

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch6**

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

Medium: MSL\_2450\_160930 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.91$  S/m;  $\epsilon_r = 53.016$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °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 v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x51x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

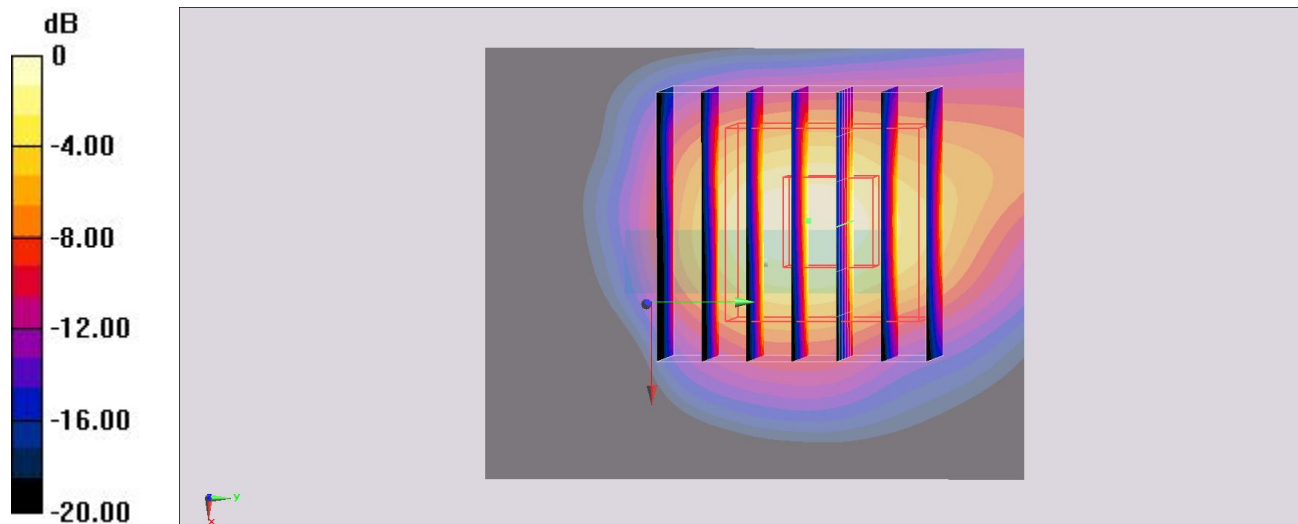
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.78 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.302 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch54**

Communication System: 802.11n ; Frequency: 5270 MHz; Duty Cycle: 1:1.006

Medium: MSL\_5G\_160929 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 5.445$  S/m;  $\epsilon_r = 46.658$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °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 v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.87 W/kg

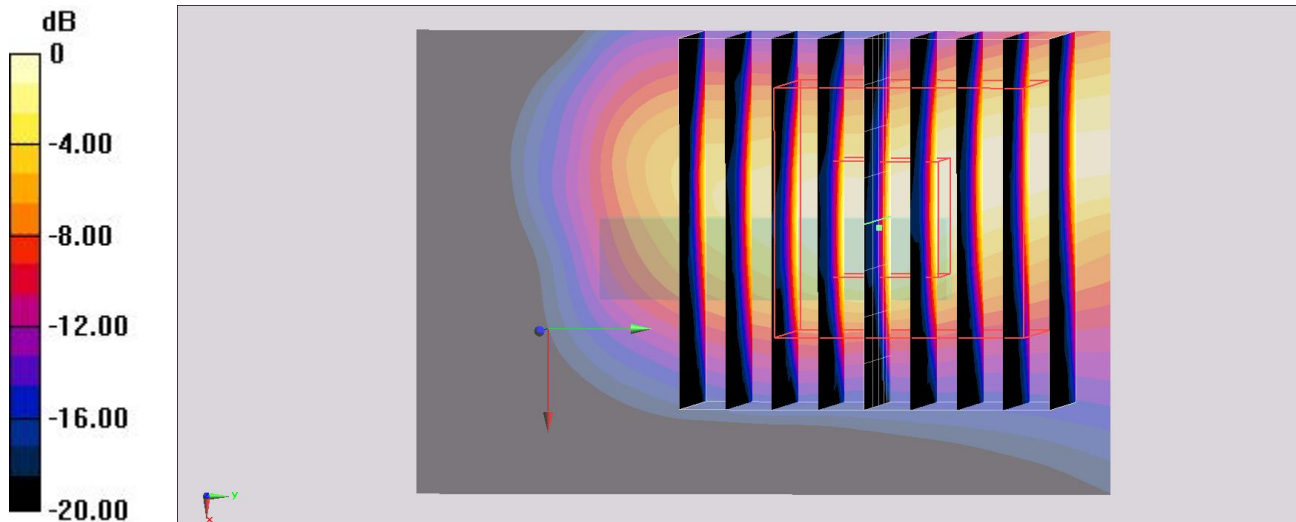
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.35 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.07 W/kg

**SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Front\_5mm\_Ch138**

Communication System: 802.11ac ; Frequency: 5690 MHz; Duty Cycle: 1:1.011

Medium: MSL\_5G\_160929 Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.97$  S/m;  $\epsilon_r = 45.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °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 v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

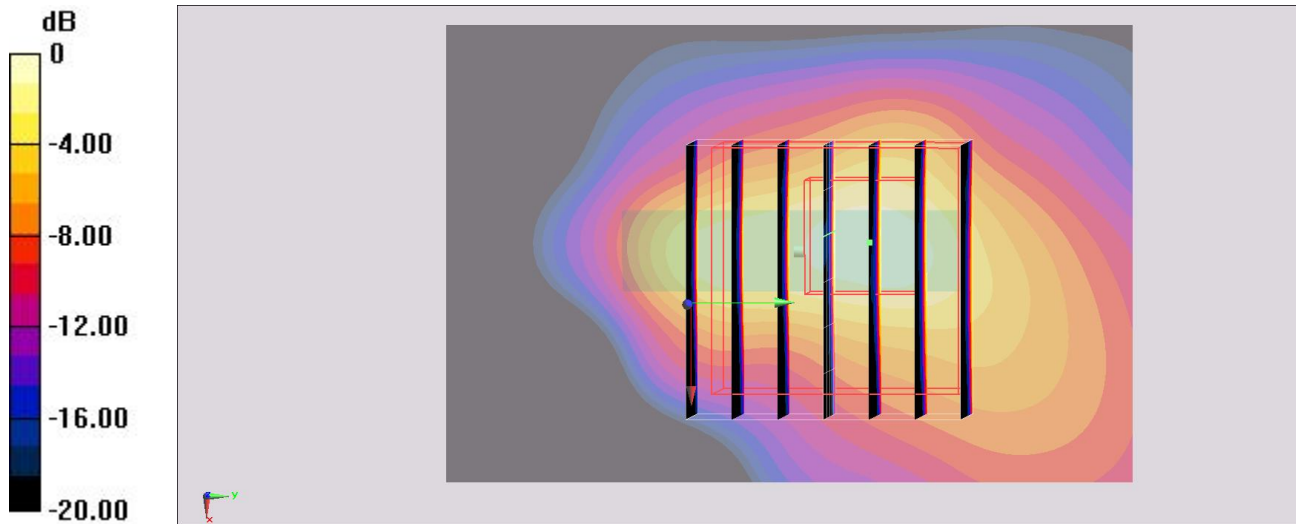
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.84 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.26 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch155**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.011

Medium: MSL\_5G\_160929 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.074$  S/m;  $\epsilon_r = 45.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.11 W/kg

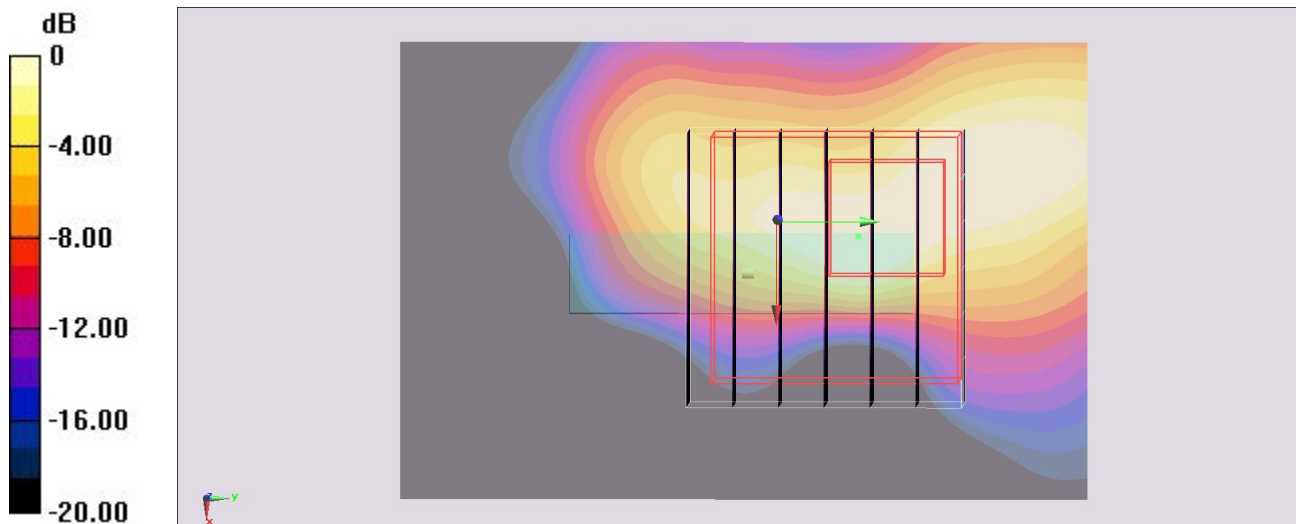
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.36 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.29 W/kg

**SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.190 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

**#05\_Bluetooth\_1Mbps\_Back\_5mm\_Ch78**

Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.2

Medium: MSL\_2450\_160930 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.964$  S/m;  $\epsilon_r = 52.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (31x51x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0579 W/kg

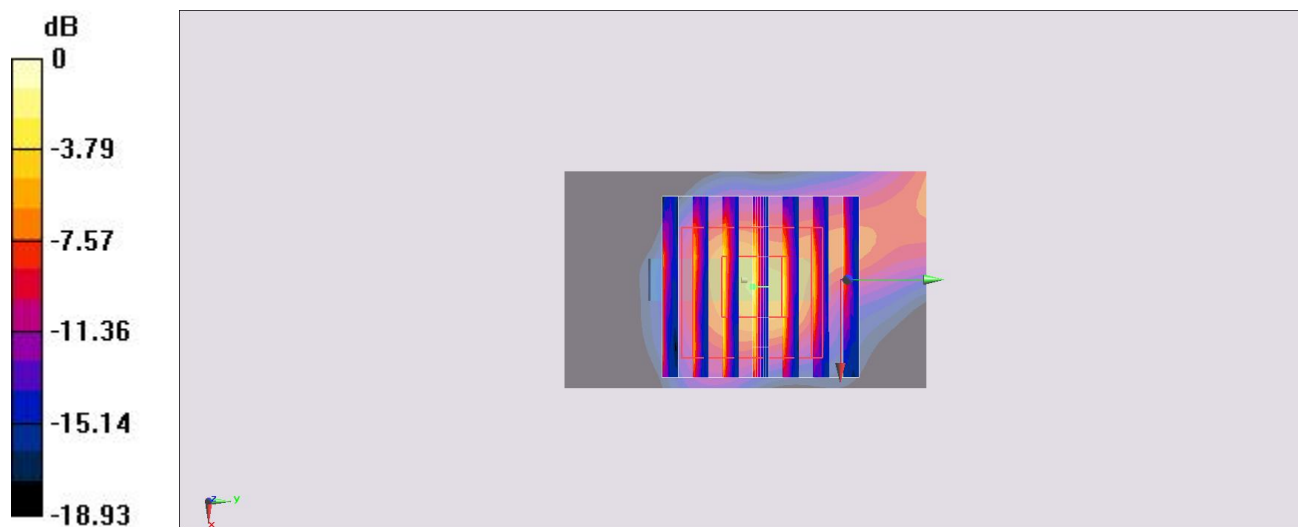
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.765 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.189 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg