

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch11;Ant 1**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_171207 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.034$  S/m;  $\epsilon_r = 53.914$ ;

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- 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) = 0.881 W/kg

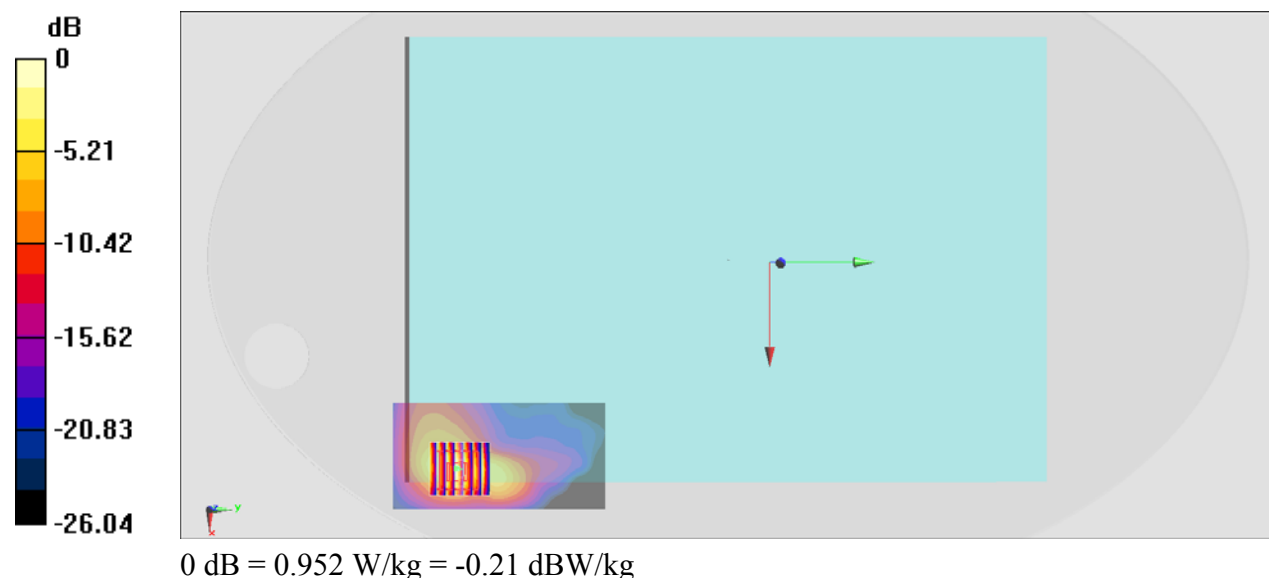
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.62 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.273 W/kg**

Maximum value of SAR (measured) = 0.952 W/kg



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

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

Medium: MSL\_5G\_171206 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.481$  S/m;  $\epsilon_r = 47.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.7, 4.7, 4.7); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.27 W/kg

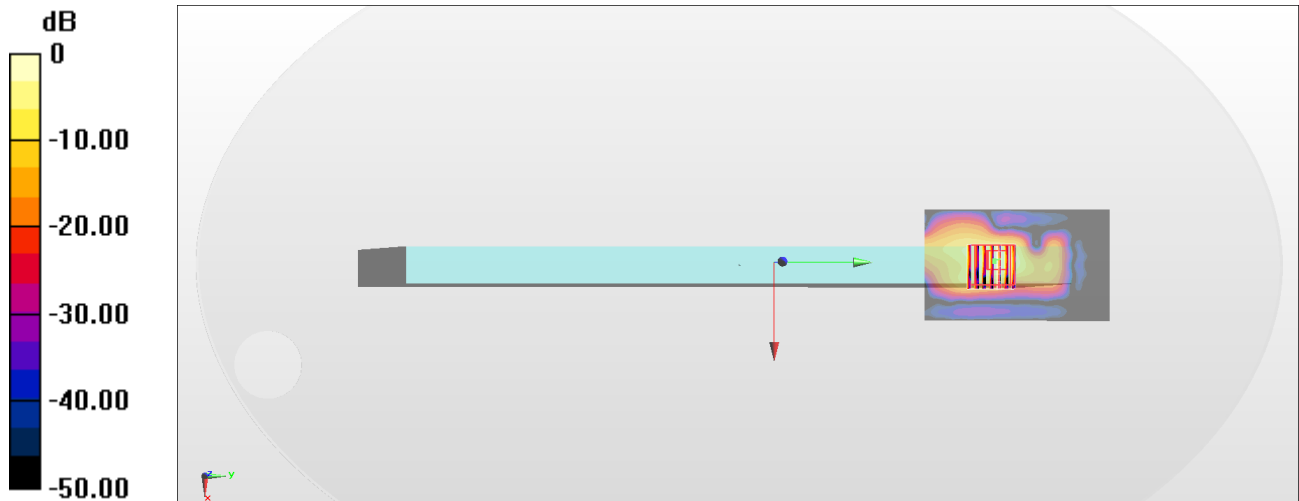
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.873 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Slant of Edge 3\_0mm\_Ch138;Ant 1**

