

Test Laboratory: BTL Inc.

Date: 2025/4/15

W07_2.4G SRD_2440MHz_Horizontal Up_5mm

DUT: Wireless Dongle;

Communication System: UID 0, SRD (0); Frequency: 2440 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.81 \text{ S/m}$; $\epsilon_r = 39.675$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.8 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(7.59, 6.97, 6.79) @ 2440 MHz; Calibrated: 2025/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.0757 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.683 V/m ; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.054 W/kg ; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0860 W/kg

