

#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_211111 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 - SN7590; ConvF(8.65, 8.65, 8.65) @ 1852.4 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

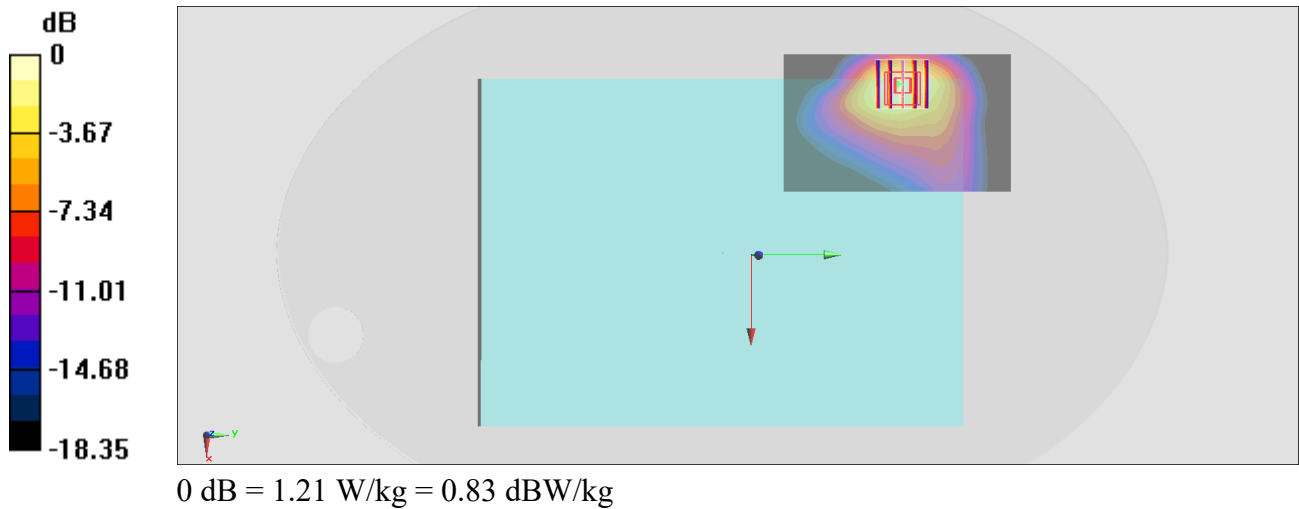
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.27 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (measured) = 1.21 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_211111 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 40.366$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(8.84, 8.84, 8.84) @ 1712.4 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

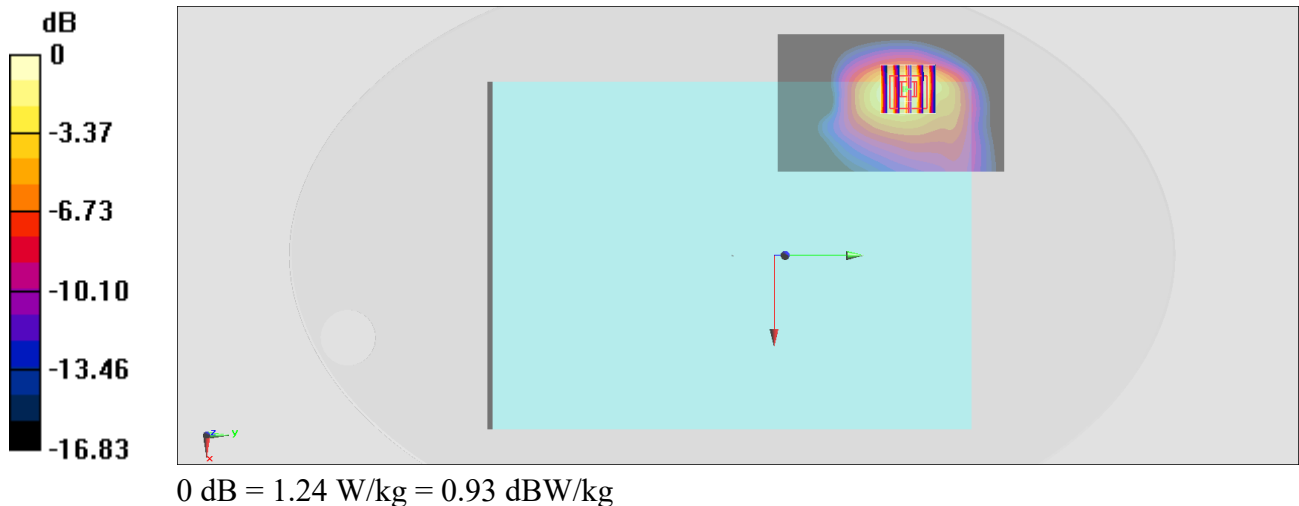
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.60 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.24 W/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_211110 Medium parameters used: $f = 847$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.969$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(10.73, 10.73, 10.73) @ 846.6 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

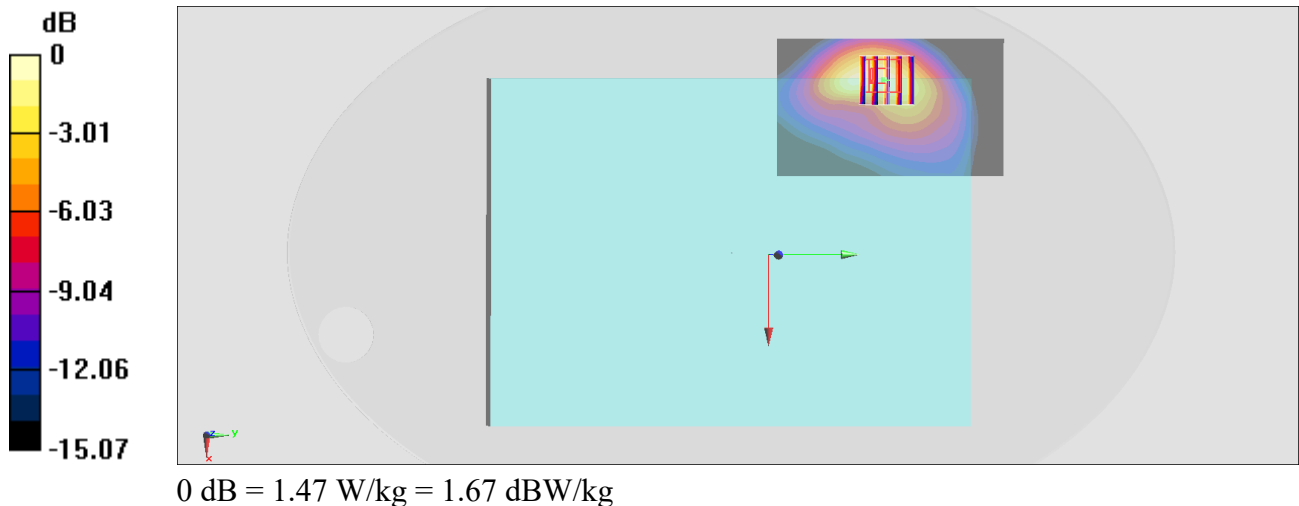
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.86 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.548 W/kg

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



#04_LTE Band 7_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch20850

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

Medium: HSL_2600_211109 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.871$ S/m; $\epsilon_r = 38.067$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.69, 7.69, 7.69) @ 2510 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (71x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

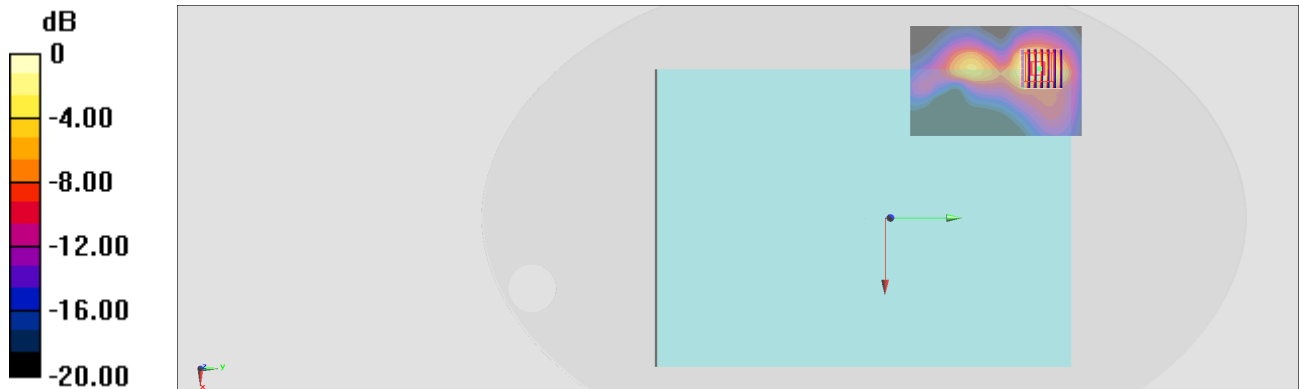
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.11 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.443 W/kg

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



0 dB = 1.50 W/kg = 1.76 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_211110 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 41.654$; $\rho = 1000$ 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: DAE4 Sn854; Calibrated: 2021/8/19
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.953 W/kg

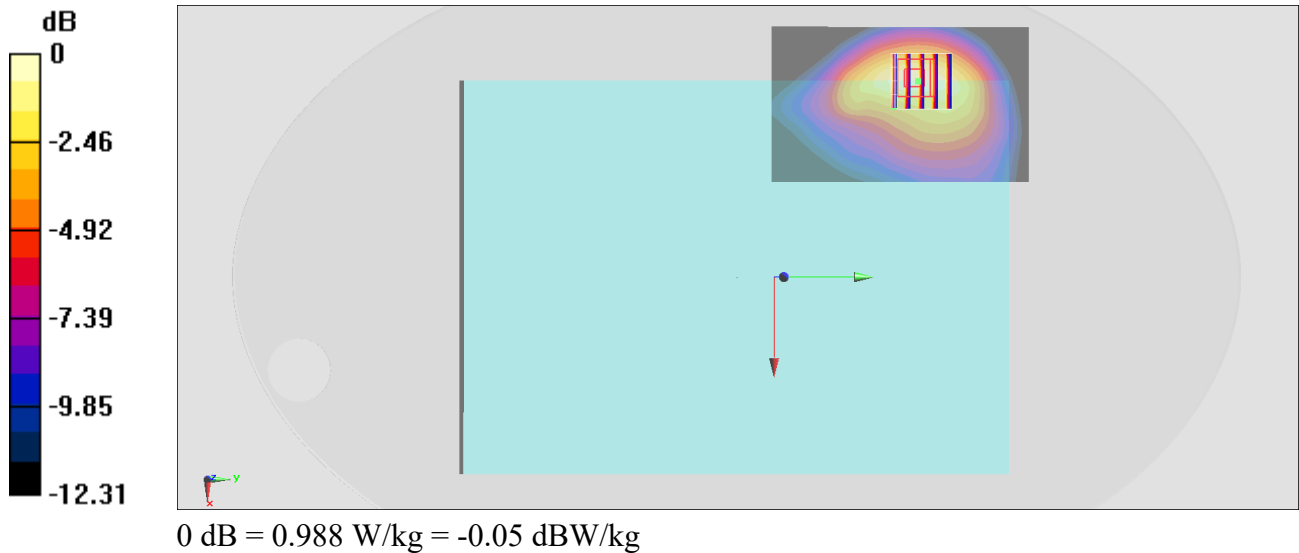
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.27 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 0.988 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_211110 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.897 \text{ S/m}$; $\epsilon_r = 41.179$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(11.12, 11.12, 11.12) @ 782 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

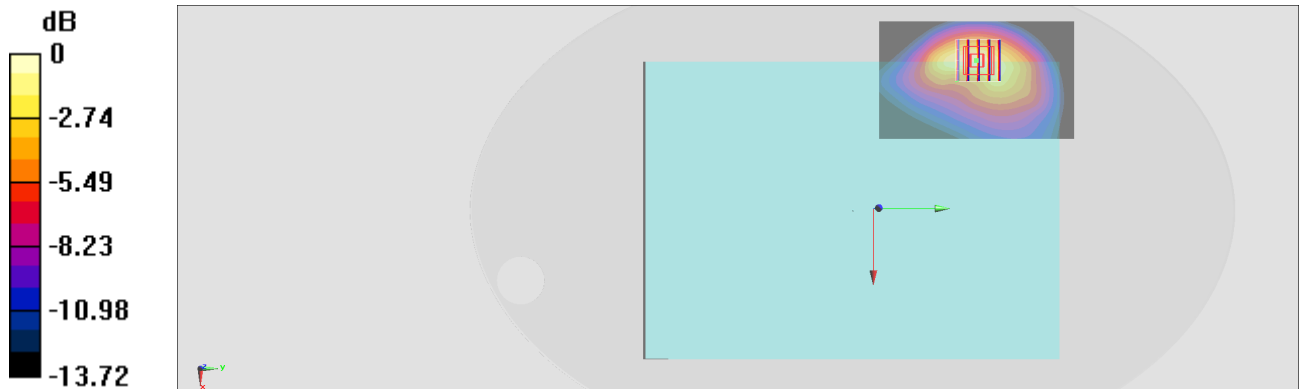
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.65 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.853 W/kg ; SAR(10 g) = 0.467 W/kg

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



0 dB = 1.19 W/kg = 0.76 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_211110 Medium parameters used: $f = 793$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.141$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(11.12, 11.12, 11.12) @ 793 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 24.70 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.463 W/kg

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



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

#08_LTE Band 25_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch26140

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

Medium: HSL_1900_211111 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 38.866$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(8.65, 8.65, 8.65) @ 1860 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

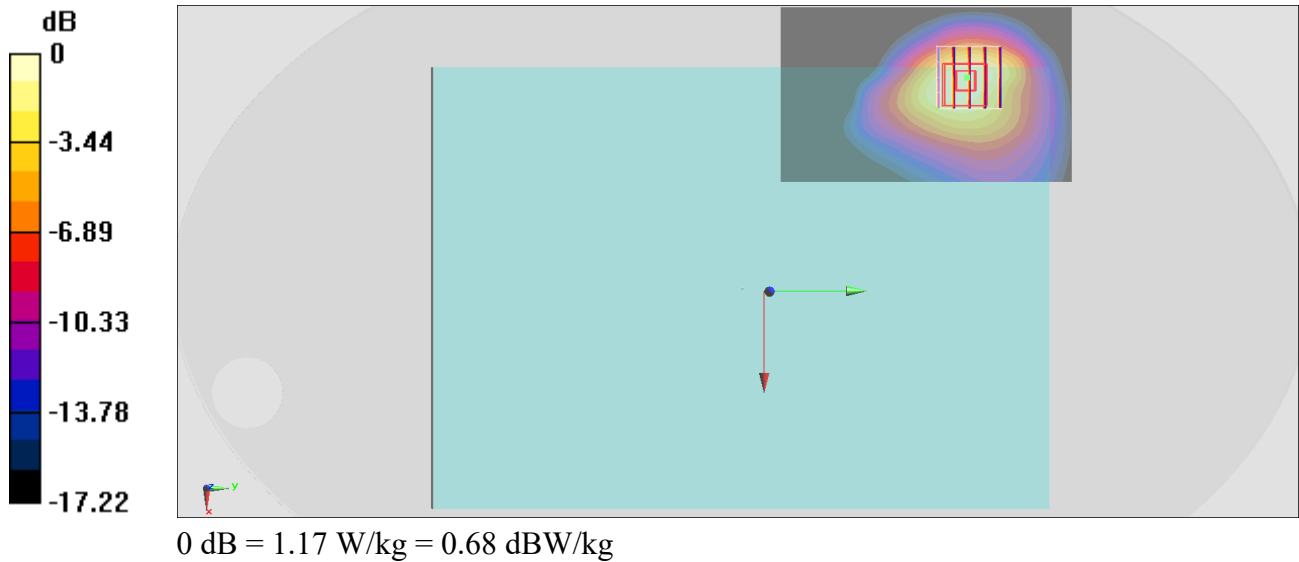
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.488 W/kg

Maximum value of SAR (measured) = 1.17 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_211110 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 41.075$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(10.73, 10.73, 10.73) @ 831.5 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

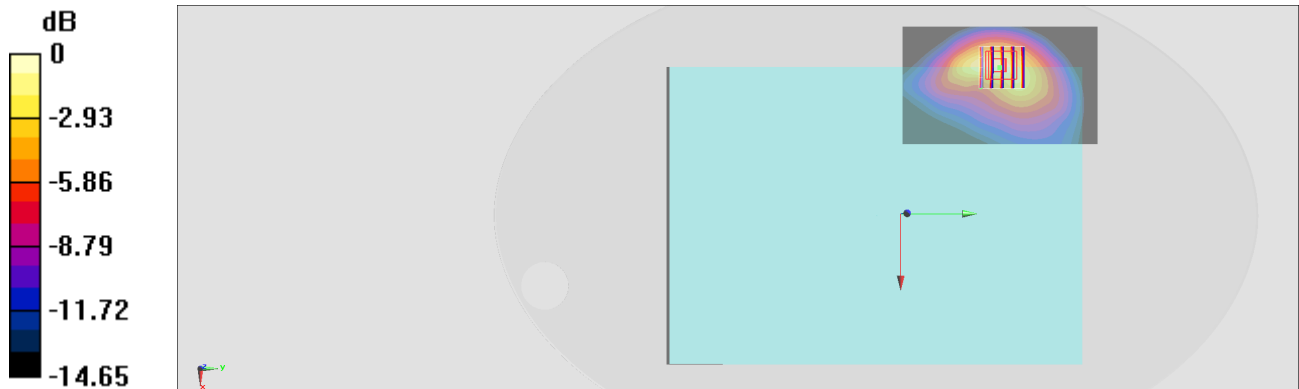
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.46 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.454 W/kg

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



0 dB = 1.23 W/kg = 0.90 dBW/kg

#10_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_211111 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 - SN7590; ConvF(8.84, 8.84, 8.84) @ 1720 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

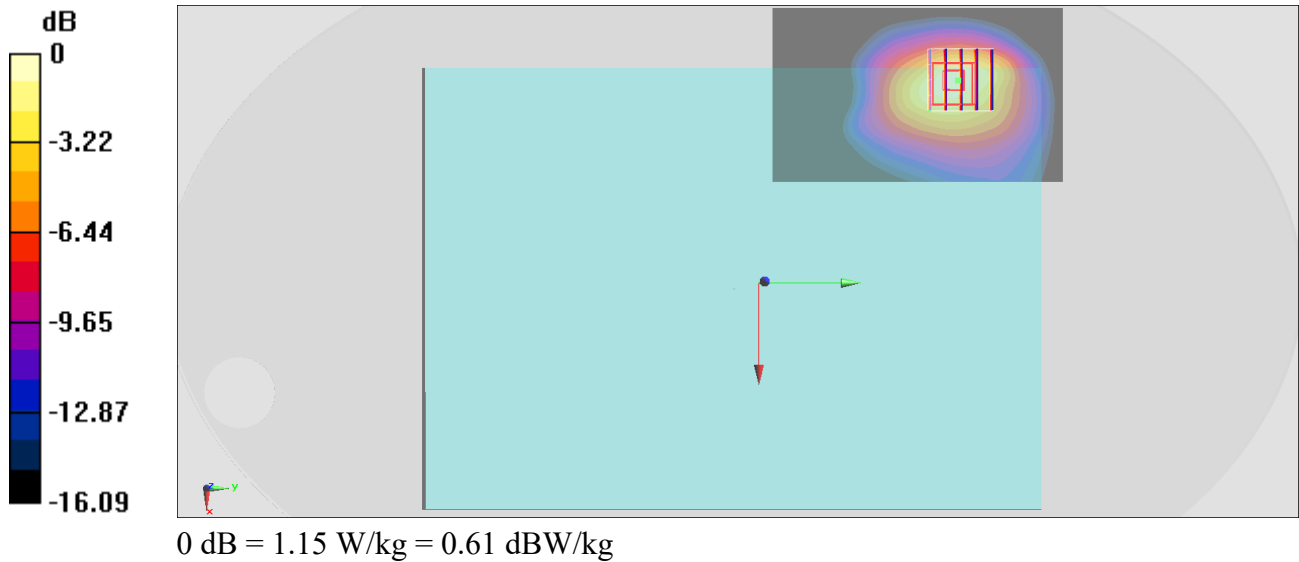
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.39 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.459 W/kg

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



#11_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_211110 Medium parameters used: $f = 683$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 41.752$; $\rho = 1000$ 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: DAE4 Sn854; Calibrated: 2021/8/19
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.939 W/kg

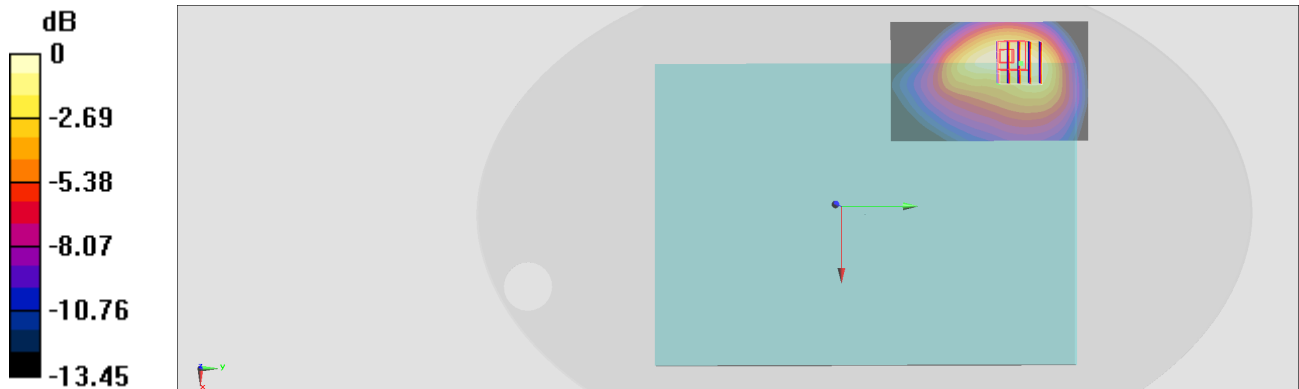
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.28 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 0.928 W/kg



0 dB = 0.928 W/kg = -0.32 dBW/kg

#12_LTE Band 41_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_211109 Medium parameters used : $f = 2506$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 38.331$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.69, 7.69, 7.69) @ 2506 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- 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 (71x111x1): 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 = 22.81 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.456 W/kg

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

