

- Return Loss & VSWR Test

The VSWR measurement of antennas assembled into a fully operating SM-A236V phone handset is measured on the Network Analyzer. The handset is set up with a 50ohm coaxial cable connected to the 50ohm point. Calibration is done at the end of the 50ohm coaxial cable connection. The other end of the 50ohm coaxial cable is connected to a network analyzer. The handset is positioned on a non-conductive table for free space measurements.



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Galtronics has a system that can measure VSWR using MTG chamber and E5071B network analyzer for passive measurement. In order to measure the VSWR of each antenna, the lab connects the coaxial cable to the point in contact with the antenna on the main board. The VSWR is measured through the coaxial cable connected in the set. At this time, SM-A236V is assembled in the same state as the user environment.

