

17 Testing the Antenna System

This part describes how to test the VSWR of the antenna after the antenna system is installed.

Procedure

Measure the VSWR of the antenna on the jumpers using a radio analyzer.

If...	Then...
The VSWR is lower than 1.5 (with a TMA installed).	The antenna is operational.
The VSWR is not lower than 1.5 (with a TMA installed).	Problems occur to the antenna system. In this case, measure the VSWR step by step to locate the problems. The antenna system is faulty. In such a case, measure the VSWR at each jumper segment by segment to locate the problem. You can also measure the return loss of the entire system to locate the problem effectively.

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