

#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_230516 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 40.665$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(8.42, 8.42, 8.42) @ 1852.4 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

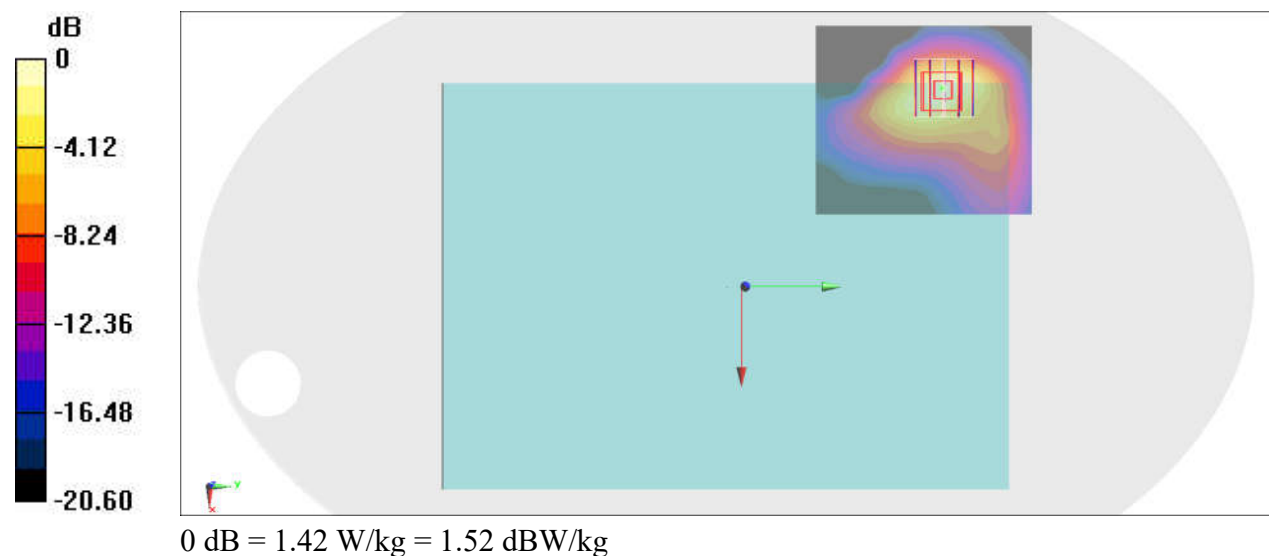
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.17 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.495 W/kg

Maximum value of SAR (measured) = 1.42 W/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_230516 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.345$ S/m; $\epsilon_r = 40.881$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(8.86, 8.86, 8.86) @ 1712.4 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

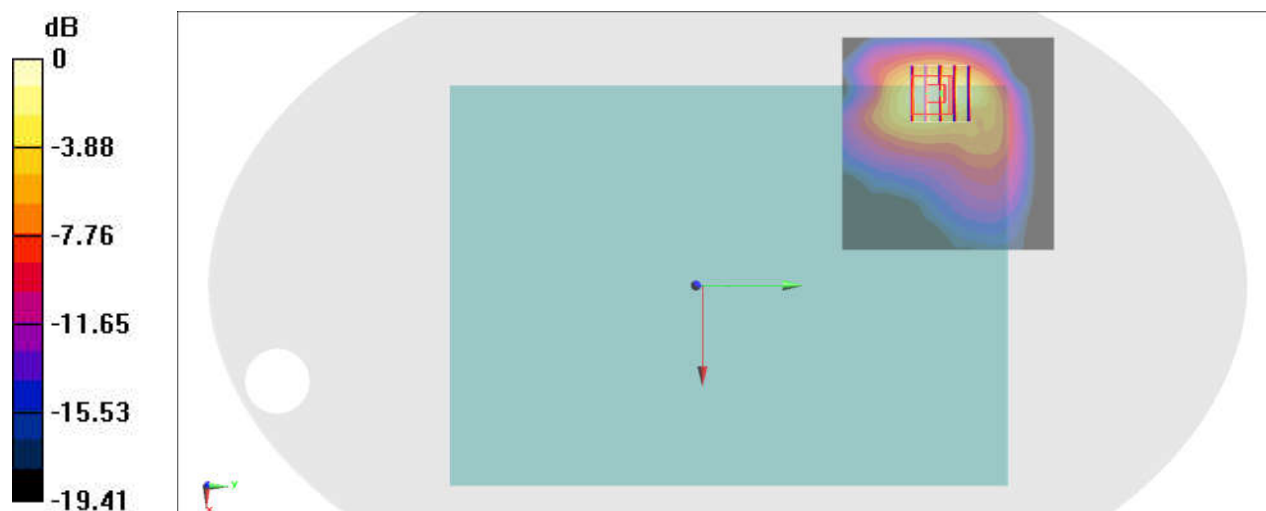
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.85 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.546 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 of Laptop_0mm_Ch4233

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

Medium: HSL_850_230516 Medium parameters used: $f = 847$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.619$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.57, 9.57, 9.57) @ 846.6 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

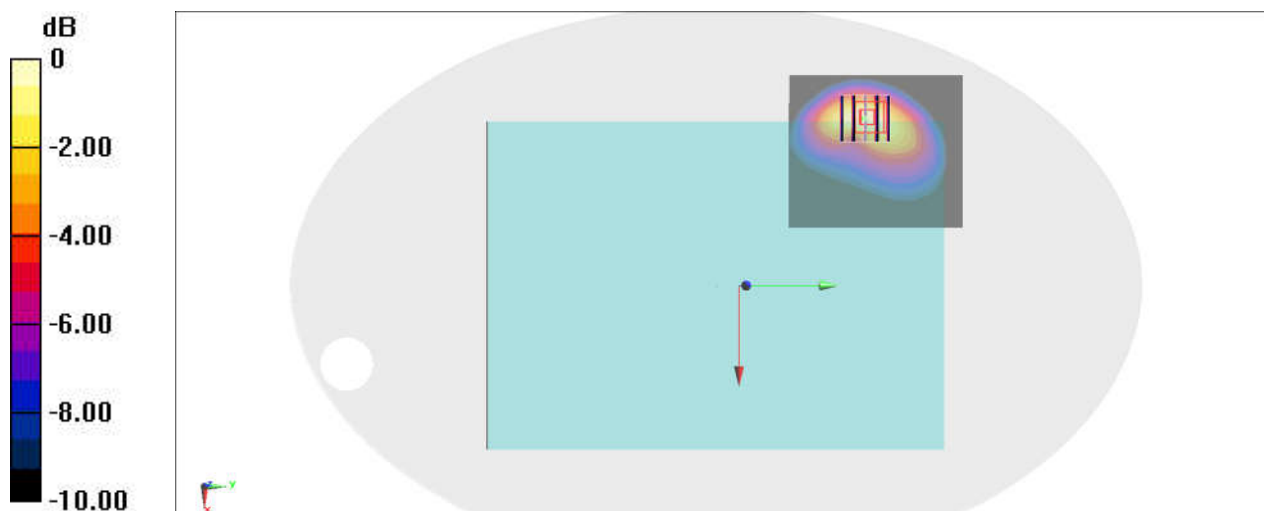
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.02 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.466 W/kg

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



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

#04_LTE Band 7_20M_QPSK_1_0_Bottom of Laptop_10mm_Ch20850

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

Medium: HSL_2600_230516 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.928$ S/m; $\epsilon_r = 40.571$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(7.47, 7.47, 7.47) @ 2510 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.848 W/kg

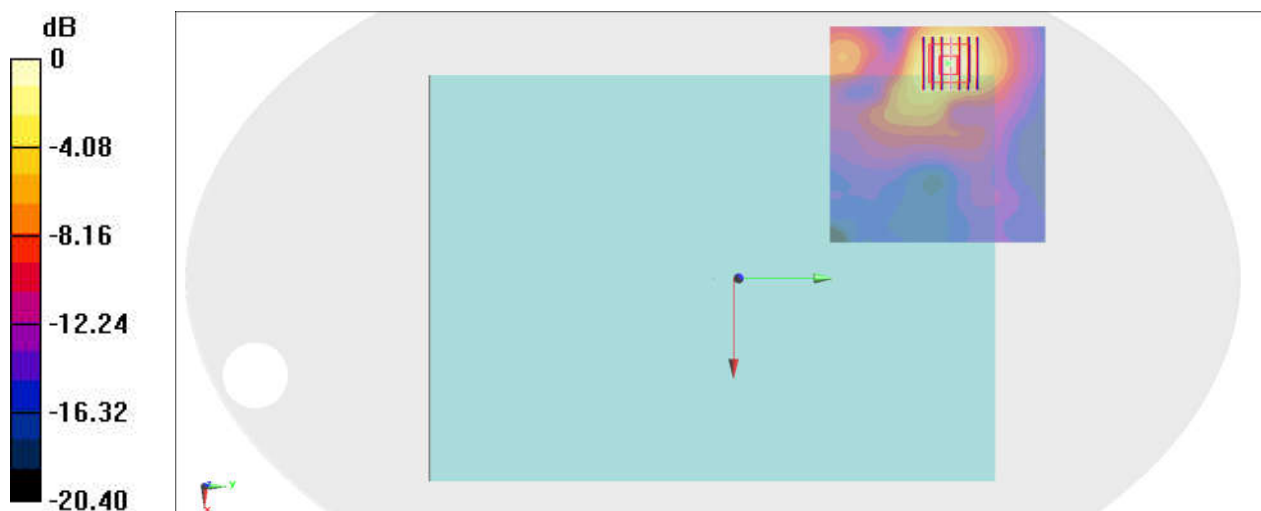
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.52 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.832 W/kg



0 dB = 0.832 W/kg = -0.80 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_230516 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.304$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.82, 9.82, 9.82) @ 707.5 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.863 W/kg

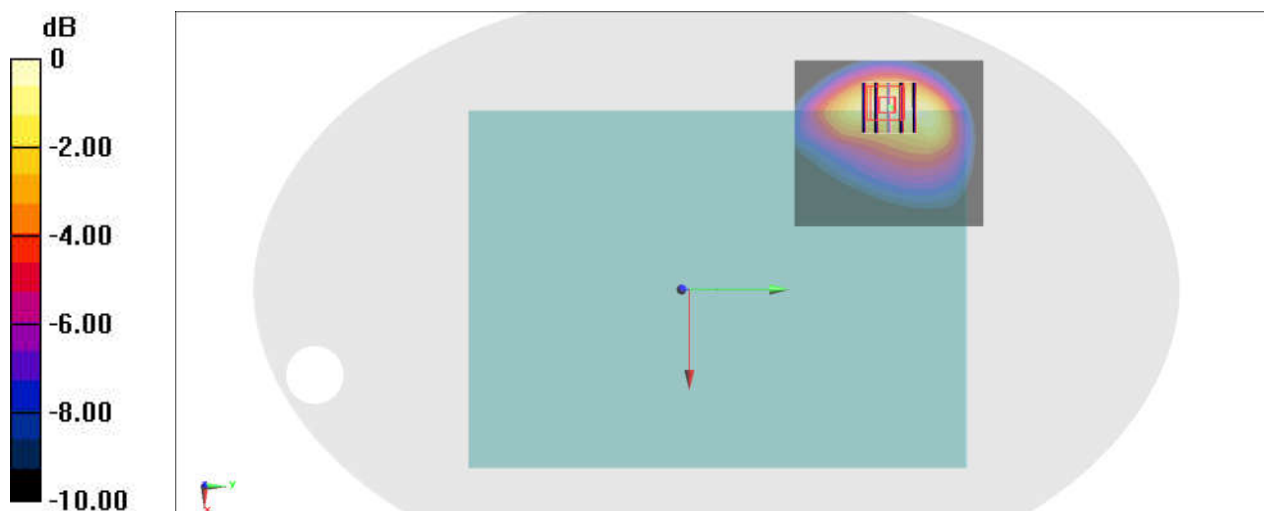
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.51 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 0.866 W/kg



0 dB = 0.863 W/kg = -0.64 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_230516 Medium parameters used: $f = 782$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.829$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.82, 9.82, 9.82) @ 782 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.03 W/kg

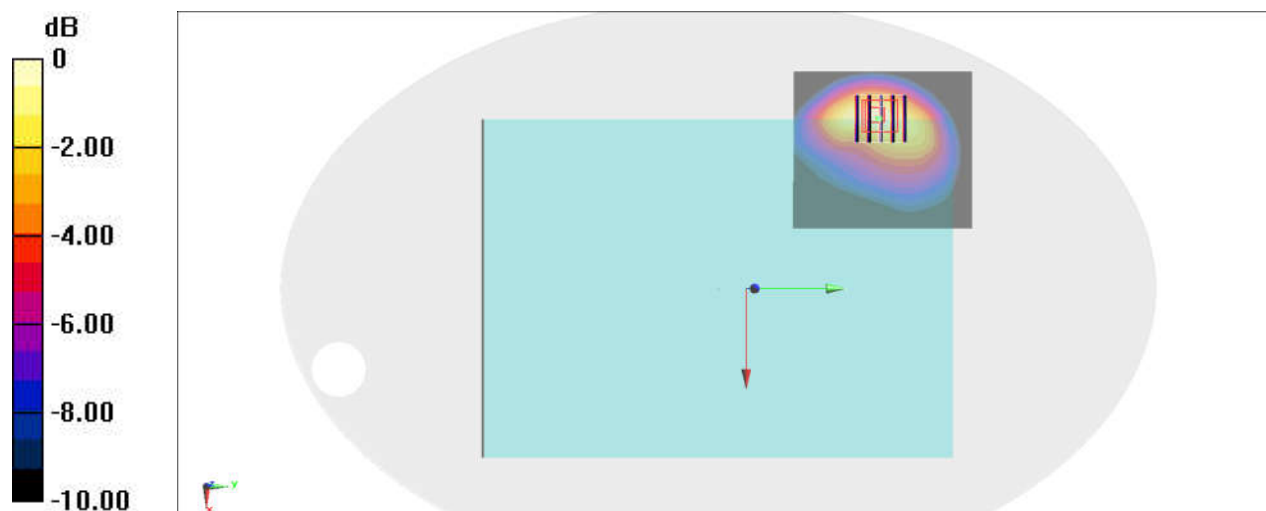
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.74 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.416 W/kg

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



0 dB = 1.03 W/kg = 0.13 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_230516 Medium parameters used: $f = 793$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 42.791$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.82, 9.82, 9.82) @ 793 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.992 W/kg

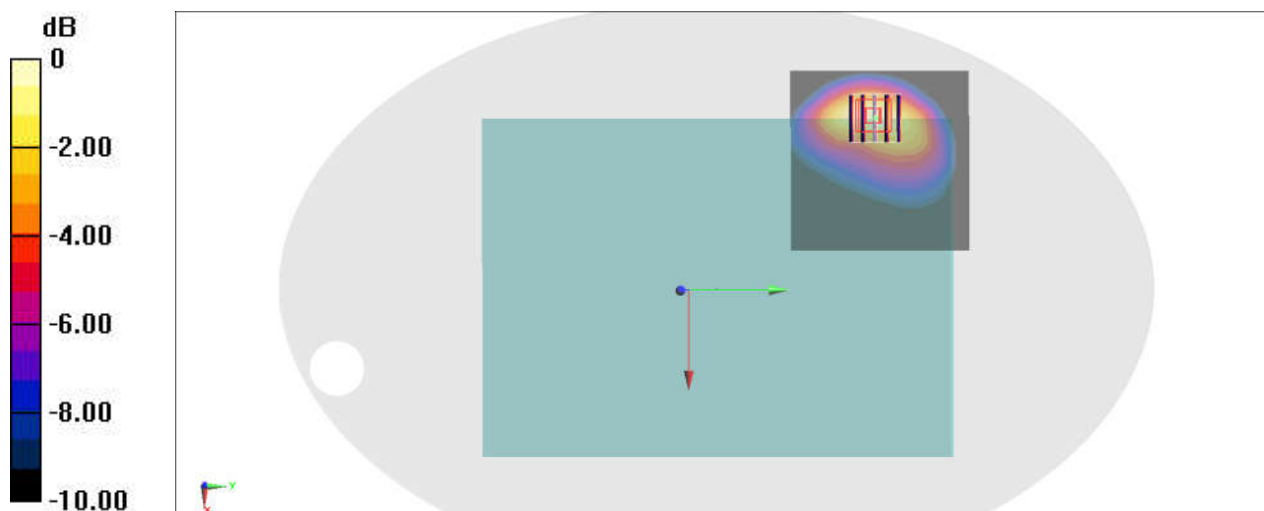
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.08 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 0.992 W/kg = -0.03 dBW/kg

#08_LTE Band 25_20M_QPSK_1_49_Bottom of Laptop_0mm_Ch26140

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

Medium: HSL_1900_230516 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.642$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(8.42, 8.42, 8.42) @ 1860 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

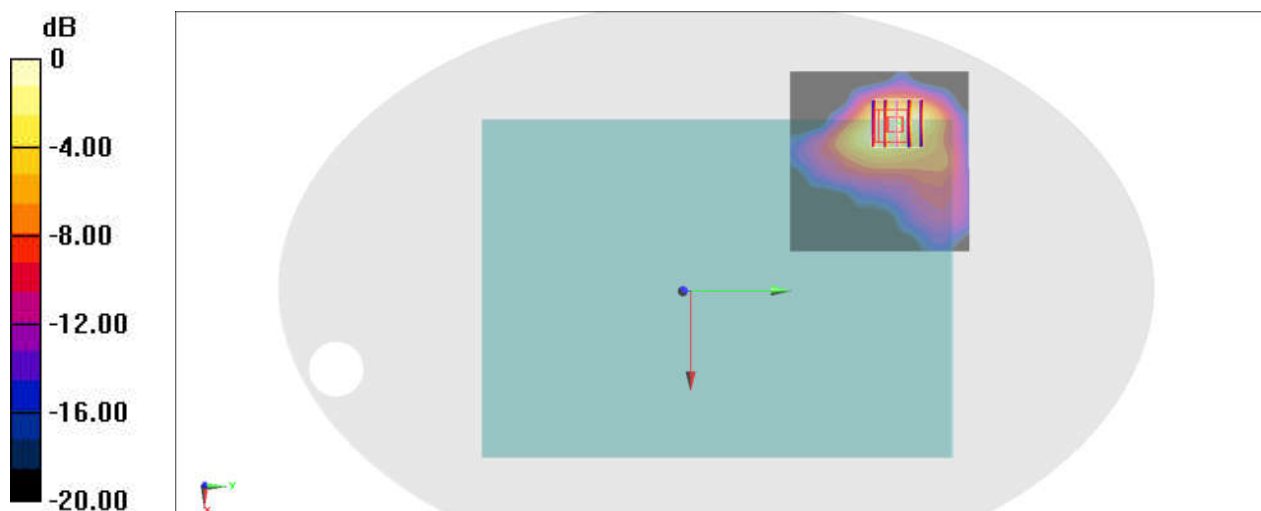
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.41 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.384 W/kg

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



0 dB = 1.04 W/kg = 0.17 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_230516 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 42.725$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.57, 9.57, 9.57) @ 831.5 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.903 W/kg

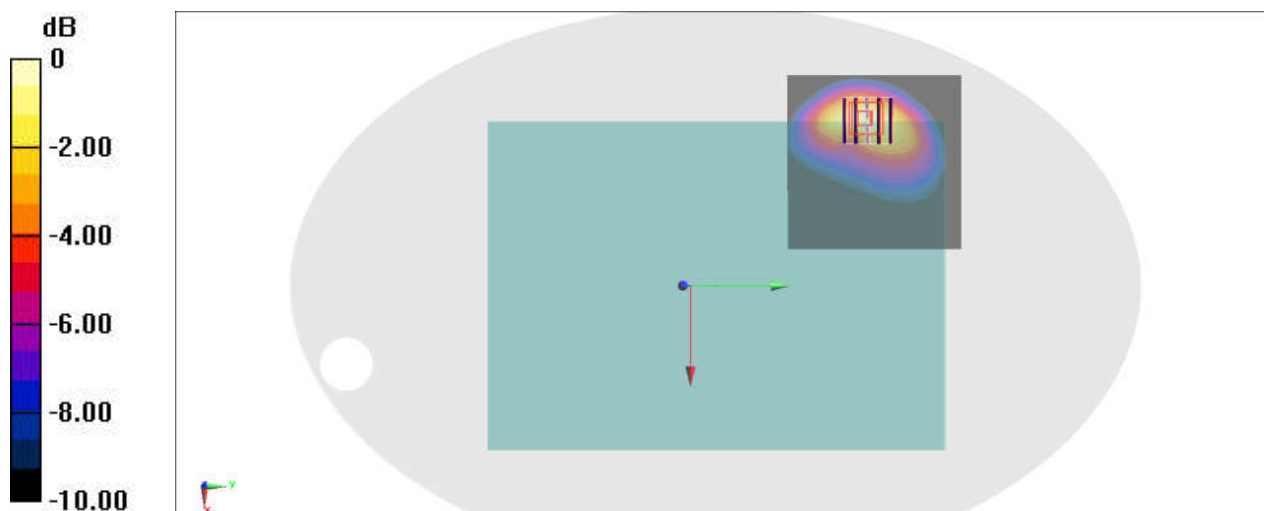
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 33.79 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.374 W/kg

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



0 dB = 0.903 W/kg = -0.44 dBW/kg

#10_LTE Band 66_20M_QPSK_1_49_Bottom of Laptop_0mm_Ch132572

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

Medium: HSL_1750_230516 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 40.665$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(8.86, 8.86, 8.86) @ 1770 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.889 W/kg

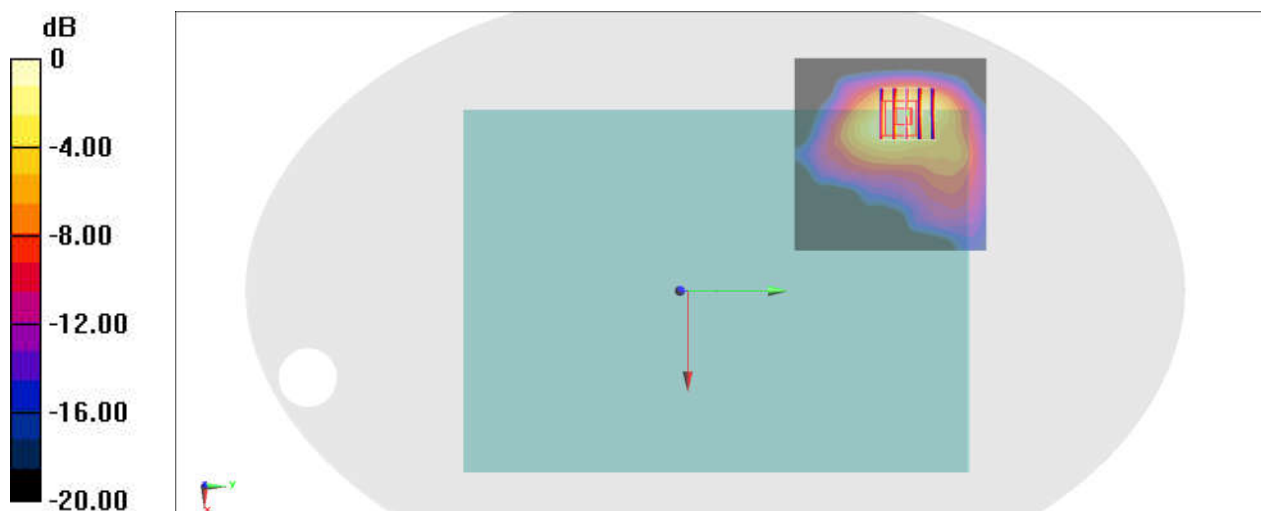
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.63 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 0.889 W/kg = -0.51 dBW/kg

#11_LTE Band 71_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch133297

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

Medium: HSL_750_230516 Medium parameters used : $f = 680.5$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 43.416$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(9.82, 9.82, 9.82) @ 680.5 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.572 W/kg

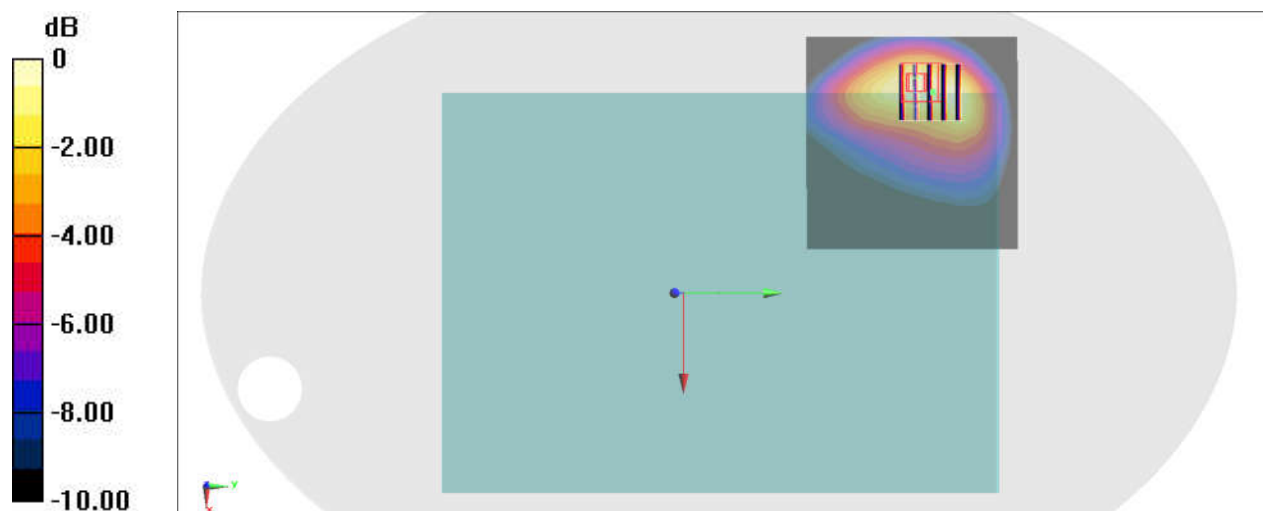
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.53 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.828 W/kg

SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.651 W/kg



#12_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_230516 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.107$ S/m; $\epsilon_r = 39.991$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(7.47, 7.47, 7.47) @ 2680 MHz; Calibrated: 2022/11/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.749 W/kg

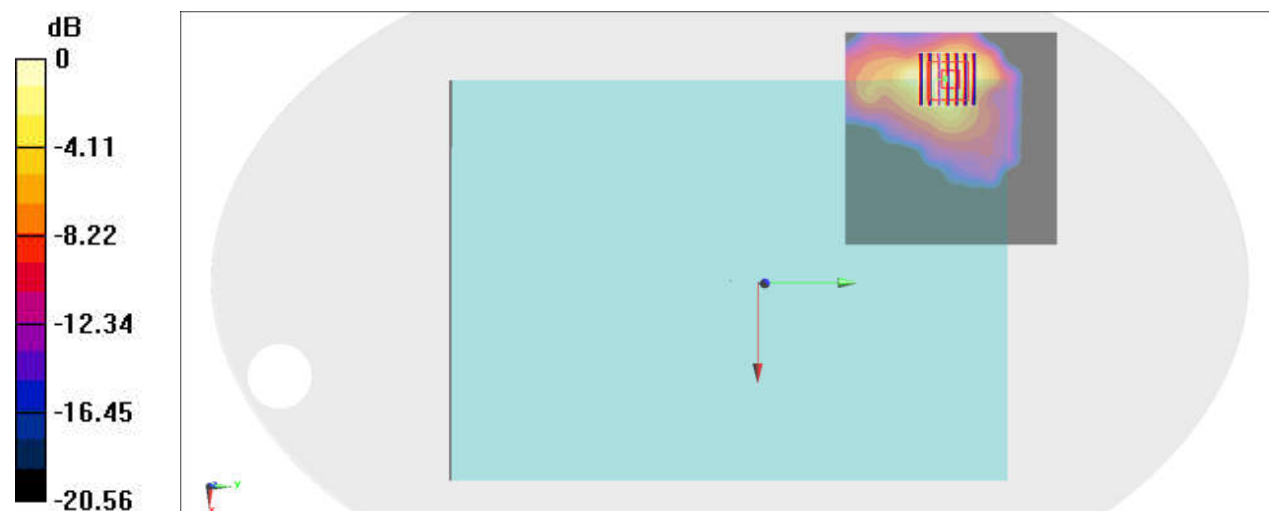
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.21 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg