

**QPSK\_2475Mhz****DUT: X8**

Communication System: QPSK; Frequency: 2475 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2475$  MHz;  $\sigma = 1.759$  S/m;  $\epsilon_r = 40.263$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2021/3/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Vertical antenna A/Area Scan (91x121x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

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

Reference Value = 2.788 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.103 W/kg

