

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 4\_0mm\_Ch11;Ant 2**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.020

Medium: HSL\_2450\_201103 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 40.242$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.52, 4.52, 4.52) @ 2462 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

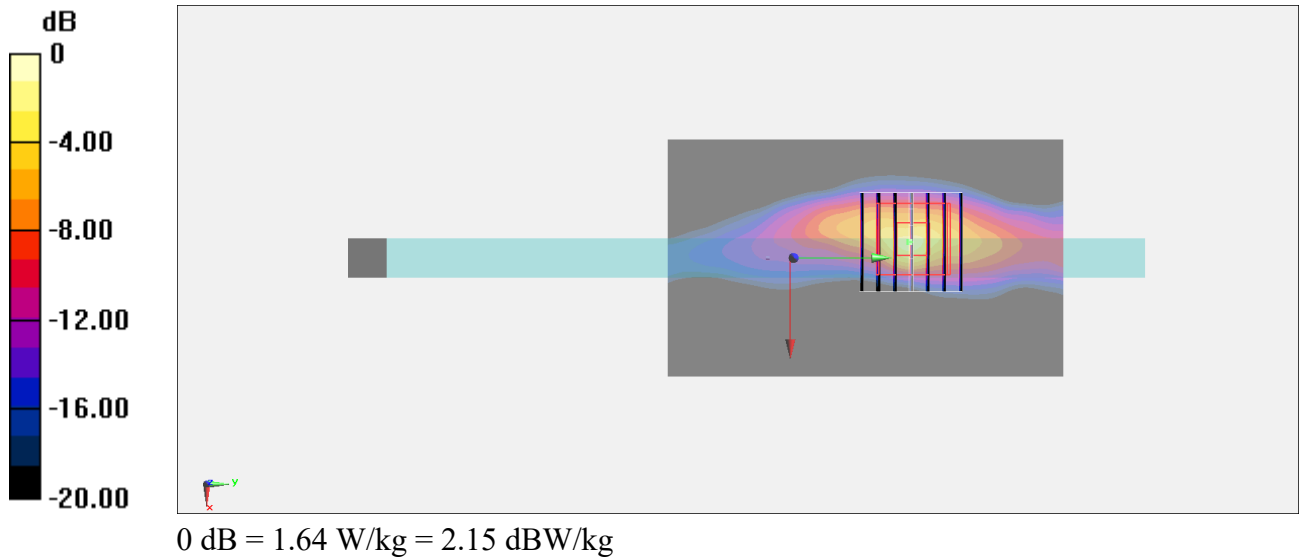
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.42 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.77 W/kg

**SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 1.64 W/kg



**#02\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Edge 2\_0mm\_Ch50;Ant 1**

Communication System: 802.11ac; Frequency: 5250 MHz; Duty Cycle: 1:1.020

Medium: HSL\_5G\_201106 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.84$  S/m;  $\epsilon_r = 37.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5250 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI v4.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x181x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.511 W/kg

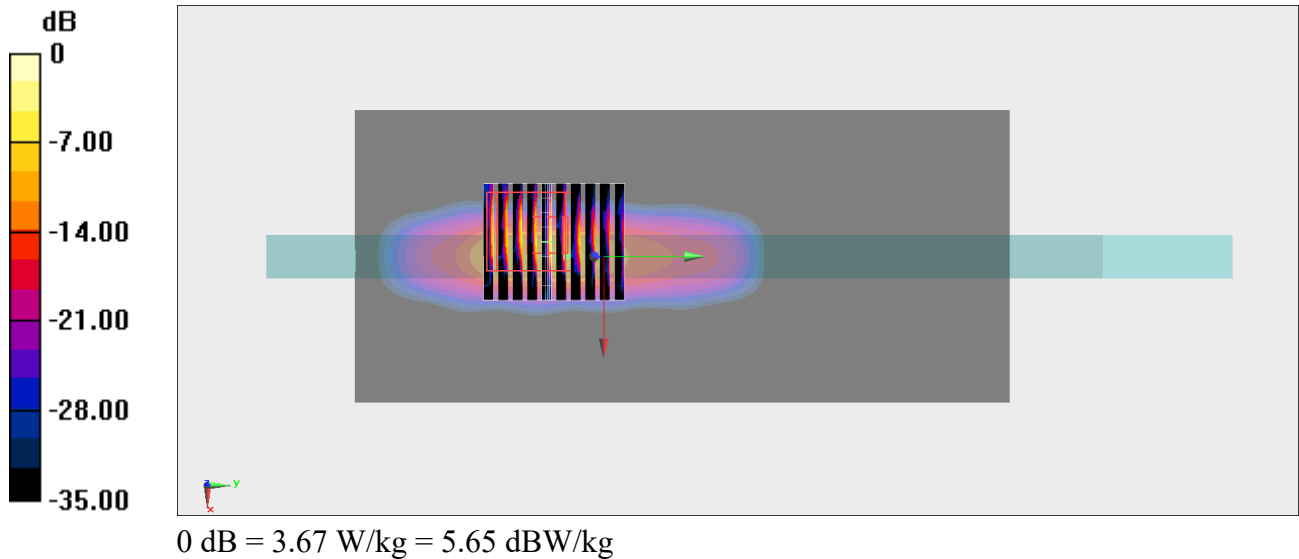
**Zoom Scan (9x10x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 7.605 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 6.67 W/kg

**SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 3.67 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Edge 2\_0mm\_Ch114;Ant 1**

Communication System: 802.11ac; Frequency: 5570 MHz; Duty Cycle: 1:1.020

Medium: HSL\_5G\_201106 Medium parameters used :  $f = 5570$  MHz;  $\sigma = 5.181$  S/m;  $\epsilon_r = 36.704$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5570 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI v4.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.496 W/kg

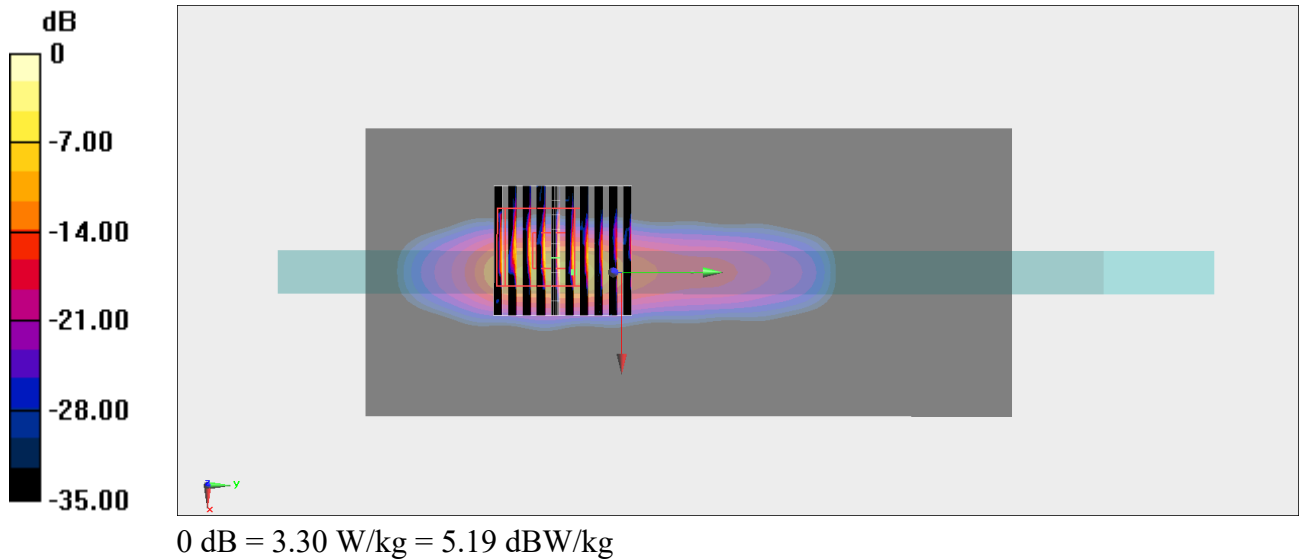
**Zoom Scan (10x10x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.461 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 5.57 W/kg

**SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 3.30 W/kg



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch155;Ant 2**

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.020

Medium: HSL\_5G\_201105 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.292$  S/m;  $\epsilon_r = 36.152$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI v4.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.613 W/kg

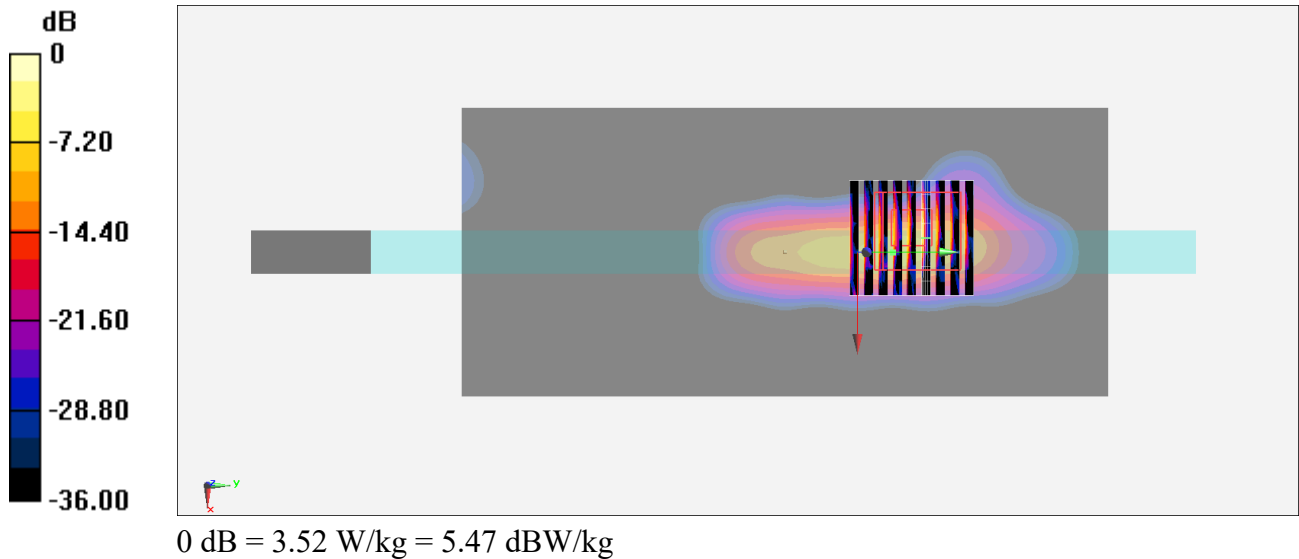
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.096 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.65 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.194 W/kg**

Maximum value of SAR (measured) = 3.52 W/kg



**#05\_Bluetooth\_1Mbps\_Edge 2\_0mm\_Ch39;Ant 1**

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.297

Medium: HSL\_2450\_201106 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.836$  S/m;  $\epsilon_r = 38.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.52, 4.52, 4.52) @ 2441 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.342 W/kg

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

Reference Value = 7.802 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.673 W/kg

