

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.001

Medium: HSL_2450_220827 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 39.474$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(8.07, 8.07, 8.07) @ 2437 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x281x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.812 W/kg

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

Reference Value = 18.25 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.981 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.777 W/kg

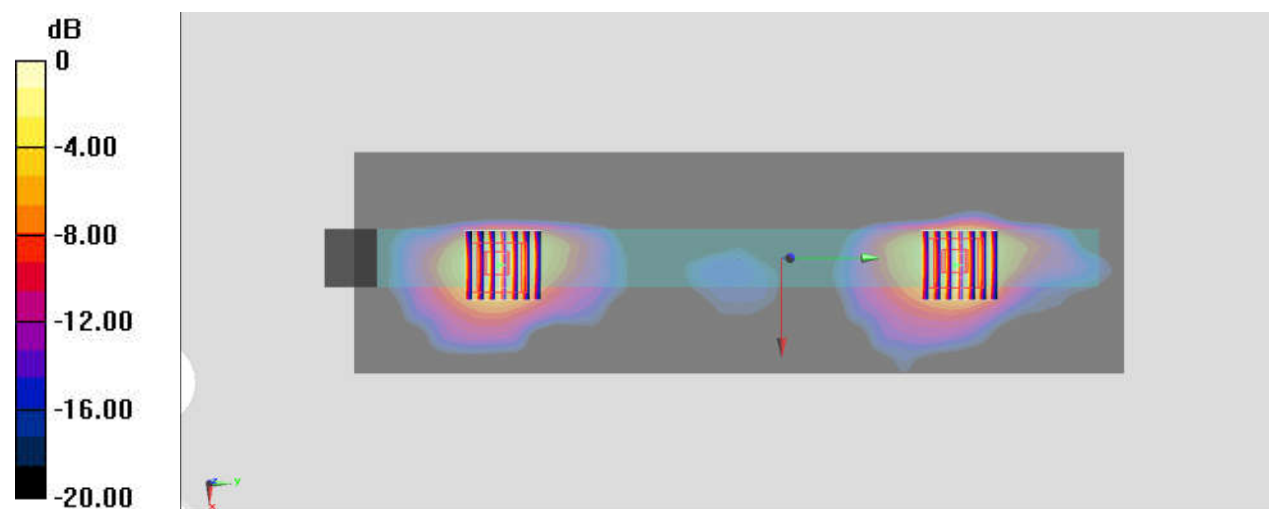
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.25 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.727 W/kg



#02_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.006

Medium: HSL_5G_220828 Medium parameters used : $f = 5300$ MHz; $\sigma = 4.733$ S/m; $\epsilon_r = 36.341$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.6, 5.6, 5.6) @ 5300 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x341x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

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

Reference Value = 21.02 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 1.64 W/kg

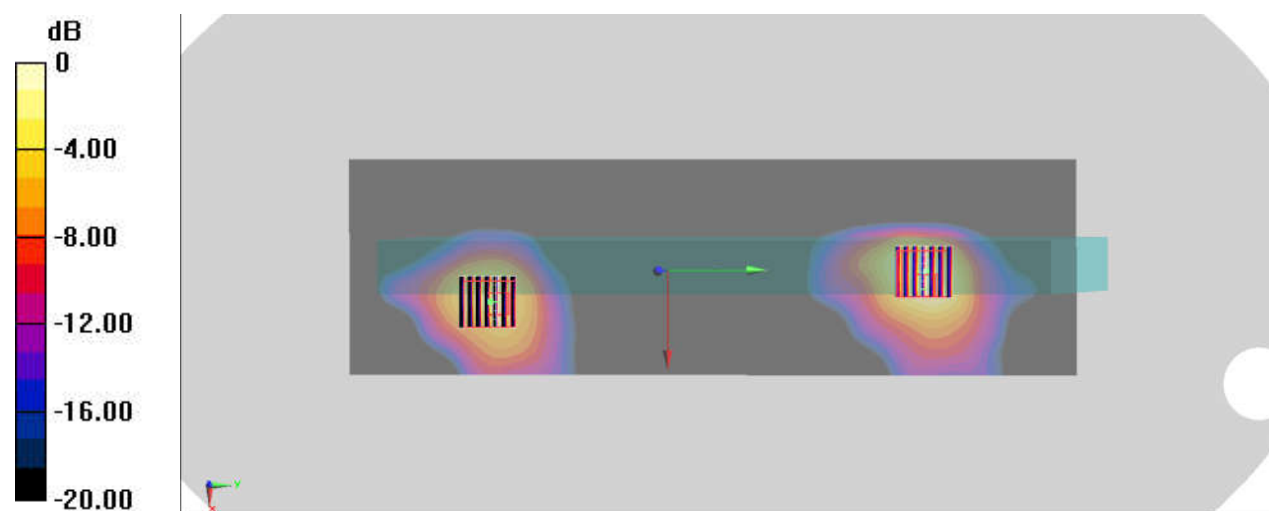
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 21.02 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch116

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.006

Medium: HSL_5G_220804 Medium parameters used: $f = 5580$ MHz; $\sigma = 4.946$ S/m; $\epsilon_r = 35.769$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7628; ConvF(4.93, 4.93, 4.93) @ 5580 MHz; Calibrated: 2022/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 (141x341x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.33 W/kg

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

Reference Value = 11.66 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 1.83 W/kg

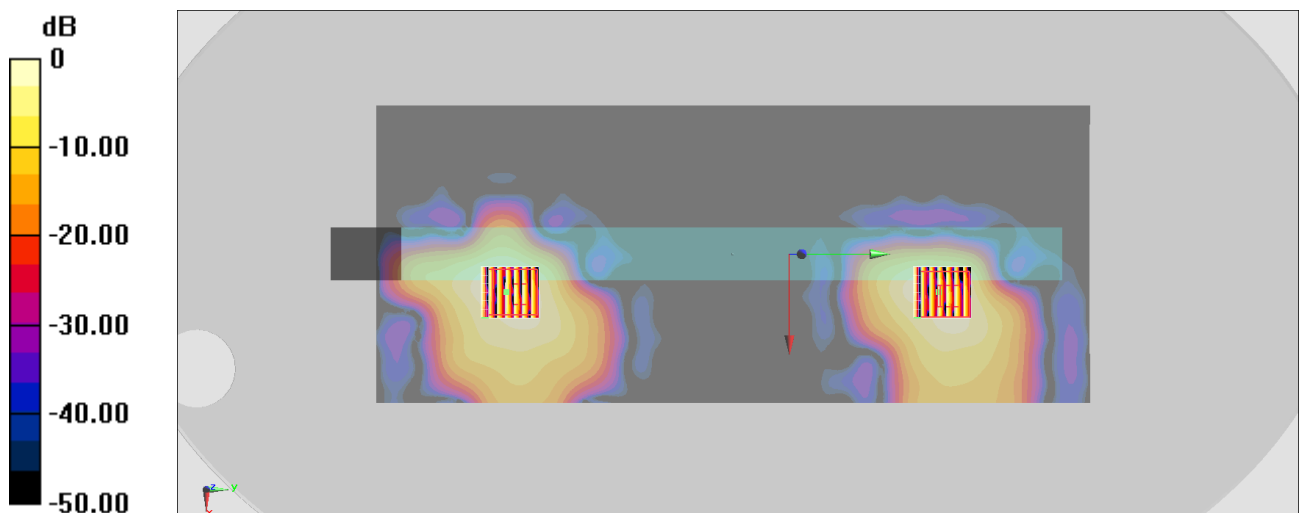
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.66 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.006

Medium: HSL_5G_220804 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.103$ S/m; $\epsilon_r = 35.499$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7628; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2022/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 (141x341x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.64 W/kg

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

Reference Value = 11.69 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.154 W/kg

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

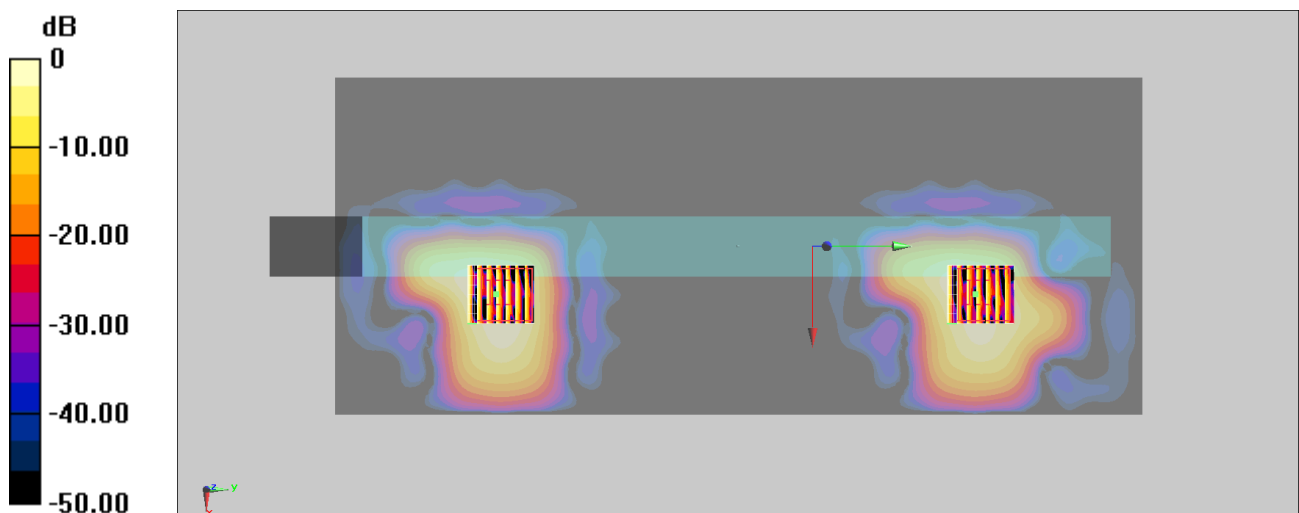
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.69 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.788 W/kg



0 dB = 0.788 W/kg = -1.03 dBW/kg

#05_WLAN5GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch175

Communication System: 802.11n; Frequency: 5875 MHz; Duty Cycle: 1:1.003

Medium: HSL_5G_220902 Medium parameters used : $f = 5875$ MHz; $\sigma = 5.374$ S/m; $\epsilon_r = 35.95$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.78, 4.78, 4.78) @ 5875 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 (101x361x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.23 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.301 W/kg

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

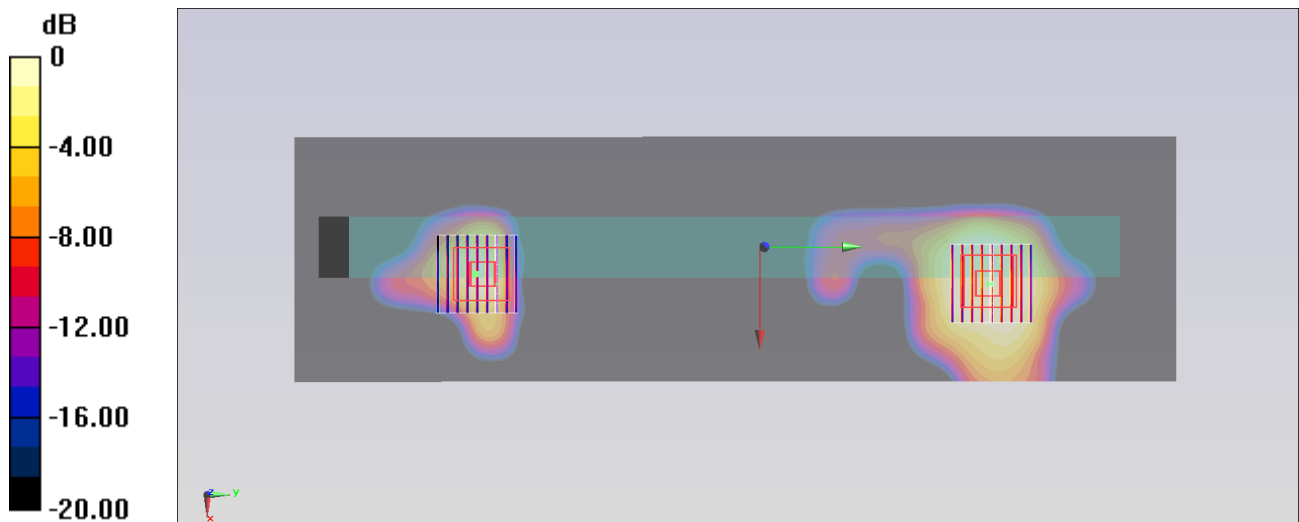
Zoom Scan (9x9x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.23 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.622 W/kg



#06_WLAN6GHz_802.11a 6Mbps_Edge 1_0mm_Ch173

Communication System: U-NII-7; Frequency: 6815.0 ; Duty Cycle: 1:1.01

Medium: HSL_6G_220805 Medium parameters used: $f = 6815.0$ MHz; $\sigma = 6.58$ S/m; $\epsilon_r = 34.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7628; ConvF(5.45, 5.45, 5.45); Calibrated: 2022/6/22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10671-AAC
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (85.0 mm x 340.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.326 W/kg; SAR (10g) = 0.119 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

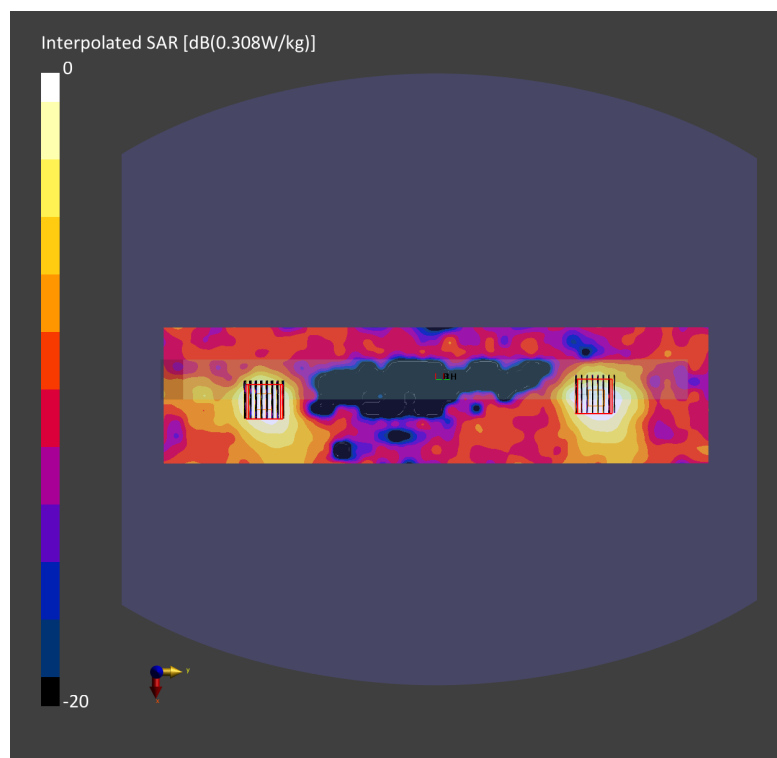
Power Drift = 0.16 dB

SAR (1g) = 0.308 W/kg; SAR (8g) = 0.116 W/kg; SAR (10g) = 0.1 W/kg;

psAPD (1.0cm², sq) = 3.08 [W/m²]; psAPD (4.0cm², sq) = 2.32 [W/m²]

SAR (1g) = 0.295 W/kg; SAR (8g) = 0.114 W/kg; SAR (10g) = 0.098 W/kg;

psAPD (1.0cm², sq) = 2.95 [W/m²]; psAPD (4.0cm², sq) = 2.27 [W/m²]



#07_Bluetooth_1Mbps_Edge 1_0mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.295

Medium: HSL_2450_220827 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.763$ S/m; $\epsilon_r = 39.623$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(8.07, 8.07, 8.07) @ 2402 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.214 W/kg

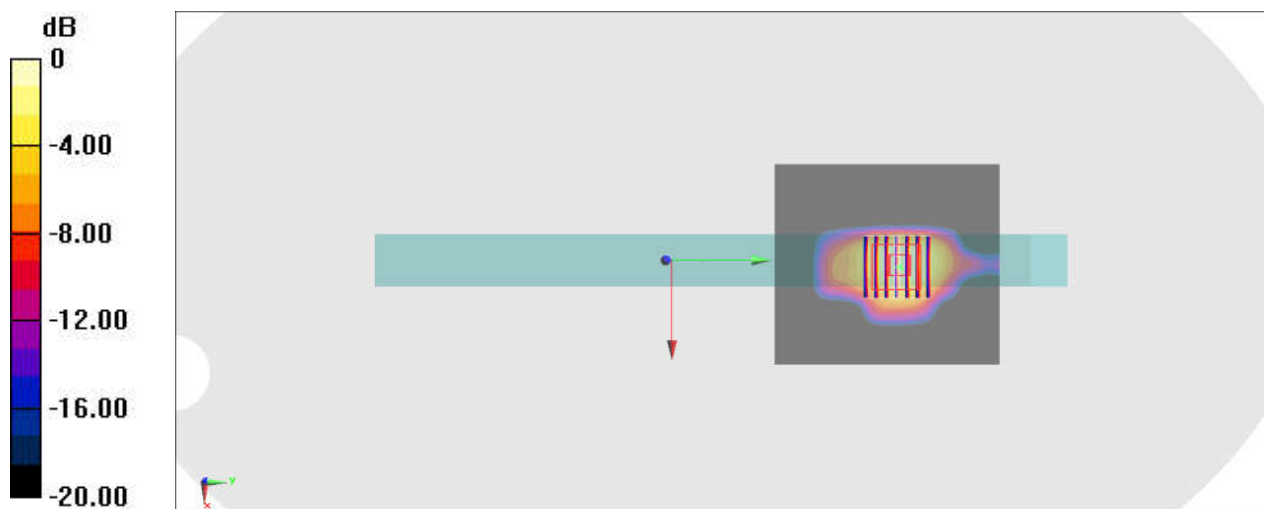
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.604 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg