

DOUBLE-BALANCED MIXER

SURFACE MOUNT MODEL: SGM-3-13

WIDE BANDWIDTH

1350 - 7000 MHz

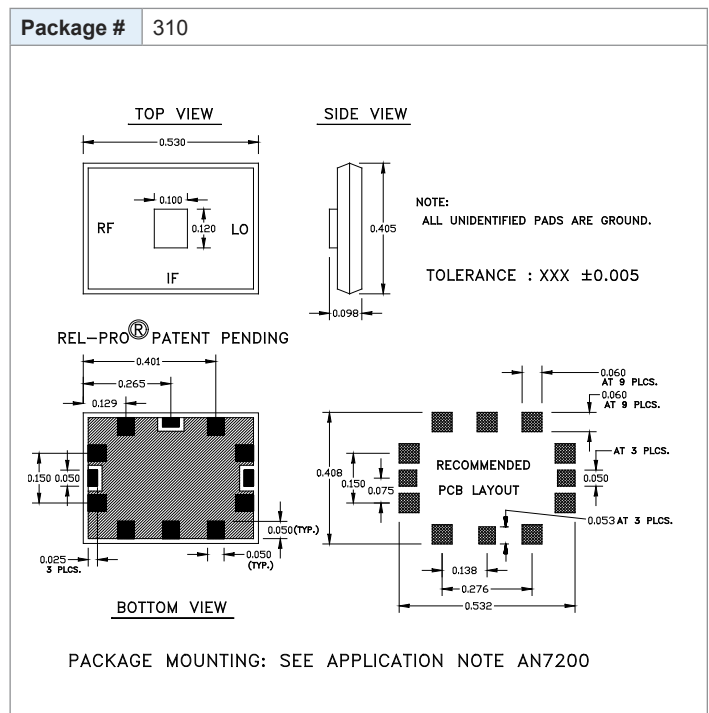
FEATURES:

- ▶ High Reliability
- ▶ Low Construction Cost
- ▶ Small Size, Surface Mount
- ▶ Lead Free REL-PRO® Technology



SPECIFICATIONS (Rev C 05/24/07)

Frequency (MHz)	RF/LO	IF	
	1350 - 7000	DC - 2000	
Conversion Loss (dB)	Typ.	Max.	
	7.0	9.5	
Isolation (dB)		Typ.	Min.
	LO/RF	25	10
	LO/IF	20	8
	RF/IF	20	10
LO Power	+13 dBm (Nom.)		
1 dB Comp. Pt.	+7 dBm (Typ.)		
Input IP ³	+20 dBm (Typ.)		
RF Input Power	150 mW (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		



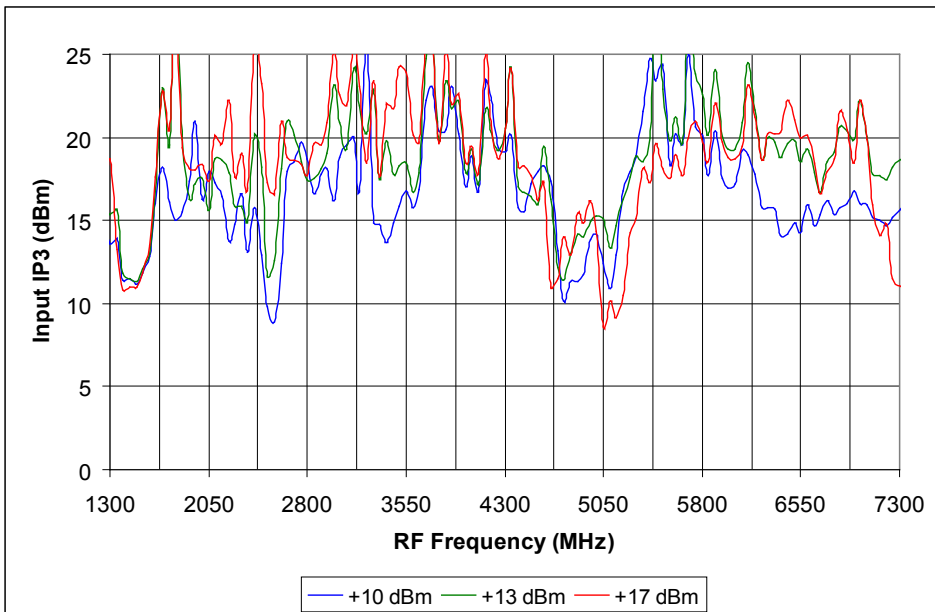
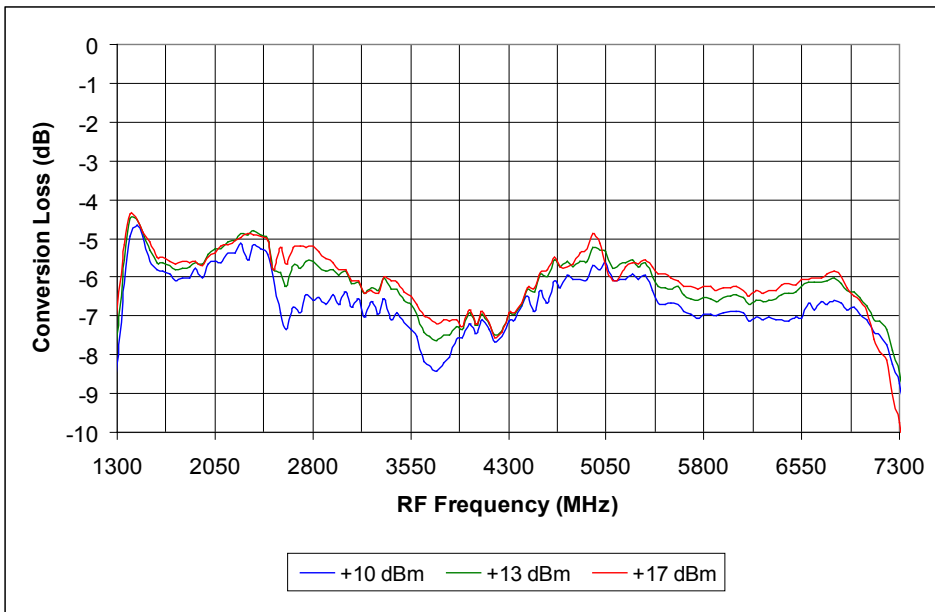
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PERFORMANCE PLOTS



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201 McLean Boulevard • Paterson, New Jersey 07504 • Tel: (973) 881-8800 • Fax: (973) 881-8361

E-Mail: sales@synergymwave.com • World Wide Web: <http://www.synergymwave.com>



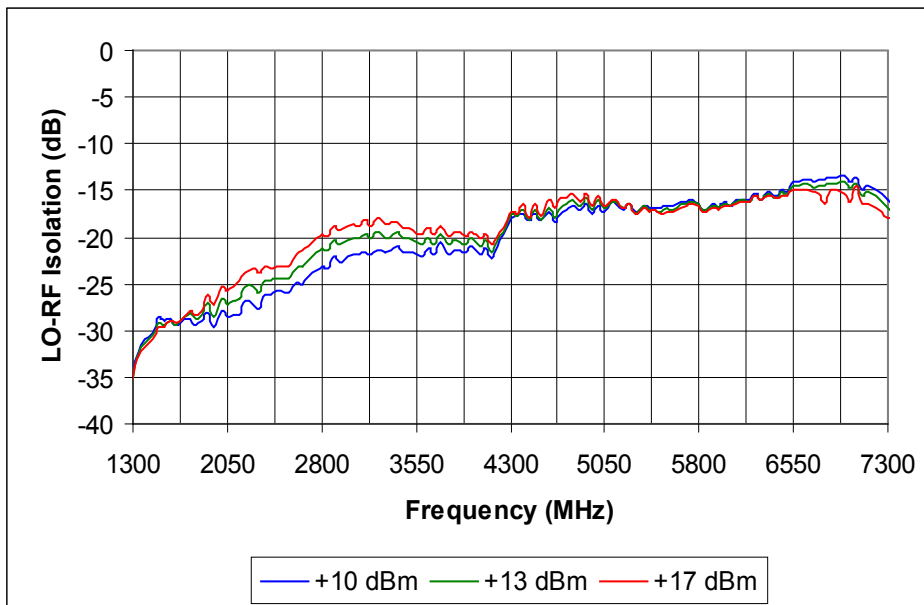
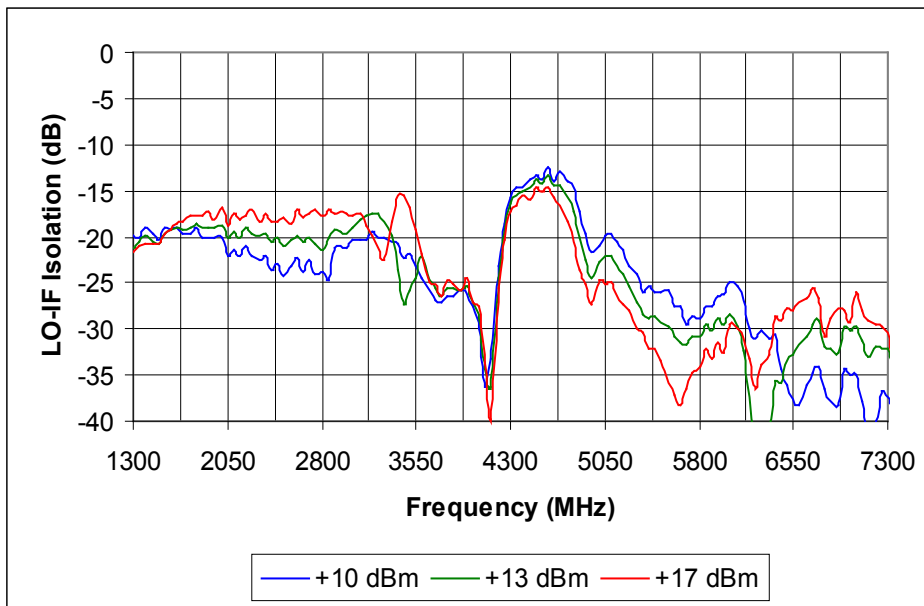
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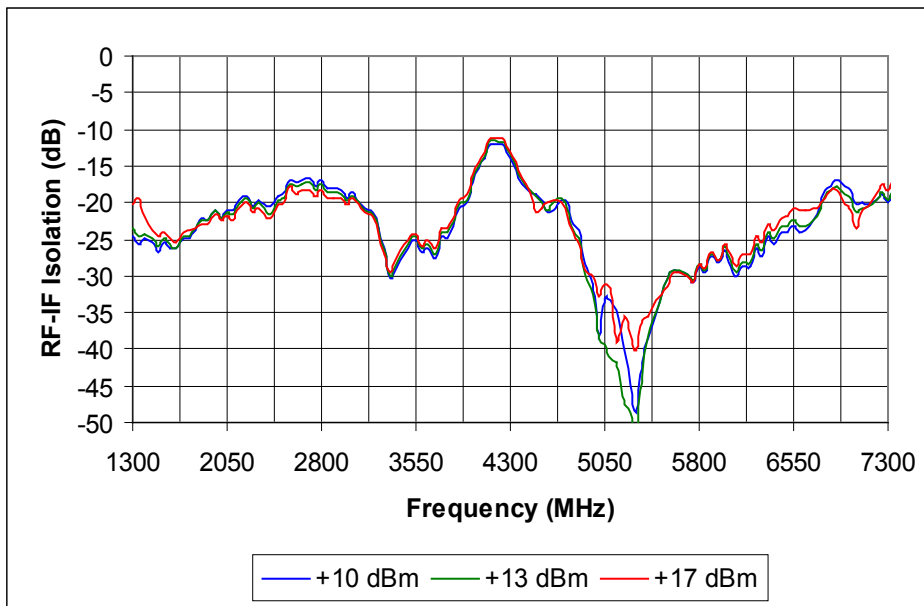


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