

#01_WLAN2.4GHz_802.11n-HT20 MCS8_Horizontal Up_5mm_Ch6;Ant 1+2

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

Medium: MSL_2450_160204 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.859$ mho/m; $\epsilon_r = 51.832$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: ELI 4.0_Right; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x91x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.70 mW/g

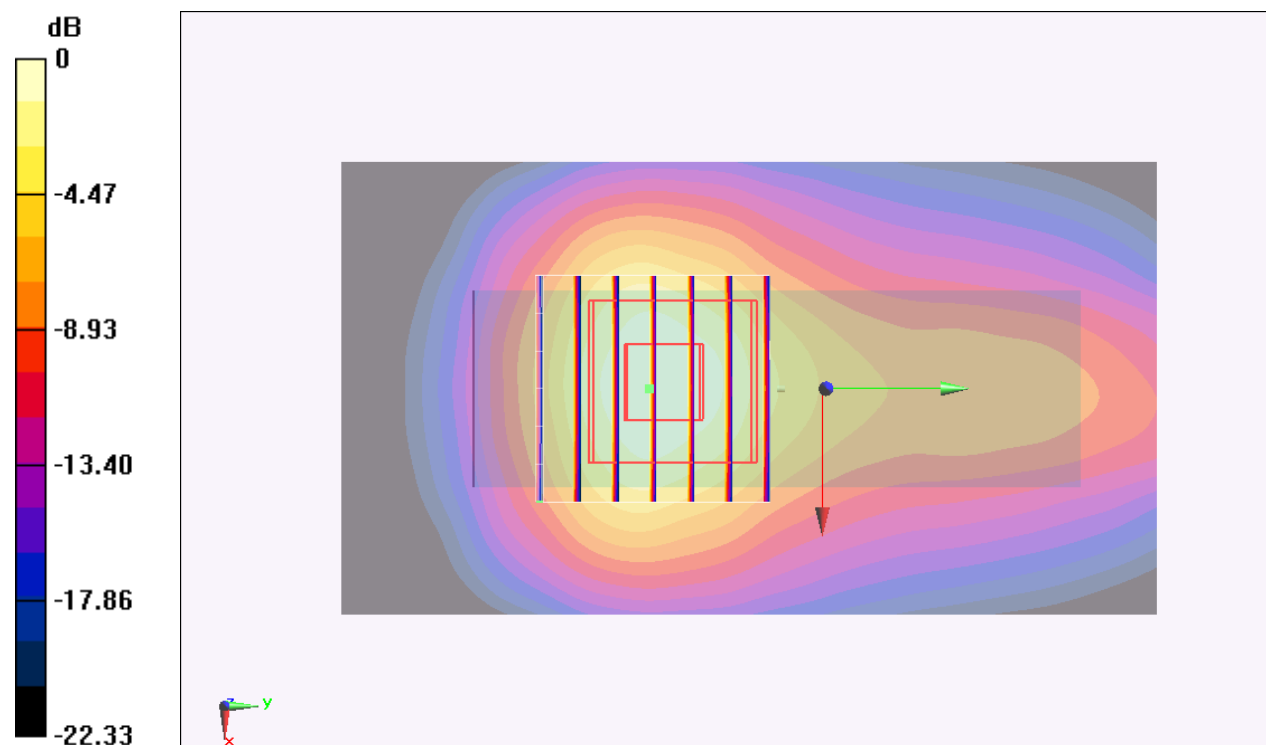
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.527 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.198 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.58 mW/g = 3.97 dB mW/g

#02_WLAN5GHz_802.11a 6Mbps_Veritical Back_5mm_Ch40;Ant 1

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_160205 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.43$ mho/m; $\epsilon_r = 46.877$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI 4.0_Right; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 5.84 mW/g

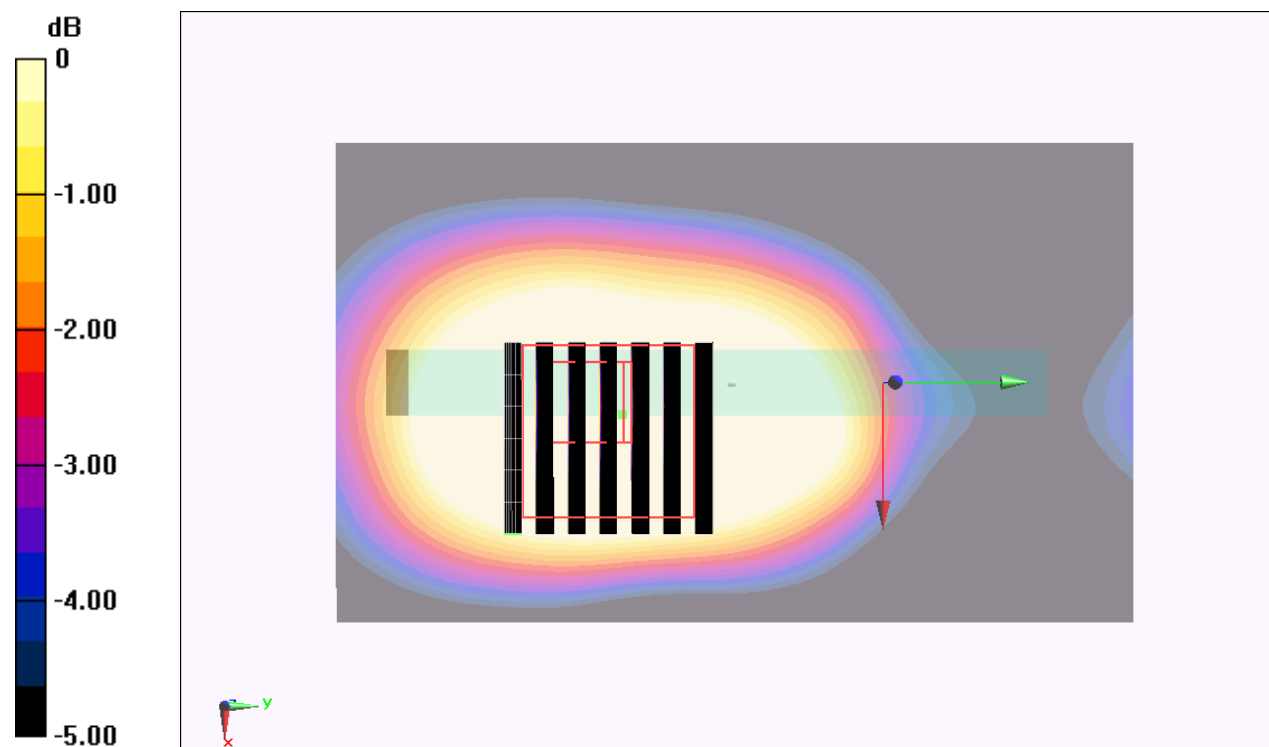
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.612 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.104 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 2.49 mW/g



#03_WLAN5GHz_802.11a 6Mbps_Vertical Back_5mm_Ch157;Ant 1

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_160205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.185$ mho/m; $\epsilon_r = 45.898$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI 4.0_Right; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.60 mW/g

Configuration/Ch157/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.719 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 4.552 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 2.59 mW/g

