

## #01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 4\_0mm\_Ch6;Ant B

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.011

Medium: MSL\_2450\_160727 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.904$  S/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.391 W/kg

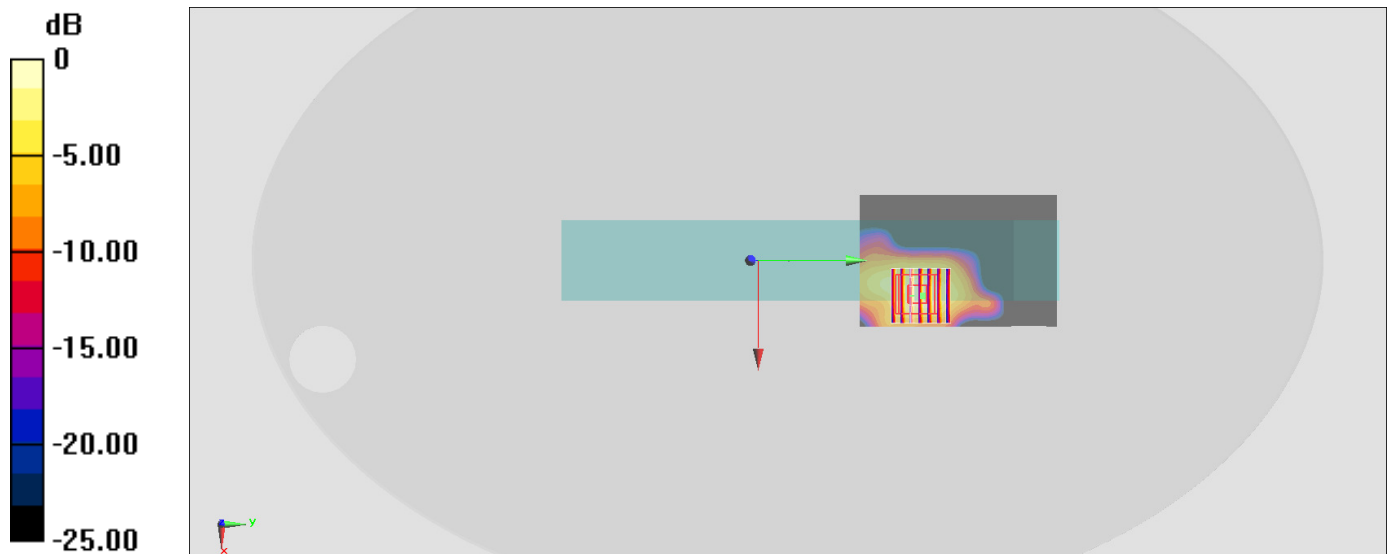
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.75 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.537 W/kg

**SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.121 W/kg**

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.391 W/kg = -4.08 dBW/kg

## #02\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom Face\_0mm\_Ch54;Ant A

Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.032

Medium: MSL\_5G\_160727 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 5.291$  S/m;  $\epsilon_r = 46.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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 v4.0\_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.219 W/kg

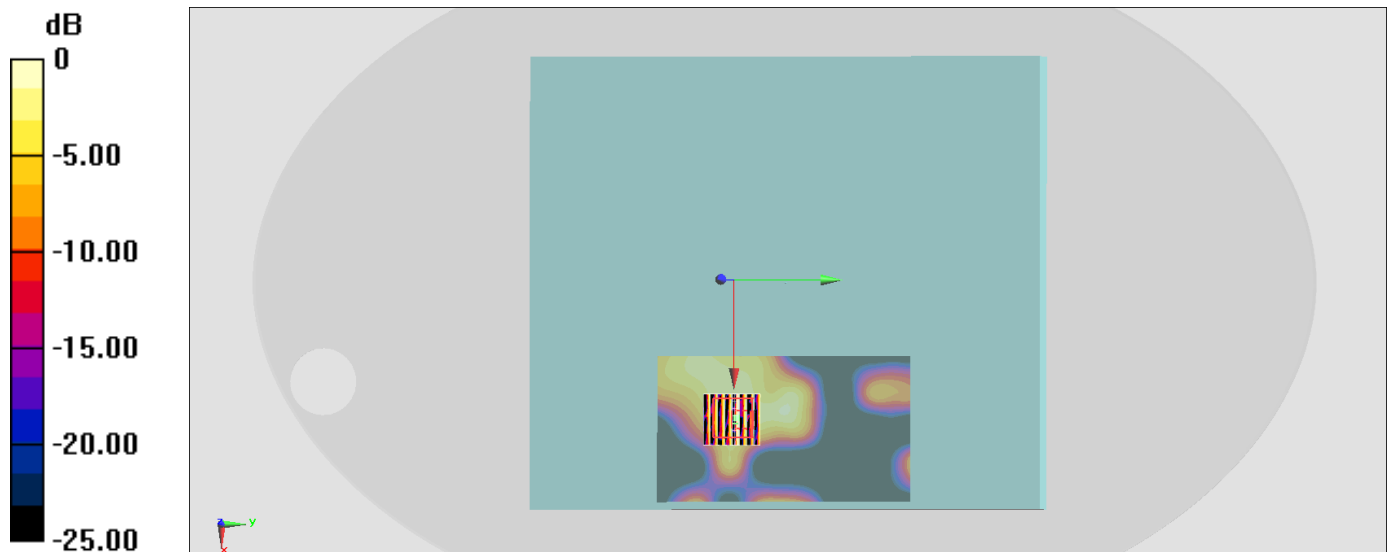
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.771 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

### #03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch122;Ant B

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.068

Medium: MSL\_5G\_160727 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.72$  S/m;  $\epsilon_r = 46.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

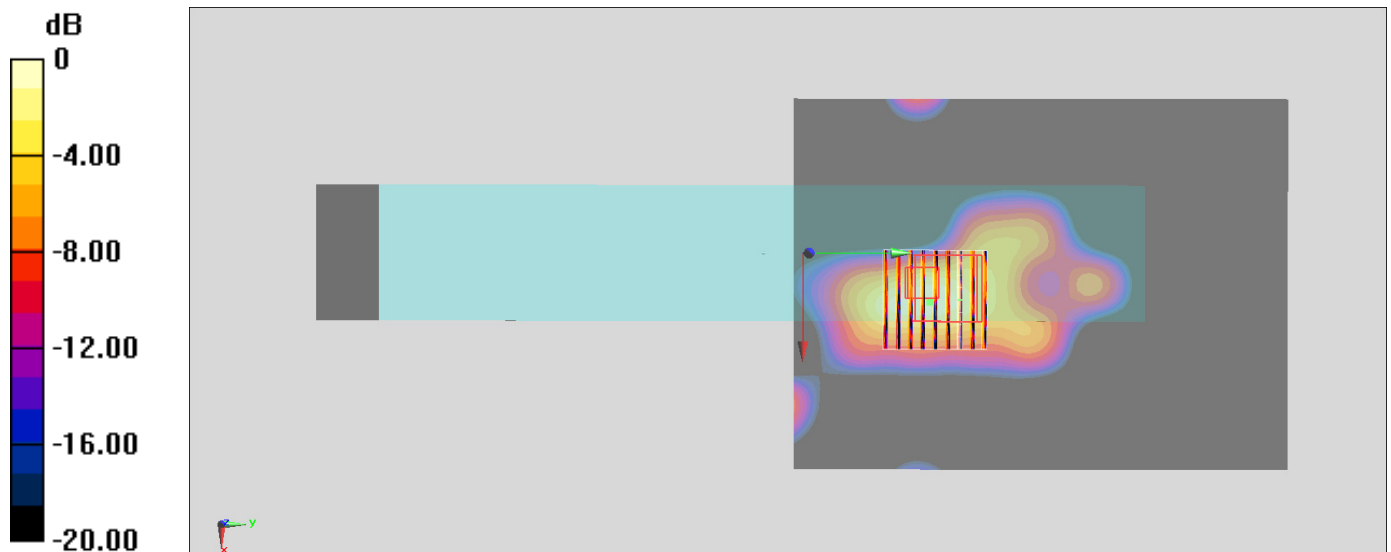
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.00 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

## #04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch155;Ant B

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.068

Medium: MSL\_5G\_160727 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.942$  S/m;  $\epsilon_r = 46.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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 v4.0\_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.942 W/kg

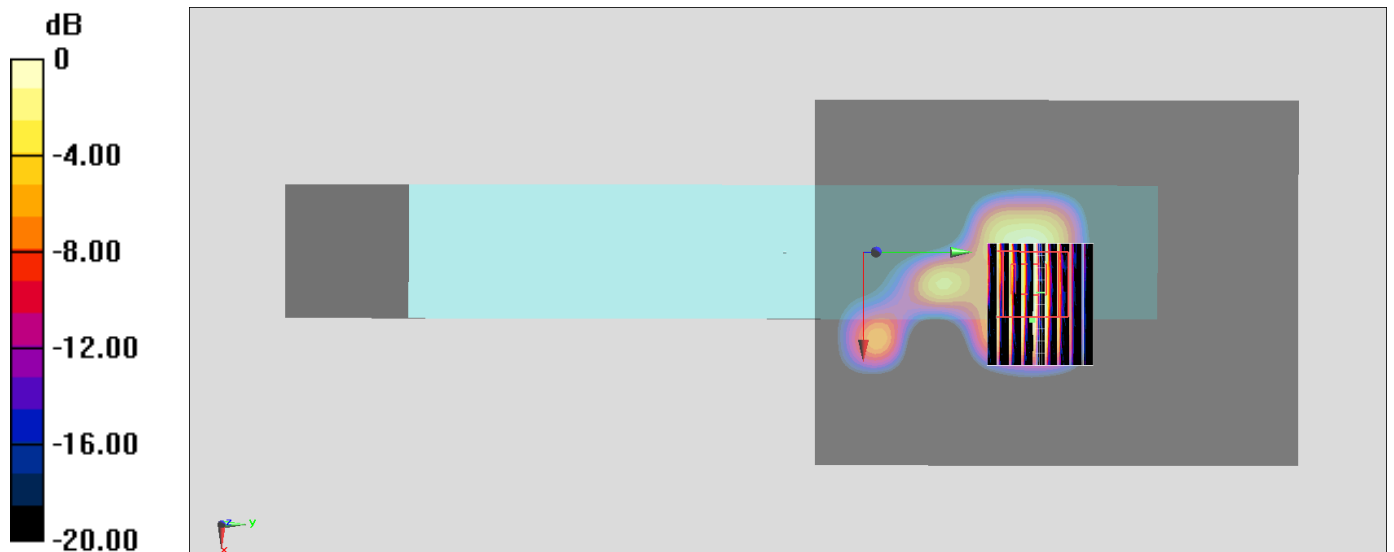
**Zoom Scan (11x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.368 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.942 W/kg = -0.26 dBW/kg