

**FCC Part 15.247  
Transmitter Certification**

**Test Report**

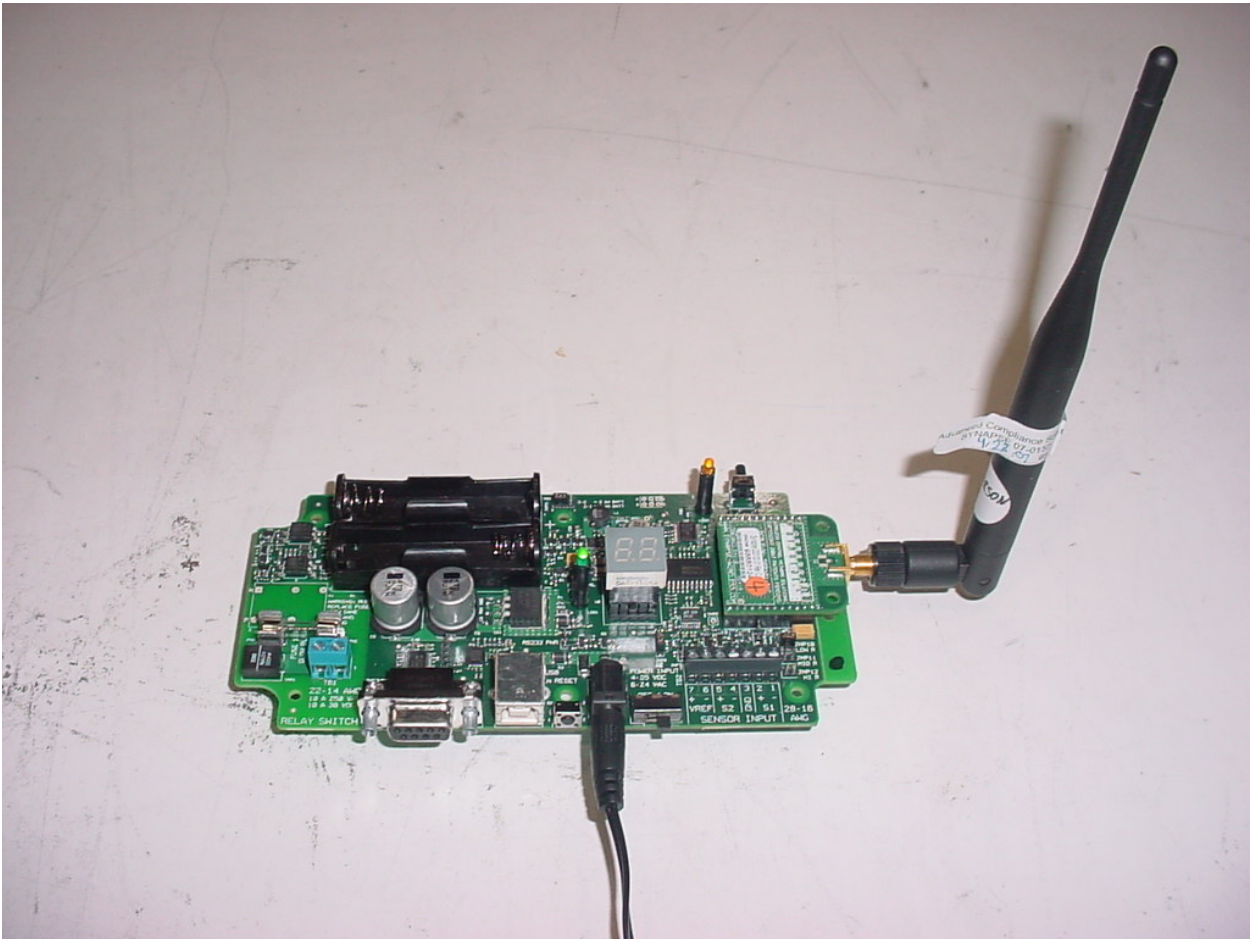
**FCC ID: U90-RFET**

**FCC Rule Part: 15.247**

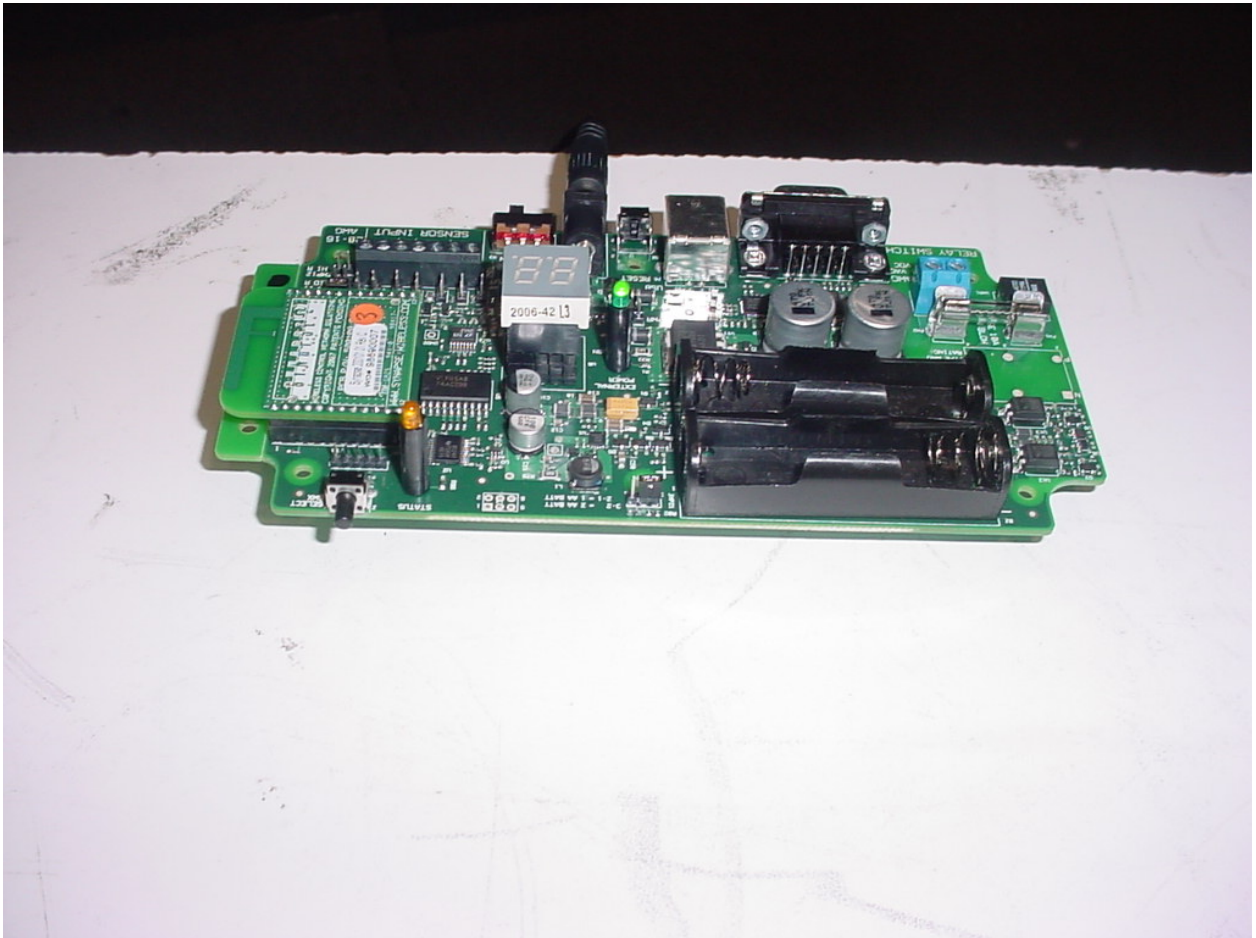
**ACS Report Number: 07-0157-15C-RFET**

Manufacturer: Wireless Control Network Solutions, LLC.; dba Synapse  
Brand Name: RF Engine  
Model: RFET

**Test Setup Photographs**



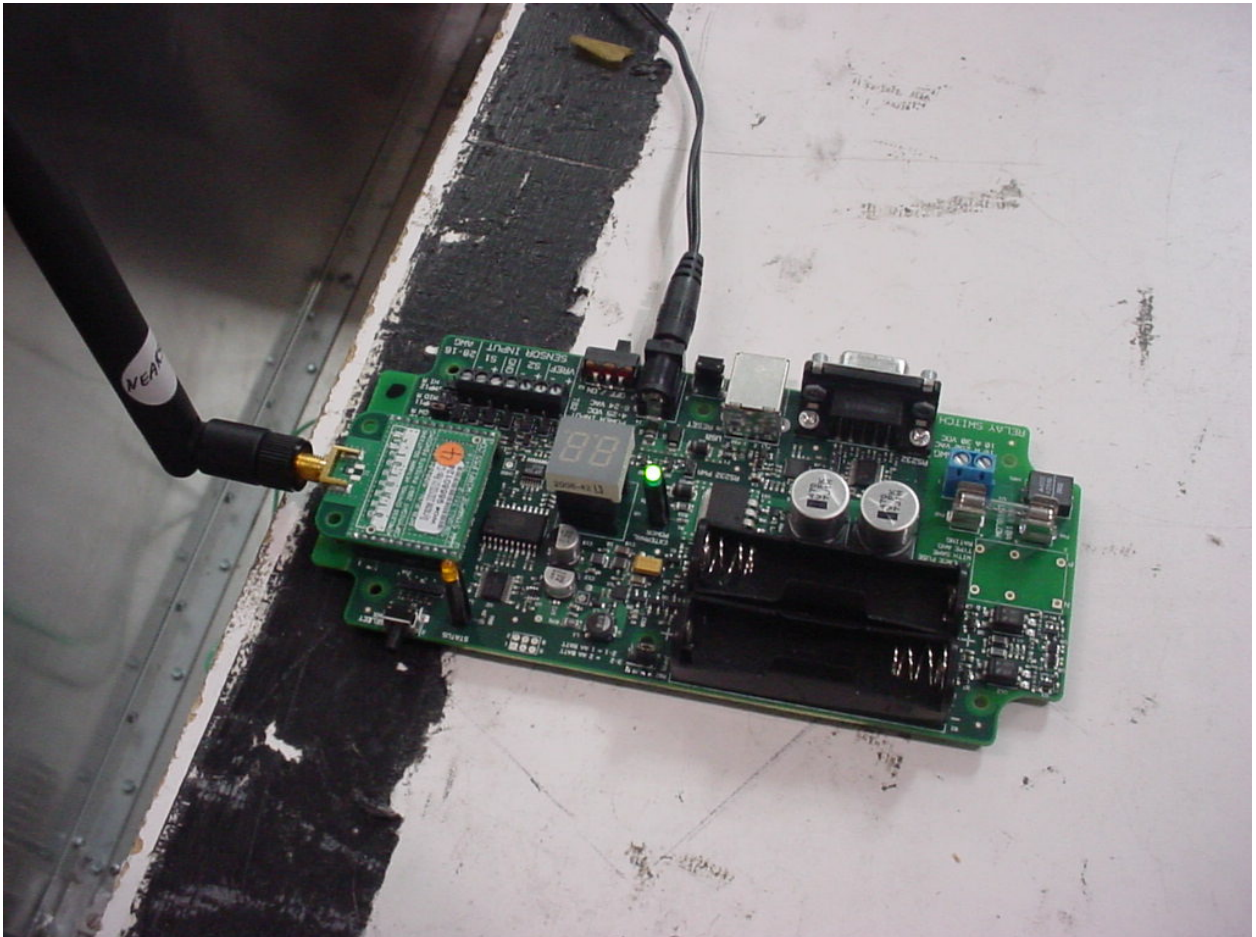
**Figure 1: Test Setup – Radiated Emissions - RSMA**



**Figure 2: Test Setup – Radiated Emissions – F Antenna**



**Figure 3: Test Setup – Radiated Emissions – F Antenna**



**Figure 4: Test Setup – AC Power Line Conducted Emissions – RSMA**



**Figure 5: Test Setup – AC Power Line Conducted Emissions - RSMA**



**Figure 6: Test Setup – AC Power Line Conducted Emissions – F Antenna**



**Figure 7: Test Setup – AC Power Line Conducted Emissions – F Antenna**