

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 2_0cm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.013

Medium: MSL_2450_150117 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 54.254$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

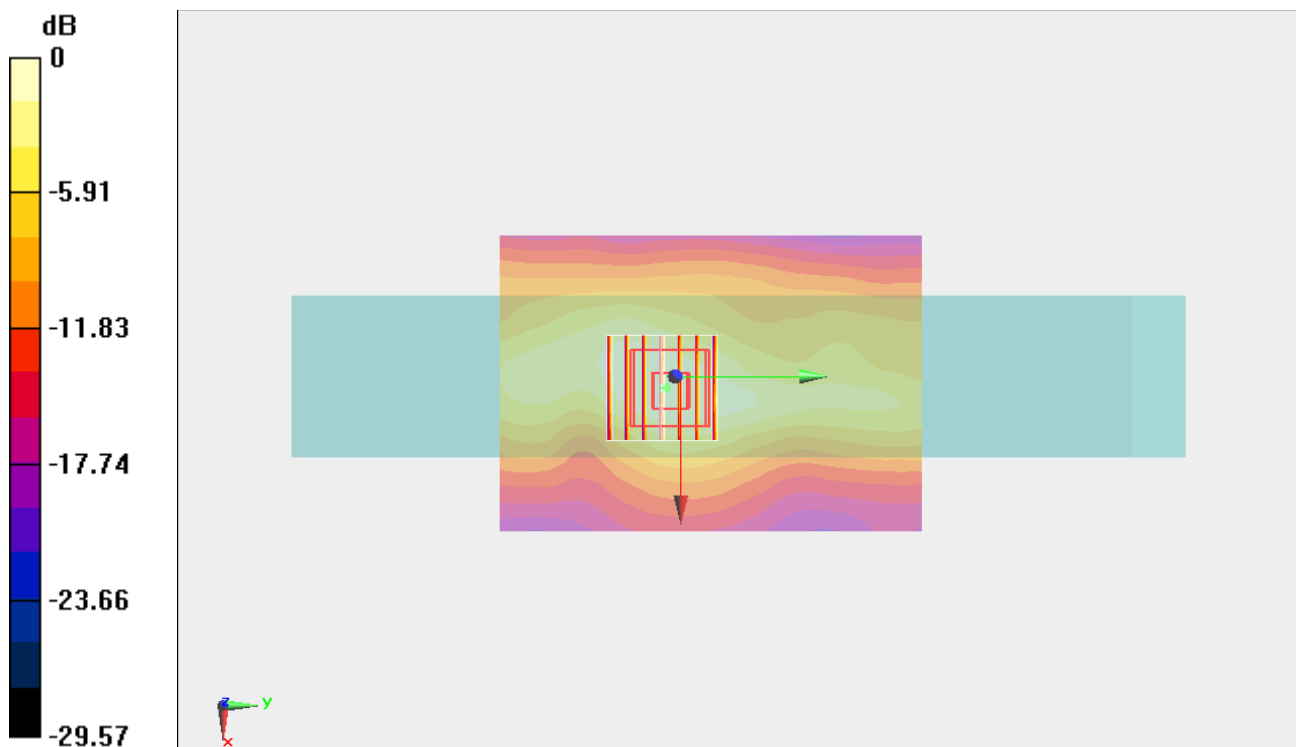
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.720 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.588 W/kg = -2.31 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Edge 2_0cm_Ch48;Ant Aux

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_150117 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.345$ S/m; $\epsilon_r = 47.757$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.61, 4.61, 4.61); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch48/Area Scan (81x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

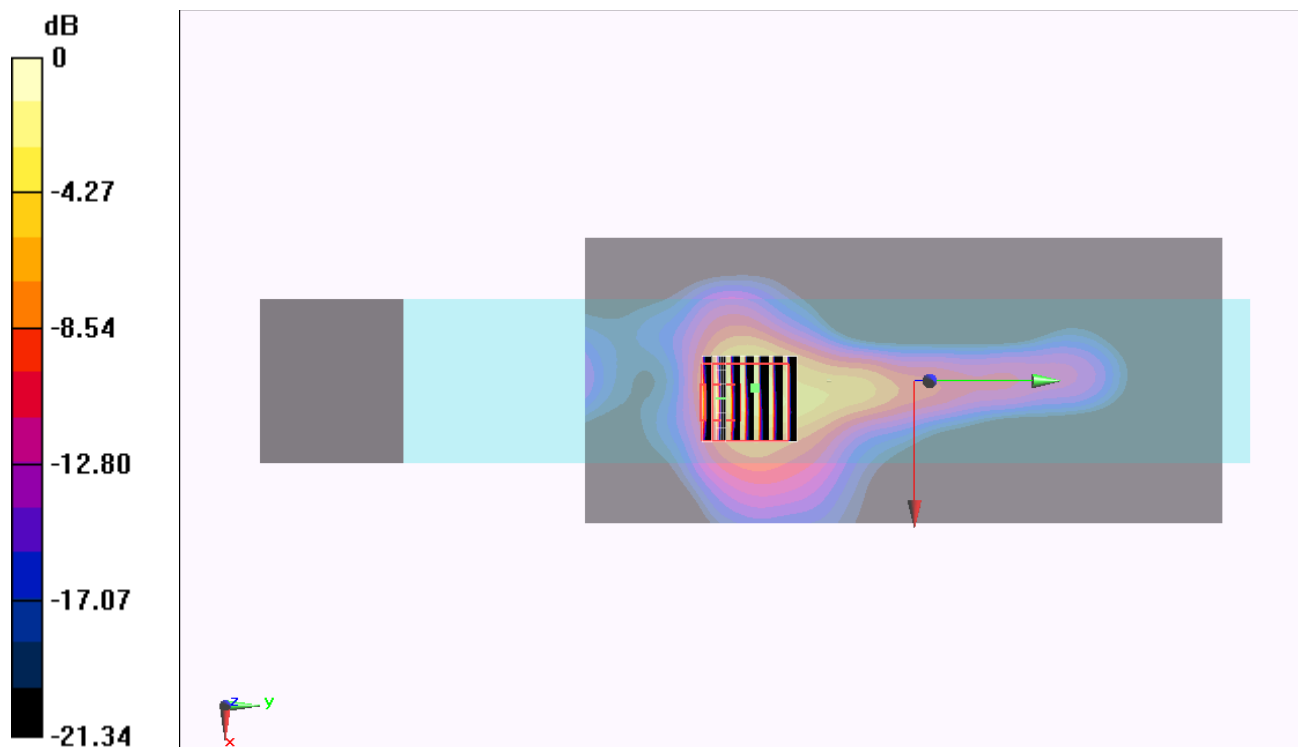
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.643 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 1.95 W/kg



0 dB = 1.95 W/kg = 2.90 dBW/kg

#03_WLAN5GHz_802.11ac-VHT40 MCS0_Edge 2_0cm_Ch54;Ant Aux

Communication System: 802.11ac; Frequency: 5270 MHz; Duty Cycle: 1:1.021

Medium: MSL_5G_150119 Medium parameters used : $f = 5270$ MHz; $\sigma = 5.537$ S/m; $\epsilon_r = 47.494$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch54/Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

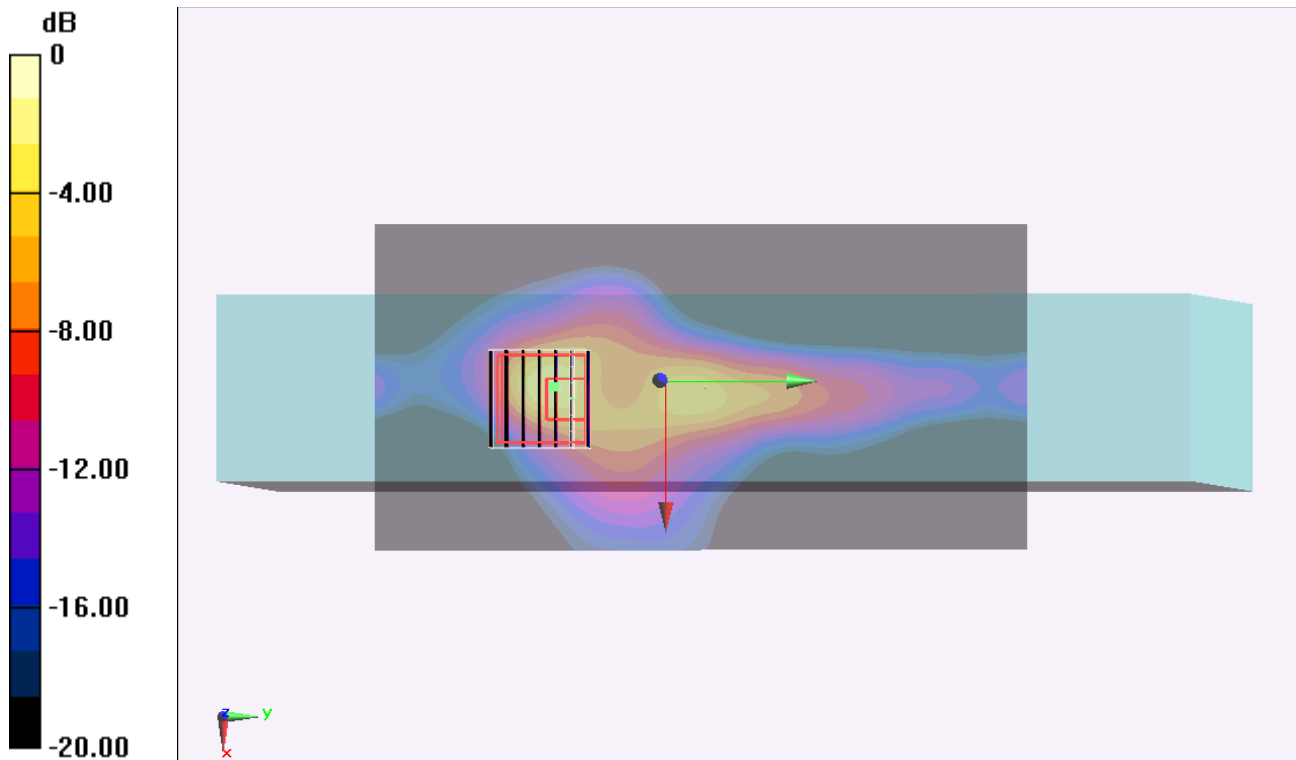
Configuration/Ch54/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.153 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

#04_WLAN5GHz_802.11ac-VHT40 MCS0_Edge 2_0cm_Ch110;Ant Aux

Communication System: 802.11ac; Frequency: 5550 MHz; Duty Cycle: 1:1.021

Medium: MSL_5G_150121 Medium parameters used: $f = 5550$ MHz; $\sigma = 5.723$ S/m; $\epsilon_r = 46.997$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(3.74, 3.74, 3.74); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch110/Area Scan (81x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

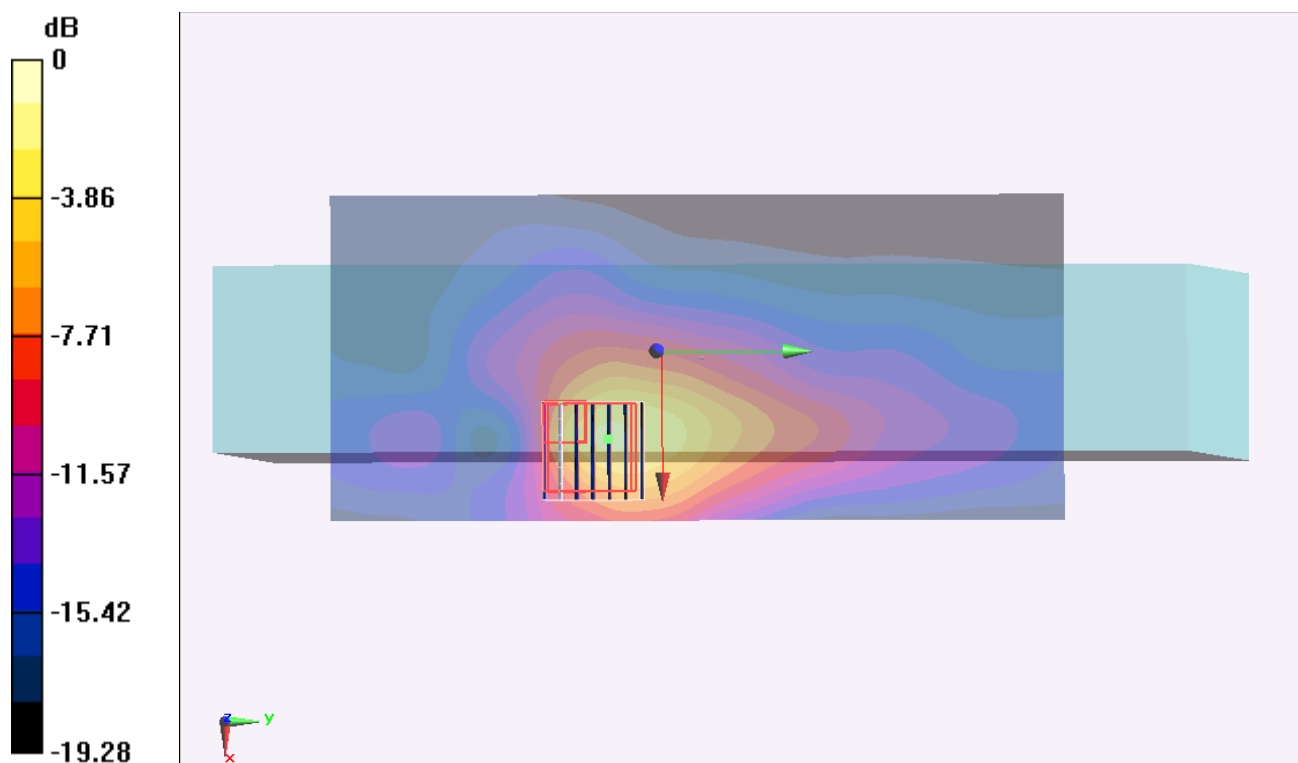
Configuration/Ch110/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.499 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.173 W/kg

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



#05_WLAN5GHz_802.11n-HT40 MCS0_Edge 2_0cm_Ch151;Ant Aux

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.025

Medium: MSL_5G_150121 Medium parameters used : $f = 5755$ MHz; $\sigma = 6.059$ S/m; $\epsilon_r = 46.771$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(3.96, 3.96, 3.96); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch151/Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

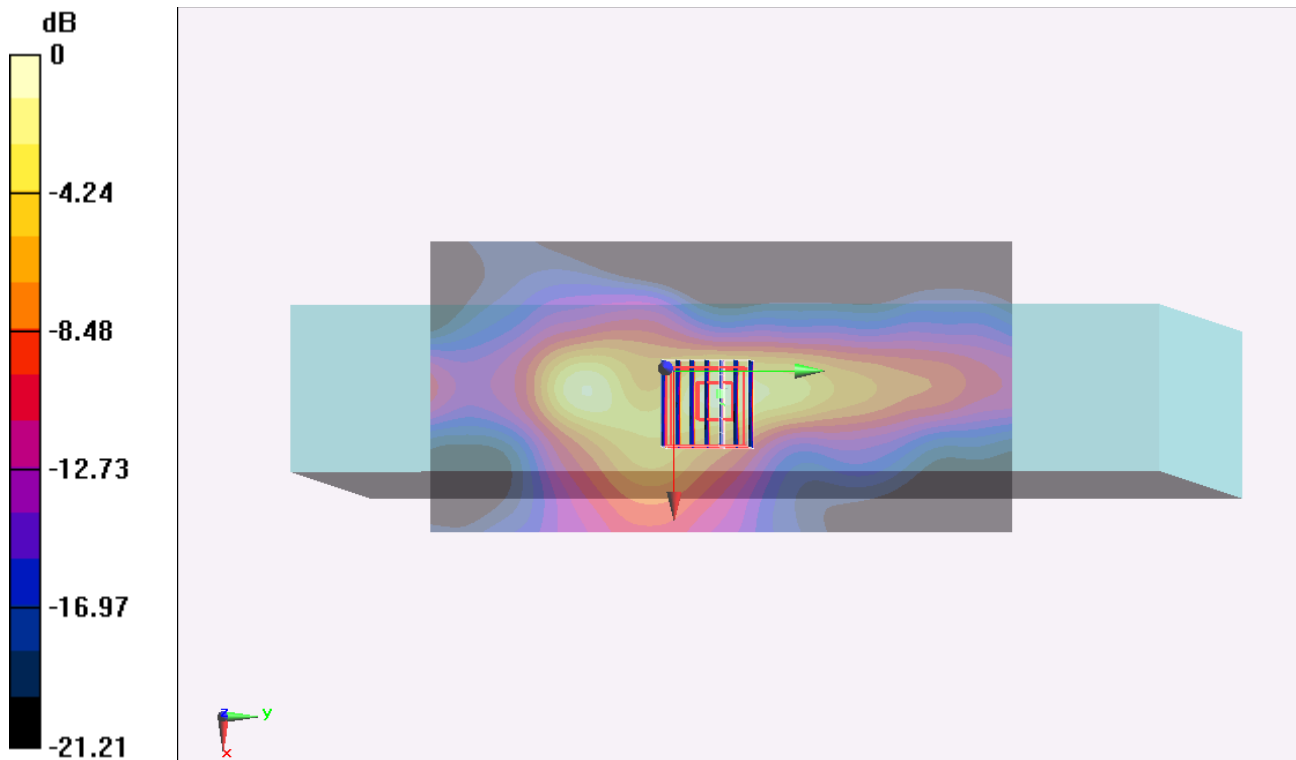
Configuration/Ch151/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.199 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg