

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch11;Ant 1+2**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1.006

Medium: HSL\_2450\_200126 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 38.535$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.48, 7.48, 7.48) @ 2462 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x341x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 21.36 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.478 W/kg**

Maximum value of SAR (measured) = 1.79 W/kg

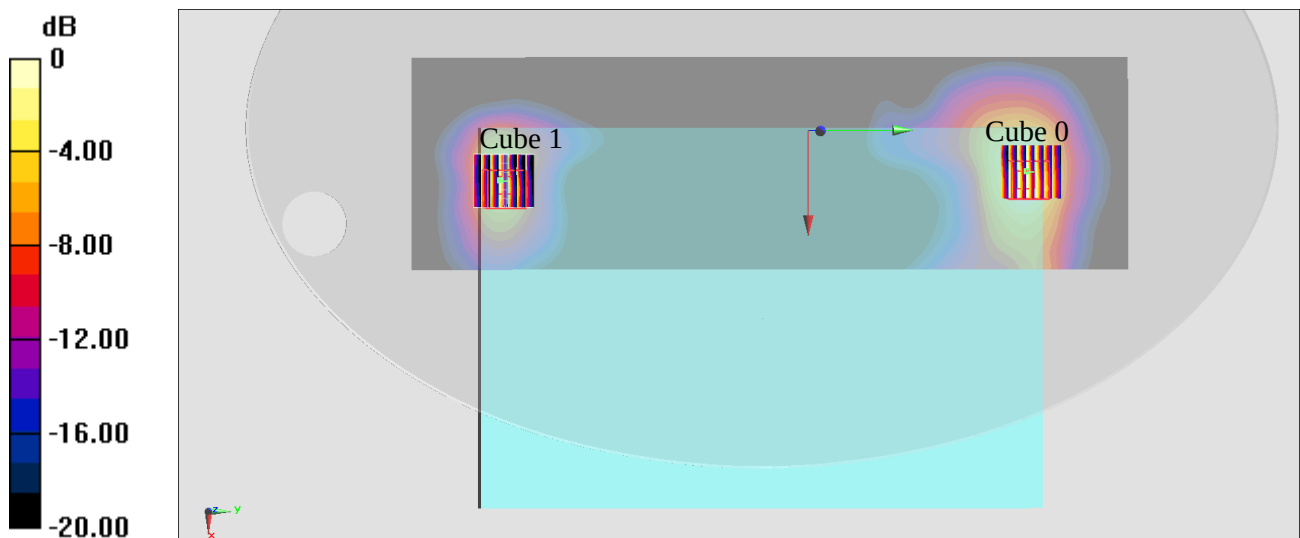
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 21.36 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.193 W/kg**

Maximum value of SAR (measured) = 0.966 W/kg



**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom of Laptop\_0mm\_Ch54;Ant 1+2**

Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.116

Medium: HSL\_5G\_200124 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.794$  S/m;  $\epsilon_r = 36.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(5.34, 5.34, 5.34) @ 5270 MHz;Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (121x401x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.208 W/kg

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

Reference Value = 7.153 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.931 W/kg

**SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.551 W/kg

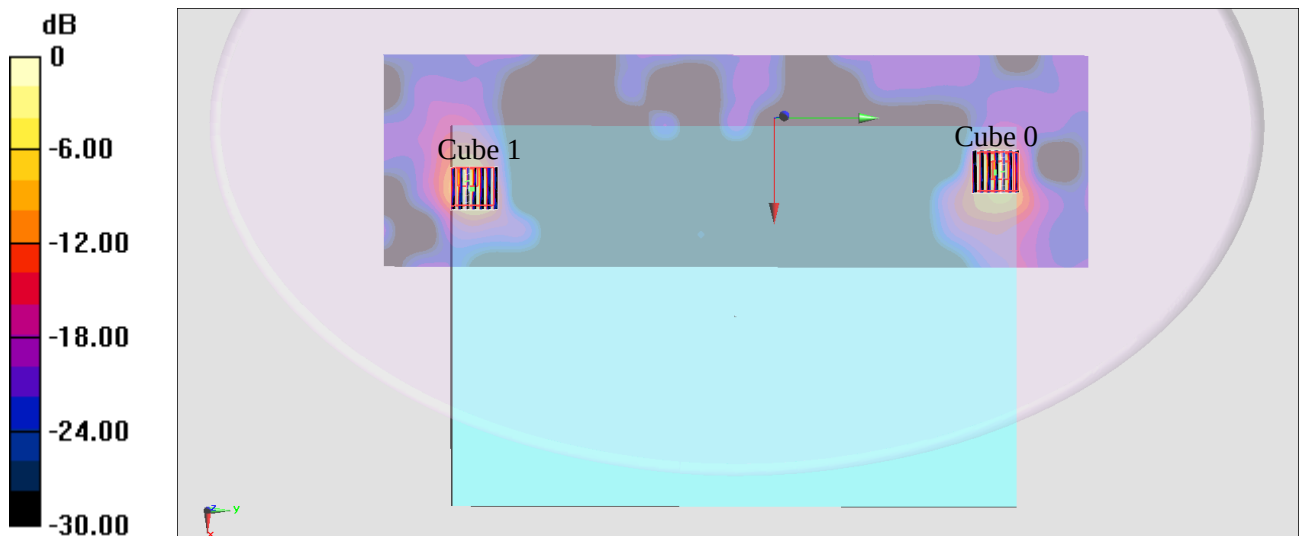
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.153 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.749 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch122;Ant 1+2**

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.15

Medium: HSL\_5G\_200124 Medium parameters used :  $f = 5610$  MHz;  $\sigma = 5.236$  S/m;  $\epsilon_r = 36.184$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(4.79, 4.79, 4.79) @ 5610 MHz;Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (121x401x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.494 W/kg

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

Reference Value = 8.532 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.081 W/kg**

Maximum value of SAR (measured) = 1.11 W/kg

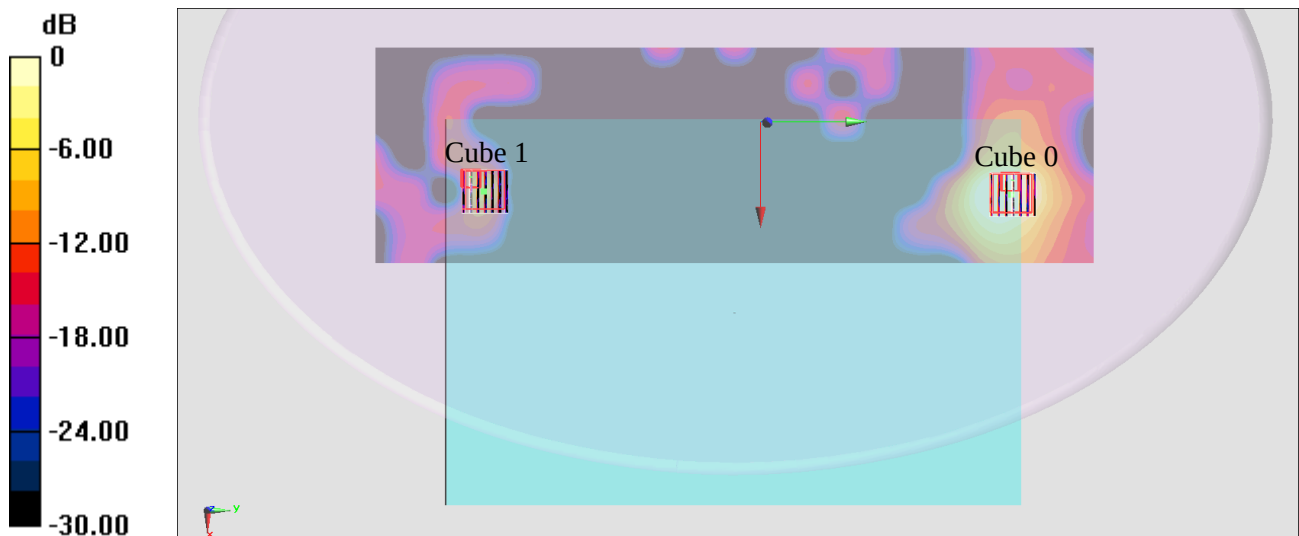
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.532 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.289 W/kg

**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.00892 W/kg**

Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg

**#04\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom of Laptop\_0mm\_Ch159;Ant 1+2**

Communication System: 802.11n ; Frequency: 5795 MHz;Duty Cycle: 1:1.116

Medium: HSL\_5G\_200124 Medium parameters used :  $f = 5795$  MHz;  $\sigma = 5.32$  S/m;  $\epsilon_r = 36.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(4.93, 4.93, 4.93) @ 5795 MHz;Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (121x401x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.880 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.73 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.02 W/kg

**SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 1.72 W/kg

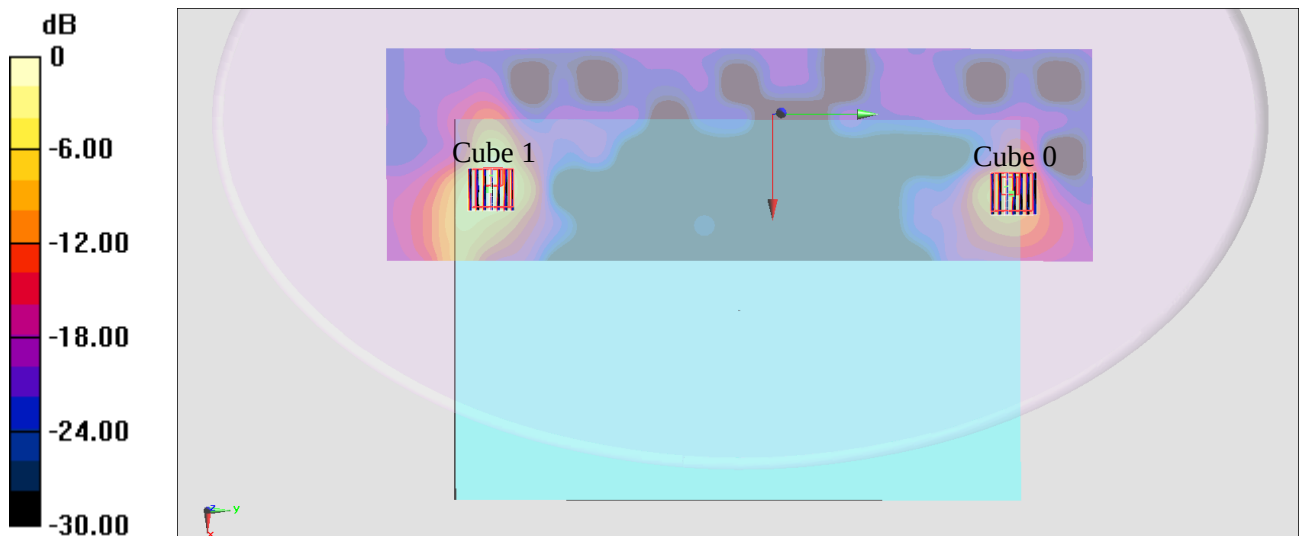
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.73 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.908 W/kg



0 dB = 0.908 W/kg = -0.42 dBW/kg

**#05\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch78;Ant 2**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.307

Medium: HSL\_2450\_200126 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.817$  S/m;  $\epsilon_r = 38.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.48, 7.48, 7.48) @ 2480 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x341x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0125 W/kg

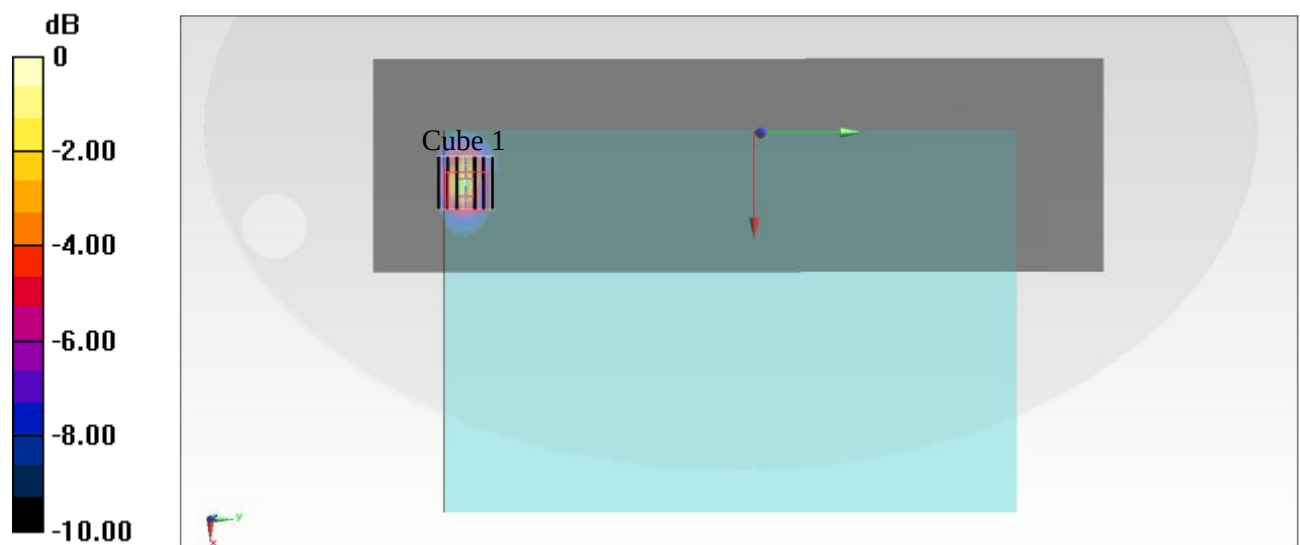
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.144 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0341 W/kg

**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00241 W/kg**

Maximum value of SAR (measured) = 0.0247 W/kg



0 dB = 0.0247 W/kg = -16.07 dBW/kg