

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 4\_0cm\_Ch6;Ant B**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.013

Medium: MSL\_2450\_140813 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.914$  S/m;  $\epsilon_r = 53.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch6/Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.429 W/kg

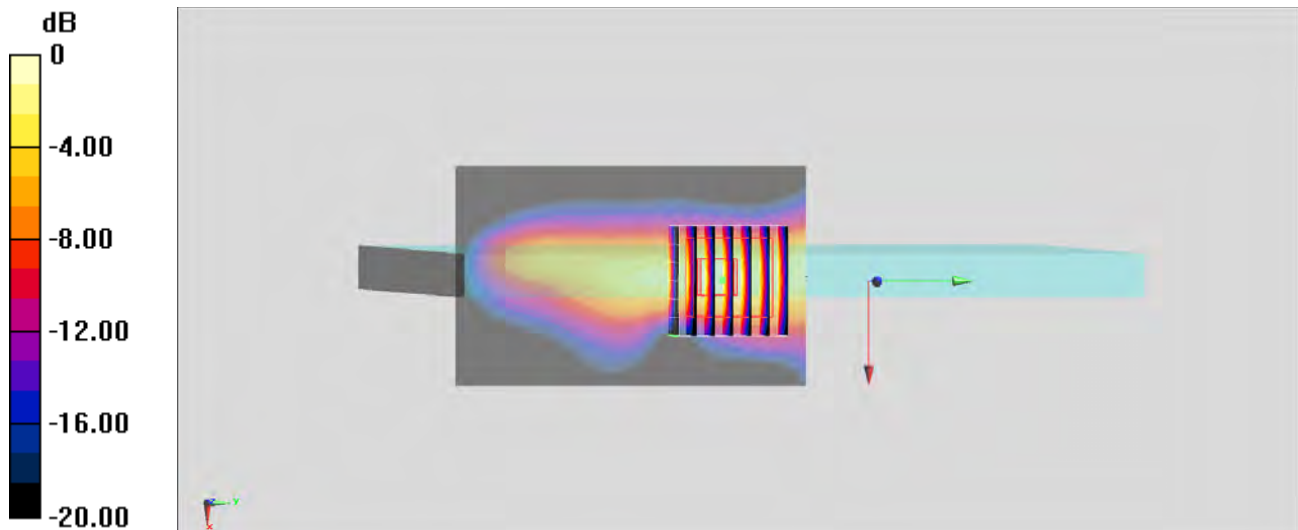
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.59 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.661 W/kg

**SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

**#02\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch40;Ant B**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_140814 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.244$  S/m;  $\epsilon_r = 47.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch40/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.894 W/kg

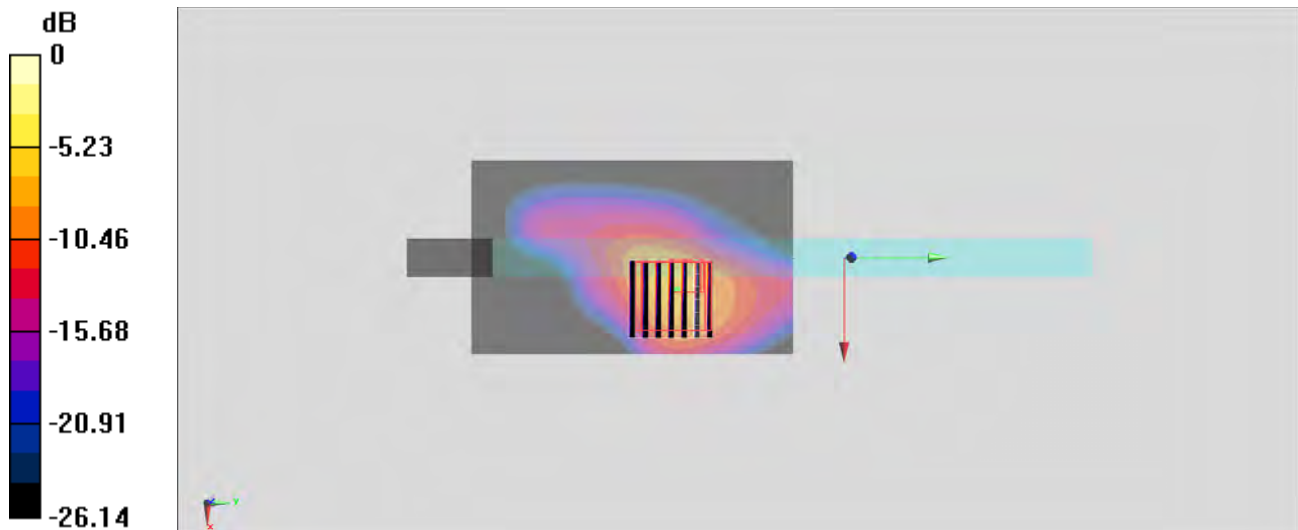
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.02 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.77 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 3.17 W/kg



0 dB = 3.17 W/kg = 5.01 dBW/kg

### #03\_WLAN5GHz\_802.11ac-VHT40 MCS0\_Edge 4\_0cm\_Ch54;Ant B

Communication System: 802.11ac; Frequency: 5270 MHz; Duty Cycle: 1:1.025

Medium: MSL\_5G\_140814 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 5.319$  S/m;  $\epsilon_r = 47.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.36, 4.36, 4.36); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch54/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.755 W/kg

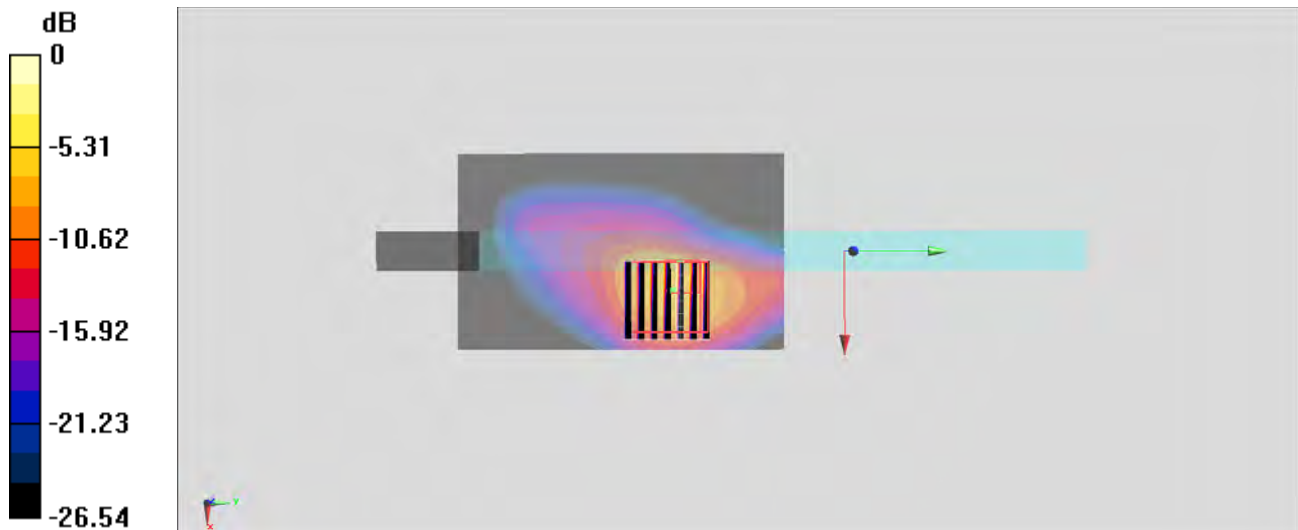
**Configuration/Ch54/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.95 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.76 W/kg

**SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.150 W/kg**

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

**#04\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 4\_0cm\_Ch110;Ant B**

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

Medium: MSL\_5G\_140815 Medium parameters used:  $f = 5550$  MHz;  $\sigma = 5.583$  S/m;  $\epsilon_r = 46.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch110/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 2.09 W/kg

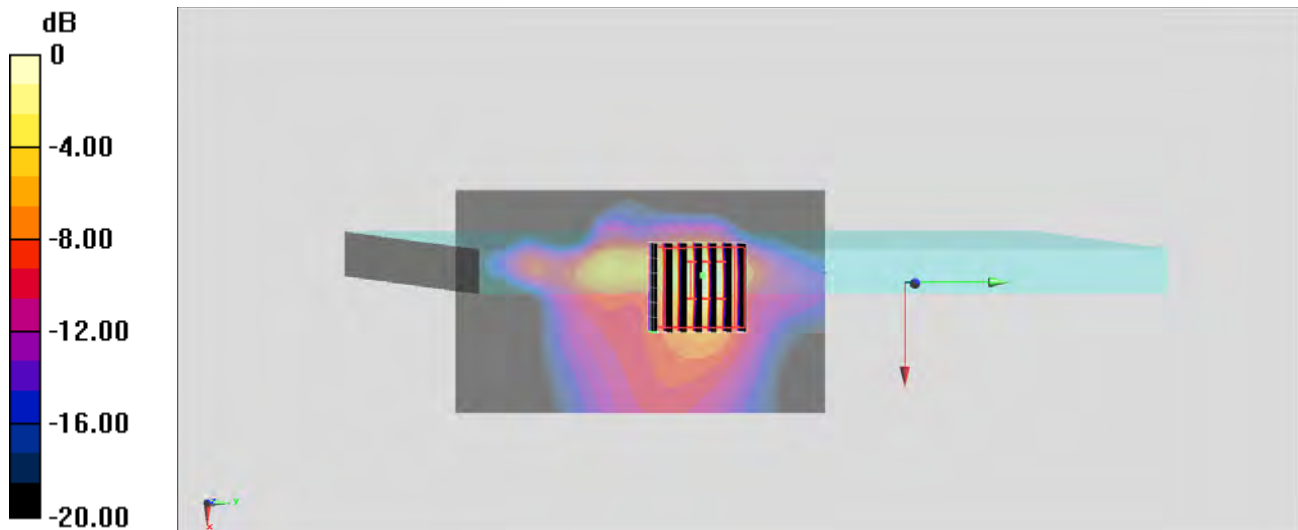
**Configuration/Ch110/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.19 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.96 W/kg

**SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

**#05\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch157;Ant B**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_140815 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.968$  S/m;  $\epsilon_r = 46.579$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch157/Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.651 W/kg

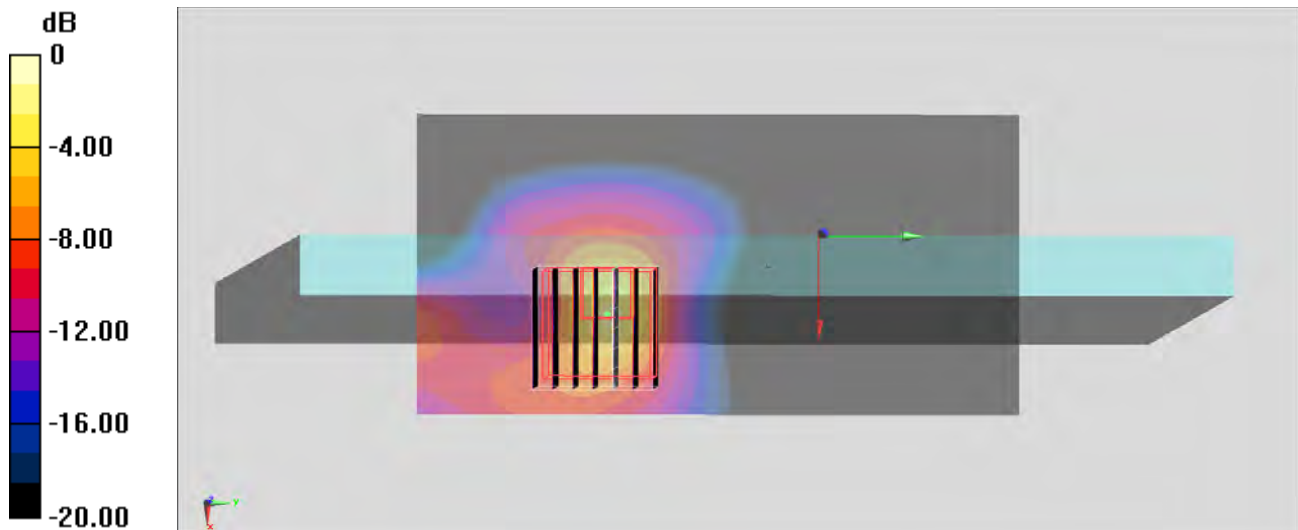
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.99 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg