

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.01

Medium: MSL_2450_171206 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 52.032$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.94, 7.94, 7.94); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x261x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.22 W/kg

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

Reference Value = 11.13 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.839 W/kg

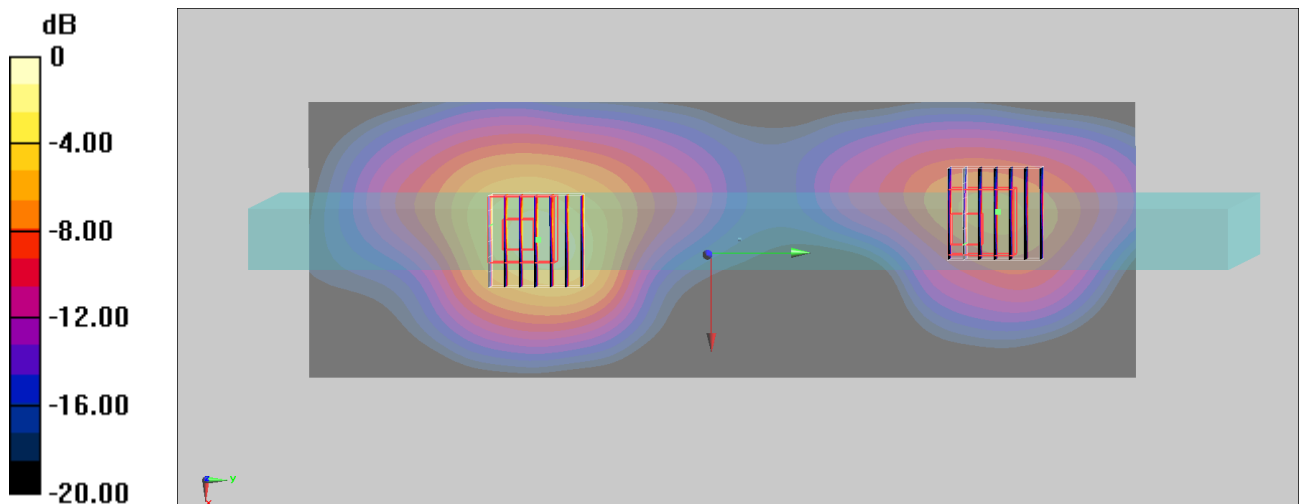
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.13 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.489 W/kg

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch64

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_171205 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.472$ S/m; $\epsilon_r = 47.712$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: ELI v5.0_Right; Type: QDOVA002AA; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x281x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.915 W/kg

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

Reference Value = 7.460 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

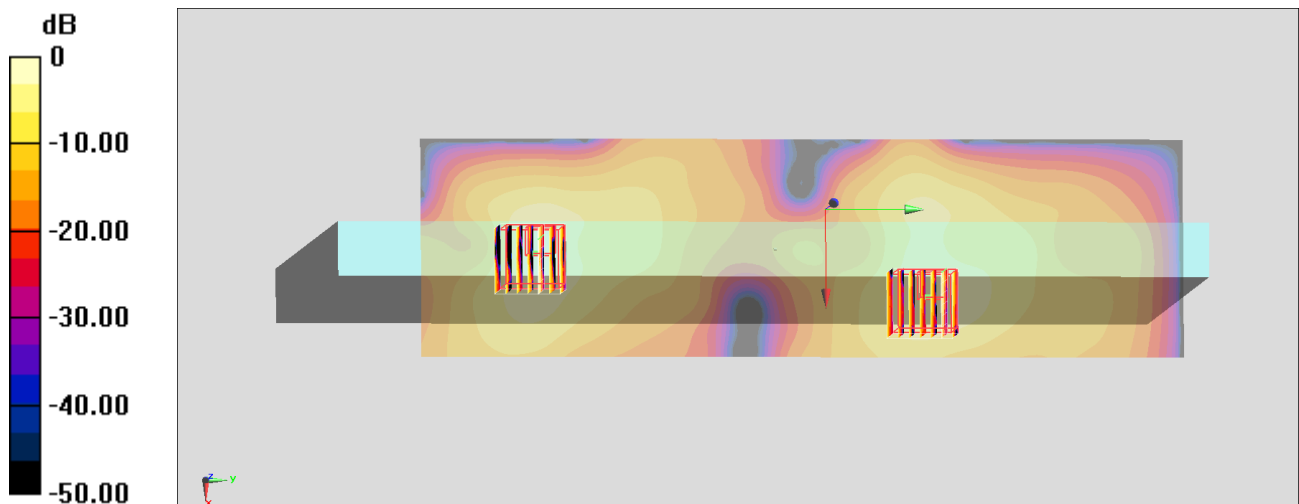
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.460 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch132

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_171205 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.922$ S/m; $\epsilon_r = 47.136$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: ELI v5.0_Right; Type: QDOVA002AA; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x281x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.73 W/kg

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

Reference Value = 15.50 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 1.76 W/kg

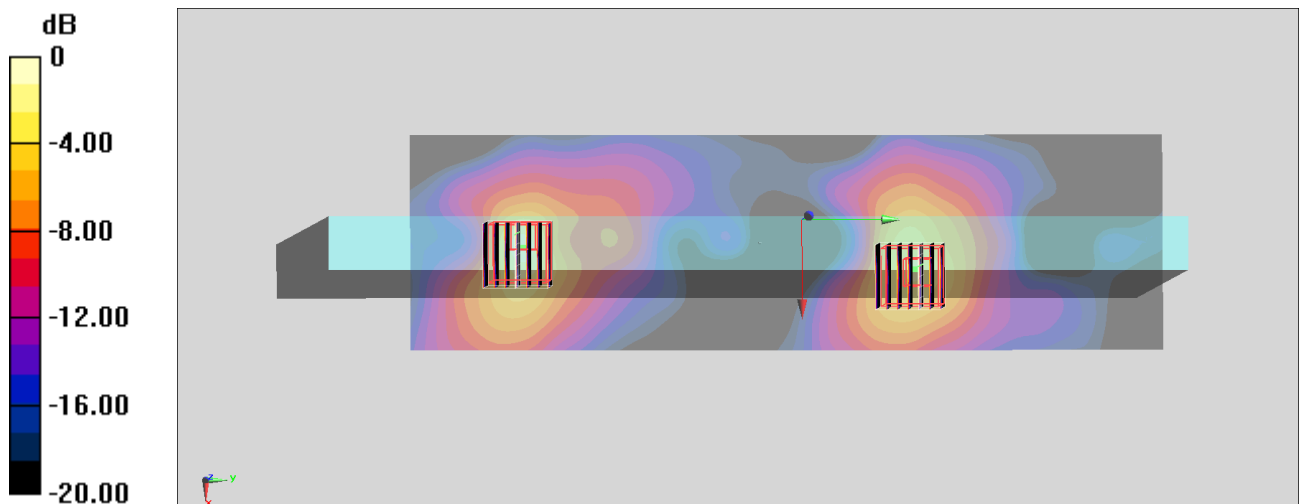
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.50 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch149

Communication System: 802.11a ; Frequency: 5745 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_171205 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.04$ S/m; $\epsilon_r = 47.007$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: ELI v5.0_Right; Type: QDOVA002AA; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x281x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

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

Reference Value = 9.241 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.11 W/kg

SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.205 W/kg

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

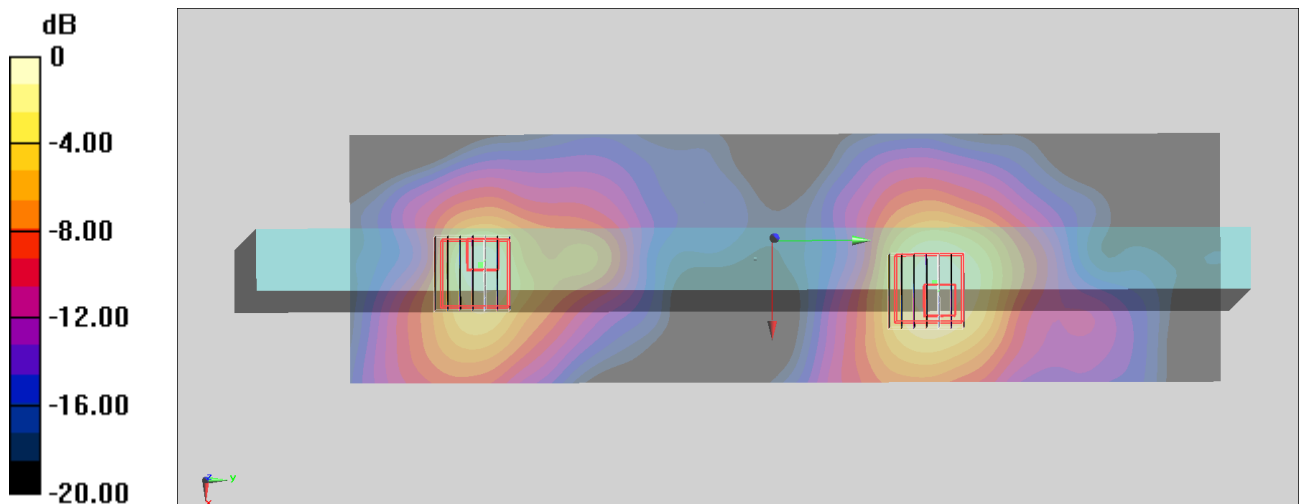
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.241 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

#05_Bluetooth_1Mbps_Edge 1_0mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.31

Medium: MSL_2450_171206 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.939$ S/m; $\epsilon_r = 52.073$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.94, 7.94, 7.94); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0273 W/kg

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

Reference Value = 2.822 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.00965 W/kg; SAR(10 g) = 0.00279 W/kg

Maximum value of SAR (measured) = 0.0197 W/kg

