

From: David Siddall

To: Nimesh Sangani
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Subject: Additional Information Request

Message:

The fixed antenna is used for both transmitting and receiving. TDD is employed to share the same channel. After a frame of data is received from the mobile unit, the fixed antenna is used to transmit a frame of DBPSK modulated data back to the mobile unit. The fixed antenna will transmit a single frame only in response to a frame received from the mobile unit - it remains in listen-only mode until a frame is received.

Upon review, 5 kW ERP for the fixed antenna is sufficient. I have modified the application accordingly.