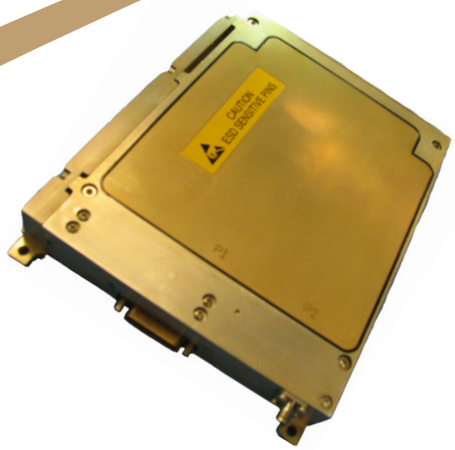
Instantaneous Frequency Measurement

FDFD7409-1

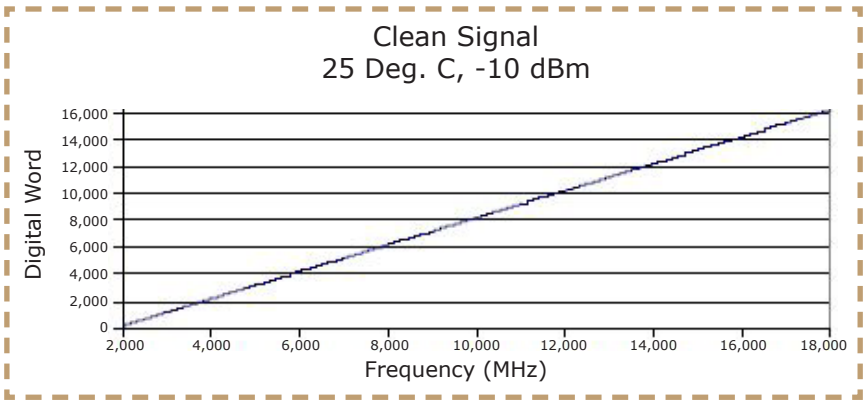


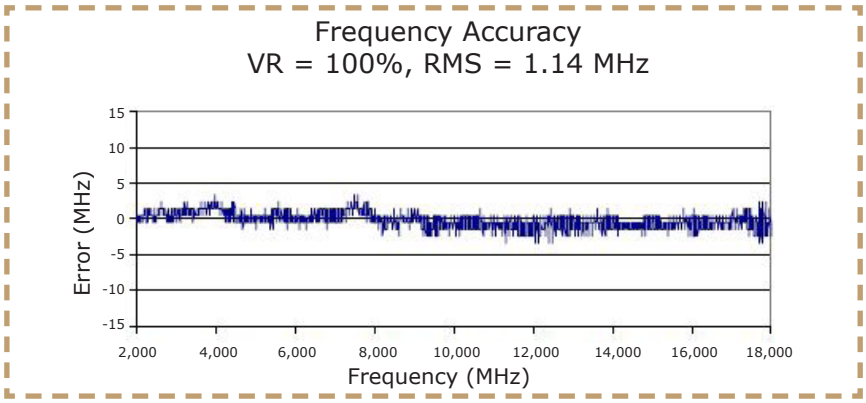
FEATURES

- High Accuracy
- High Resolution
- Low Power
- Short RF Pulse Capture
- Pipeline Processor
- High Data Rate
- Small Package Size
- Light Weight
- Erroneous Data Detection (Optional)

APPLICATIONS

- Electronic Counter Measurers
- Signal Intelligence
- Radar Warning Receivers
- Capture of Single RF Pulse Events
- Identification of Frequency Agile Radar

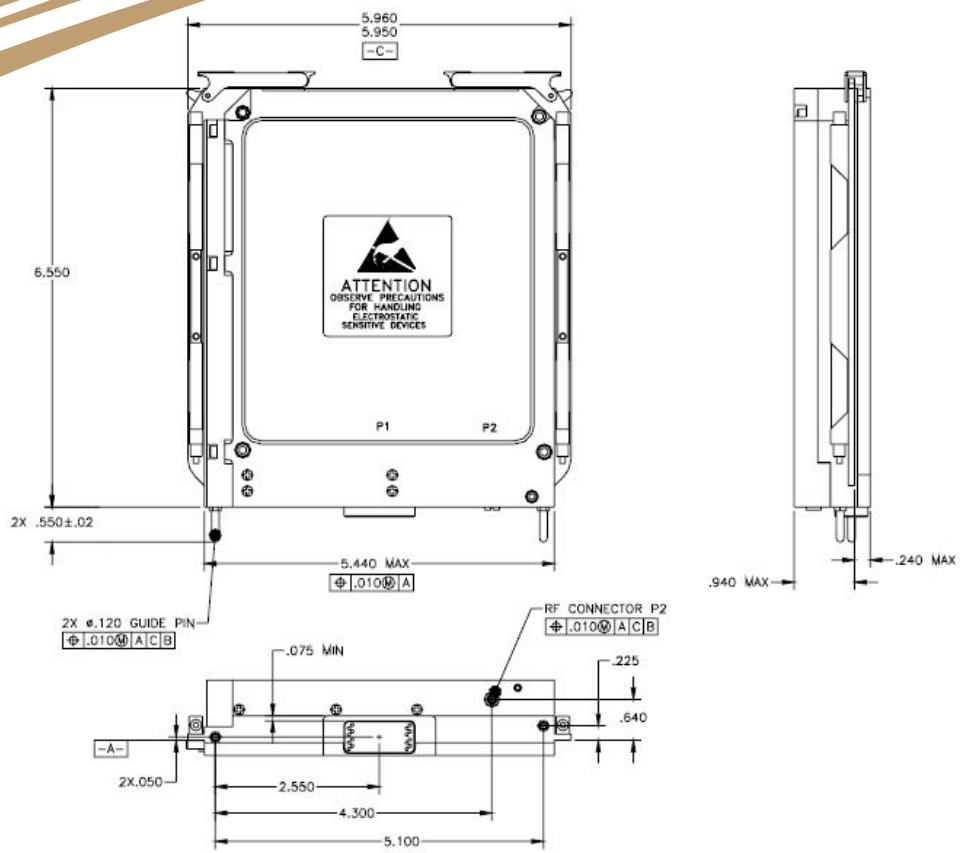




Rev 4.10.12

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Specifications Highlights:	
Frequency Range (GHz)	2 to 18 GHz
Number of Bits	14
RMS Frequency Accuracy	2 MHz at 6 dB SN 3 MHz at 0 dB SN
Frequency Resolution	1 MHz
Dynamic Range	-50 to +10 dBm
VSWR, max	2:1
Pulse Width	50 ns to CW
Data Format	TTL
Trigger Format	TTL, 20 MHz Pipeline
Erroneous Data Detection (optional)	85% Probability of Detection of Frequency Error
Power	+5V @ 800 mA +12 / +15V @ 800 mA -5 / -15V @ 150 mA
Size	6.5" L x 5.5" W x 1.2" H
Weight	2.75 pounds maximum
RF Connector	GPO Male
Data Connector	Brush Contact, Low Insertion Force, Male
Temperature Range	-40°C to +85°C