

#01_WLAN2.4GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch6;Ant Main

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1.105

Medium: MSL_2450_150319 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 51.83$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.852 W/kg

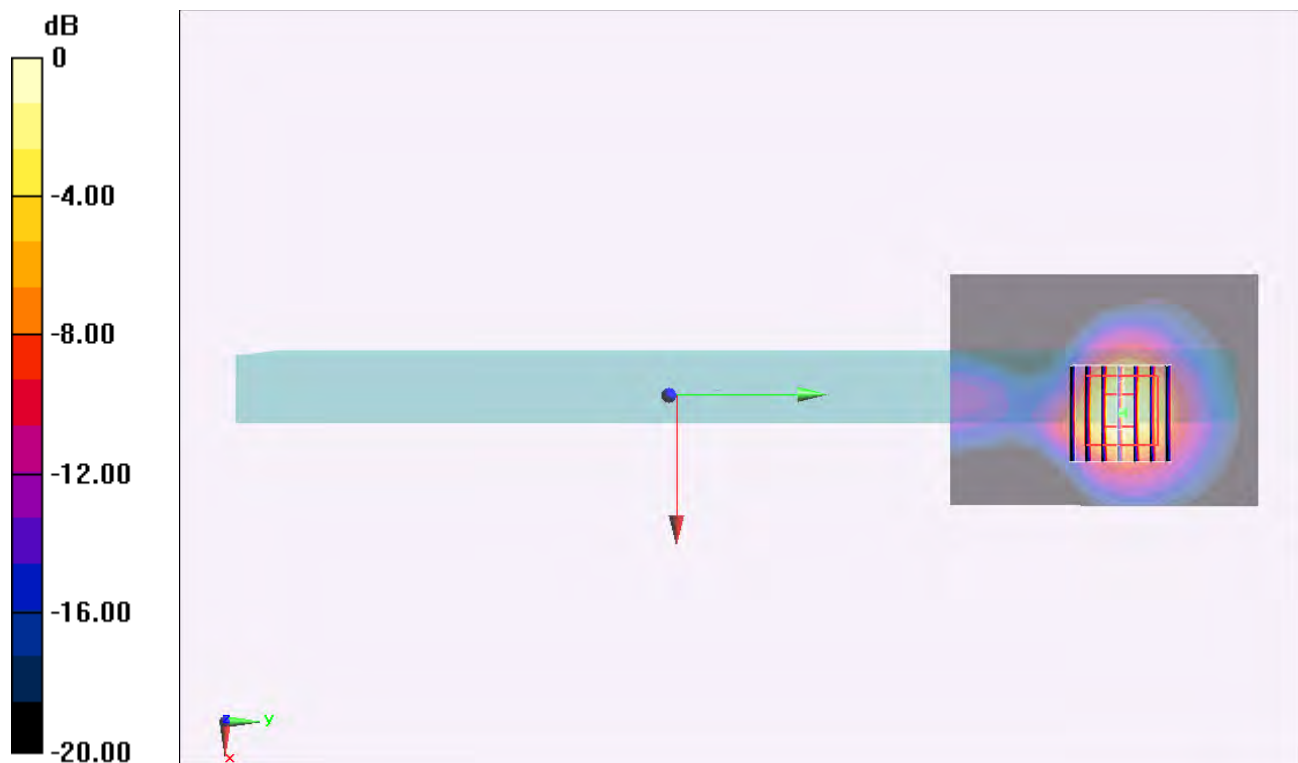
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.076 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch44;Ant Main

Communication System: 802.11a ; Frequency: 5220 MHz;Duty Cycle: 1:1.053

Medium: MSL_5G_150323 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.368$ S/m; $\epsilon_r = 48.294$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.32, 4.32, 4.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch44/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.758 W/kg

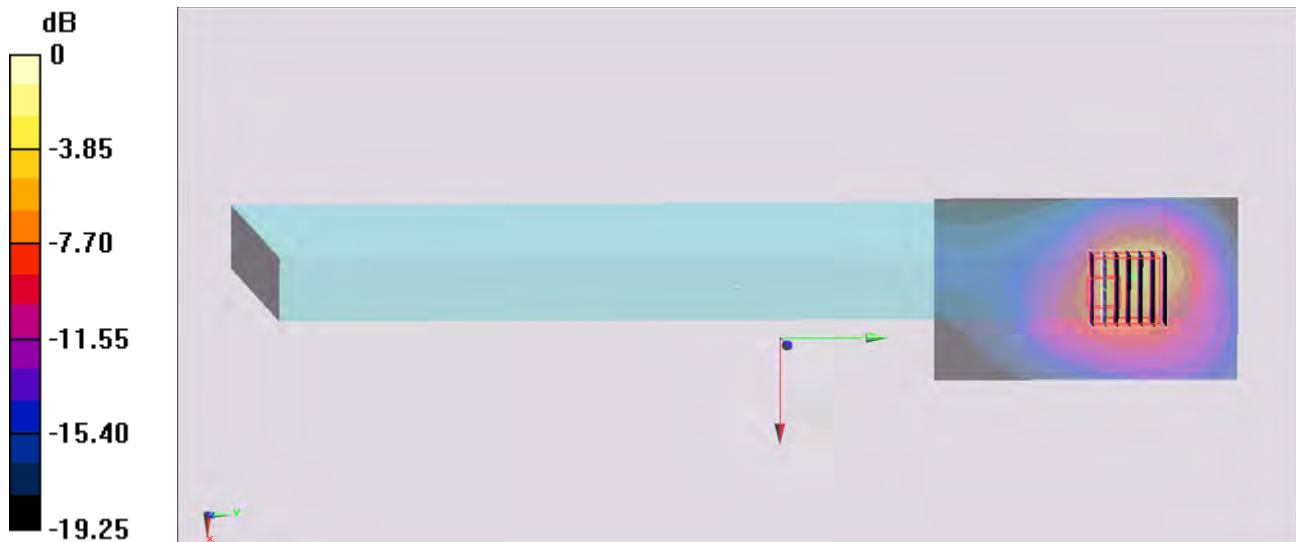
Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.516 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.83 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch52;Ant Main

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_150324 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.431$ S/m; $\epsilon_r = 47.782$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.15, 4.15, 4.15); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch52/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

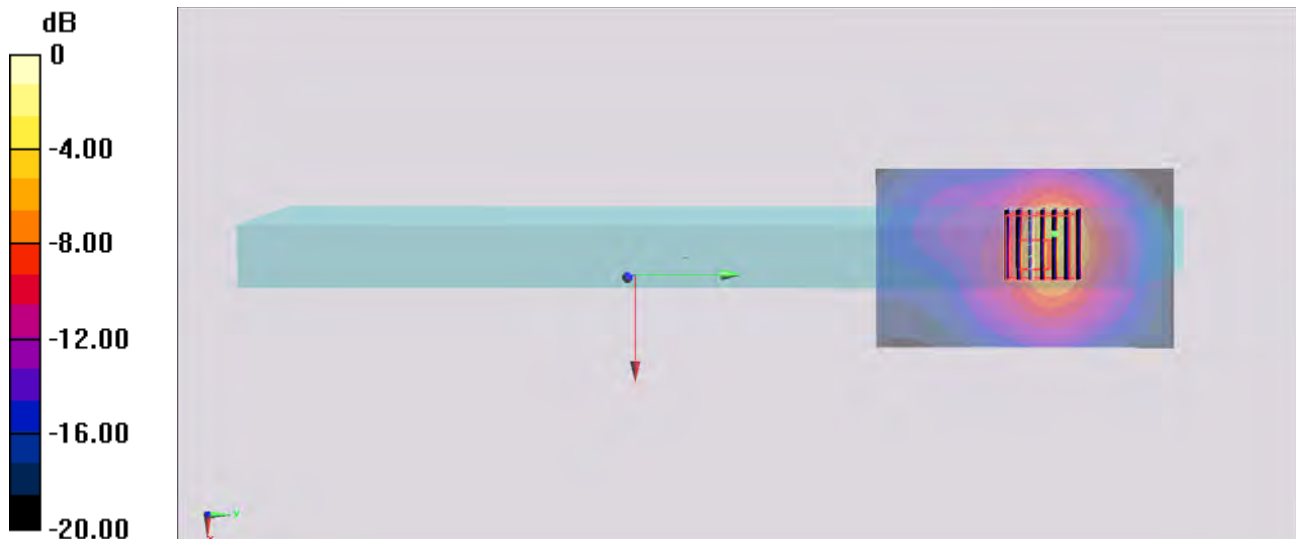
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.408 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.14 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch100;Ant Main

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_150324 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.775$ S/m; $\epsilon_r = 47.399$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(3.92, 3.92, 3.92); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch100/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.91 W/kg

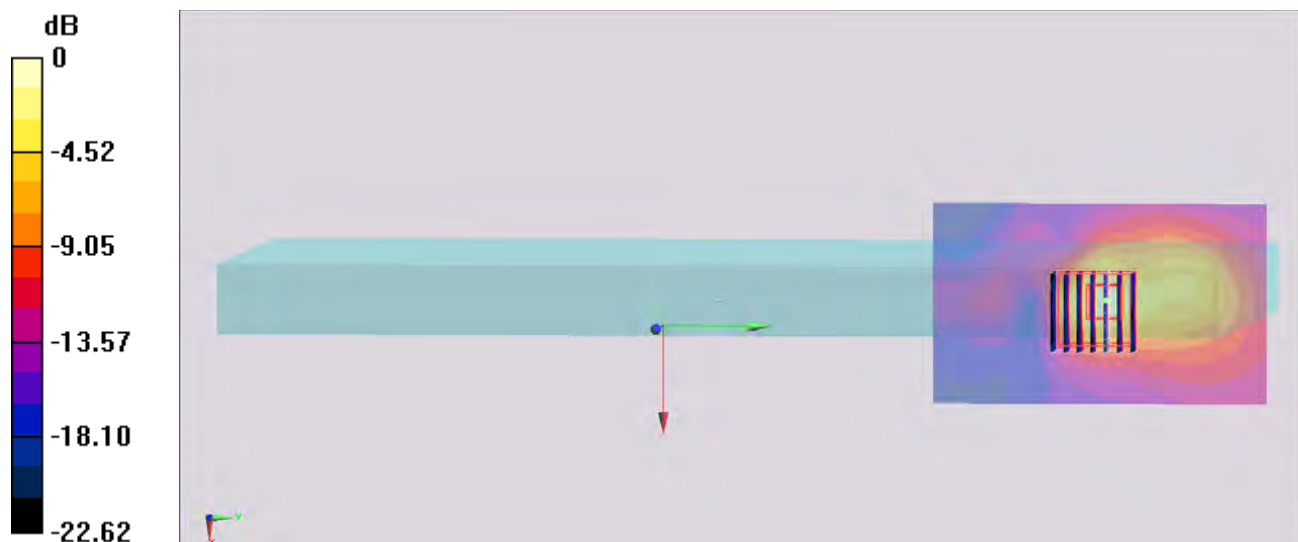
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.145 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.82 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

#05_WLAN5GHz_802.11ac-VHT20 MCS0_Edge 1_0mm_Ch165;Ant Main

Communication System: 802.11ac ; Frequency: 5825 MHz;Duty Cycle: 1:1.016

Medium: MSL_5G_150326 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.299$ S/m; $\epsilon_r = 46.861$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch165/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.51 W/kg

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.54 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 5.38 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 2.69 W/kg

