

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 3\_0mm\_Ch1;Ant 2**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_170922 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 54.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.908 W/kg

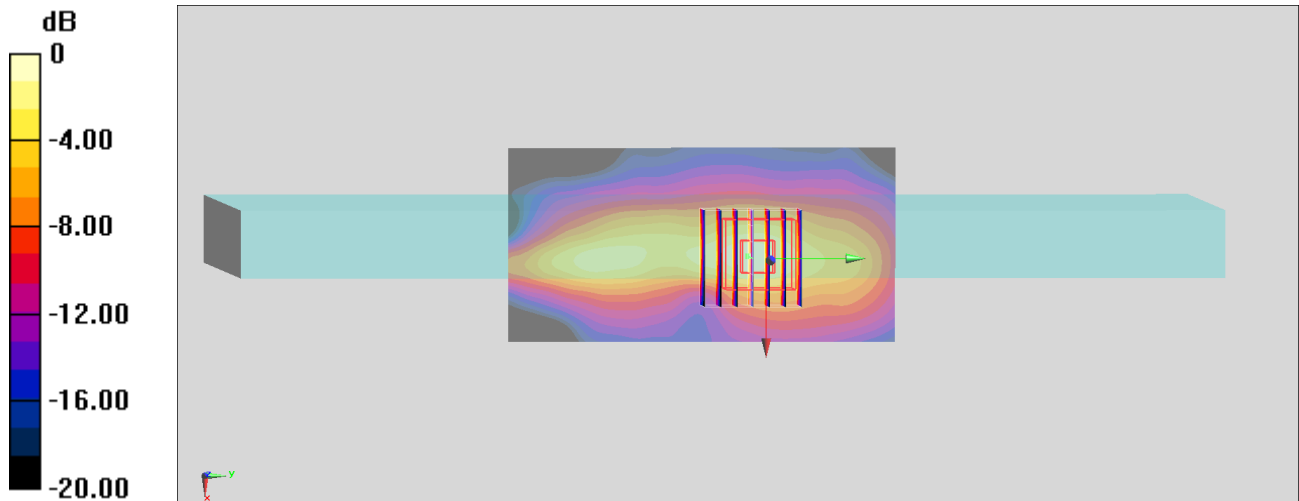
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.06 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984 W/kg = -0.07 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch58;Ant 1**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.156

Medium: MSL\_5G\_170925 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.392$  S/m;  $\epsilon_r = 47.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.87, 4.87, 4.87); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.744 W/kg

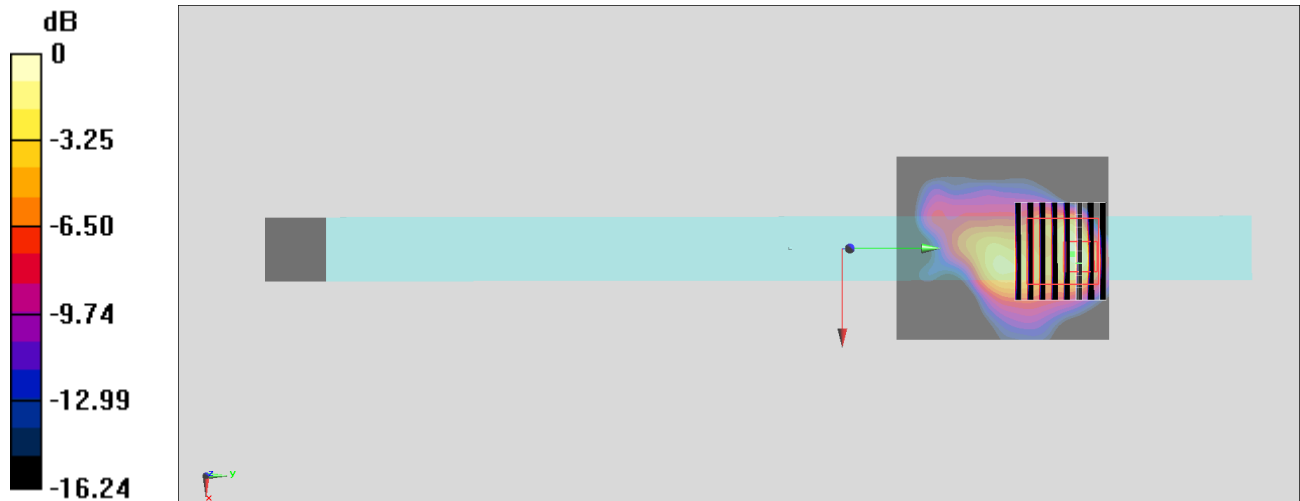
**Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.18 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.10 W/kg

**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.851 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch106;Ant 1**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.156

Medium: MSL\_5G\_170925 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.697$  S/m;  $\epsilon_r = 47.189$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.03, 4.03, 4.03); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.951 W/kg

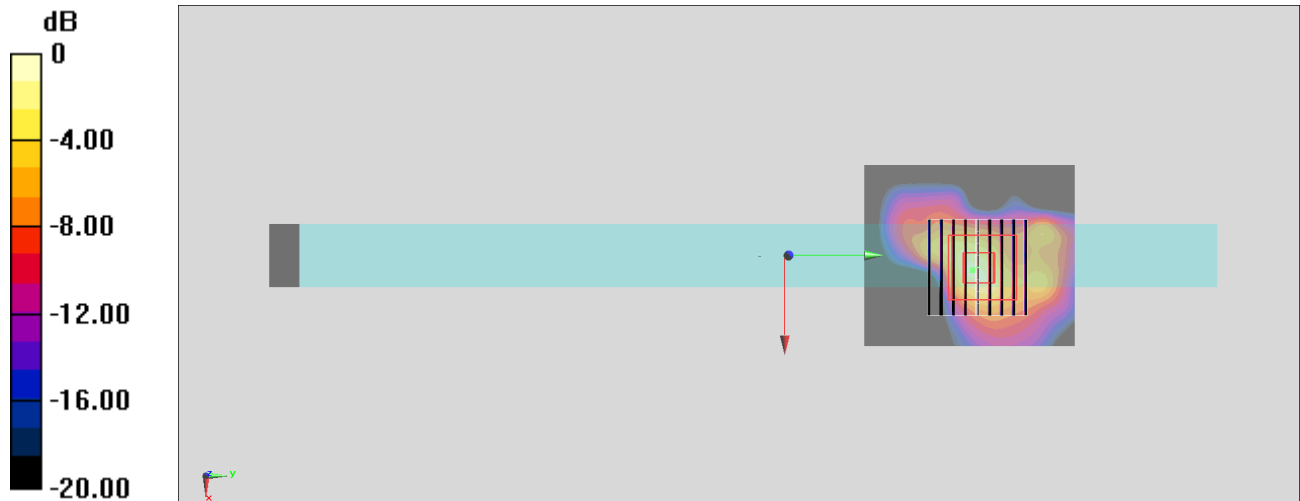
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.59 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch155;Ant 1**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.156

Medium: MSL\_5G\_170925 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.037$  S/m;  $\epsilon_r = 46.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.33, 4.33, 4.33); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.968 W/kg

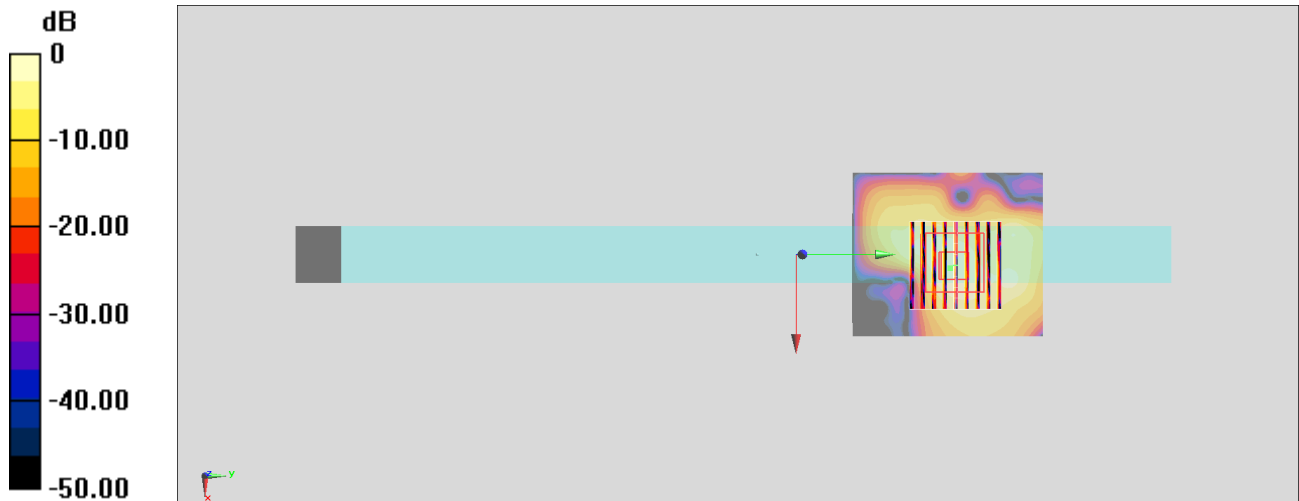
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.27 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.740 W/kg



0 dB = 0.740 W/kg = -1.31 dBW/kg

## #05\_Bluetooth\_1Mbps\_Edge 3\_0mm\_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.31

Medium: MSL\_2450\_170922 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.069$  S/m;  $\epsilon_r = 53.855$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.93, 7.93, 7.93); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0378 W/kg

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

Reference Value = 1.494 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0560 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00792 W/kg**

Maximum value of SAR (measured) = 0.0430 W/kg

