

Question 7 Purpose of Experiment

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The purpose of the experiment is to test a radar product for customer review and factory acceptance. A factory test procedure will be followed during testing. The radar product uses the same single antenna for transmit and receive. The radar testing will include calibration on a target placed in front of the antenna and range testing for RCS imaging.

A single antenna is used for both transmit and receive on the radar during all tests. Testing will not occur at all times since other non-transmitting tests will also be conducted on the radar product at this location.