Communication System: 802.11ac ; Frequency: 5690 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_171206 Medium parameters used:  $f = 5690$  MHz;  $\sigma = 6.038$  S/m;  $\epsilon_r = 46.552$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.32, 4.32, 4.32); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 2.43 W/kg

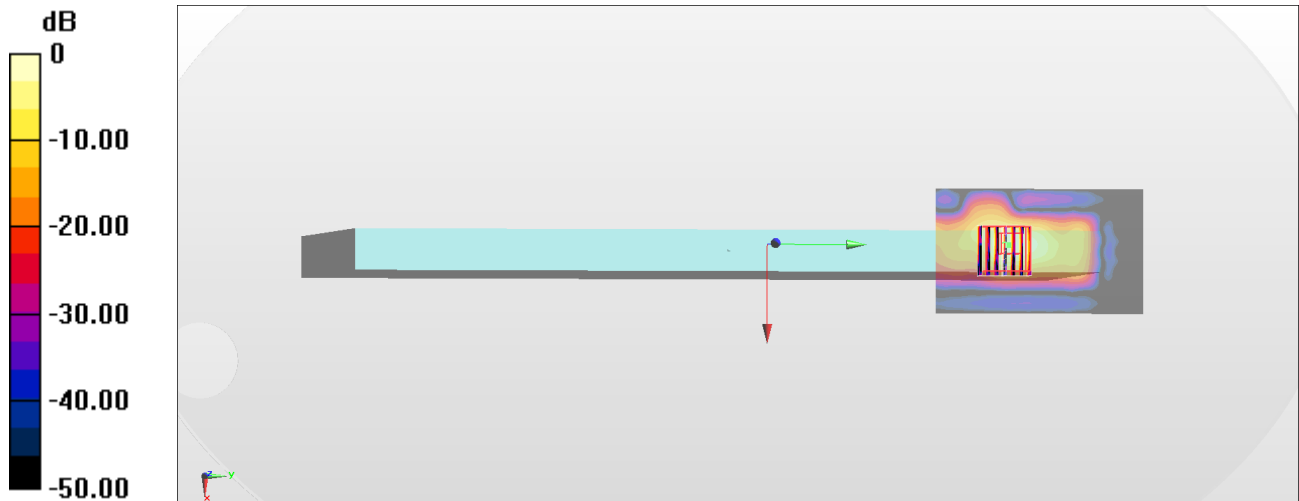
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 9.868 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.46 W/kg

**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 2.27 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

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

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

Medium: MSL\_5G\_171206 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.154$  S/m;  $\epsilon_r = 46.425$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.32, 4.32, 4.32); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 2.39 W/kg

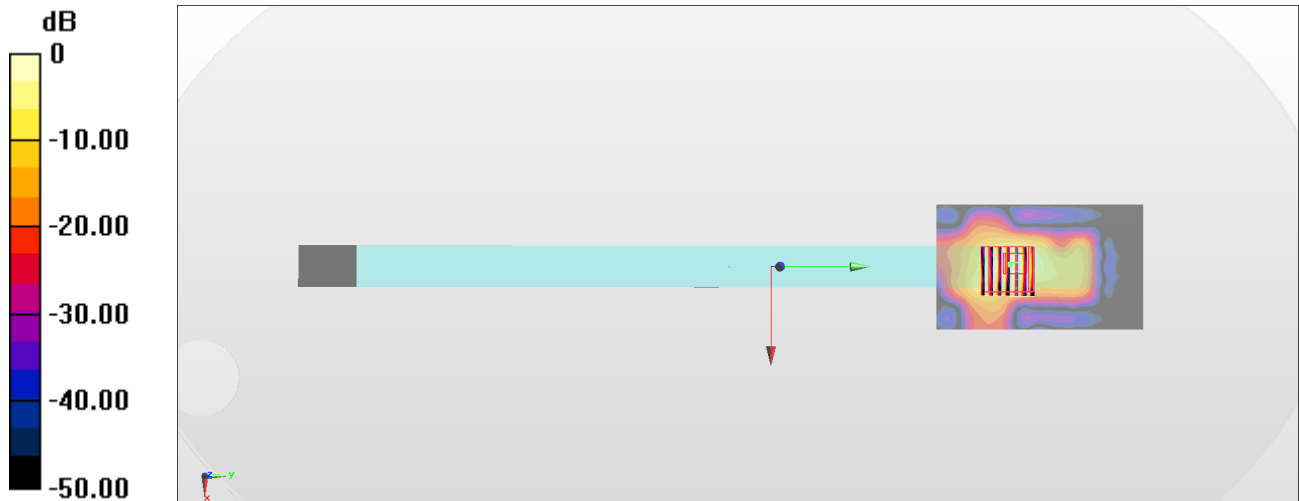
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.792 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.78 W/kg

**SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.190 W/kg**

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg