

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

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

Medium: HSL\_2450\_210717 Medium parameters used  $f = 2437$  MHz;  $\sigma = 1.824$  S/m;  $\epsilon_r = 39.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2437 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

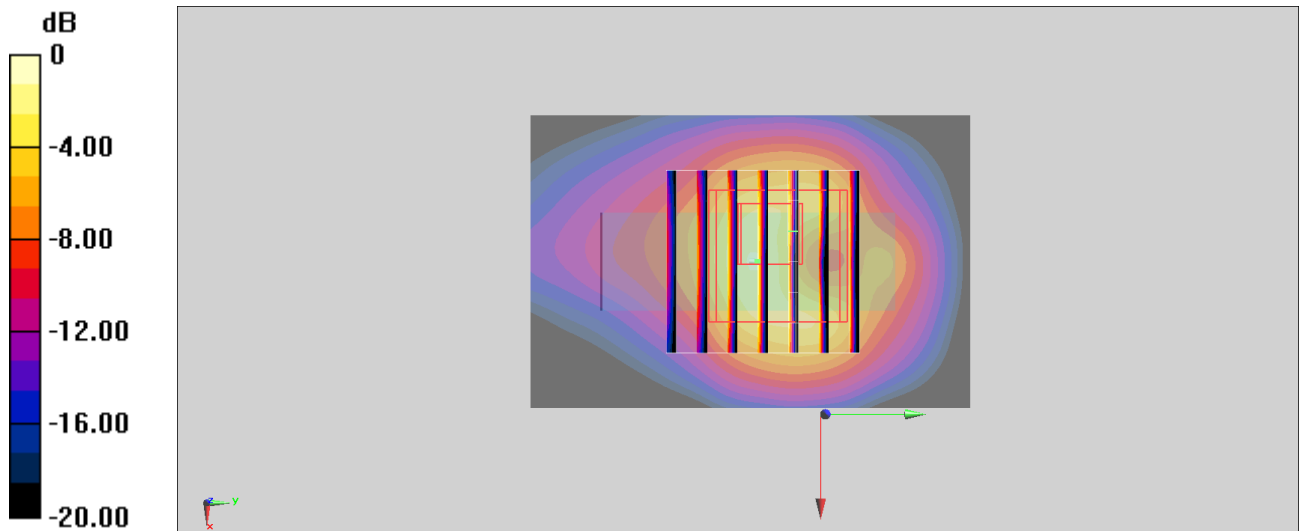
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.89 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.355 W/kg**

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

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

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.012

Medium: HSL\_5G\_210808 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.643$  S/m;  $\epsilon_r = 35.773$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3898; ConvF(5.34, 5.34, 5.34) @ 5270 MHz; Calibrated: 2021/6/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.05 W/kg

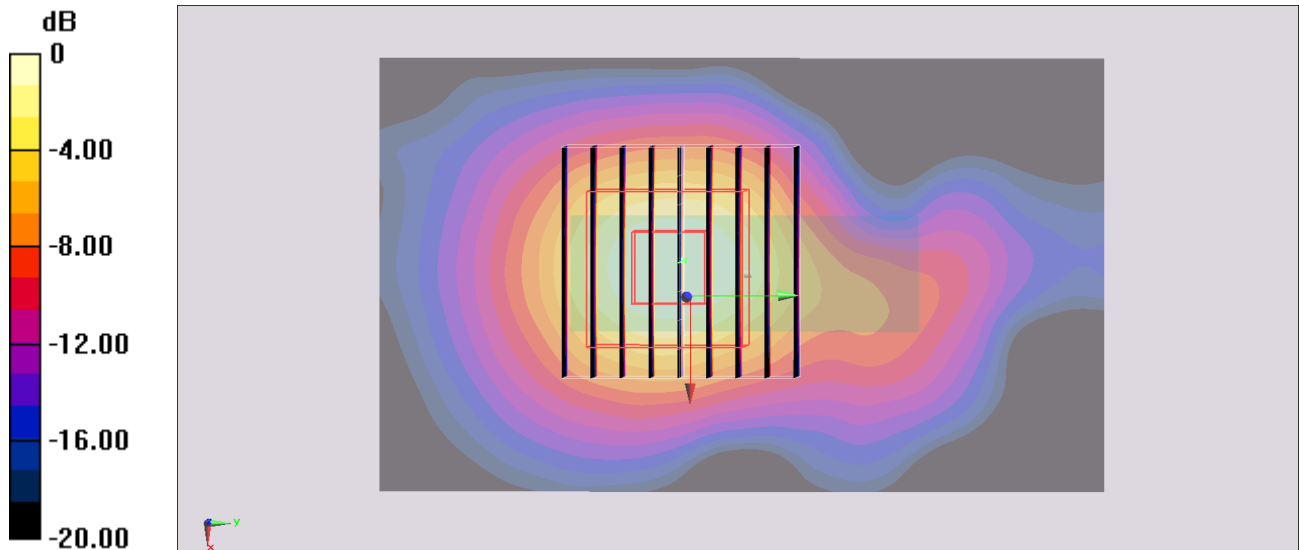
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.61 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.20 W/kg

**SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.337 W/kg**

Maximum value of SAR (measured) = 2.00 W/kg



0 dB = 2.00 W/kg = 3.01 dBW/kg

**#03\_WLAN5GHz\_802.11n-HT40 MCS0\_Tip Mode\_5mm\_Ch142**

Communication System: 802.11n ; Frequency: 5710 MHz;Duty Cycle: 1:1.012

Medium: HSL\_5G\_210809 Medium parameters used:  $f = 5710$  MHz;  $\sigma = 5.181$  S/m;  $\epsilon_r = 35.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3925; ConvF(5.16, 5.16, 5.16) @ 5710 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.53 W/kg

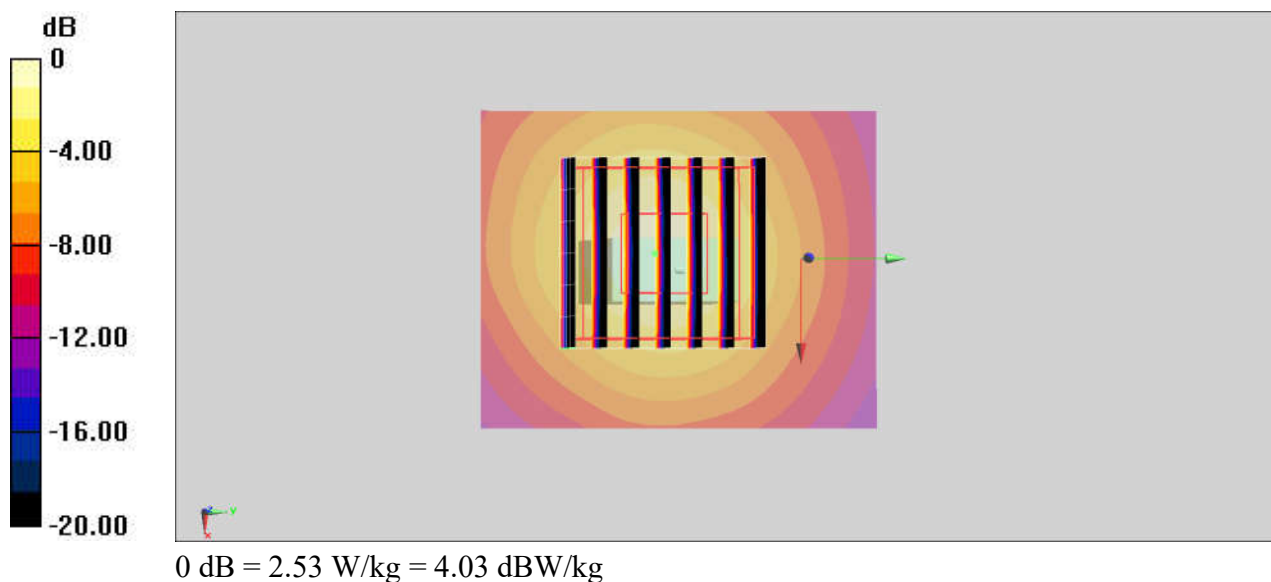
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.35 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.37 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.377 W/kg**

Maximum value of SAR (measured) = 2.53 W/kg



**#04\_WLAN5GHz\_802.11n-HT40 MCS0\_Tip Mode\_5mm\_Ch159**

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1.017

Medium: HSL\_5G\_210809 Medium parameters used :  $f = 5795$  MHz;  $\sigma = 5.184$  S/m;  $\epsilon_r = 35.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3925; ConvF(5.16, 5.16, 5.16) @ 5795 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.51 W/kg

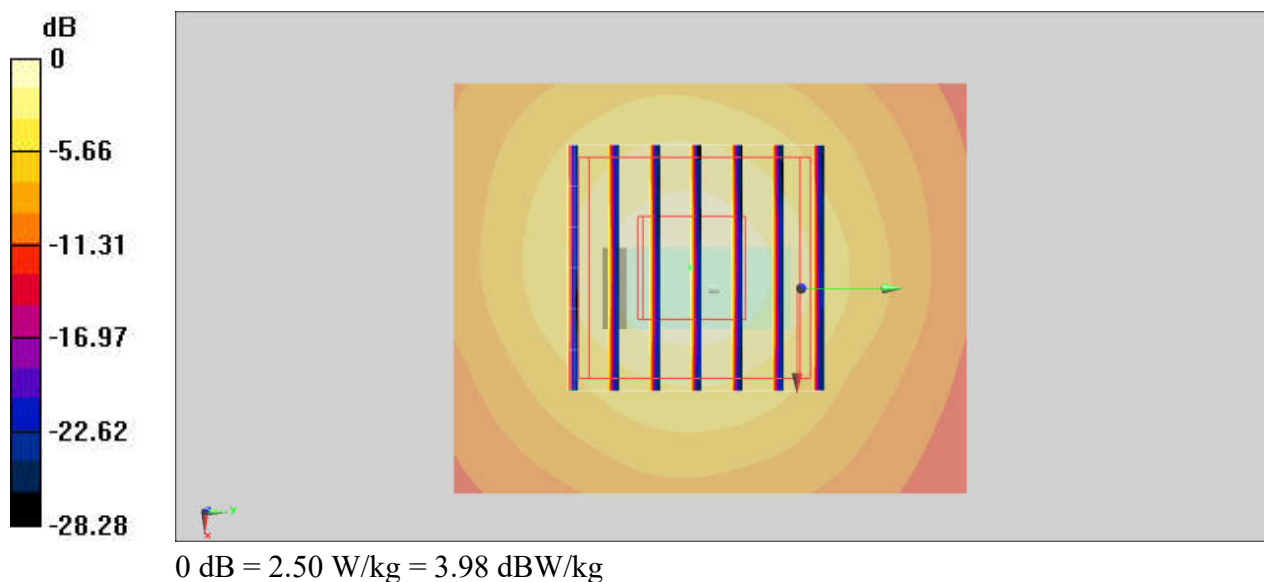
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.89 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.33 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 2.50 W/kg



**#05\_Bluetooth\_LE\_Horizontal Up\_5mm\_Ch00**

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.569

Medium: HSL\_2450\_210730 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.725$  S/m;  $\epsilon_r = 38.77$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.6, 7.6, 7.6) @ 2402 MHz; Calibrated: 2021/6/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0394 W/kg

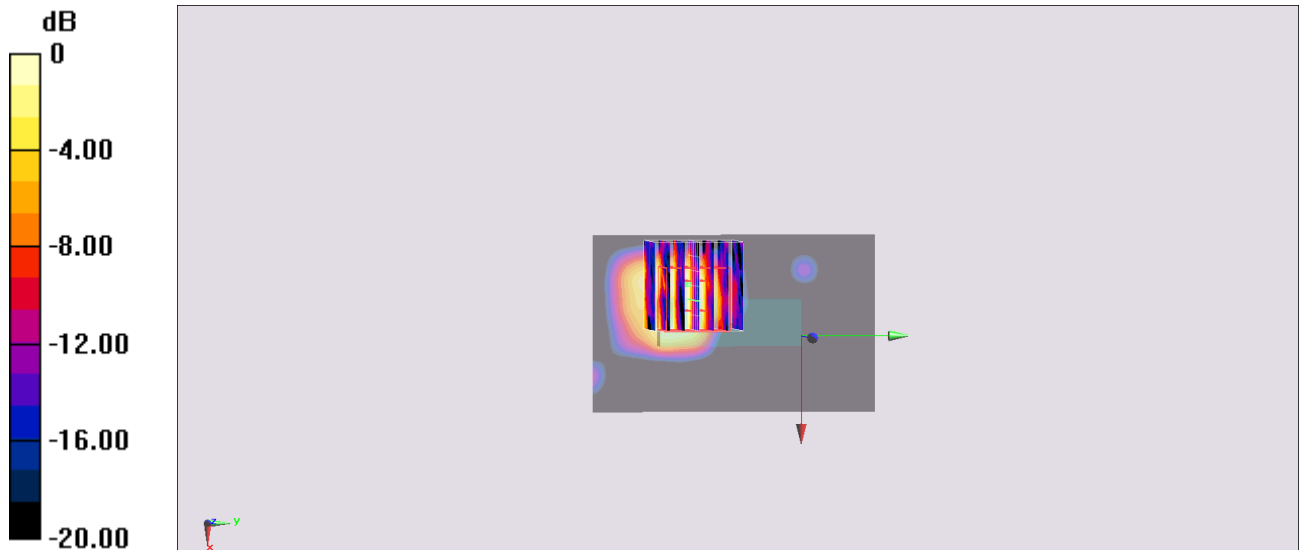
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.171 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0460 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00691 W/kg**

Maximum value of SAR (measured) = 0.0340 W/kg



0 dB = 0.0340 W/kg = -14.69 dBW/kg