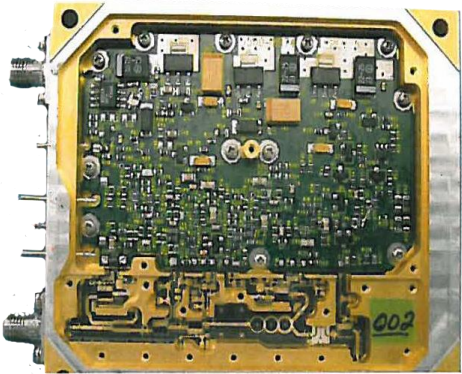


BROADBAND DLVA MODEL STDLVA-90001

TECHNICAL FEATURE

FEATURES

- Highest CW Immunity Available --20 dBm max
- Wideband performance
- Large dynamic range

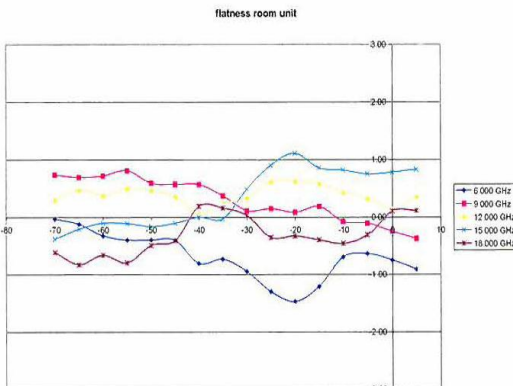
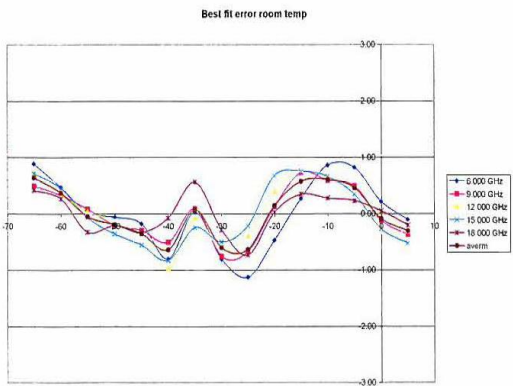


PERFORMANCE

Operating Frequency	2-18 GHz
Tangential Signal Sensitivity (TSS)	-67 dBm max
Frequency Flatness	+/-2 dB max
Operating Dynamic Range	-67 to +5 dBm
Linearity	+/-1.5 dB max (Best fit straight line at each temperature and frequency)
Slope.....	75 mV/dB nominal (adjustable)
Rise Time	35 ns typical
Fall Time	400 ns typical
Power Supply	+15 VDC @ 200 mA typ,-15 VDC @ 15 mA typ (no RF output)
RF Connector	SMA Female
DC Connector	Pins
Operating Temperature Range.....	0 to +70°C
Package Size	4.60" x 2.90" x 1.125"

DESCRIPTION

The STDLVA-90001 broadband DLVA represents the latest design techniques and high performance configuration. The design is a dual detector amplified design with a unique video amplification and summing technique. The amplifier is fully temperature compensated for superior performance. The device is housed in a fully hermetically sealed enclosure for high reliability.



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