

# AIRT13AC-800/12G

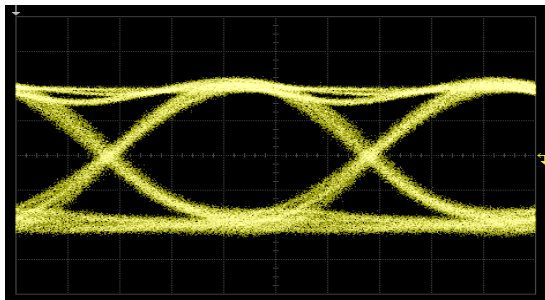
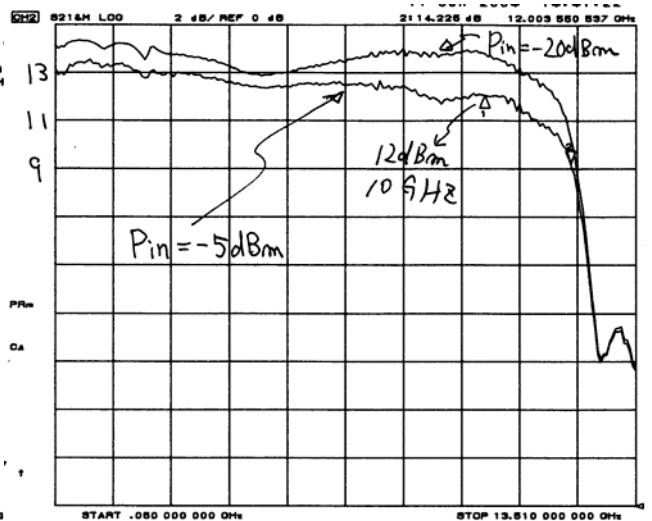
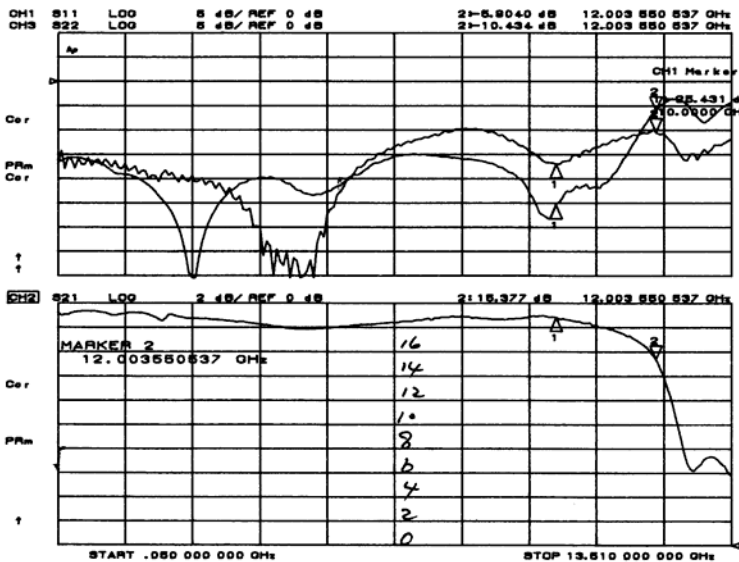
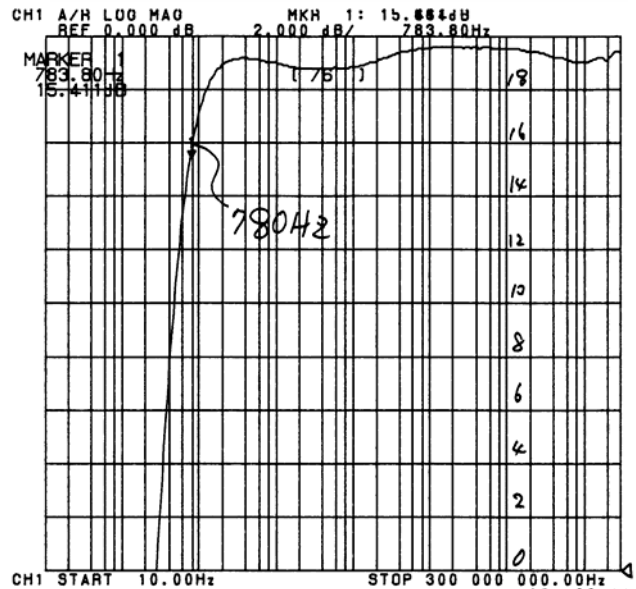
## Medium power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 12GHz
- Medium power (+13dBm) drive
- Low end frequency ; 800Hz
- Compact size
- Low power consumption



### Electrical specification

Bandwidth	800Hz to 12GHz
Gain	19+/-1dB
Gain ripple relative to gain slope	+/-0.5dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	13dBm
Input return loss	<-13dB
Output return loss	<-6dB
Rise time	30ps
Noise figure	<10dB
Supply voltage	+10V/100mA
Dimensions	47mm X 30mm X 7mm



9.9328Gbps

20ps/div

500mV/div