

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch11;Ant 1+2

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.017

Medium: HSL_2450_220919 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ S/m; $\epsilon_r = 39.521$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(7.91, 7.91, 7.91) @ 2462 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.679 W/kg

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

Reference Value = 14.58 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.562 W/kg

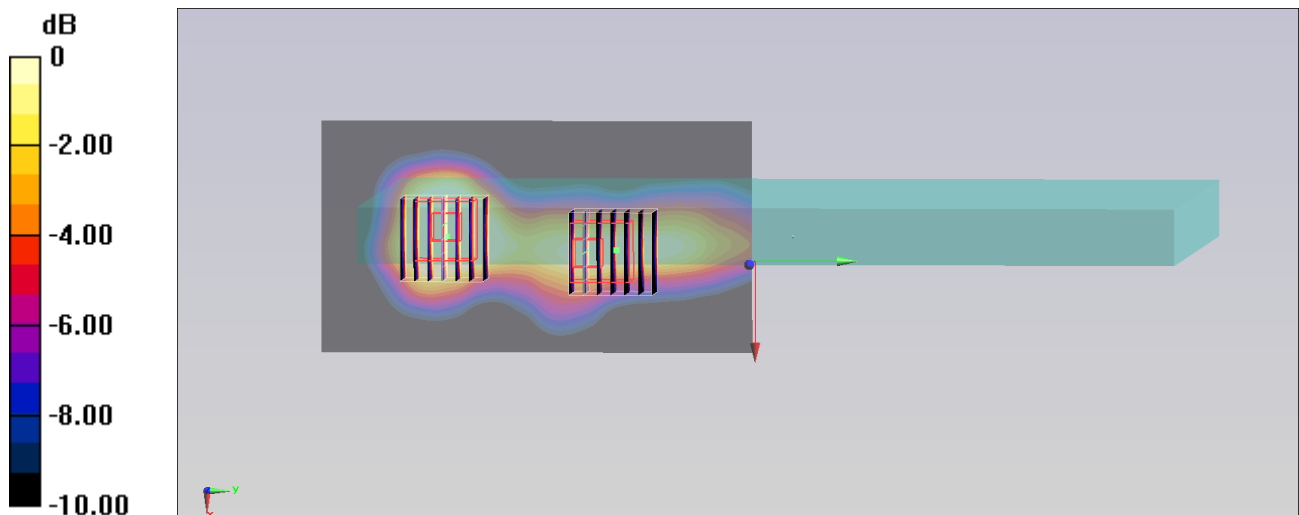
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.58 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg = -5.03 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch46;Ant 1+2

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.048

Medium: HSL_5G_220920 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.787$ S/m; $\epsilon_r = 36.69$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(5.45, 5.45, 5.45) @ 5230 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.856 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.97 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.855 W/kg

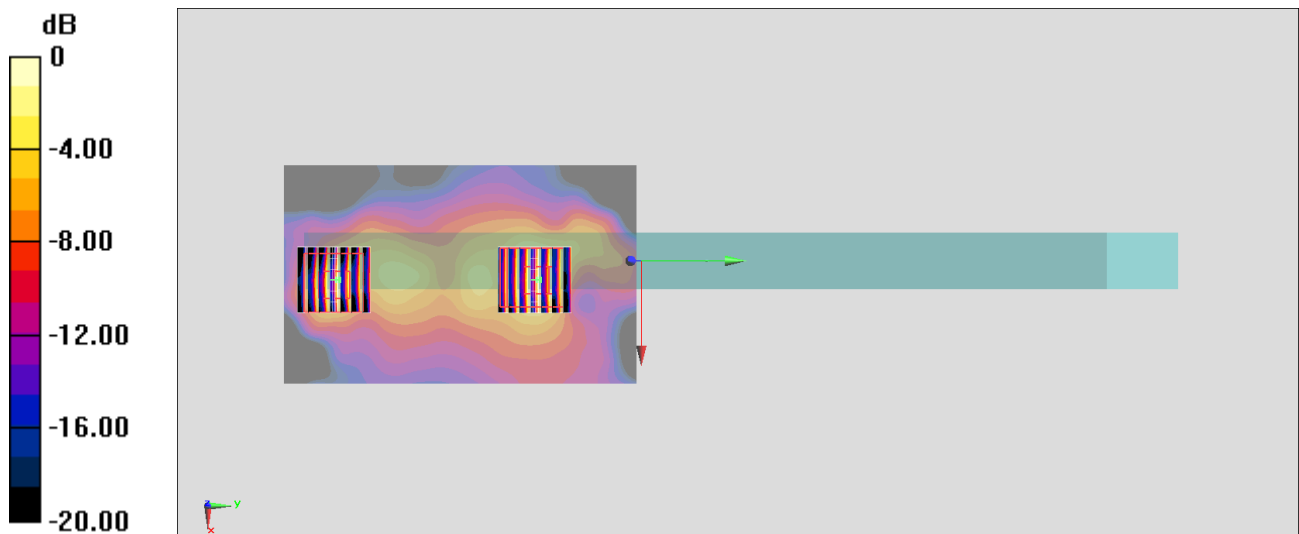
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.97 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.856 W/kg = -0.68 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch138;Ant 1+2

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.096

Medium: HSL_5G_220920 Medium parameters used : $f = 5690$ MHz; $\sigma = 5.282$ S/m; $\epsilon_r = 36.03$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5690 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.82 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.479 W/kg

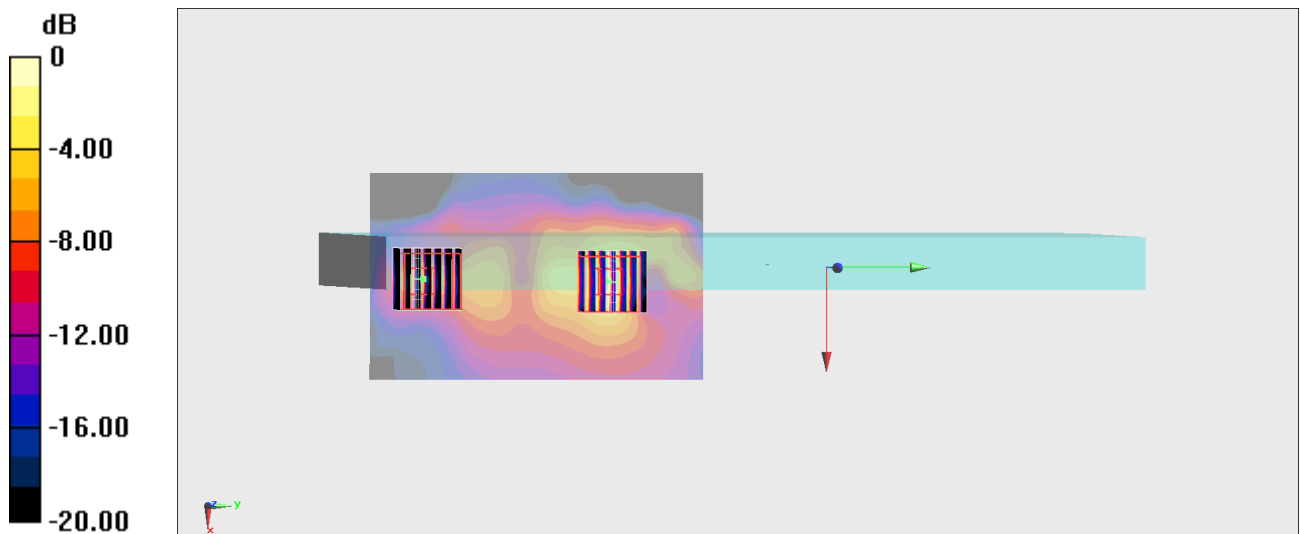
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.82 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.231 W/kg

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



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

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch155;Ant 1+2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.096

Medium: HSL_5G_220920 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.383$ S/m; $\epsilon_r = 35.917$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5775 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.05 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.428 W/kg

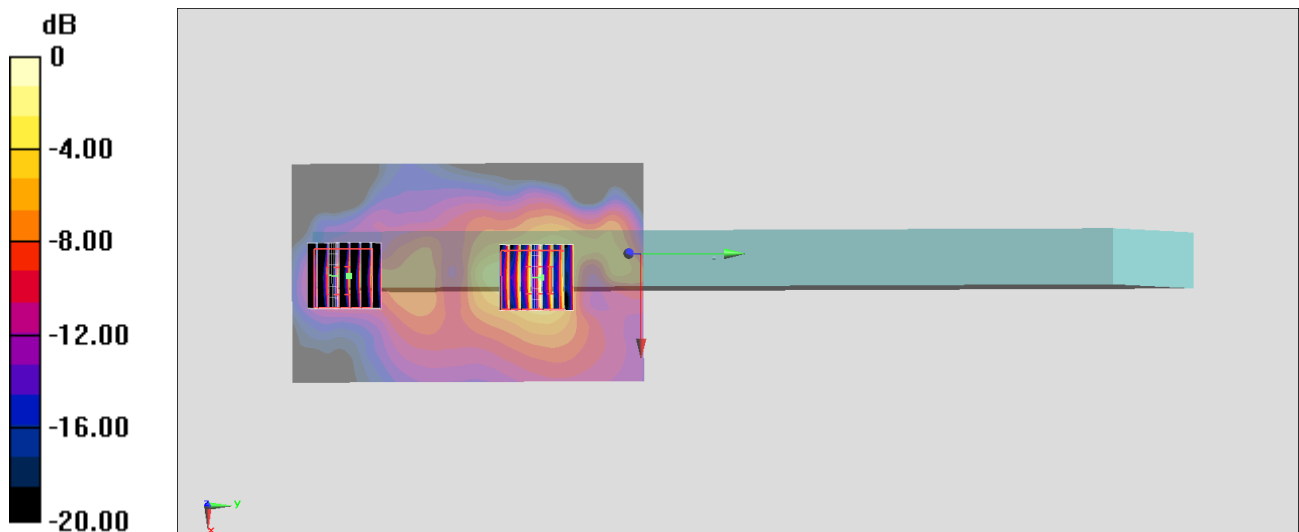
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.05 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

#05_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch171;Ant 1+2

Communication System: 802.11ac; Frequency: 5855 MHz; Duty Cycle: 1:1.096

Medium: HSL_5G_220920 Medium parameters used: $f = 5855$ MHz; $\sigma = 5.472$ S/m; $\epsilon_r = 35.795$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5855 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.82 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.636 W/kg

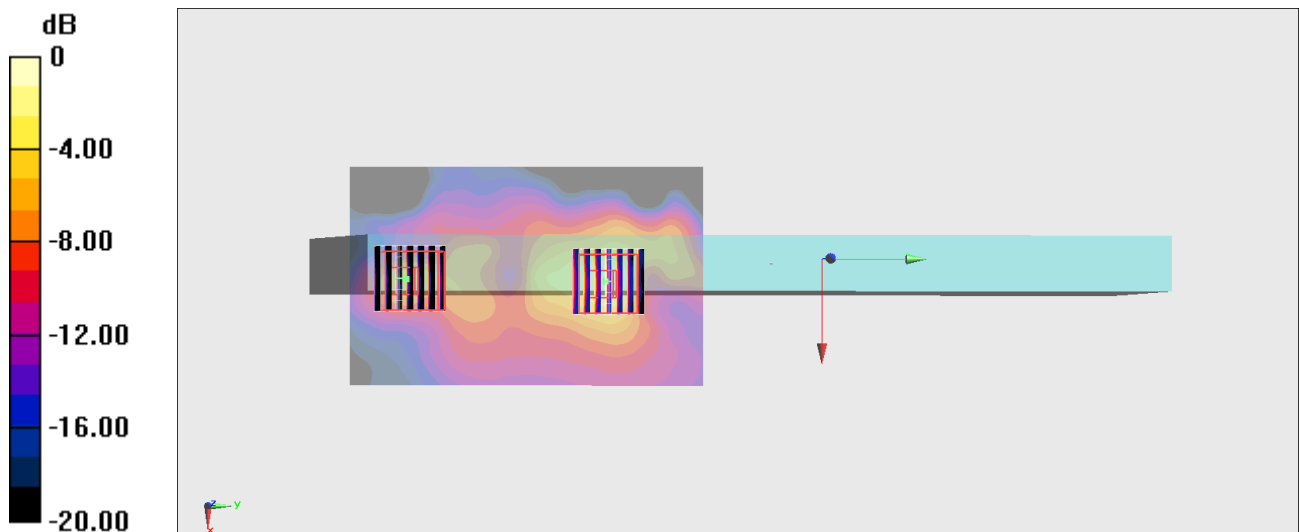
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

#06_WLAN6GHz_802.11ax-HE160 MCS0_Edge 1_0mm_Ch175;Ant 1

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency: 6825.0 MHz; Duty Cycle: 1:1.044

Medium: HSL_6G_221005 Medium parameters used: $f = 6825.0$ MHz; $\sigma = 6.56$ S/m; $\epsilon_r = 34.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.45, 5.45, 5.45); Calibrated: 2022-03-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2022-01-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10743-AAC

Area Scan (68.0 mm x 136.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

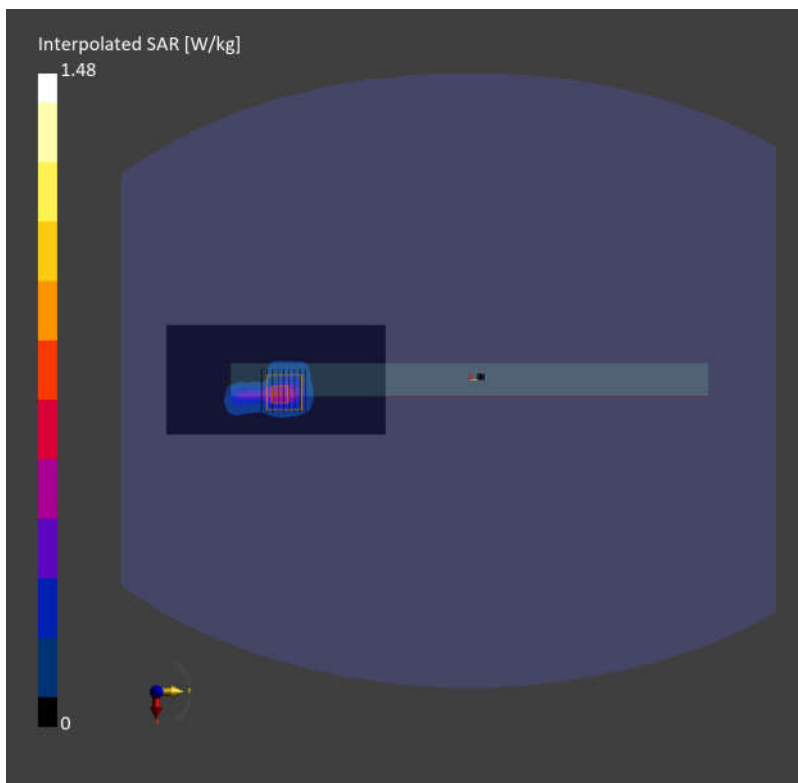
SAR (1g) = 0.496 W/kg; SAR (10g) = 0.161 W/kg;

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

Power Drift = -0.08 dB

SAR (1g) = 0.490 W/kg; SAR (8g) = 0.179 W/kg; SAR (10g) = 0.157 W/kg

psAPD (1.0cm², sq) = 4.90 [W/m²]; psAPD (4.0cm², sq) = 3.58 [W/m²]



#07_Bluetooth_1Mbps_Edge 1_0mm_Ch39;Ant 2

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

Medium: HSL_2450_220919 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.814$ S/m; $\epsilon_r = 39.652$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(7.91, 7.91, 7.91) @ 2441 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- 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) = 0.0204 W/kg

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

Reference Value = 2.024 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00524 W/kg

Maximum value of SAR (measured) = 0.0176 W/kg

