

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_0mm\_Ch11**

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

Medium: MSL\_2450\_170928 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.032$  S/m;  $\epsilon_r = 54.178$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.94, 7.94, 7.94); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

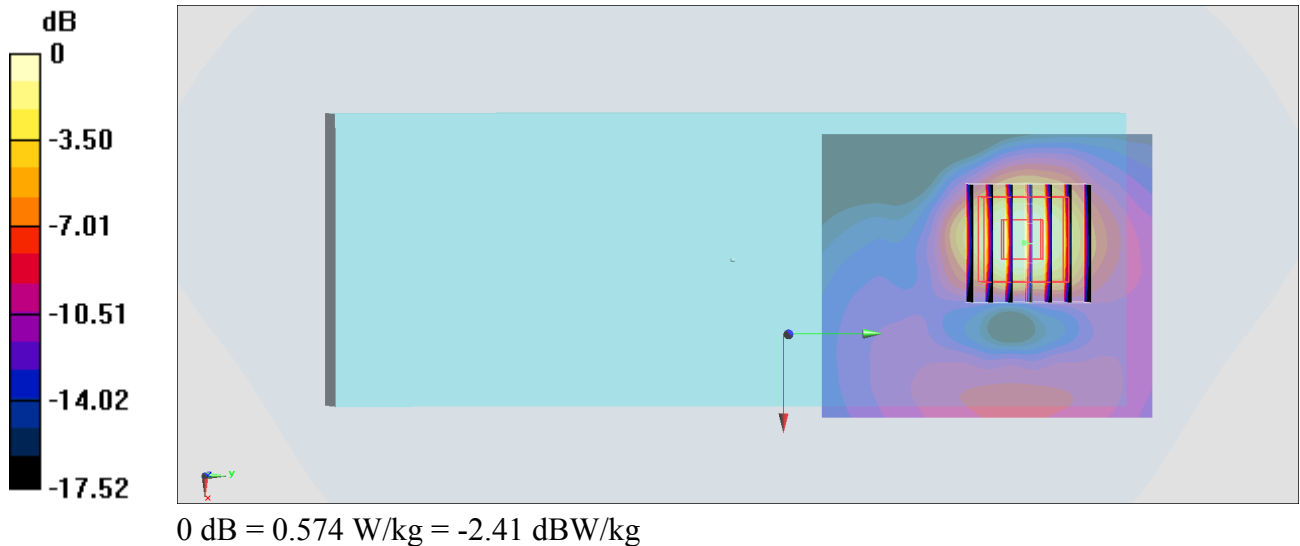
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.282 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.678 W/kg

**SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 0.574 W/kg



**#02\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch60**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.05

Medium: MSL\_5G\_171002 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.243$  S/m;  $\epsilon_r = 46.637$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

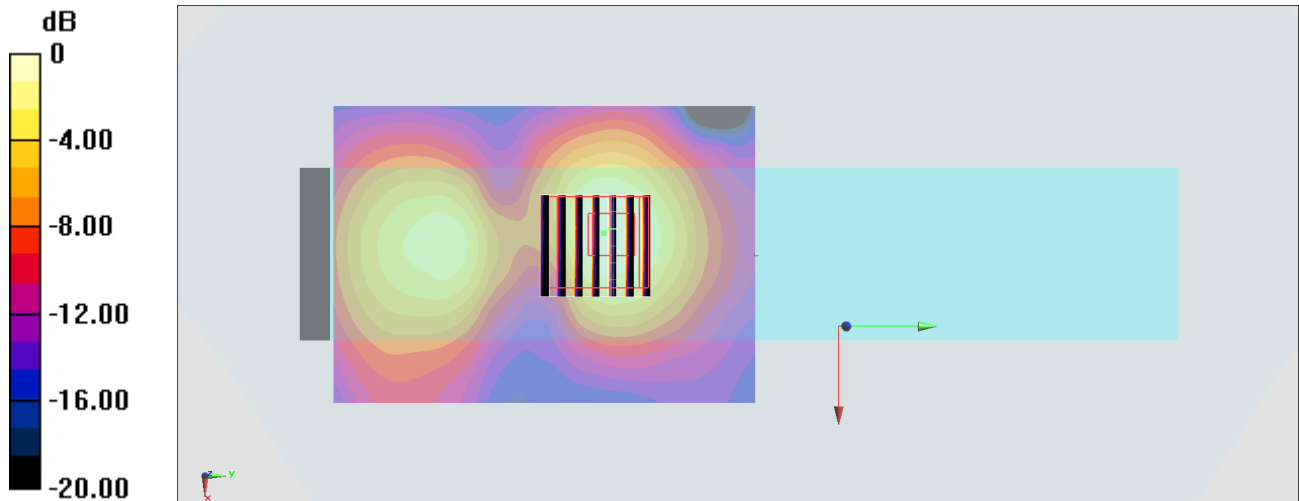
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.75 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.39 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.193 W/kg**

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

**#03\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch132**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.05

Medium: MSL\_5G\_171002 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.701$  S/m;  $\epsilon_r = 46.071$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

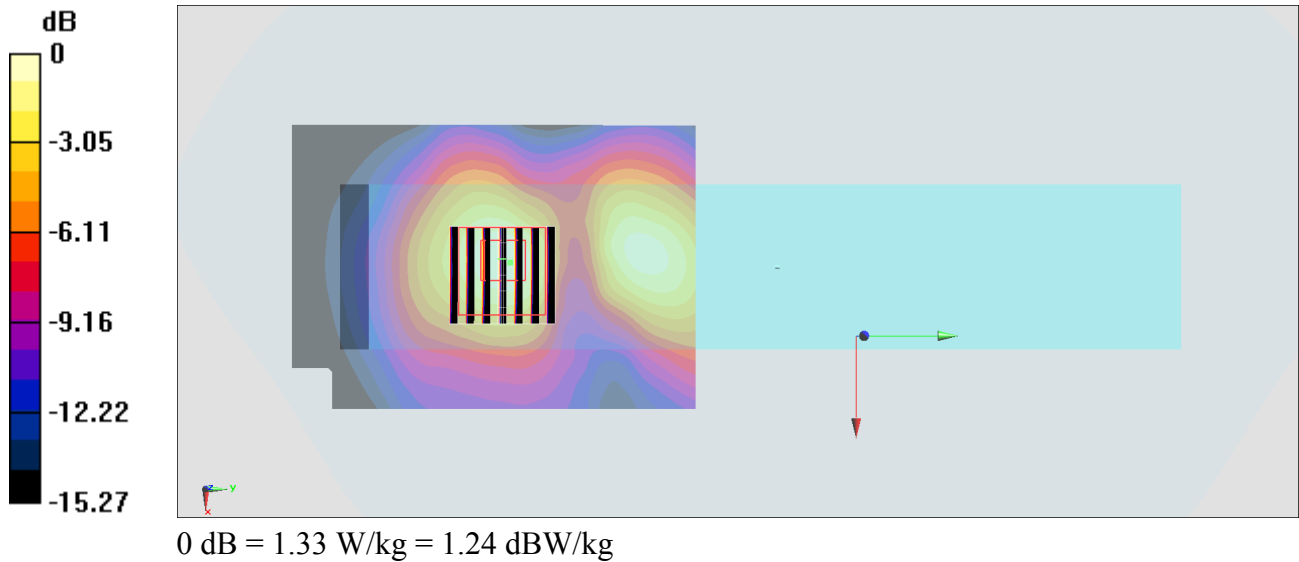
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.40 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.10 W/kg

**SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



**#04\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch165**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.05

Medium: MSL\_5G\_171002 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.918$  S/m;  $\epsilon_r = 45.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

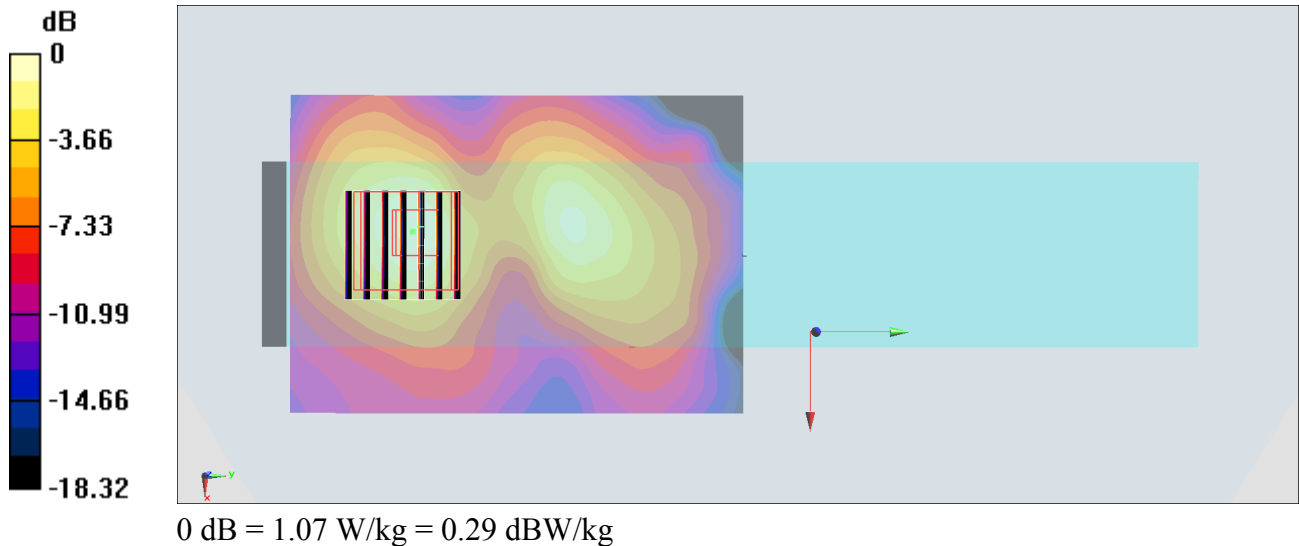
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.53 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.169 W/kg**

Maximum value of SAR (measured) = 1.07 W/kg



**#05\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_0mm\_Ch11**

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

Medium: MSL\_2450\_170928 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.032$  S/m;  $\epsilon_r = 54.178$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.94, 7.94, 7.94); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.363 W/kg

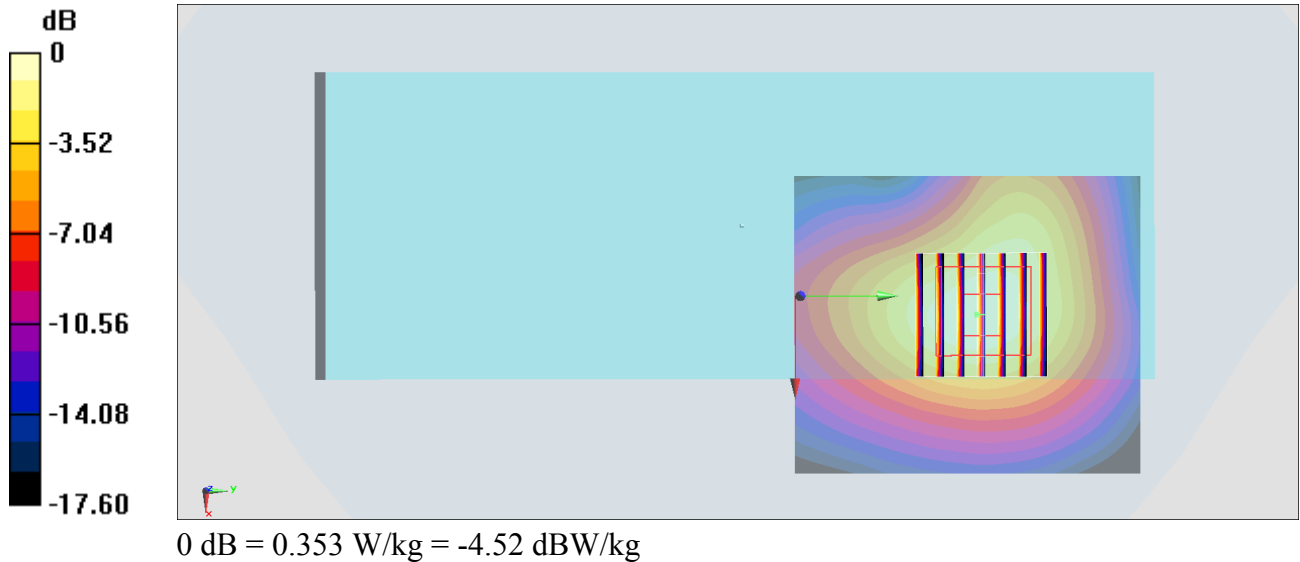
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.62 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.427 W/kg

**SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 0.353 W/kg



**#06\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch60**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.05

Medium: MSL\_5G\_171002 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.243$  S/m;  $\epsilon_r = 46.637$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x61x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 1.83 W/kg

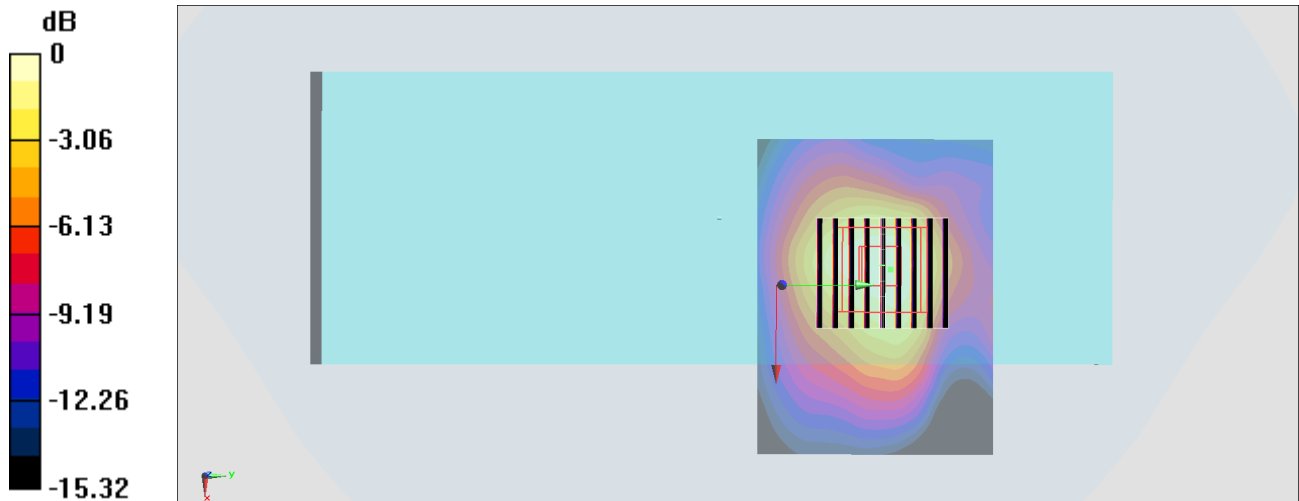
**Zoom Scan (8x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 18.15 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.712 W/kg

**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.332 W/kg**

Maximum value of SAR (measured) = 1.769 W/kg



0 dB = 1.769 W/kg = 2.48 dBW/kg

**#07\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch132**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.05

Medium: MSL\_5G\_171002 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.701$  S/m;  $\epsilon_r = 46.071$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x61x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 2.35 W/kg

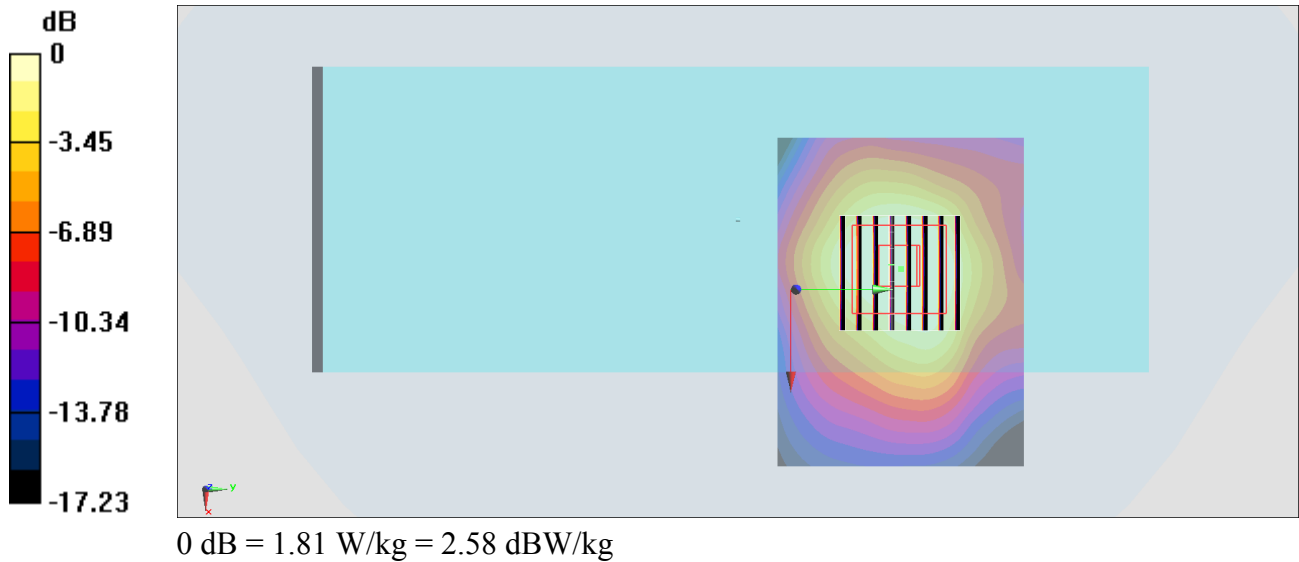
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 22.69 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.67 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.363 W/kg**

Maximum value of SAR (measured) = 1.81 W/kg



**#08\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch157**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.05

Medium: MSL\_5G\_171002 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.871$  S/m;  $\epsilon_r = 45.893$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.58 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.55 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.363 W/kg**

Maximum value of SAR (measured) = 2.56 W/kg

