

Option W16 (Individual Test Data) Definition/Description:

If requested, Cross Technologies will provide a copy of our 'test tag' with every unit shipped. This Test Tag provides a "Check-off" verification for every test that is preformed, indicating that all measurements taken are in compliance with our published (datasheet) specifications and that all feature/capabilities are functional. There is NO CHARGE for this Test Tag.

However, many customers desire (require?) more extensive Test Data information for **FREQUENCY CONVERTERS**. For those customers, we offer Option W16 (Individual Test Data) that provides Test Data measurements to be taken and recorded and Plots (pictures) provided (where appropriate) for the following Specification items. [Copy of Test Data to be provided with each unit Serial Number.]

- 1) Return Loss (In & Out)
- 2) Noise Figure

The following Specifications will be tested (and recorded) @ Low, Mid & High points of Frequency Range:

- 1) Phase Noise
- 2) Gain (Gain Stability)
- 3) Spurious
- 4) 1 dB compression point
- 5) Intermodulation
- 6) Gain Flatness @ Min, Mid and Max Gain settings
- 7) Image Rejection

Test Verification "OK" data (not actual values) to be recorded for the following specifications:

- 1) Frequency steps (xx MHz or KHz)
- 2) Remote Functionality
- 3) Alarm Functionality
- 4) Frequency Accuracy
- 5) Attenuator steps
- 6) 10 MHz Ext Reference In (if Option available)
- 7) 10 MHz Reference Out (if Option available)
- 8) IF Monitor (if Option available)
- 9) RF Monitor (if Option available)
- 10) LO1 Monitor (if Option available)