

DOUBLE-BALANCED MIXER

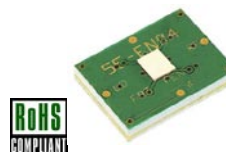
SURFACE MOUNT MODEL: SGM-3-13

WIDE BANDWIDTH

1350 - 7000 MHz

FEATURES:

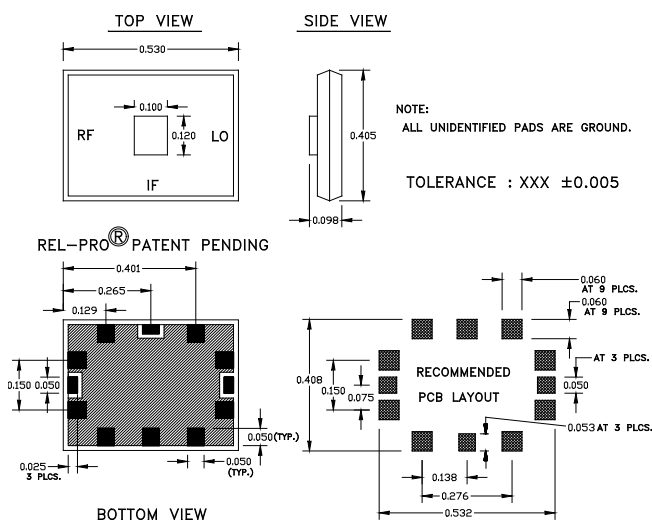
- ▶ High Reliability
- ▶ Low Construction Cost
- ▶ Small Size, Surface Mount
- ▶ Lead Free REL-PRO® Technology



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		

Package # 310



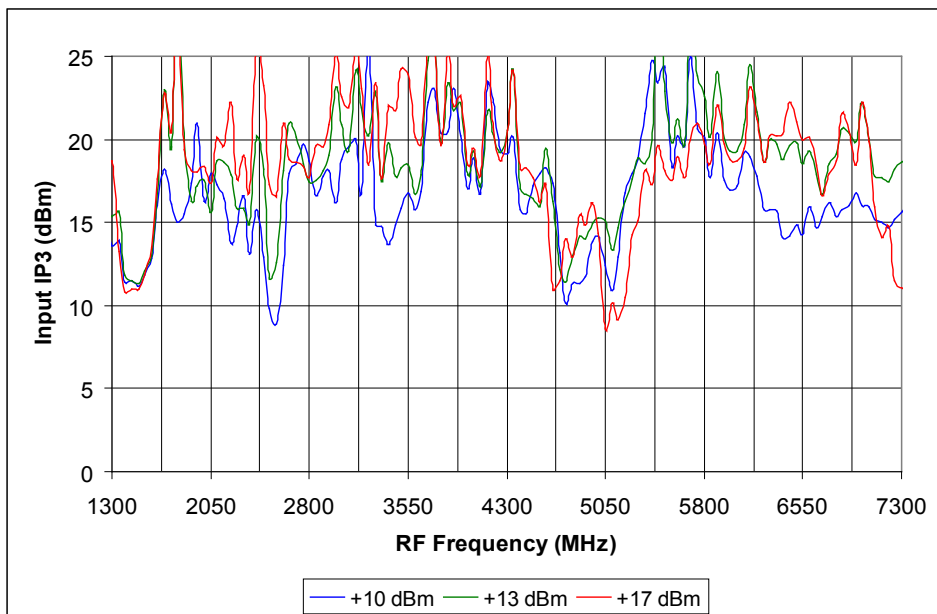
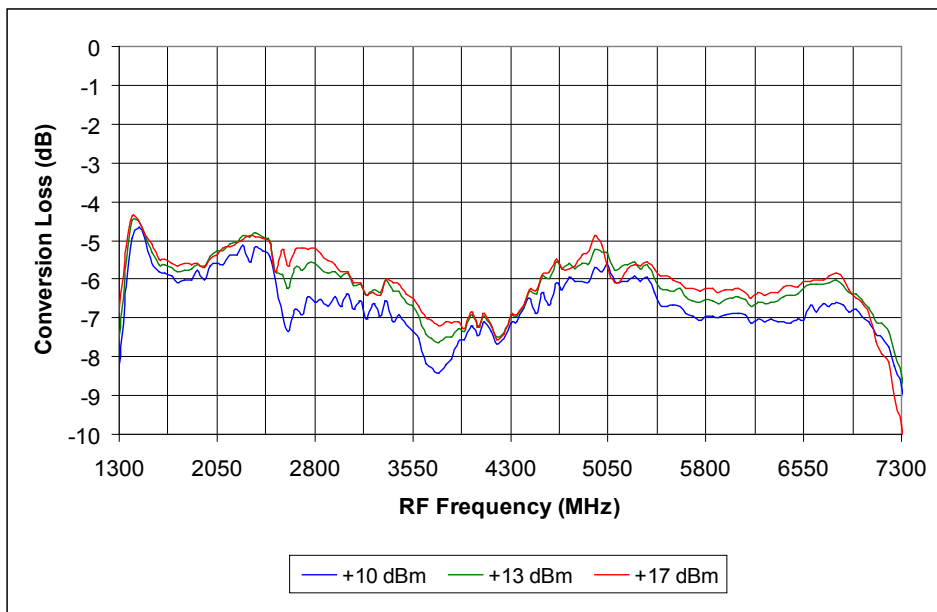
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PERFORMANCE PLOTS



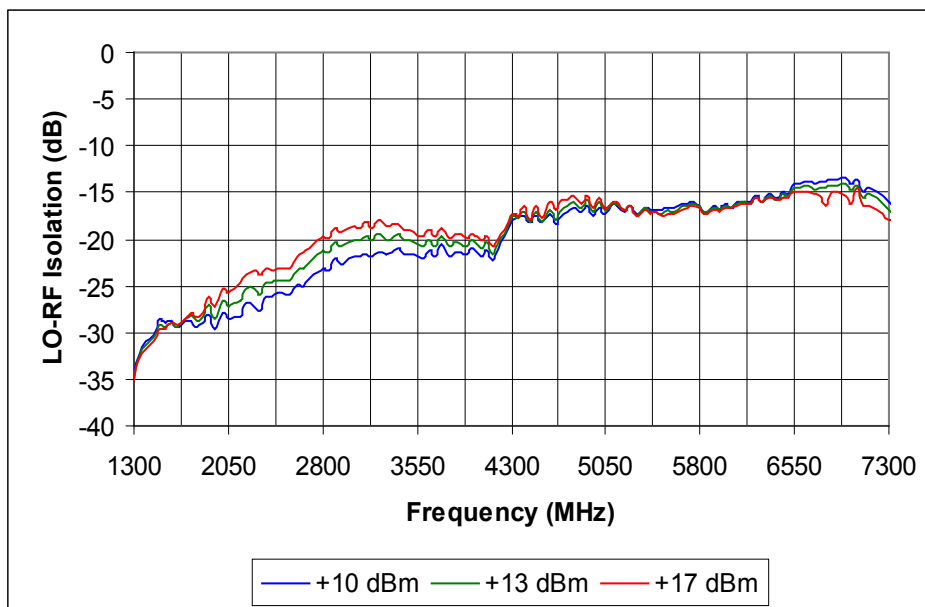
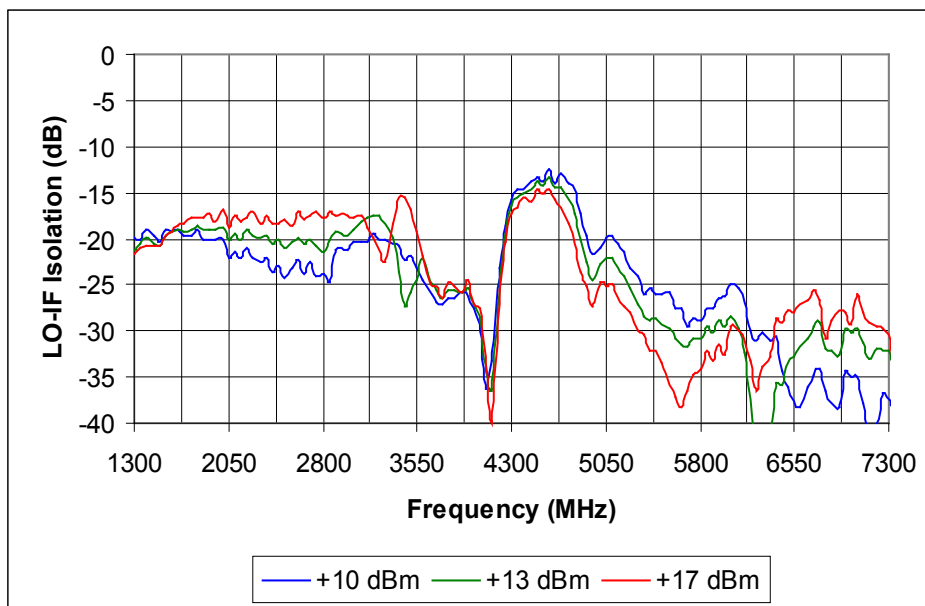
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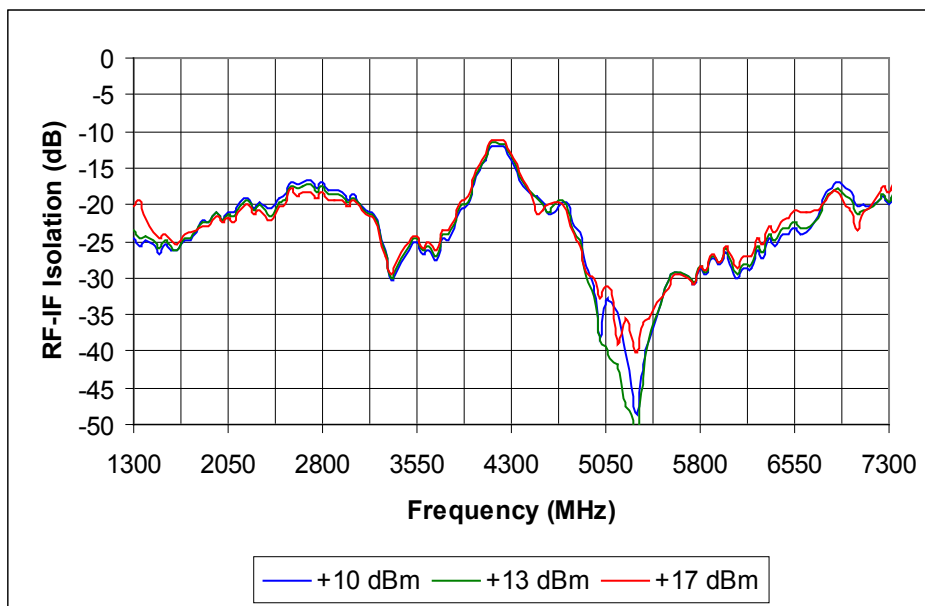


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