

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 3_0mm_Ch6;Ant 1+2

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1.007

Medium: MSL_2450_180718 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 53.516$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.8, 7.8, 7.8); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (81x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 12.09 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.328 W/kg

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

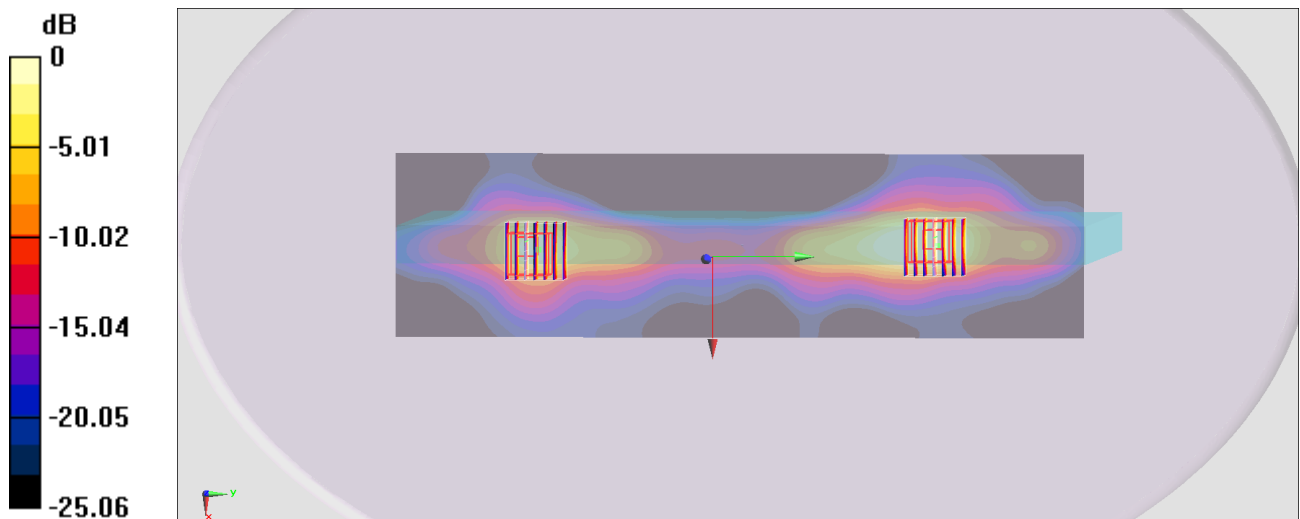
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.09 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.585 W/kg = -2.33 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Edge 3_0mm_Ch62;Ant 1+2

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.116

Medium: MSL_5G_180720 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.598$ S/m; $\epsilon_r = 49.126$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (81x401x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

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

Reference Value = 2.326 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.125 W/kg

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

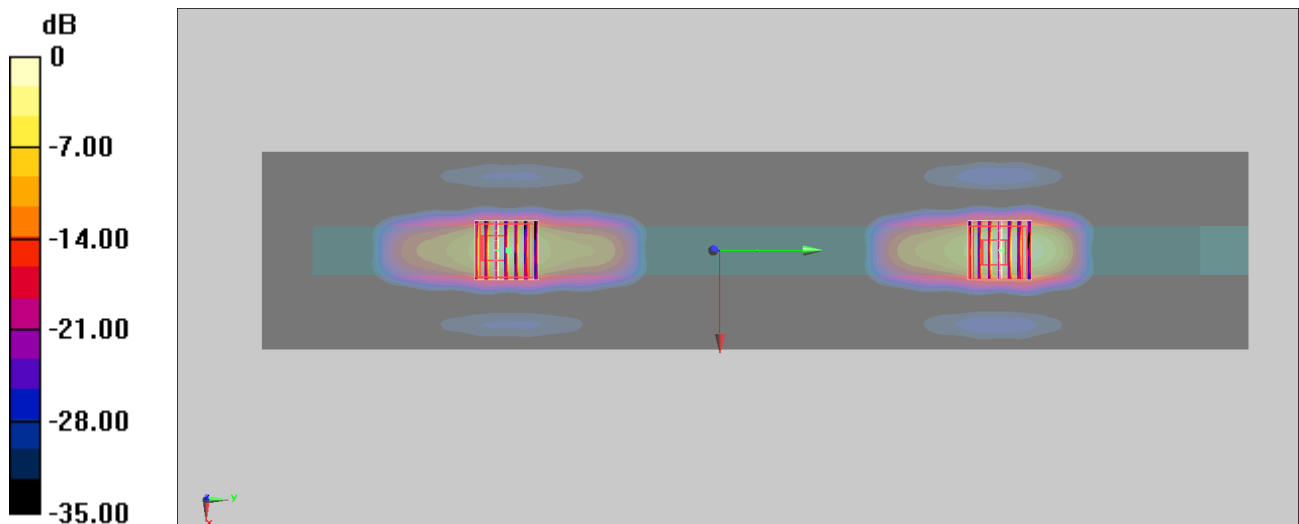
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.326 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch138;Ant 1+2

Communication System: 802.11ac ; Frequency: 5690 MHz;Duty Cycle: 1:1.15

Medium: MSL_5G_180720 Medium parameters used : $f = 5690$ MHz; $\sigma = 6.101$ S/m; $\epsilon_r = 48.488$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7437)

Area Scan (81x401x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

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

Reference Value = 7.069 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 2.37 W/kg

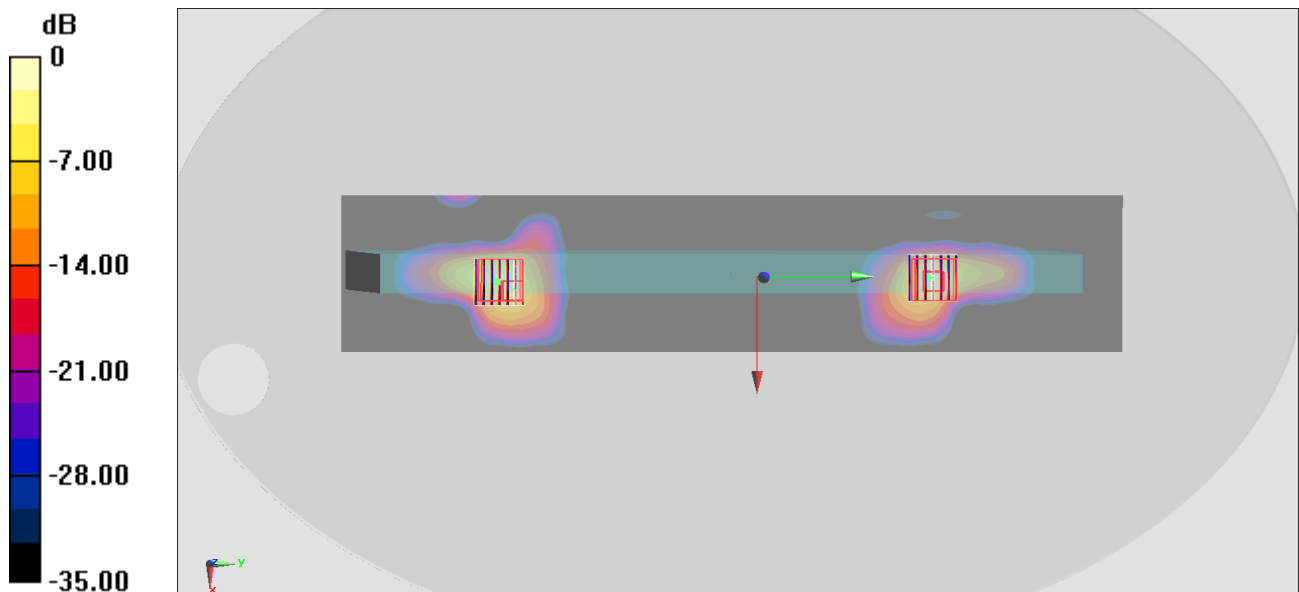
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.069 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.174 W/kg

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



0 dB = 1.70 W/kg = 2.30 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 3_0mm_Ch159;Ant 1+2

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1.116

Medium: MSL_5G_180720 Medium parameters used: $f = 5795$ MHz; $\sigma = 6.247$ S/m; $\epsilon_r = 48.315$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (81x401x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

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

Reference Value = 5.506 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.42 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.224 W/kg

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

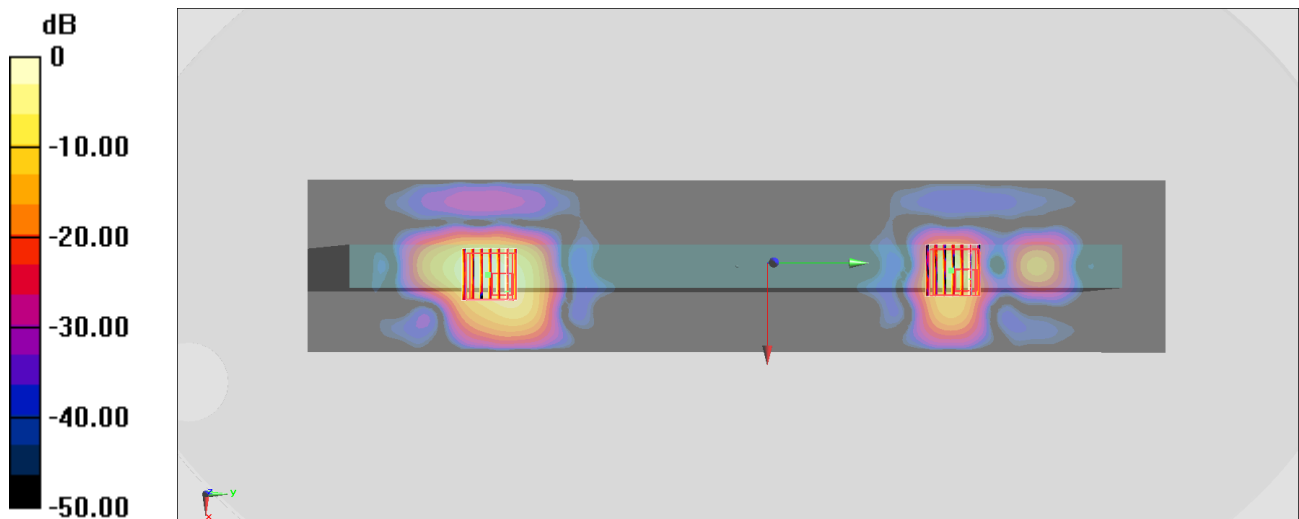
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.506 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

#05_Bluetooth_1Mbps_Edge 3_0mm_Ch78;Ant 2

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.306

Medium: MSL_2450_180718 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 53.354$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.8, 7.8, 7.8); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0398 W/kg

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

Reference Value = 1.629 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00338 W/kg

Maximum value of SAR (measured) = 0.0177 W/kg

