

#01_LTE Band 2_20M_QPSK_50_0_Bottom of Laptop_0mm_Ch18900

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

Medium: HSL_1900_220124 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 39.152$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.65, 8.65, 8.65) @ 1880 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0506 W/kg

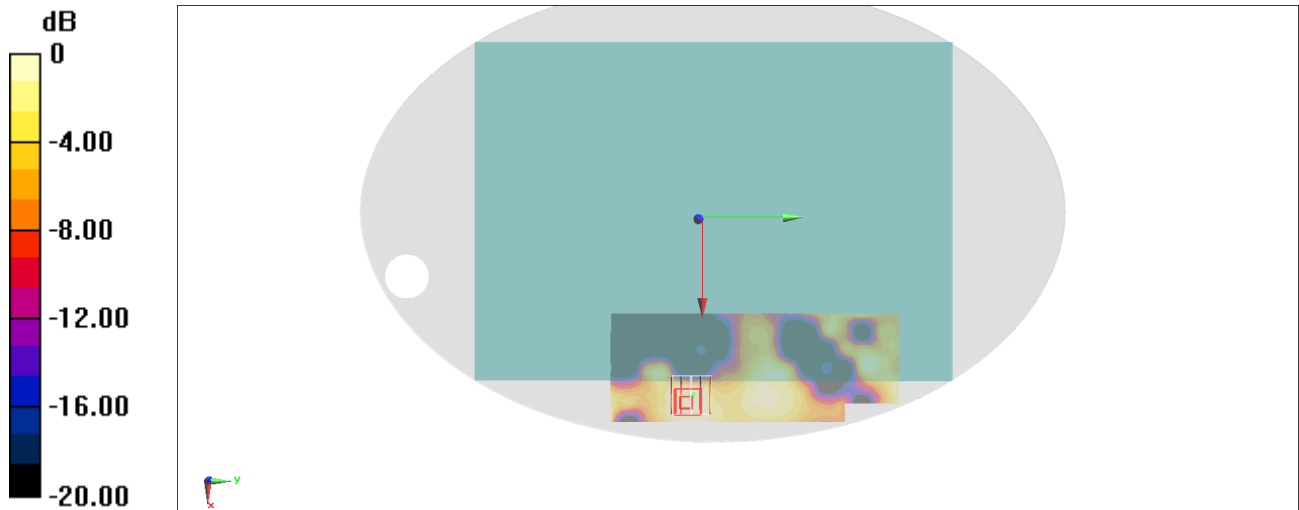
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.728 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0452 W/kg



0 dB = 0.0452 W/kg = -13.45 dBW/kg

#02_LTE Band 7_20M_50_0_Bottom of Laptop_0mm_Ch21100

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

Medium: HSL_2600_220122 Medium parameters used : $f = 2535$ MHz; $\sigma = 1.896$ S/m; $\epsilon_r = 39.456$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.69, 7.69, 7.69) @ 2535 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x201x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0806 W/kg

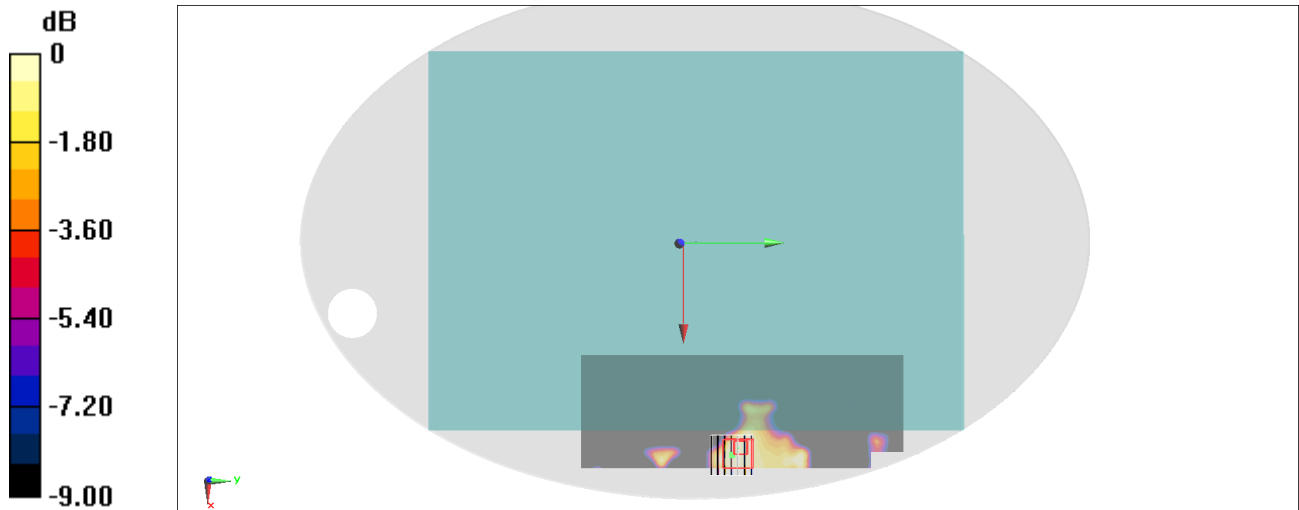
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.452 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0650 W/kg



#03_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_220120 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.457$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.84, 8.84, 8.84) @ 1770 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

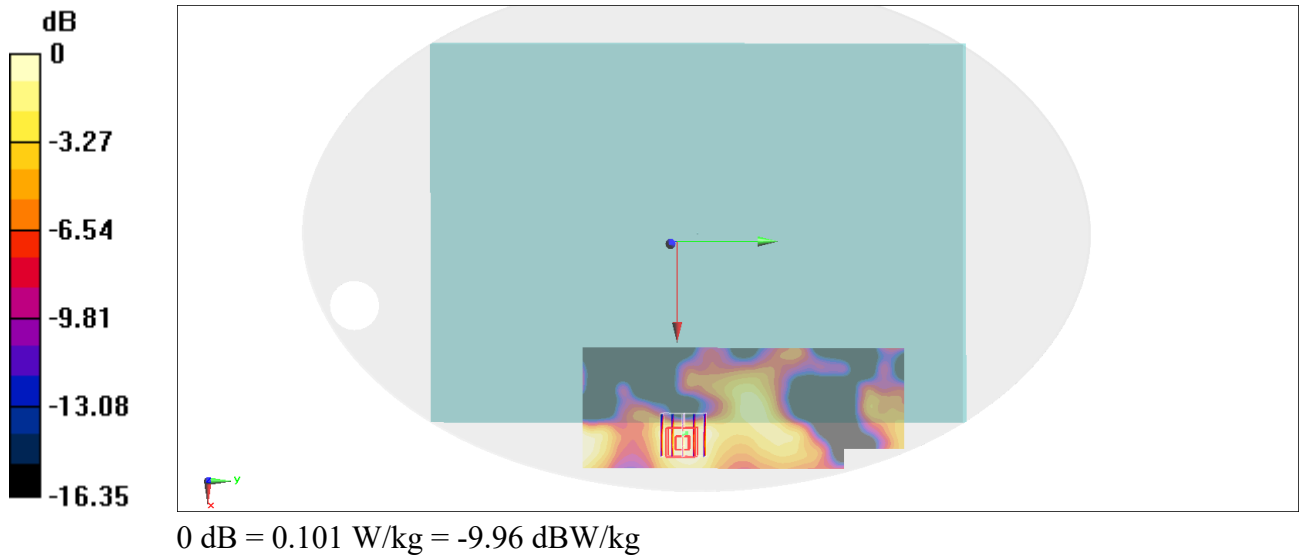
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.061 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



#04_LTE Band 48_20M_BPSK_1_0_Bottom of Laptop_0mm_Ch55340

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

Medium: HSL_3300~4200_220122 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.961$ S/m; $\epsilon_r = 37.271$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.23, 7.23, 7.23) @ 3500 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0400 W/kg

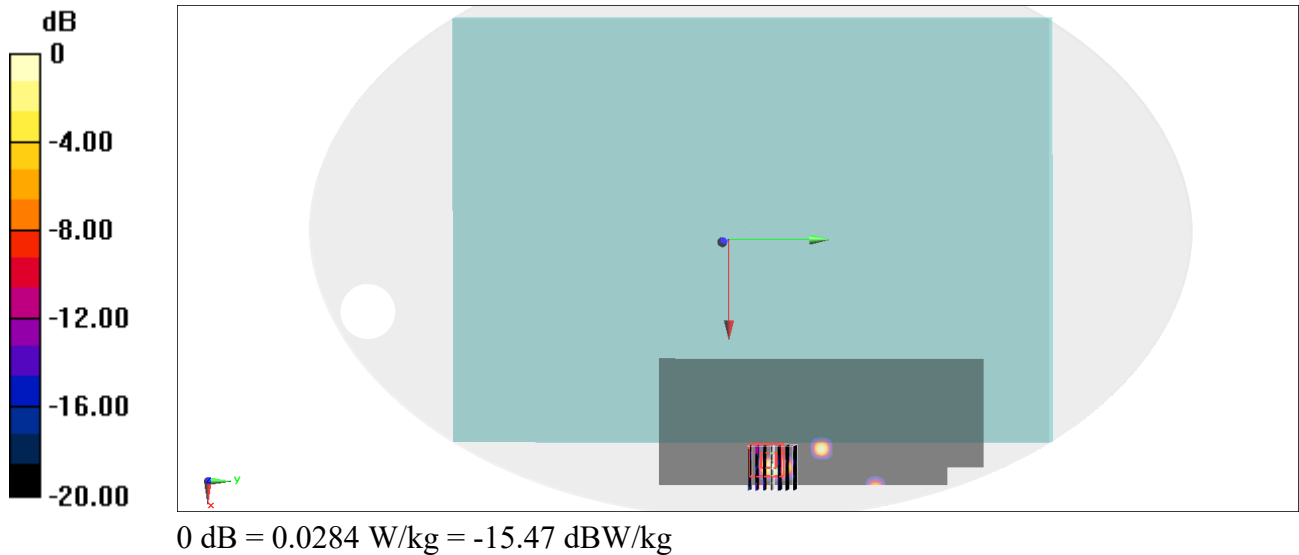
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 0.8600 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0284 W/kg



#05_FR n2_20M_BPSK_1_1_Bottom of Laptop_0mm_Ch376000

Communication System: FR1; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_220124 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 39.152$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.65, 8.65, 8.65) @ 1880 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0403 W/kg

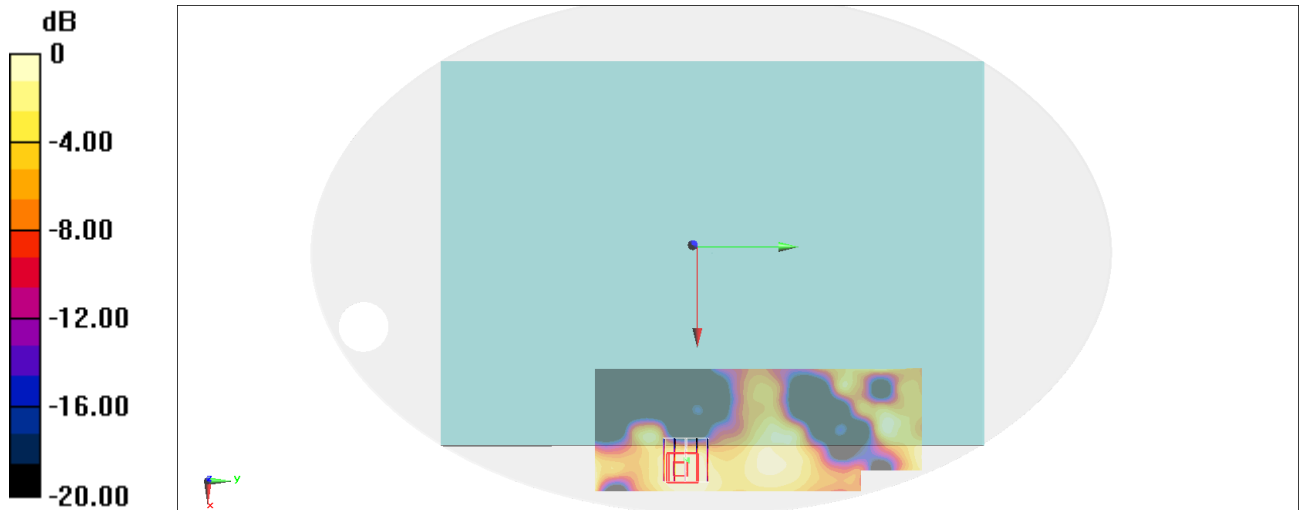
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.614 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.04 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0349 W/kg



#06_FR n7_20M_BPSK_1_1_Bottom of Laptop_0mm_Ch507000

Communication System: FR1; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220125 Medium parameters used : $f = 2535$ MHz; $\sigma = 1.905$ S/m; $\epsilon_r = 38.495$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.69, 7.69, 7.69) @ 2535 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0786 W/kg

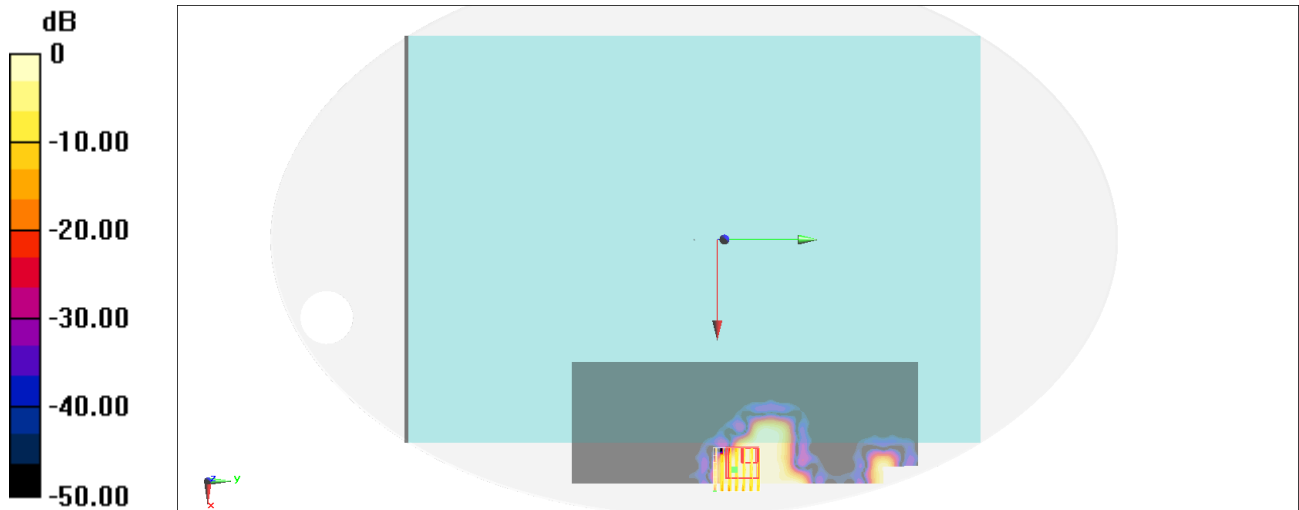
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.737 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0383 W/kg



#07_FR n41_100M_BPSK_1_1_Bottom of Laptop_0mm_Ch518598

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

Medium: HSL_2600_220125 Medium parameters used : $f = 2592.99$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 38.255$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.69, 7.69, 7.69) @ 2592.99 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0862 W/kg

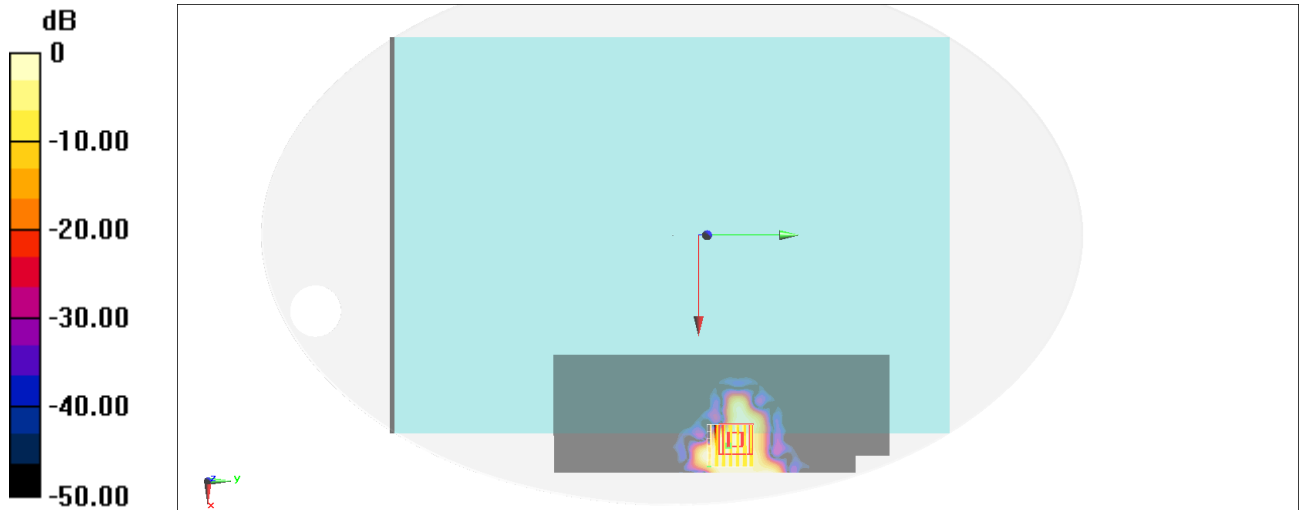
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.107 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0449 W/kg



#08_FR n66_20M_BPSK_1_1_Bottom of Laptop_0mm_Ch354000

Communication System: FR1; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220120 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.542$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.84, 8.84, 8.84) @ 1770 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.141 W/kg

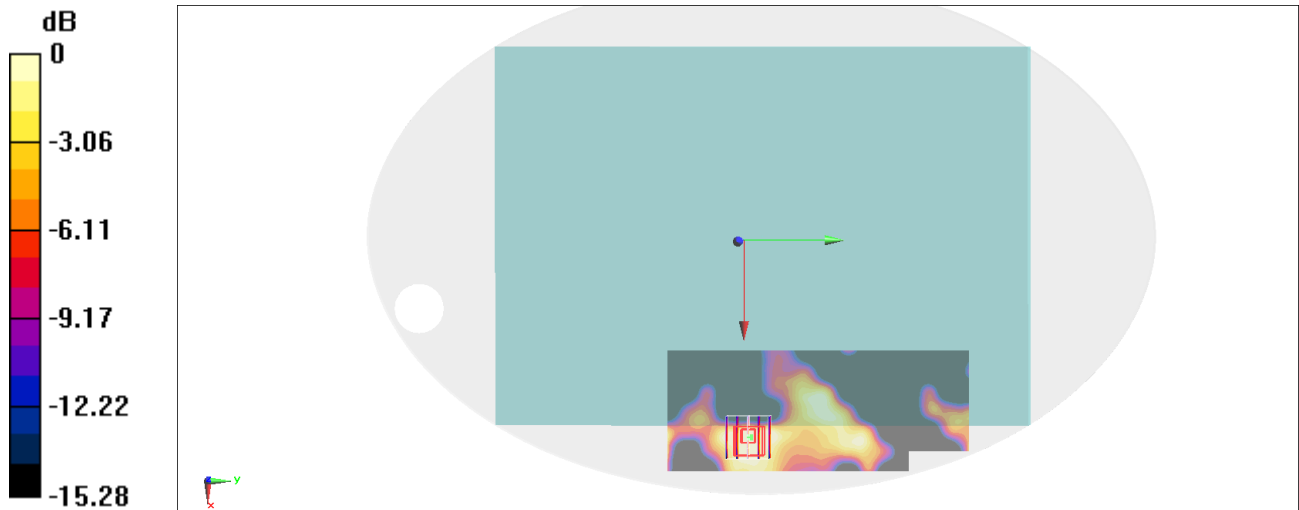
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.254 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0653 W/kg



0 dB = 0.0653 W/kg = -11.85 dBW/kg

#09_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1;Ant 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.005

Medium: HSL_2450_220123 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.787$ S/m; $\epsilon_r = 39.145$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590;ConvF(7.94, 7.94, 7.94) @ 2412 MHz;Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.647 W/kg

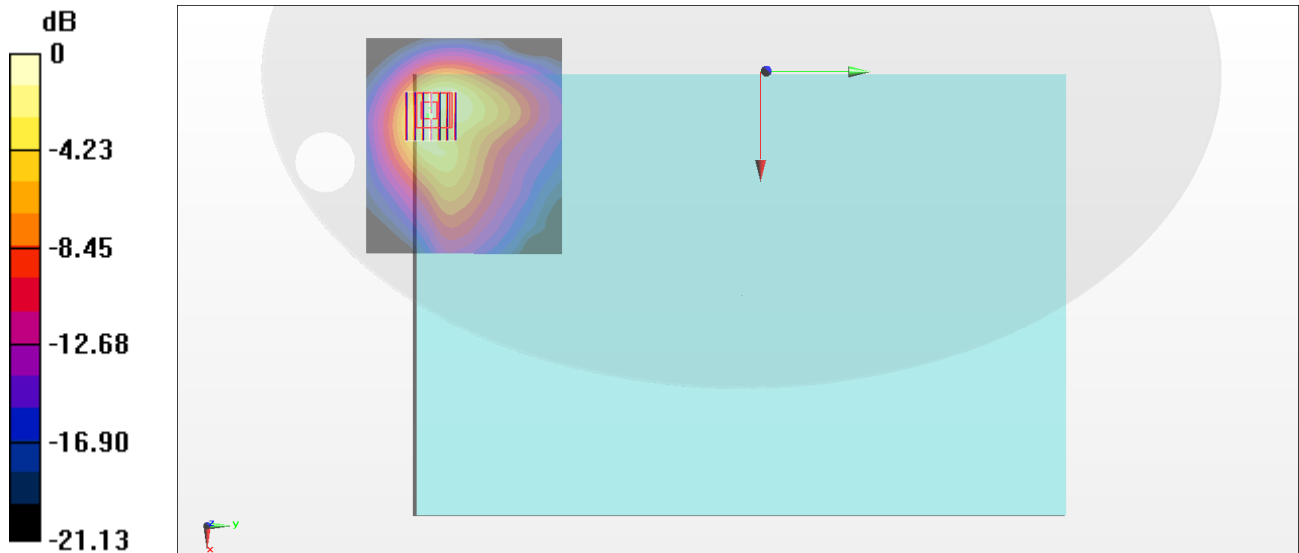
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.97 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg

#10_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch54;Ant 1

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.012

Medium: HSL_5G_220123 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.638$ S/m; $\epsilon_r = 35.854$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5270 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.105 W/kg

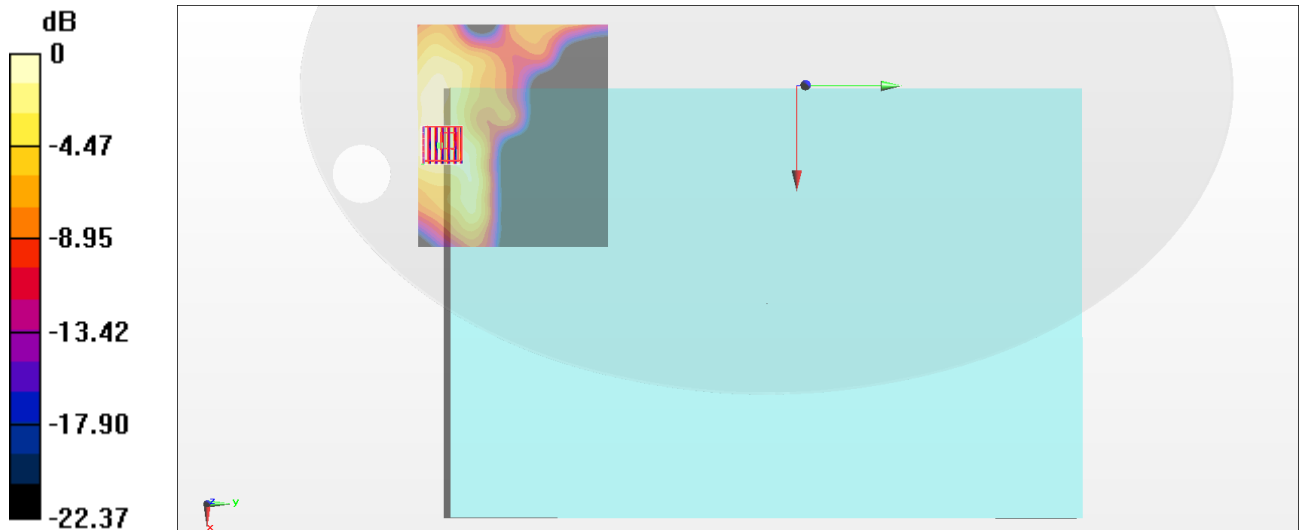
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.662 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg

#11_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch126;Ant 1

Communication System: 802.11n; Frequency: 5630 MHz; Duty Cycle: 1:1.012

Medium: HSL_5G_220123 Medium parameters used : $f = 5630$ MHz; $\sigma = 5.007$ S/m; $\epsilon_r = 35.379$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5630 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0758 W/kg

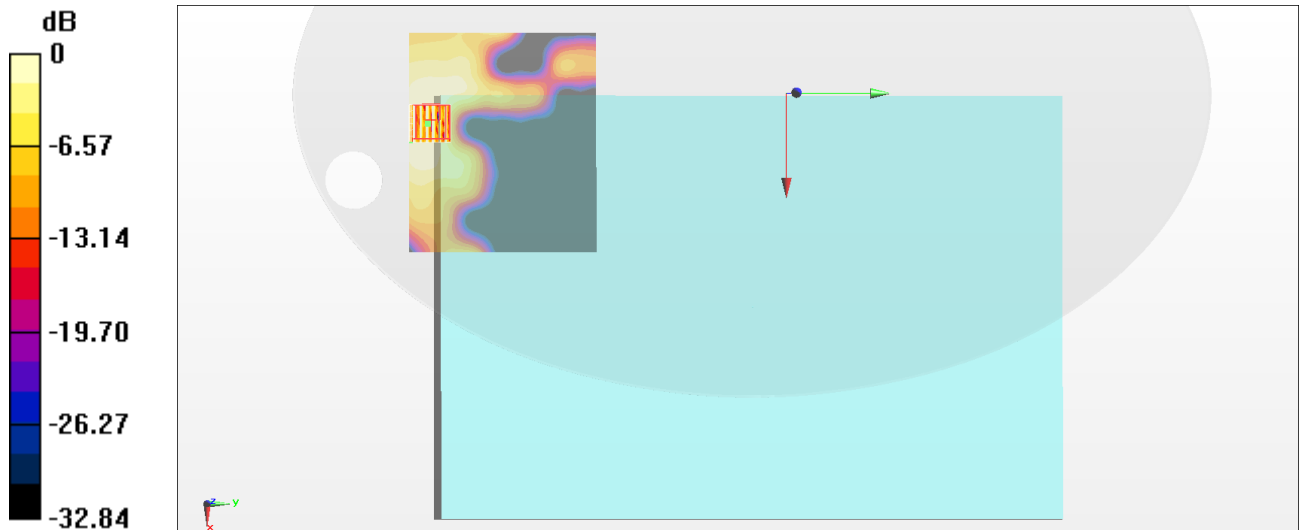
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.599 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0611 W/kg



#12_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch151;Ant 1

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.012

Medium: HSL_5G_220123 Medium parameters used : $f = 5755$ MHz; $\sigma = 5.14$ S/m; $\epsilon_r = 35.212$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.27, 5.27, 5.27) @ 5755 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0891 W/kg

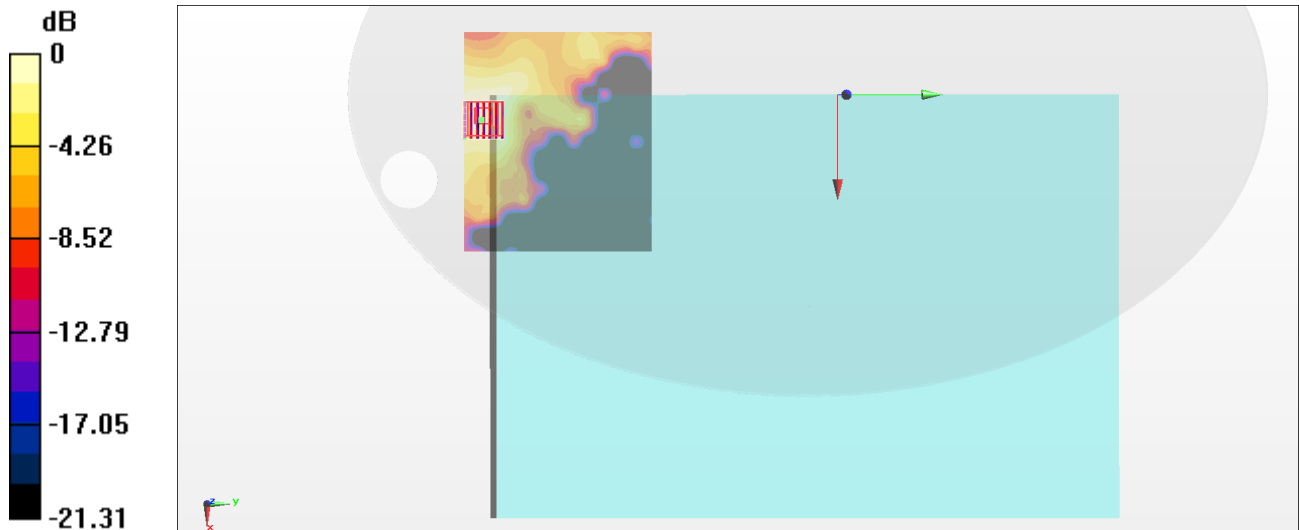
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.562 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0932 W/kg



0 dB = 0.0932 W/kg = -10.31 dBW/kg

#13_WLAN6GHz_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch111;Ant 1

Communication System: U-NII-6; Frequency: 6505.0

Medium: HSL_6G_20220208 Medium parameters used: $f = 6505.0$ MHz; $\sigma = 6.16$ S/m; $\epsilon_r = 35.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.95, 4.95, 4.95); Calibrated: 2021-04-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2021-08-19
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: Y; Zoom Scan: Y

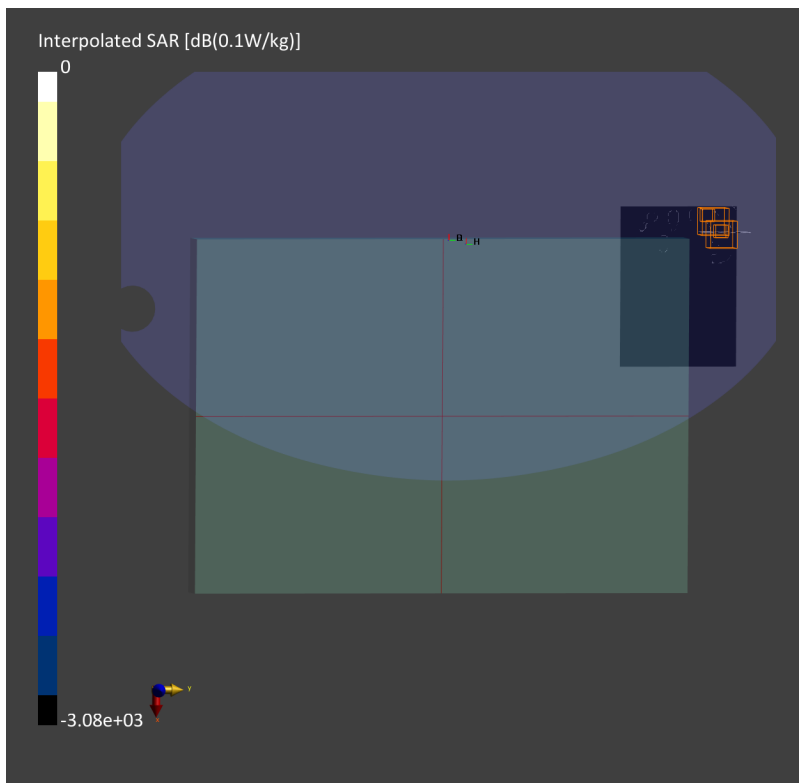
Area Scan (119.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.005 W/kg; SAR (10g) = 0 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.07 dB

SAR (1g) = 0.007 W/kg; SAR (10g) = 0.002 W/kg;



#14_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.295

Medium: HSL_2450_220123 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.026$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.94, 7.94, 7.94) @ 2441 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0255 W/kg

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

Reference Value = 2.877 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.0077 W/kg

Maximum value of SAR (measured) = 0.0257 W/kg

