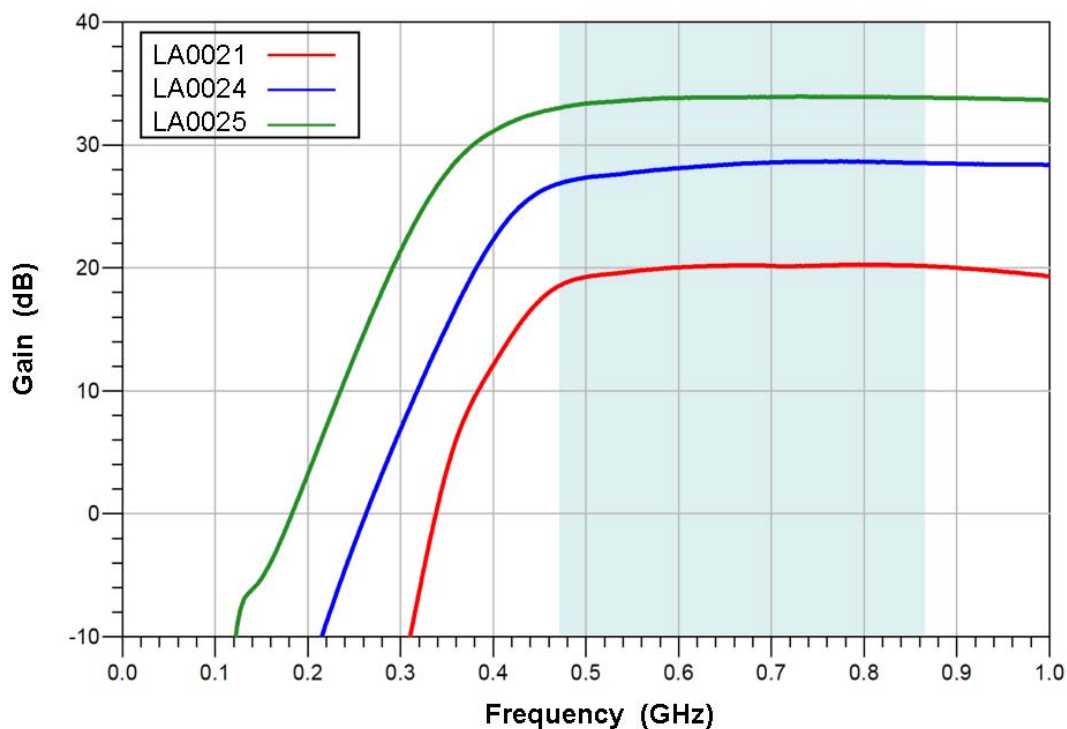
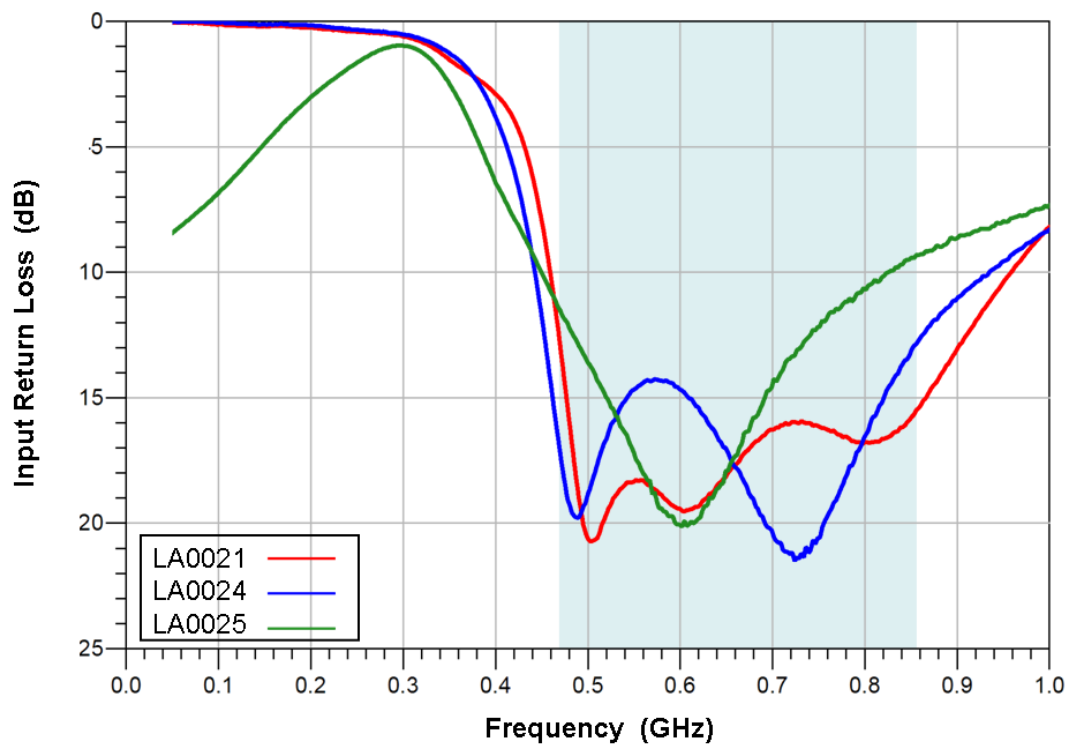


MODEL NO.	LA0021	LA0024	LA0025
Frequency (MHz)	470 – 862	470 – 862	470 - 862
Gain (dB)	18 typ.	27 typ.	33 typ.
Input Return Loss (dB)	12 typ.	12 typ.	9 typ.
Output Return Loss (dB)	10 typ.	10 typ.	15 typ.
DC Volts (V)	12.0	12.0	12.0
DC Operating Current (mA)	40 typ.	65 typ.	61 typ.
Noise Figure (dB)	6.0 max.	6.5 max.	8.0 max.
Operating temperature (°C)	-20 - +45		
RF connector type	F female / Female		
Impedance (Ohm)	75		

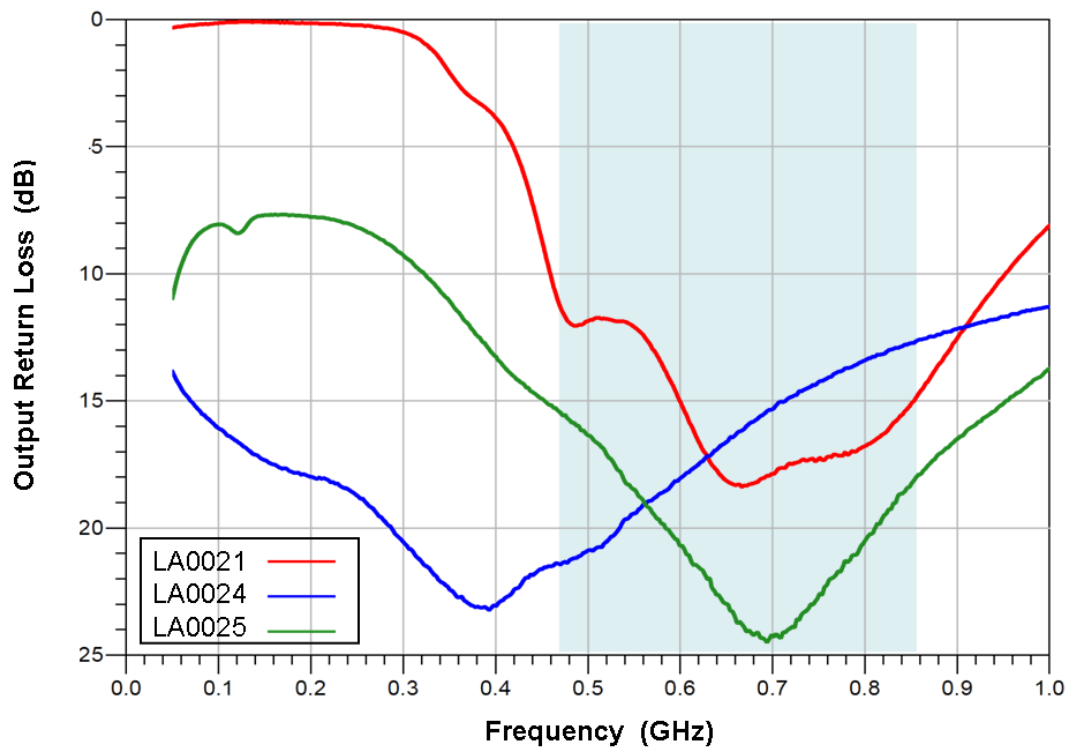
## Gain



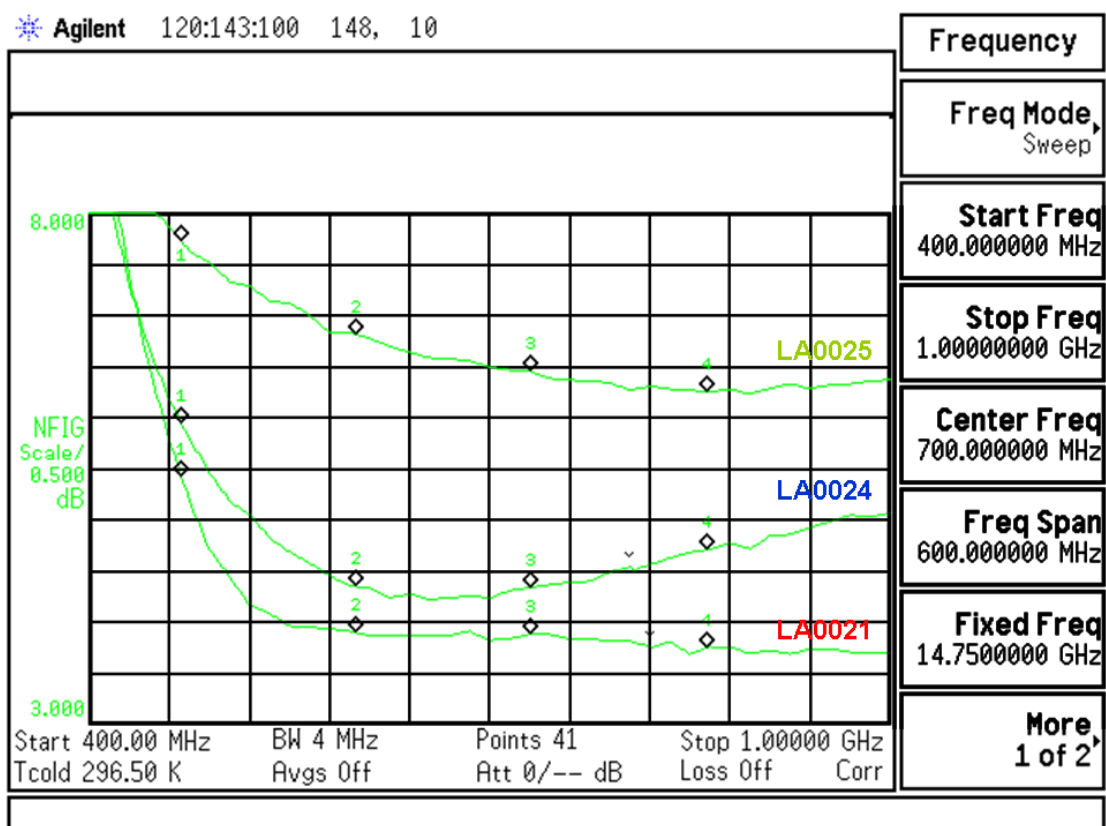
### Input Return Loss



### Output Return Loss



## Noise Figure



	470 MHz (Mrk1)	600 MHz (Mrk2)	730 MHz (Mrk3)	862 MHz (Mrk4)
LA0021	5.421 dB	3.895 dB	3.875 dB	3.742 dB
LA0024	5.943 dB	4.350 dB	4.338 dB	4.705 dB
LA0025	7.727dB	6.819 dB	6.454 dB	6.255 dB

## 1 dB Compression

	470 MHz	600 MHz	730 MHz	862 MHz
LA0021	115.0 dBuV	116.4 dBuV	116.5 dBuV	118.8 dBuV
LA0024	121.5 dBuV	121.8 dBuV	120.5 dBuV	120.1 dBuV
LA0025	122.9 dBuV	122.9 dBuV	121.3 dBuV	120.7 dBuV