

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0mm\_Ch6;Ant 2**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.018

Medium: MSL\_2450\_151208 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.986$  mho/m;  $\epsilon_r =$

53.581;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: 1173
- 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) = 1.11 mW/g

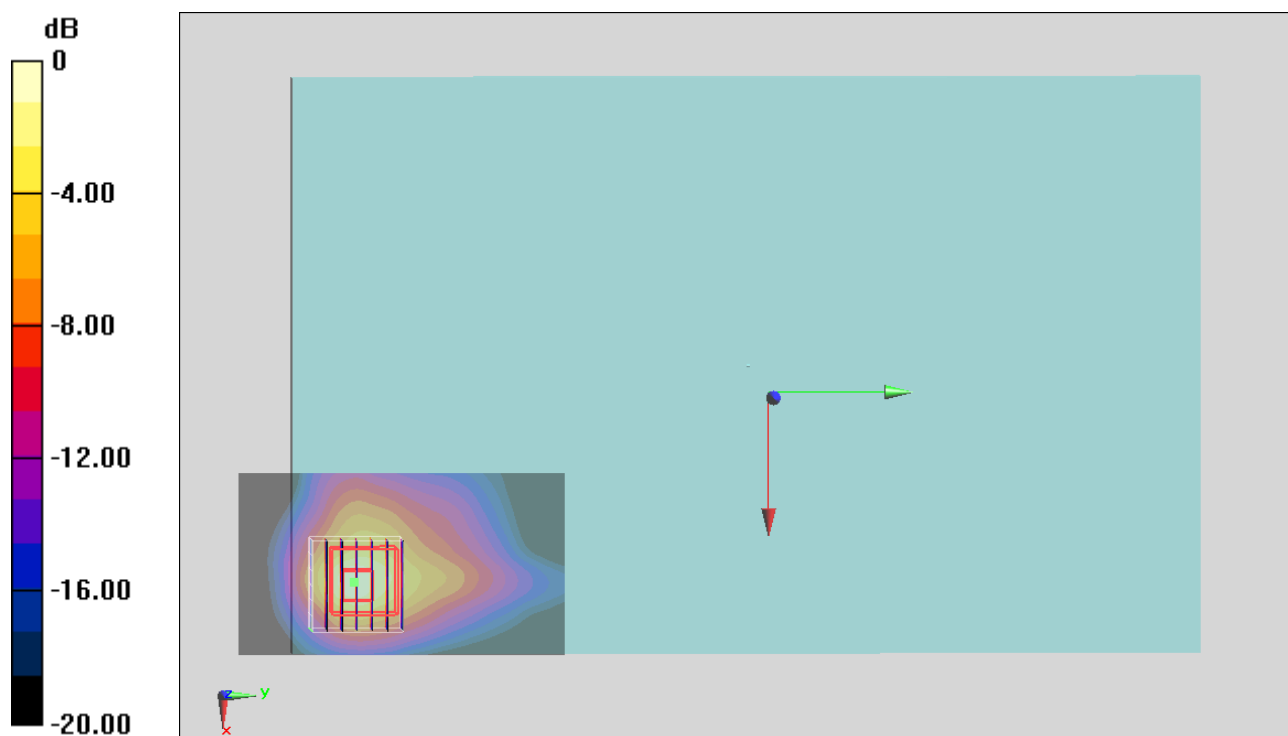
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.367 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.406 mW/g

**SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.260 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g



**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 4\_0mm\_Ch54;Ant 2**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.023

Medium: MSL\_5G\_151211 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 5.571$  mho/m;  $\epsilon_r = 46.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch54/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.792 mW/g

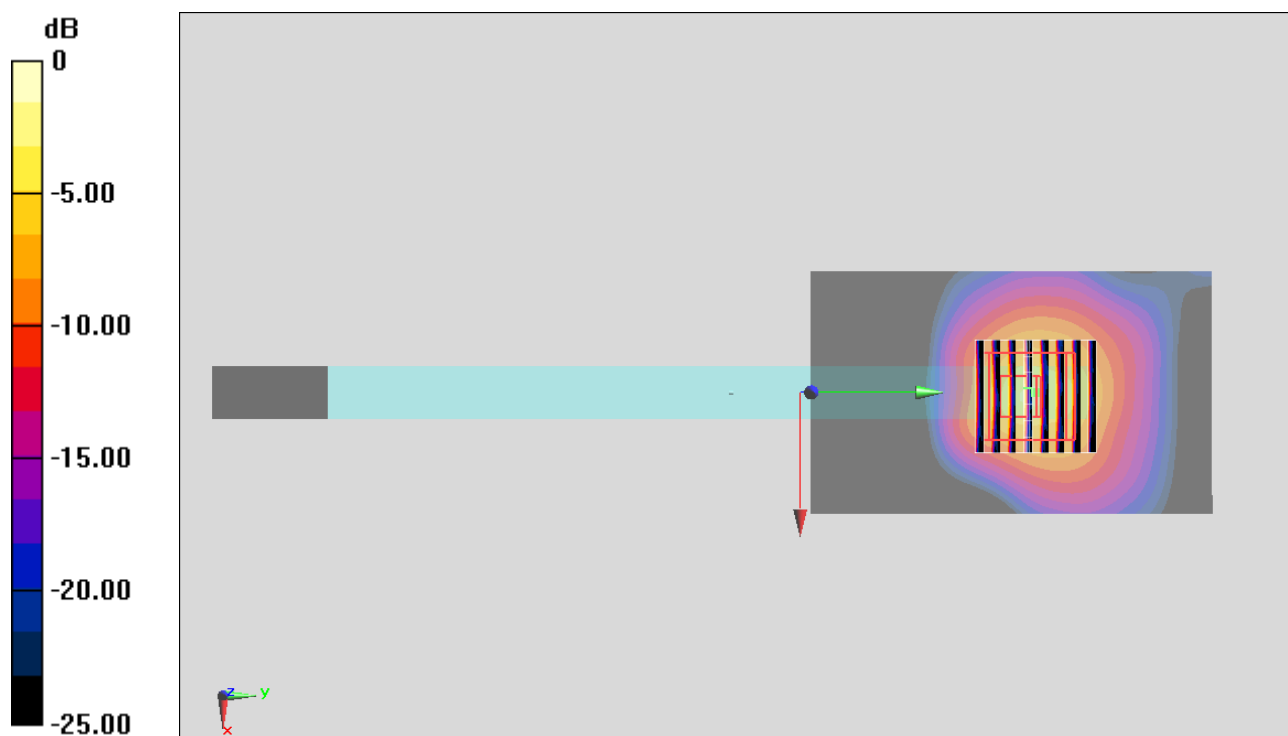
**Configuration/Ch54/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.371 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.809 mW/g

**SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.199 mW/g**

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



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

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch106;Ant 2**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.073

Medium: MSL\_5G\_151211 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.904$  mho/m;  $\epsilon_r = 46.378$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(3.81, 3.81, 3.81); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch106/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.665 mW/g

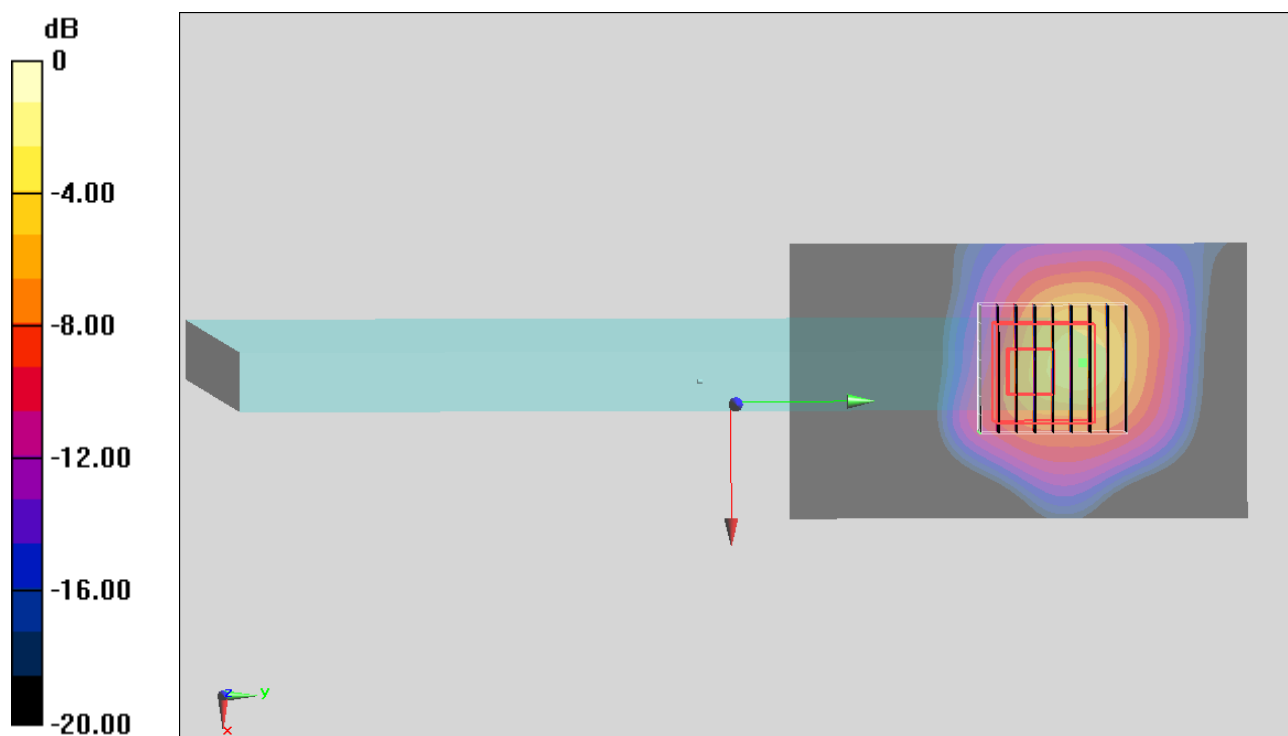
**Configuration/Ch106/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.478 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.221 mW/g

**SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom Face\_0mm\_Ch155;Ant 2**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.073

Medium: MSL\_5G\_151211 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.24$  mho/m;  $\epsilon_r = 45.983$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(3.92, 3.92, 3.92); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch155/Area Scan (61x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.16 mW/g

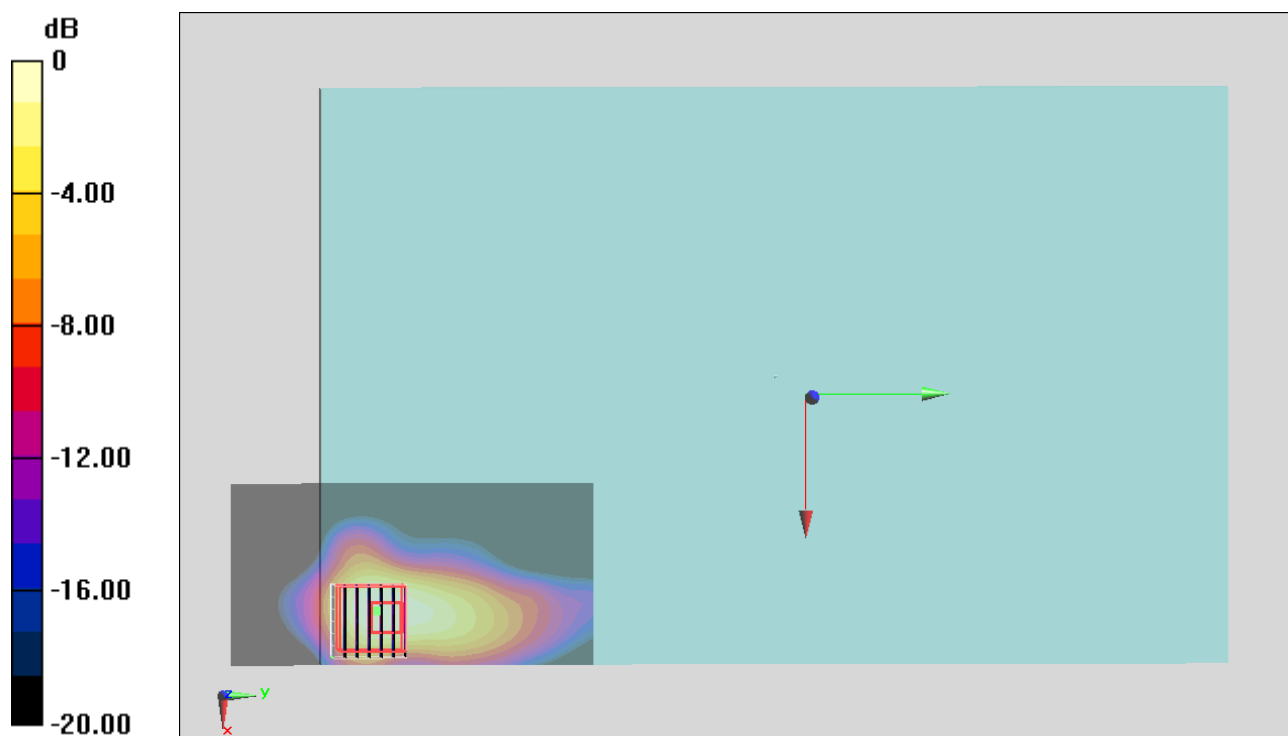
**Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.919 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.871 mW/g

**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.135 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02 mW/g = 0.17 dB mW/g