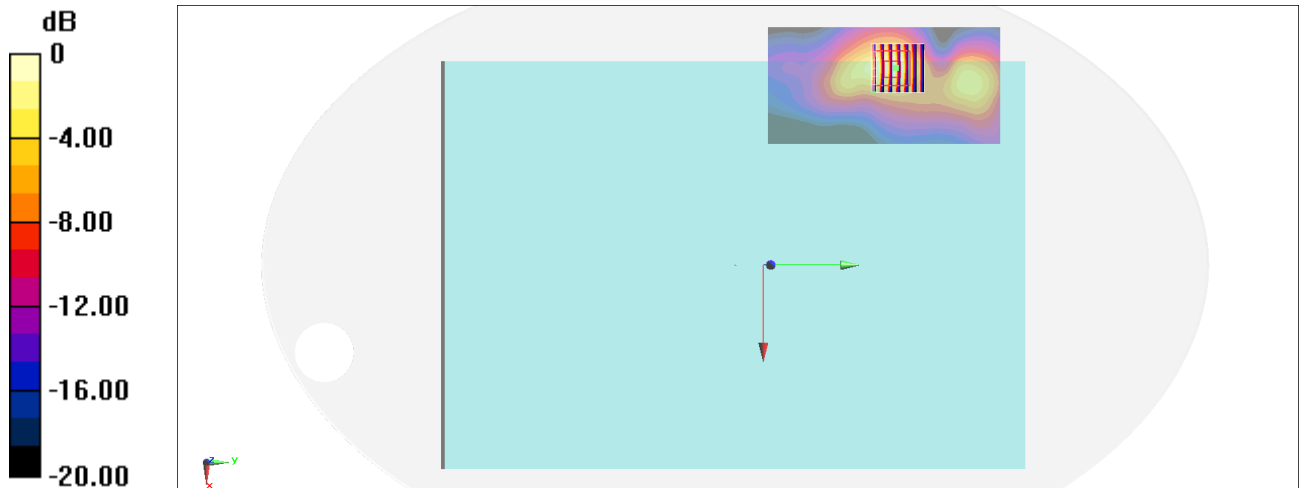
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.25 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.509 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



0 dB = 1.70 W/kg = 2.30 dBW/kg

#23_FR1 n41_100M_BPSK_135_69_Bottom of Laptop_0mm_Ch518598

Communication System: FR1; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL_2600_211217 Medium parameters used : $f = 2592.99$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 37.564$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2592.99 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v4.0_Left; Type: QDOVA002AA; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

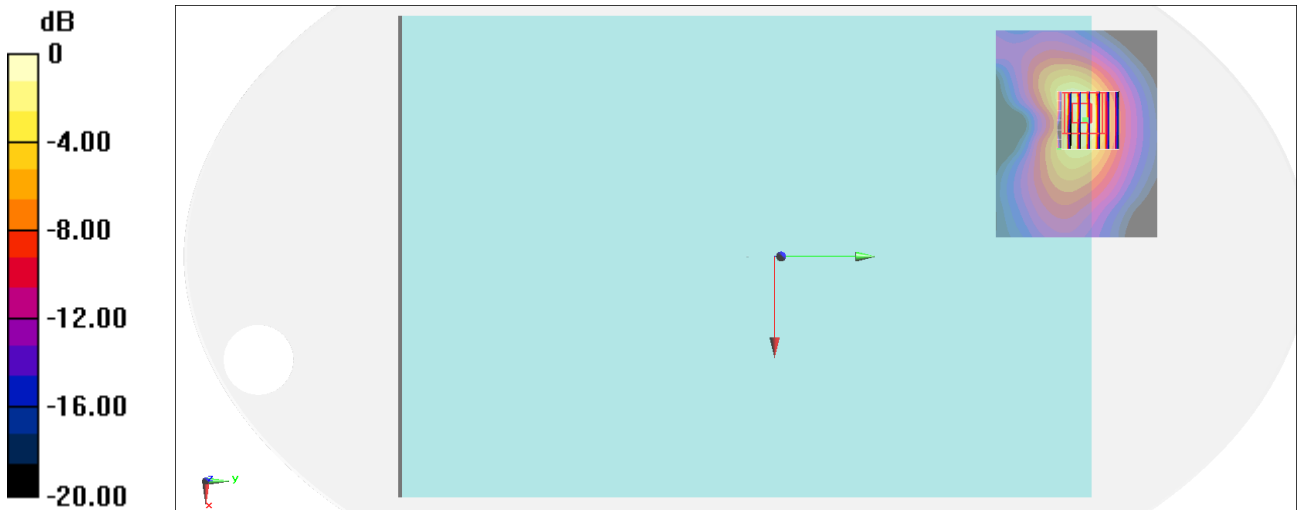
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.59 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.505 W/kg

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



0 dB = 1.80 W/kg = 2.55 dBW/kg

#24_FR1_n77_100M_BPSK_1_137_Bottom of Laptop_0mm_Ch656000

Communication System: FR1; Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL_3300-4200_211216 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.353$ S/m; $\epsilon_r = 38.089$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.81, 6.81, 6.81) @ 3840 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

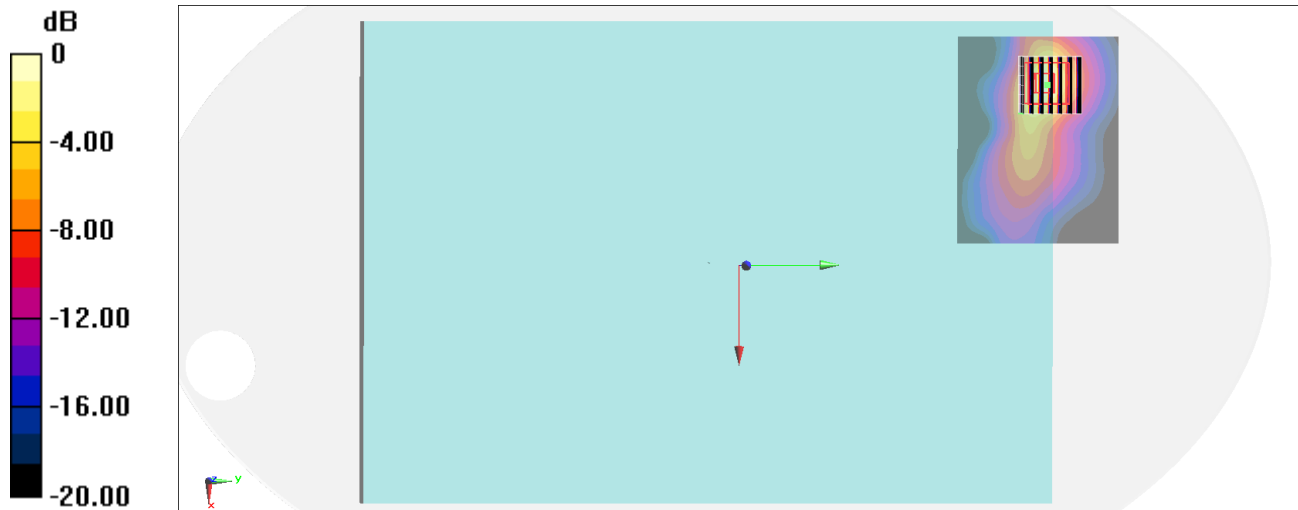
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 13.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.410 W/kg

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



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