



Excellence in Compliance Testing

Certification Exhibit

FCC ID: OF8-TM8D

FCC Rule Part: CFR 47 Part 95, Subpart H

ACS Project Number: 15-3052

**Manufacturer: Life Sensing Instrument Company
Model: TM8D**

RF Exposure

General Information:

Applicant: Life Sensing Instrument Company
Environment: General Population/Uncontrolled Exposure
Exposure Conditions: Portable (Hand-held/ body worn)

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 614 MHz
Antenna Type: monopole
Antenna Gain: <=1 dBi
Maximum Transmitter Conducted Power: -8.2 dBm, 0.15 mW
Maximum Transmitter EIRP: -7.2 dBm, 0.2 mW

Justification for SAR Test Exclusion (FCC):**Standalone SAR Test Exclusion:**

Per KDB 447498 D01 General RF Exposure Guidance v05r02, the standalone 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

$$= (0.15 / 5\text{mm}) \cdot (\sqrt{0.614}) = 0.024$$

0.024 < 3

This is below any threshold limit.

Standalone SAR test exclusion is applied.