

## #02\_Zigbee\_Back\_0mm\_Ch11

Communication System: Zigbee; Frequency: 2405 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_190910 Medium parameters used :  $f = 2405$  MHz;  $\sigma = 1.745$  S/m;  $\epsilon_r = 39.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2405 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.557 W/kg

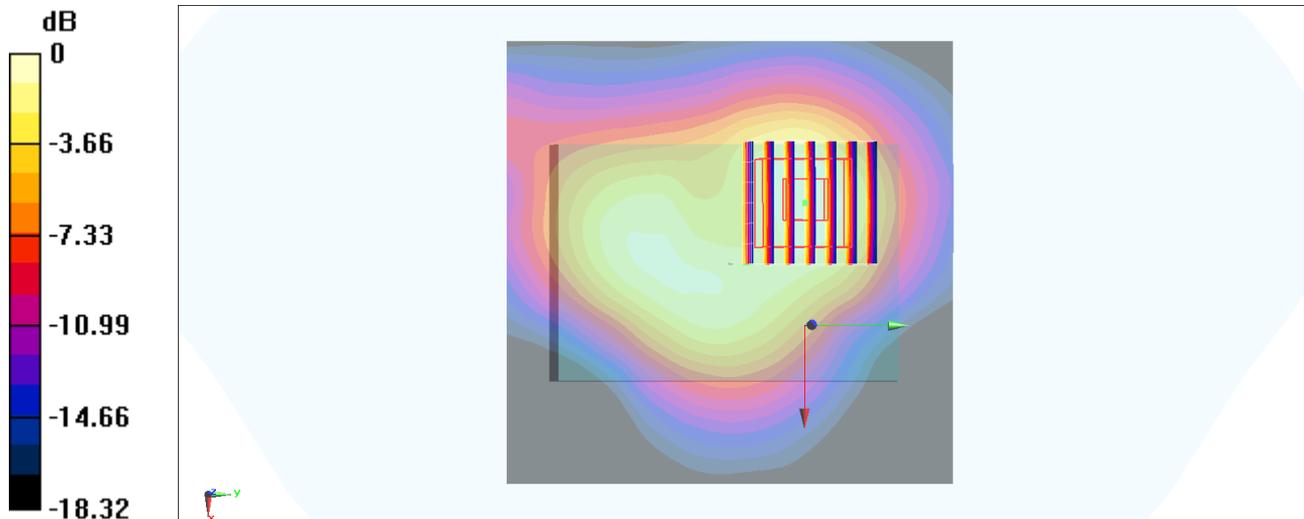
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.03 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.759 W/kg

**SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.228 W/kg**

Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg