

#01_WLAN2.4GHz_802.11n-HT40 MCS0_Bottom Face_0mm_Ch6;Ant A

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1.032

Medium: MSL_2450_150422 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.987$ mho/m; $\epsilon_r = 52.615$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (71x61x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.55 mW/g

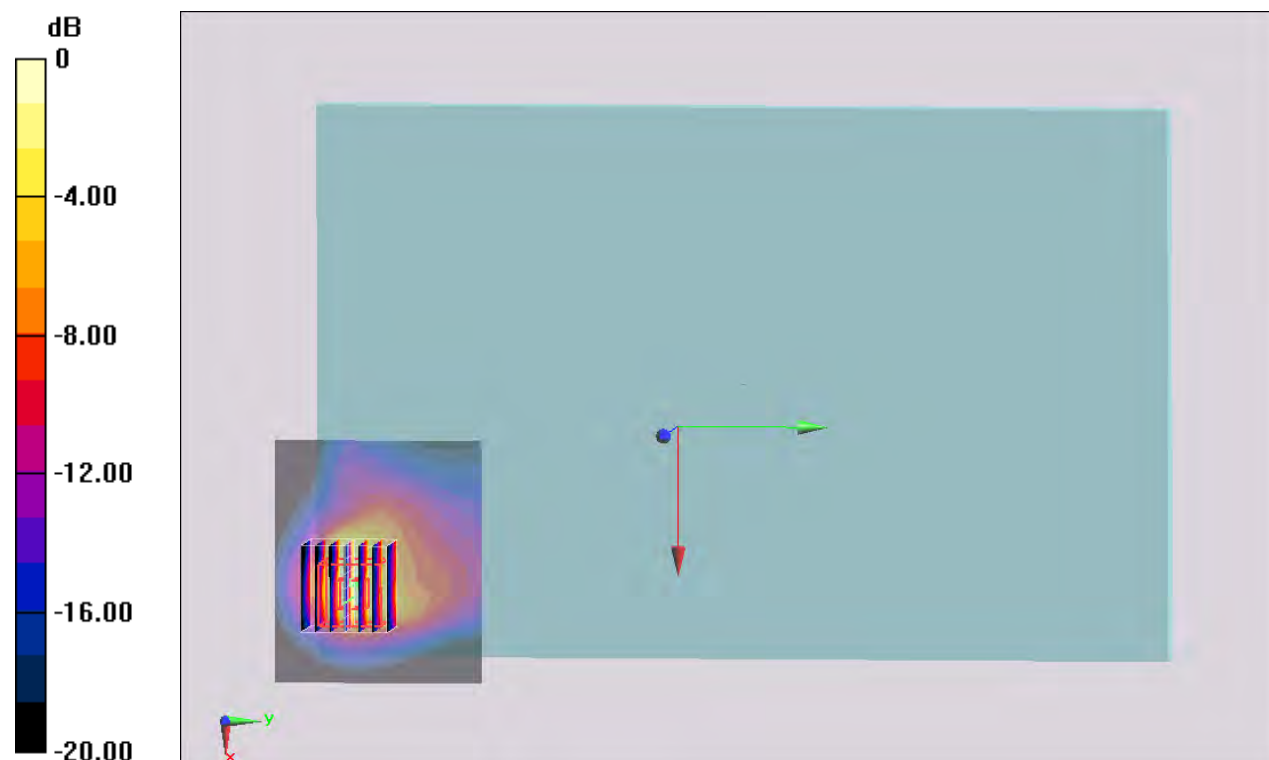
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.031 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.249 mW/g

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 1.68 mW/g



#02_WLAN5GHz_802.11ac-VHT40 MCS0_Edge 1_0mm_Ch46;Ant B

Communication System: 802.11ac; Frequency: 5230 MHz; Duty Cycle: 1:1.025

Medium: MSL_5G_150409 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.409$ S/m; $\epsilon_r = 47.403$; $\rho = 1000$ 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 v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch46/Area Scan (41x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.824 W/kg

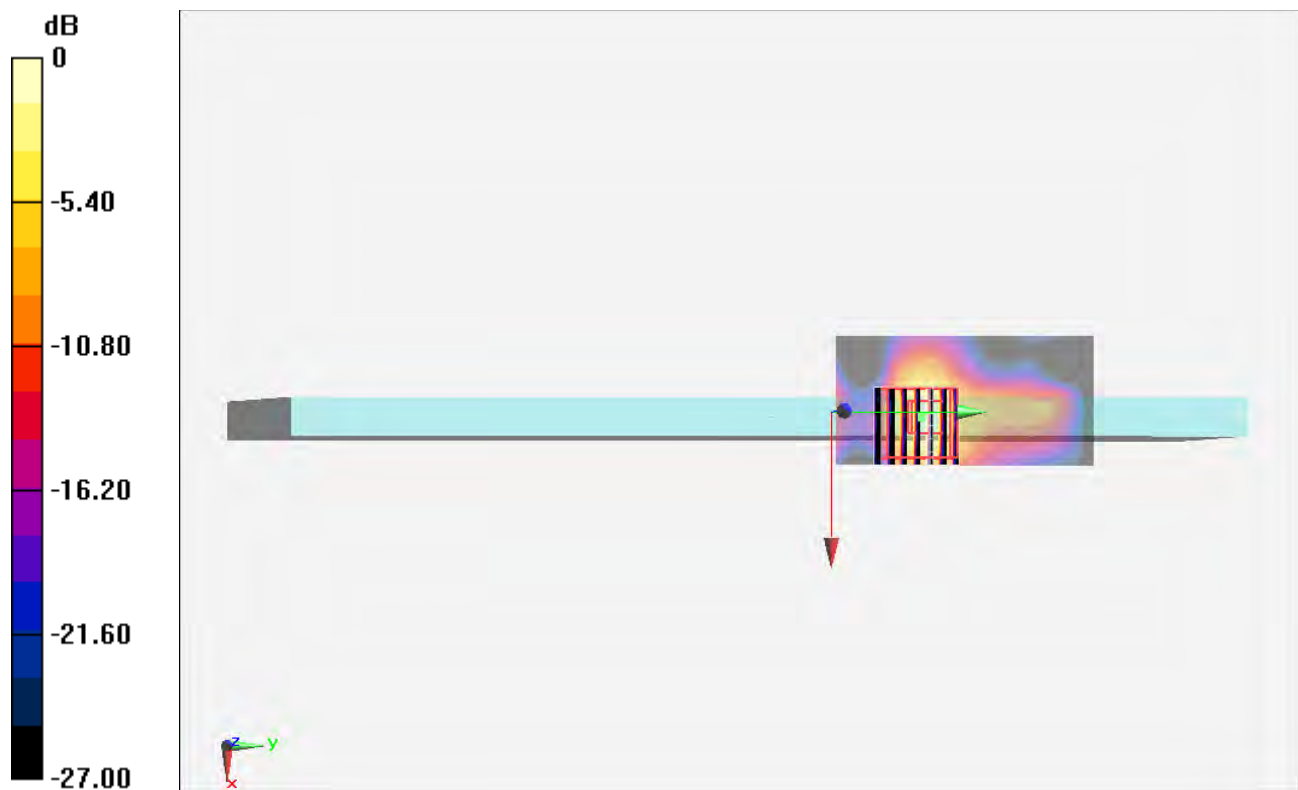
Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.161 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.722 W/kg



#03_WLAN5GHz_802.11ac-VHT20 MCS0_Edge 1_0mm_Ch60;Ant B

Communication System: 802.11ac; Frequency: 5300 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_150409 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.512$ S/m; $\epsilon_r = 47.309$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.59 W/kg

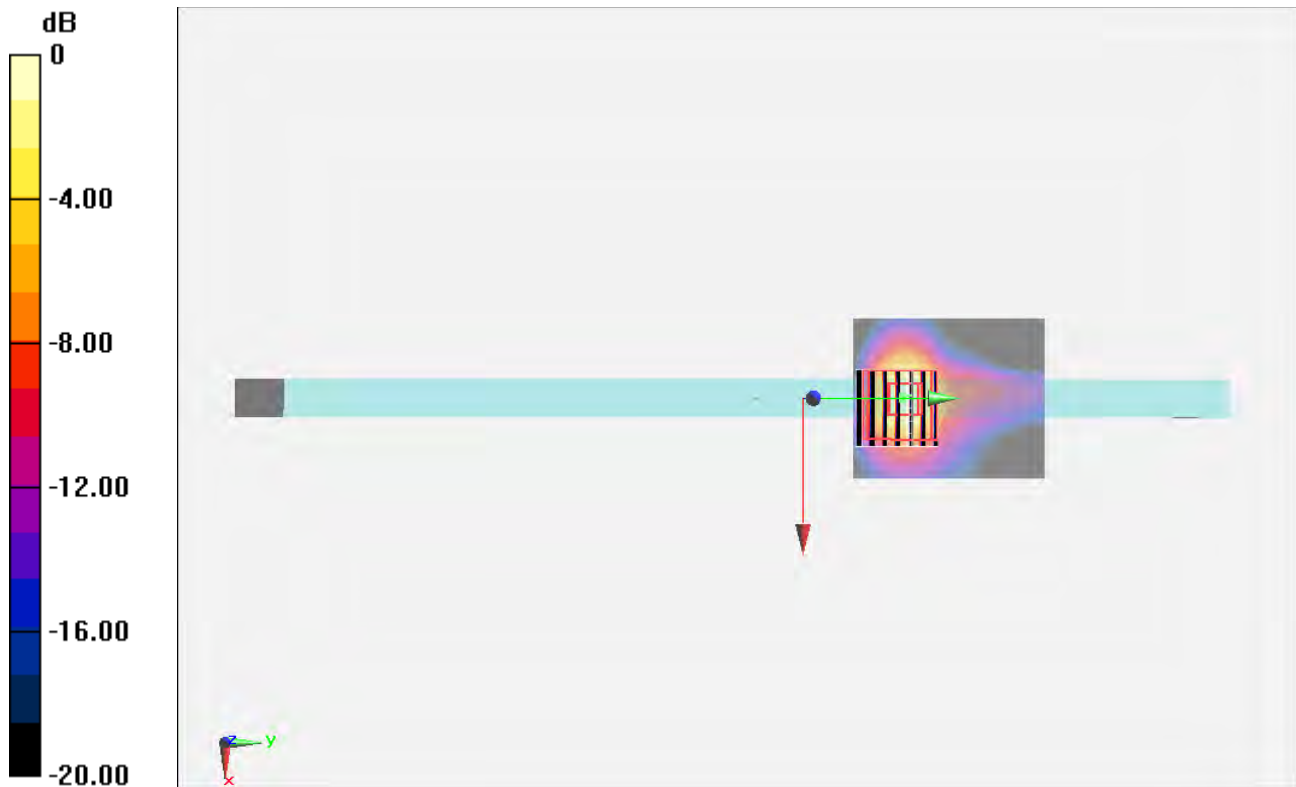
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.558 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch110;Ant B

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1.032

Medium: MSL_5G_150410 Medium parameters used: $f = 5550$ MHz; $\sigma = 5.878$ S/m; $\epsilon_r = 46.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.11, 4.11, 4.11); 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/Ch110/Area Scan (81x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.976 W/kg

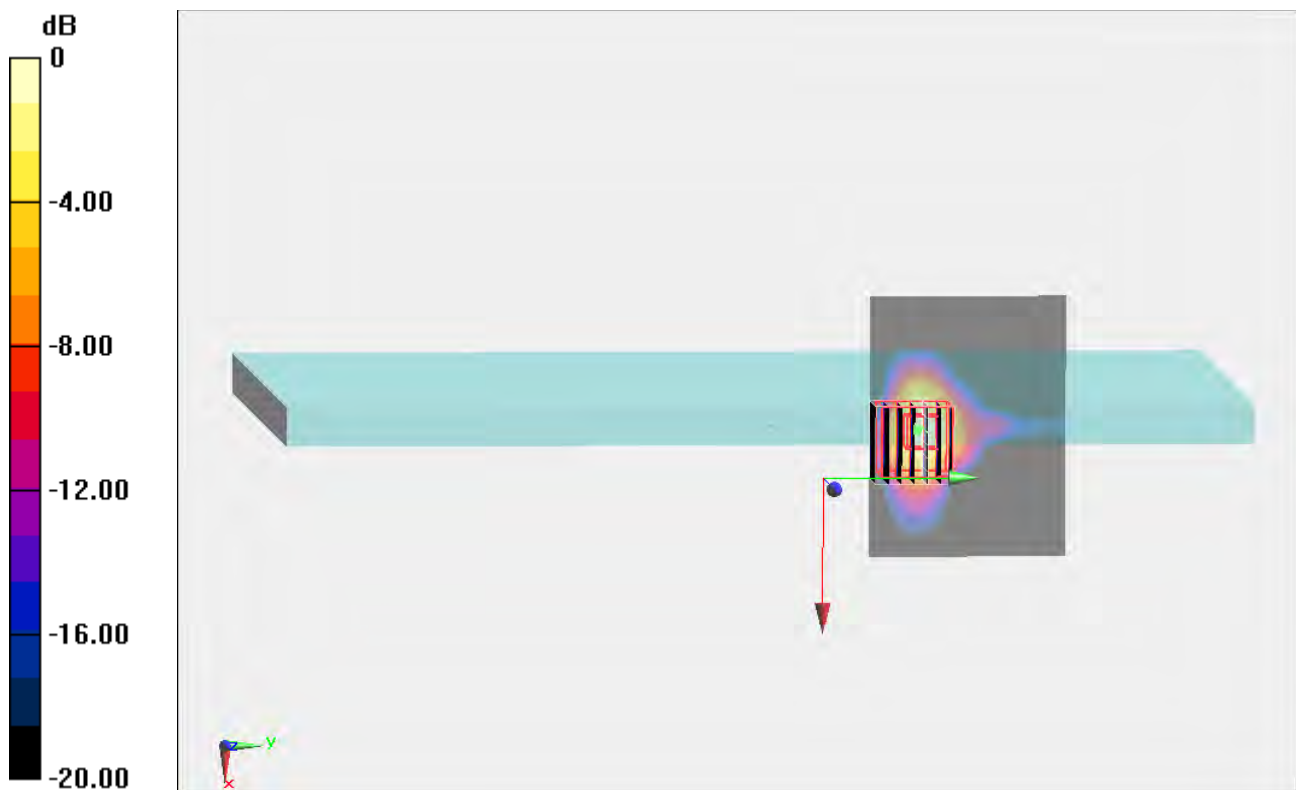
Configuration/Ch110/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.586 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg = -0.78 dBW/kg

#05_WLAN5GHz_802.11a 6Mbps_Edge 4_0mm_Ch149;Ant A

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.015

Medium: MSL_5G_150409 Medium parameters used : $f = 5745$ MHz; $\sigma = 6.117$ S/m; $\epsilon_r = 46.603$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); 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/Ch149/Area Scan (41x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.682 W/kg

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.230 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.695 W/kg

