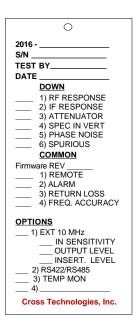
Test Verification/Data Alternatives from Cross Technologies.

Cross Technologies, Inc. offers two alternatives for Test Data on our *FREQUENCY CONVERTER* units. We offer a NO CHARGE Test Tag solution and a \$300.00 Optional full Test Data solution. These are described below.

Test Tags

Test Tags, see representative samples below, are attached to every unit through the production process. At the Final Assembly & Test point, we perform verification 'check- offs' indicating that each Specification is met (or exceeded) and that each Feature/Capability (Step Size, Alarms, Remote Communications, etc.) is functioning as designed. If you would like a NO CHARGE copy of the Test Tag(s) for your units, please request them with your PO. We do not 'automatically' copy and provide these Test Tags with each unit.





Test Data, (Option W16), \$300.00 per unit.

The second alternative is to 'order' Test Data on your purchase order. This is our Option W16 (Individual Test Data) and the cost is a flat rate, \$300.00 per unit. The Definition/Description of Option W16 is as follows:

If more extensive Test Data information for *FREQUENCY CONVERTERS* is required, 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

Test Verification/Data Alternatives from Cross Technologies.

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

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

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

Test Data / Test Tag - Multiple Unit Purchase Alternative.

Some customers, who are purchasing multiple numbers of the same model unit, have chosen to purchase only one (1) Test Data Option, per multi-unit order and request the NO CHARGE Test Tag's for the remainder of the order. This gives them a 'representative' sample of the units' performance within the multiple units purchased on that PO, and saves them the additional cost of Test Data for every additional unit.