

**#01\_WLAN2.4GHz\_802.11n-HT40 MCS0\_Edge 2\_0mm\_Ch6;Ant 2**

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:1.029

Medium: MSL\_2450\_181016 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 52.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(7.75, 7.75, 7.75) @ 2437 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 2.55 W/kg

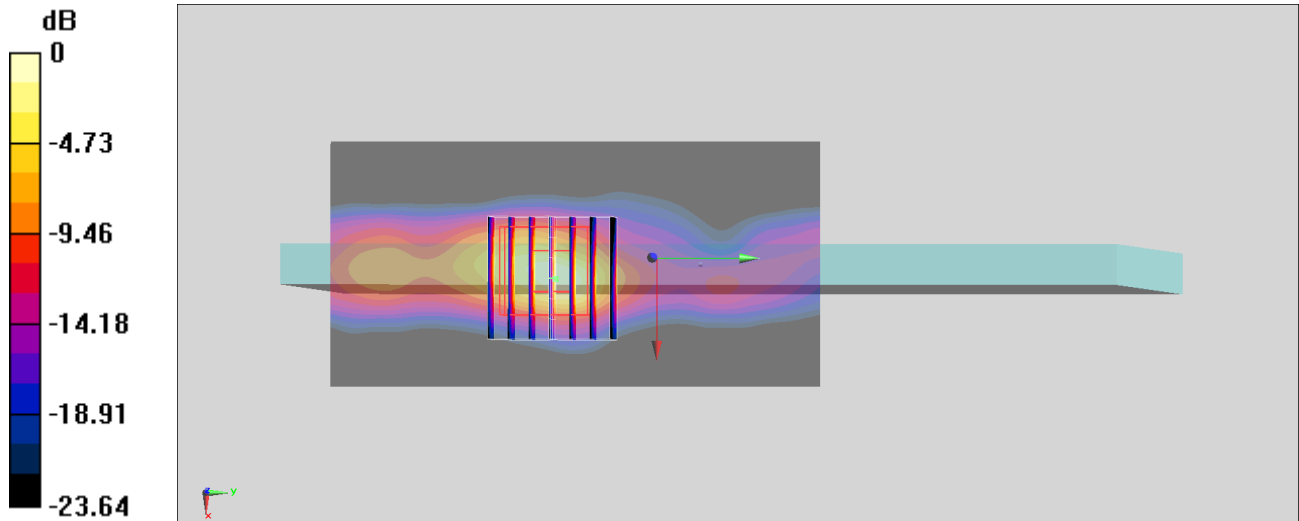
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.53 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.476 W/kg**

Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.62 W/kg = 4.18 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch42;Ant 1**

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.052

Medium: MSL\_5G\_181016 Medium parameters used :  $f = 5210$  MHz;  $\sigma = 5.131$  S/m;  $\epsilon_r = 50.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8) @ 5210 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.31 W/kg

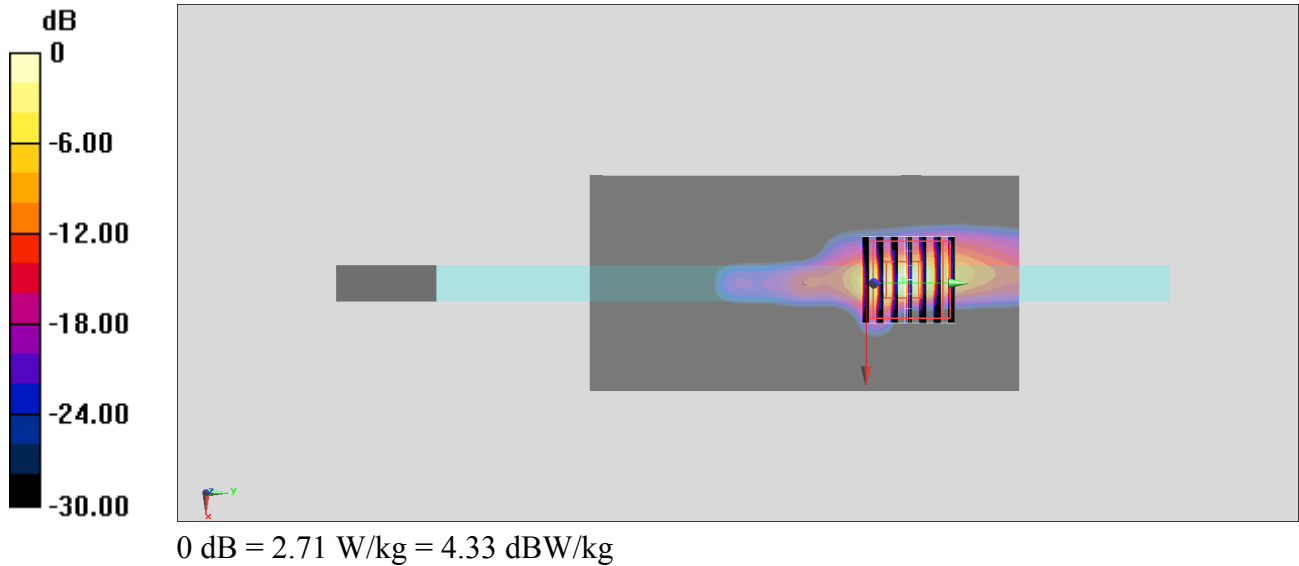
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.58 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.74 W/kg

**SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 2.71 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 2\_0mm\_Ch58;Ant 2**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.061

Medium: MSL\_5G\_181019 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.208$  S/m;  $\epsilon_r = 49.904$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8); Calibrated: 2018/7/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (51x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.51 W/kg

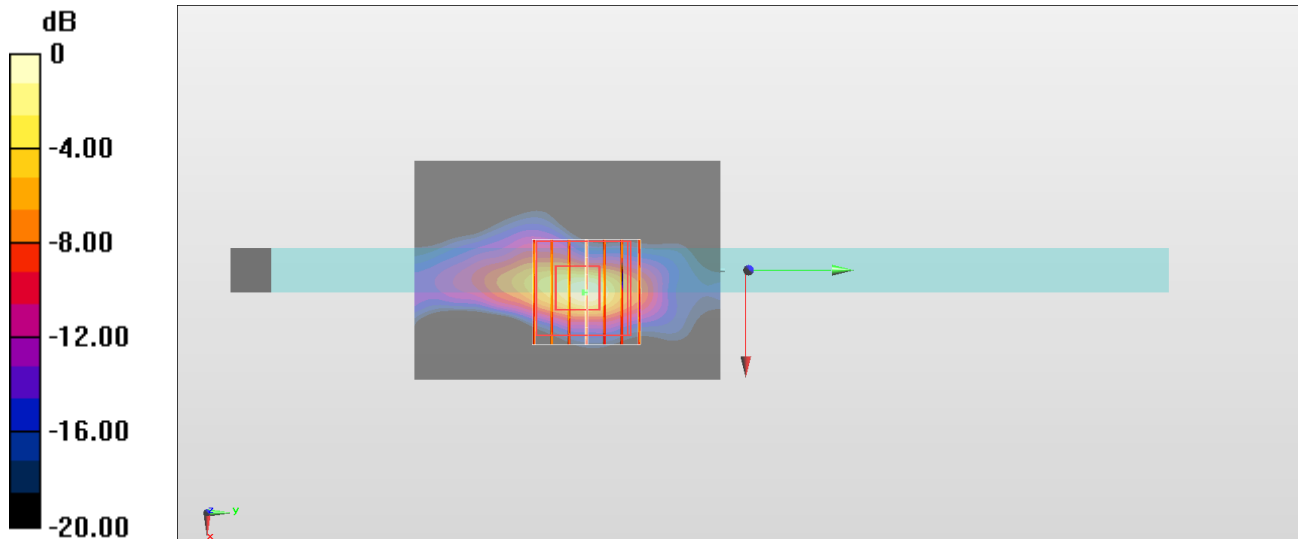
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.99 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.81 W/kg

**SAR(1 g) = 1.175 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 3.54 W/kg



0 dB = 3.51 W/kg = 5.45 dBW/kg

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch122;Ant 1**

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.052

Medium: MSL\_5G\_180930 Medium parameters used :  $f = 5610$  MHz;  $\sigma = 5.883$  S/m;  $\epsilon_r = 47.054$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03) @ 5610 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (51x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.60 W/kg

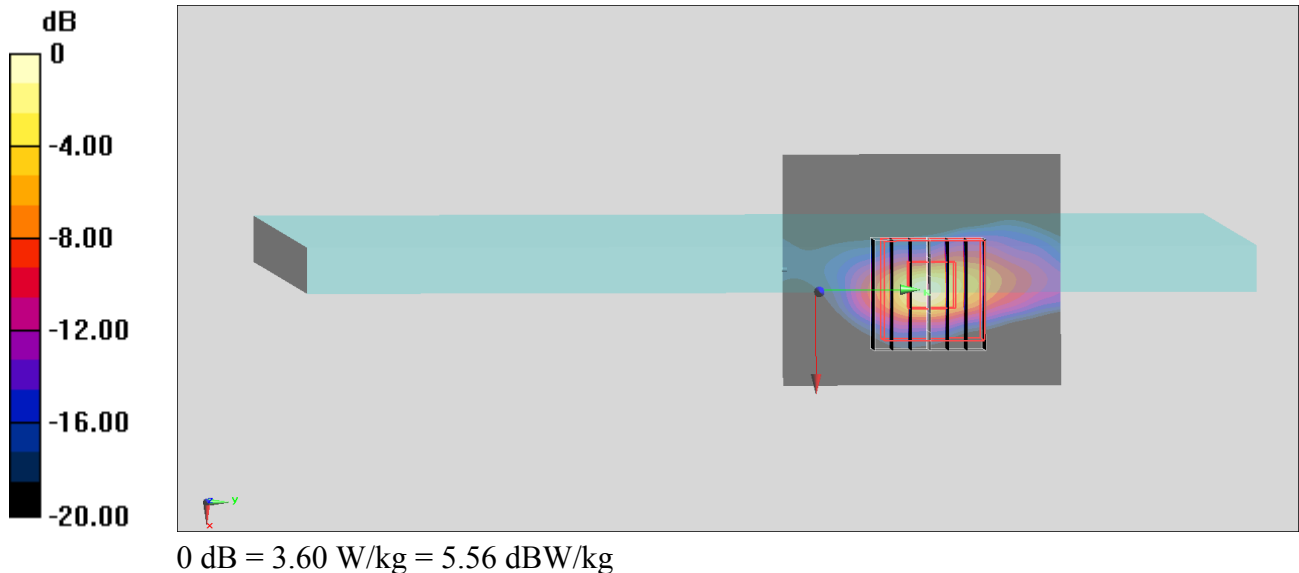
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.07 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 9.32 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 3.74 W/kg



**#05\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 4\_0mm\_Ch159;Ant 1**

Communication System: 802.11n ; Frequency: 5795 MHz;Duty Cycle: 1:1.032

Medium: MSL\_5G\_180930 Medium parameters used :  $f = 5795$  MHz;  $\sigma = 6.137$  S/m;  $\epsilon_r = 46.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (51x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.09 W/kg

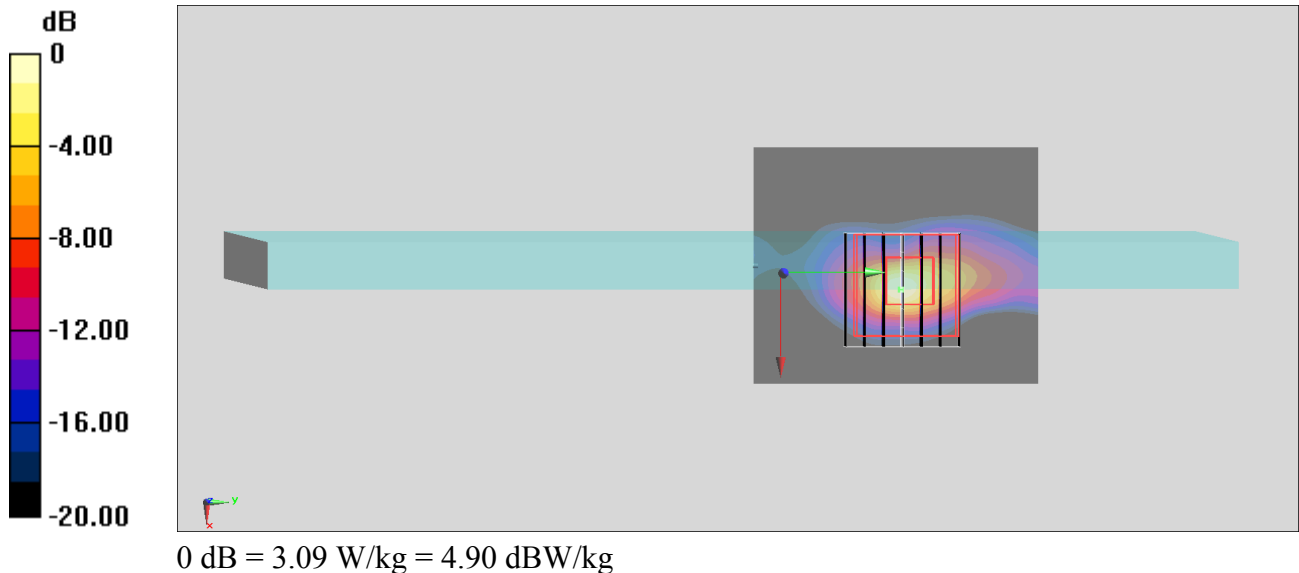
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.37 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 8.00 W/kg

**SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 3.23 W/kg



**#06\_Bluetooth\_1Mbps\_Edge 2\_0mm\_Ch78;Ant 2**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: MSL\_2450\_181006 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.306$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7324; ConvF(7.36, 7.36, 7.36) ; Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.346 W/kg

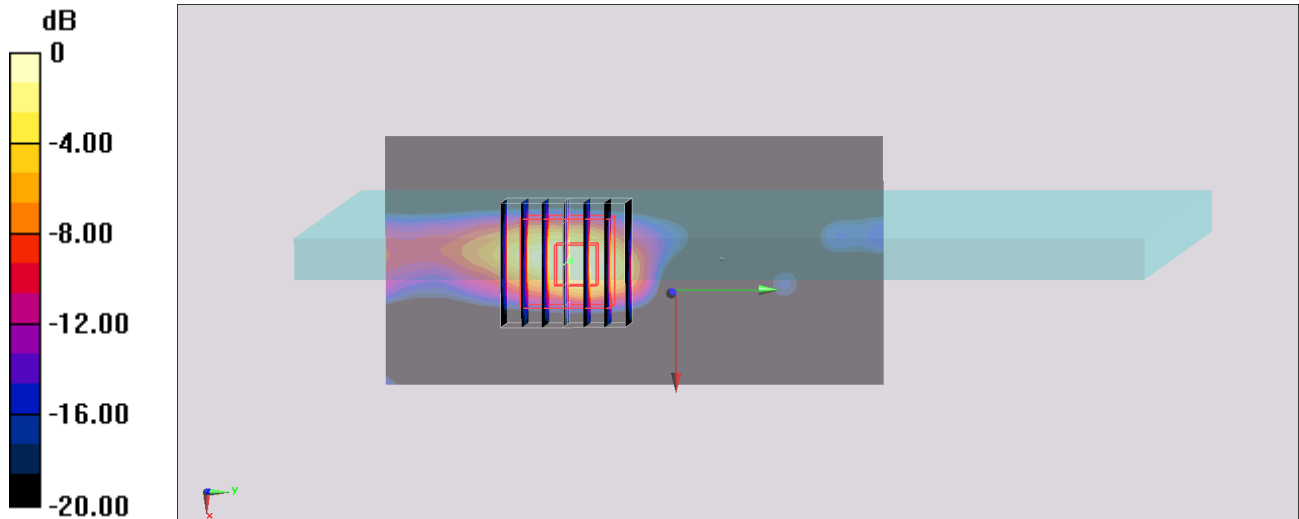
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.141 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg