

#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_210917 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 39.078$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.4, 8.4, 8.4) @ 1907.6 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

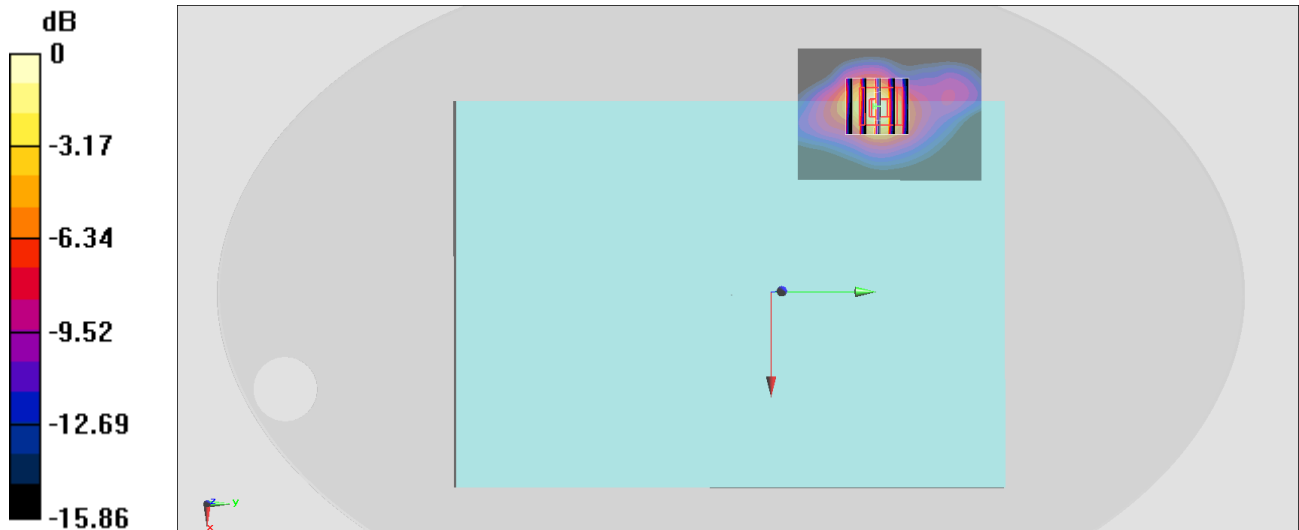
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.37 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.491 W/kg

Maximum value of SAR (measured) = 1.78 W/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_210917 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 40.647$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.68, 8.68, 8.68) @ 1752.6 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.75 W/kg

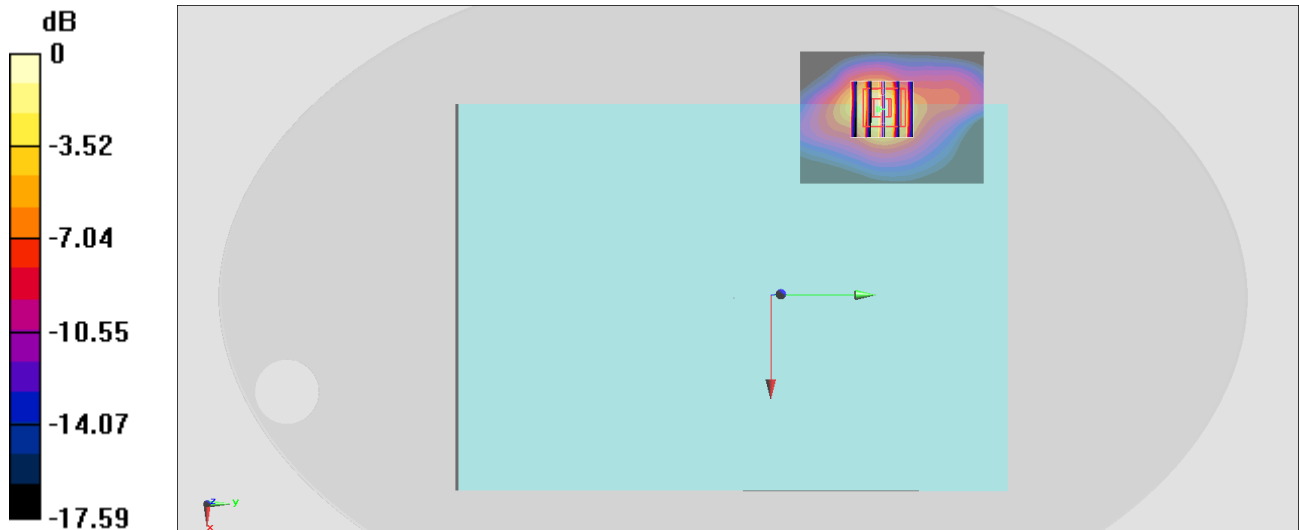
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.96 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.487 W/kg

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



0 dB = 1.67 W/kg = 2.23 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Bottom of Laptop_0mm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_210922 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 43.141$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.35, 10.35, 10.35) @ 826.4 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.69 W/kg

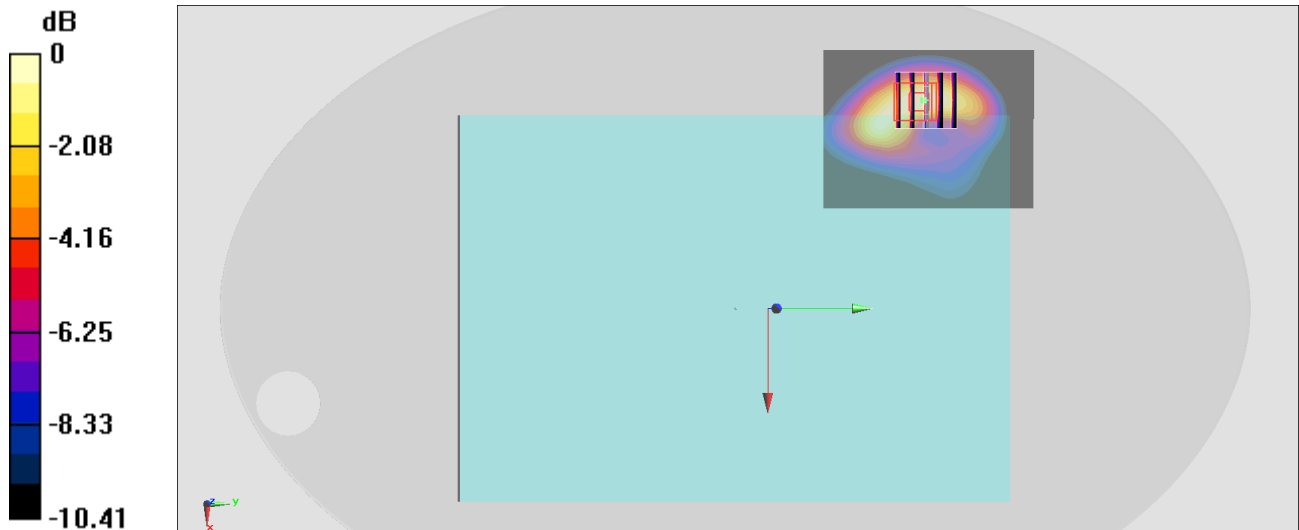
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.74 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.628 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 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_210918 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 40.316$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.6, 7.6, 7.6) @ 2560 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

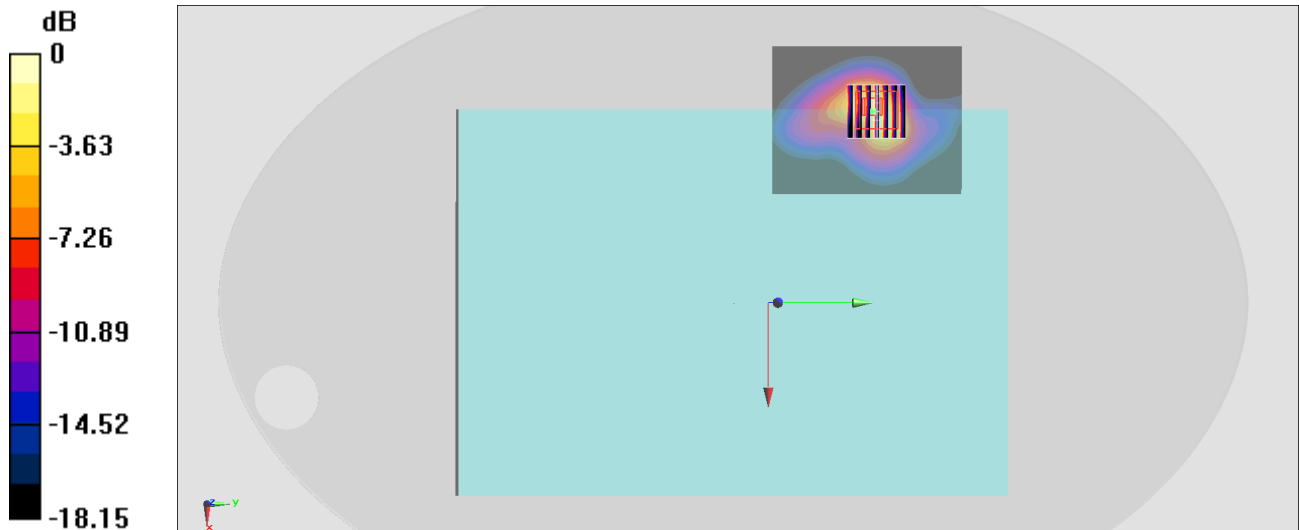
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.69 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.437 W/kg

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



0 dB = 1.70 W/kg = 2.30 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_210917 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 43.909$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 707.5 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

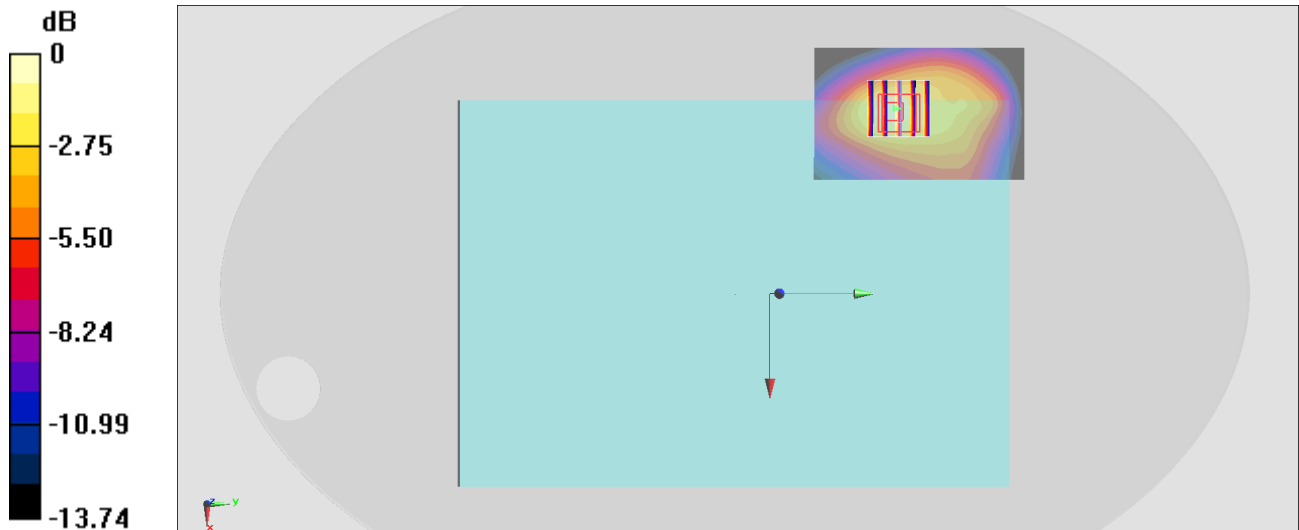
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.47 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.626 W/kg

Maximum value of SAR (measured) = 1.47 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_210922 Medium parameters used: $f = 782$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 43.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 782 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

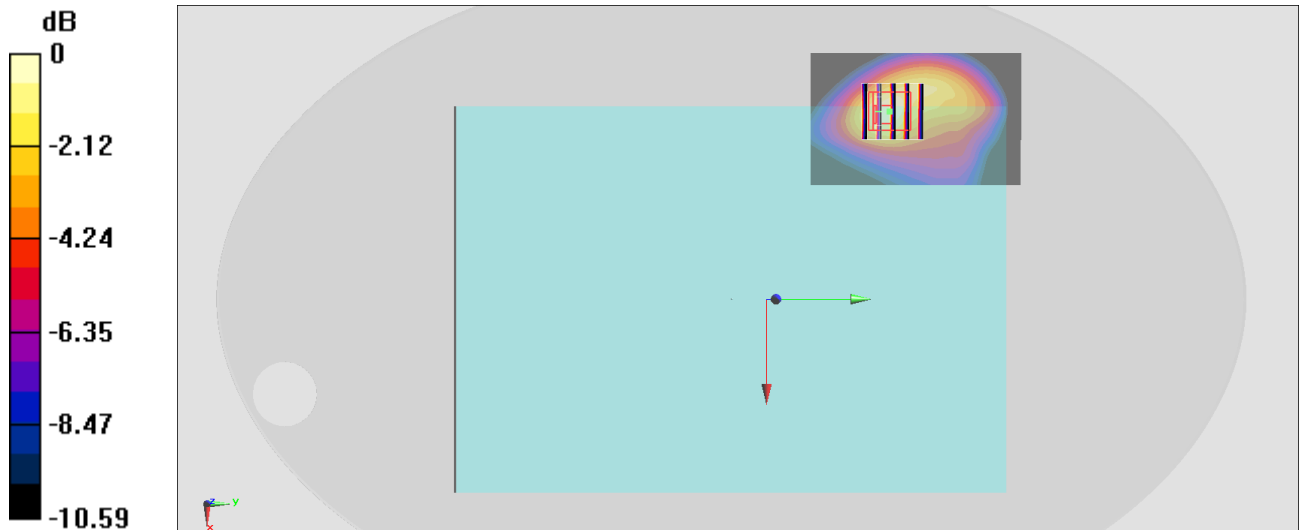
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.30 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.564 W/kg

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



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

#07_LTE Band 14_10M_QPSK_1_0_Bottom of Laptop_0mm_Ch23330

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

Medium: HSL_750_210922 Medium parameters used: $f = 793$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 43.401$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 793 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

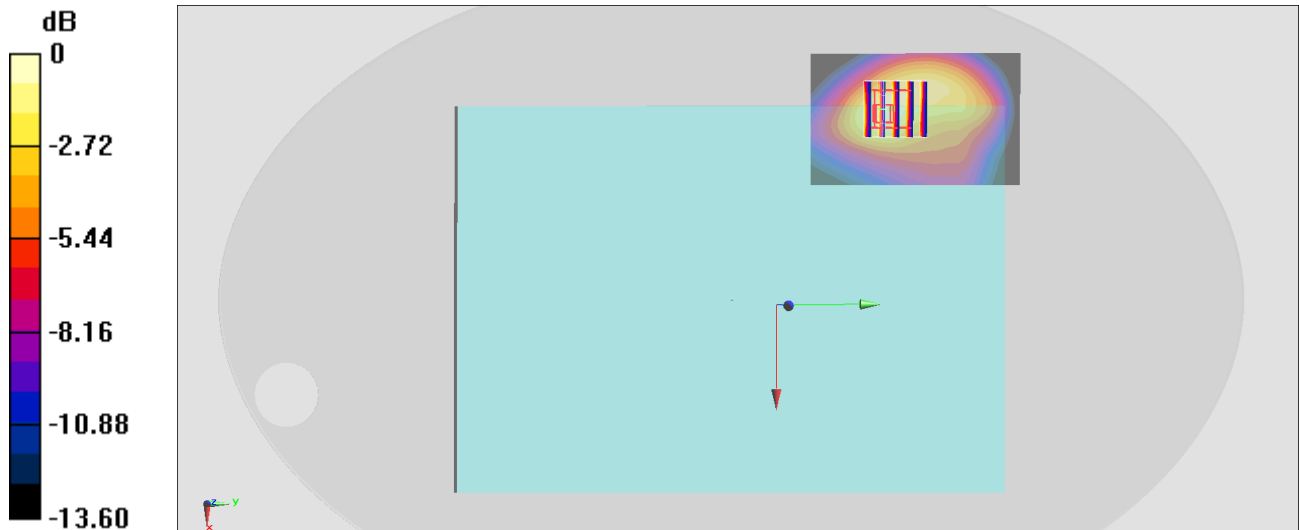
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.84 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.616 W/kg

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

#08_LTE Band 25_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch26590

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

Medium: HSL_1900_210917 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 39.091$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.4, 8.4, 8.4) @ 1905 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.98 W/kg

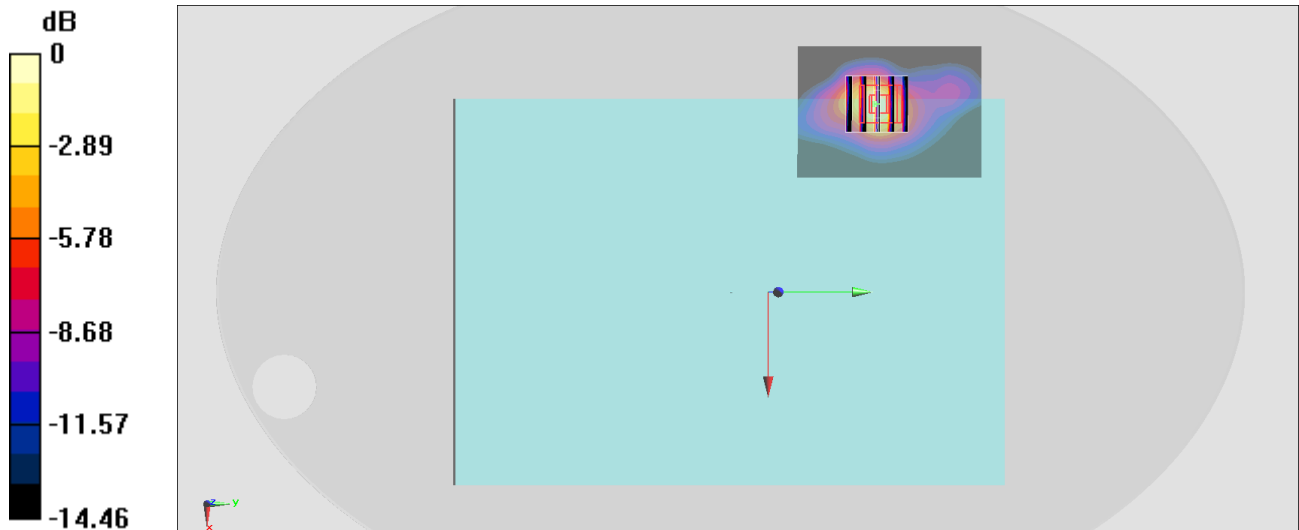
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.517 W/kg

Maximum value of SAR (measured) = 1.84 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_210917 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 43.275$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.35, 10.35, 10.35) @ 831.5 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

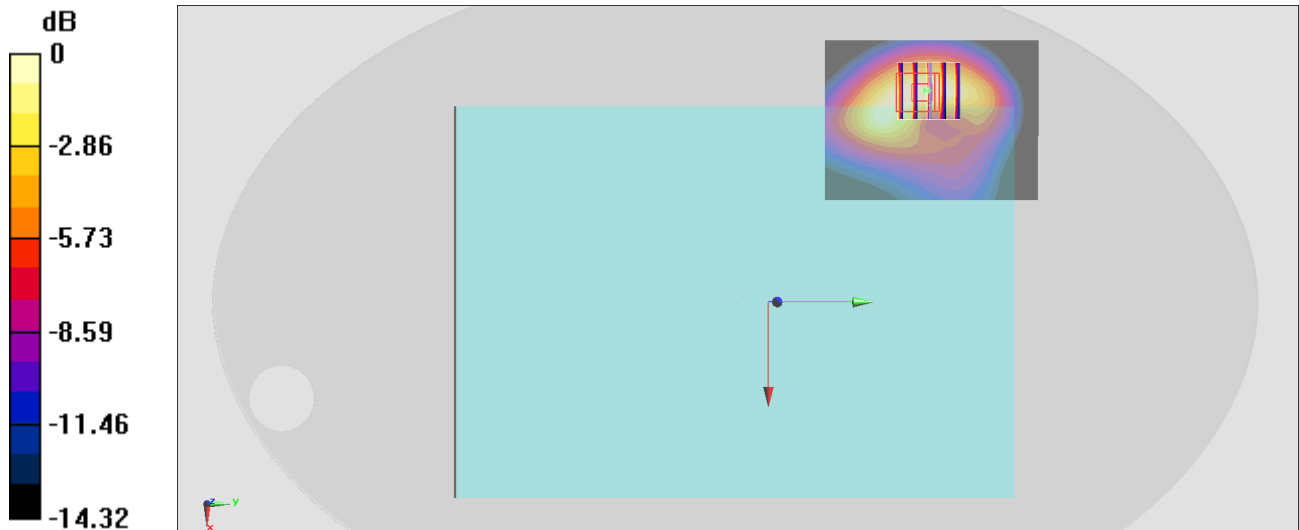
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.54 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.624 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

#10_LTE Band 30_10M_QPSK_1_0_Bottom of Laptop_0mm_Ch27710

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

Medium: HSL_2300_210923 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.686$ S/m; $\epsilon_r = 40.899$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.97, 7.97, 7.97) @ 2310 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- 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) = 1.88 W/kg

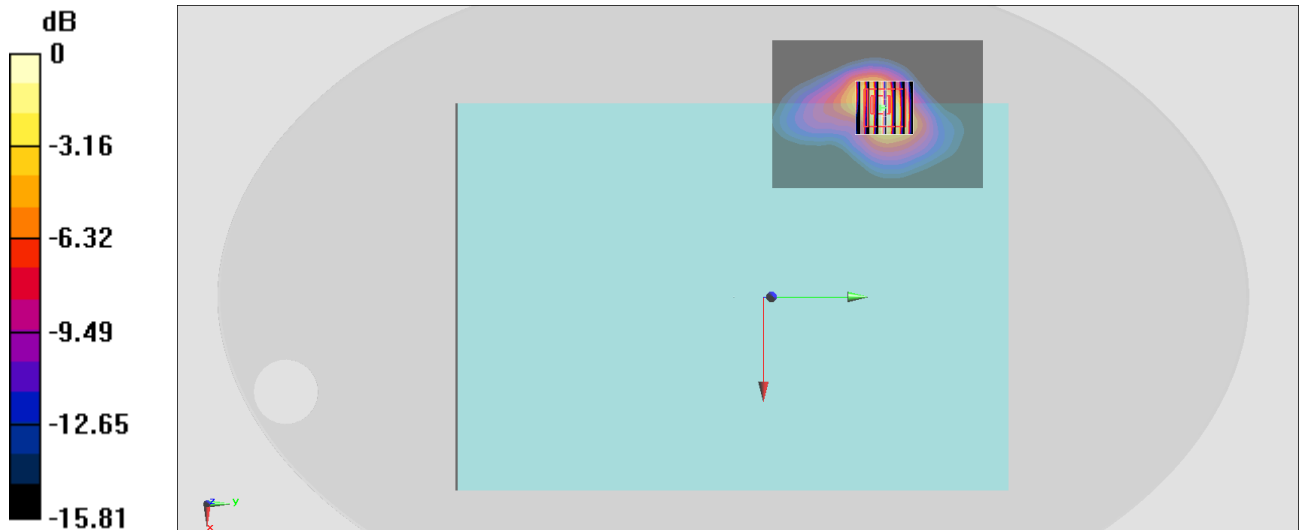
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 33.84 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.487 W/kg

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

#11_LTE Band 66_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch132572

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

Medium: HSL_1750_210917 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.595$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.68, 8.68, 8.68) @ 1770 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.95 W/kg

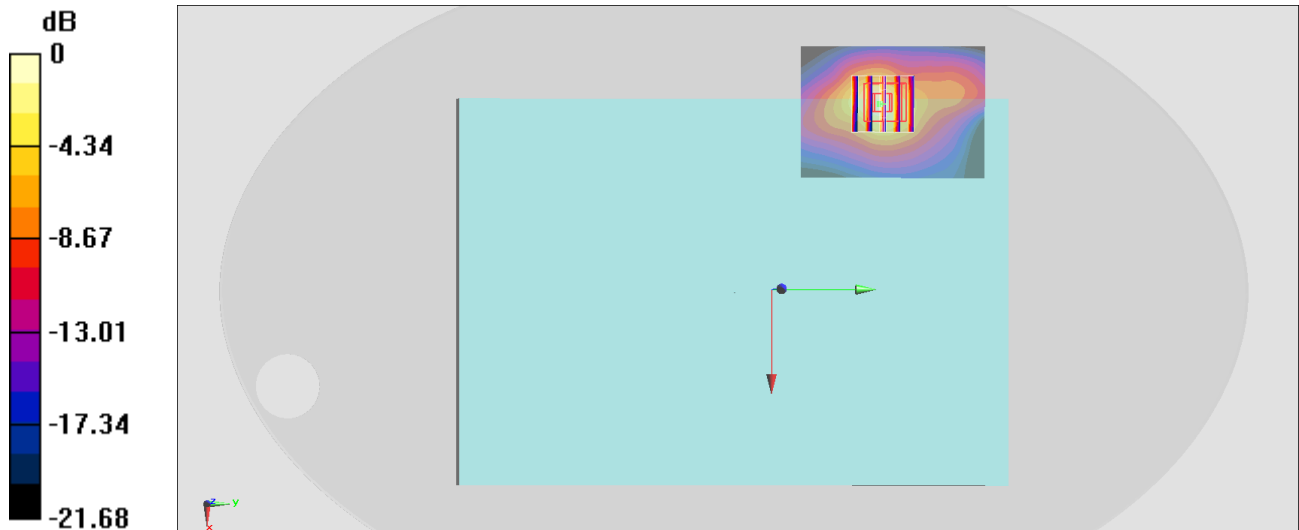
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.19 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.551 W/kg

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



0 dB = 1.90 W/kg = 2.79 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_210917 Medium parameters used: $f = 683$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 44.083$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 683 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

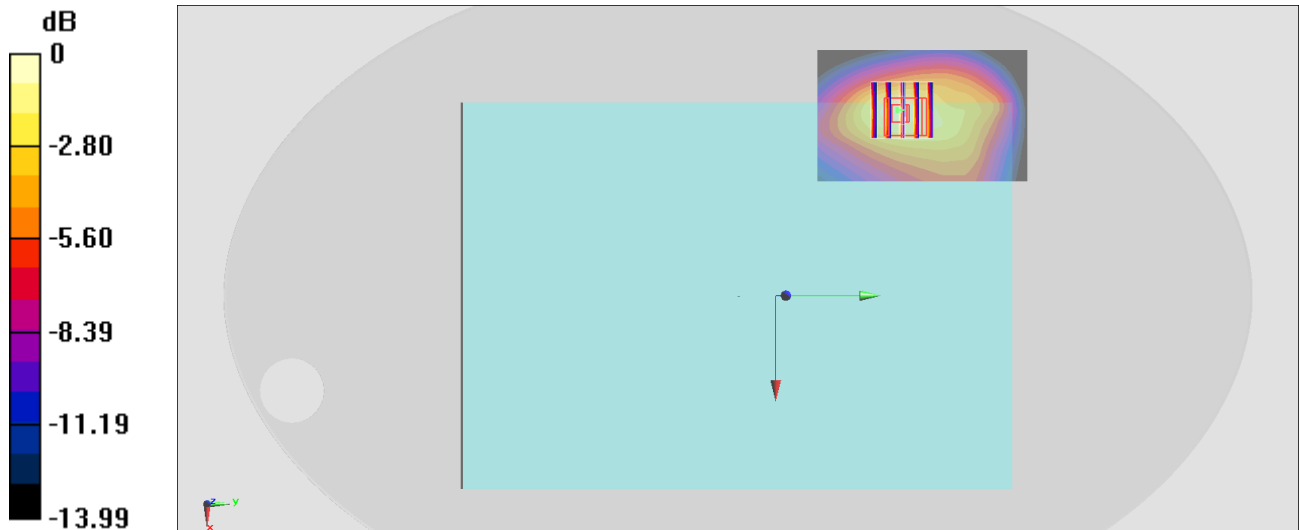
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.49 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.621 W/kg

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



#13_LTE Band 41_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch40620

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_210918 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.028$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.6, 7.6, 7.6) @ 2593 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- 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) = 1.93 W/kg

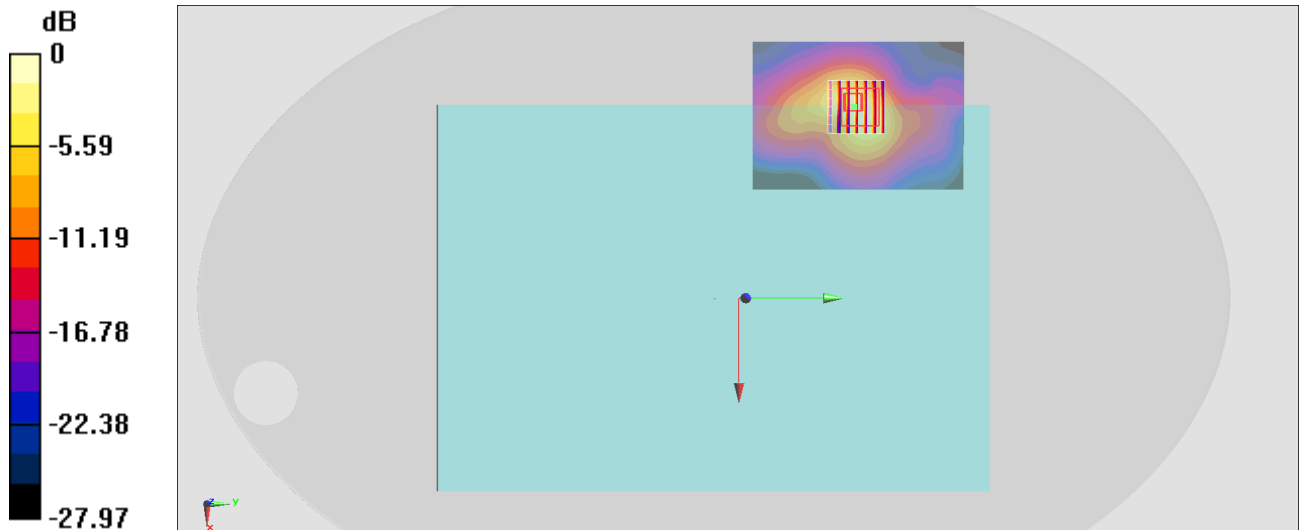
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.55 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

#14_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_210918 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.976$ S/m; $\epsilon_r = 37.886$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.07, 7.07, 7.07) @ 3560 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.12 W/kg

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

Reference Value = 24.51 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 0.977 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 2.01 W/kg

