

Raytheon Missile Systems
Experimental License Application #: 0233-EX-PL-2008

Exhibit 2 – Explanation of Request for 5 Year License

This research program has been designed to make multiple readings and then analyze the collected data over a five year period. The research program was designed to take advantage of expected simultaneous technological advances in radio technology, computer hardware and software. Experimenting with the new technology will result in a more effective use of the Ka Band Radar. The five year time period requested is the shortest time in which we can achieve the goals of this program.