

DOUBLE-BALANCED MIXER

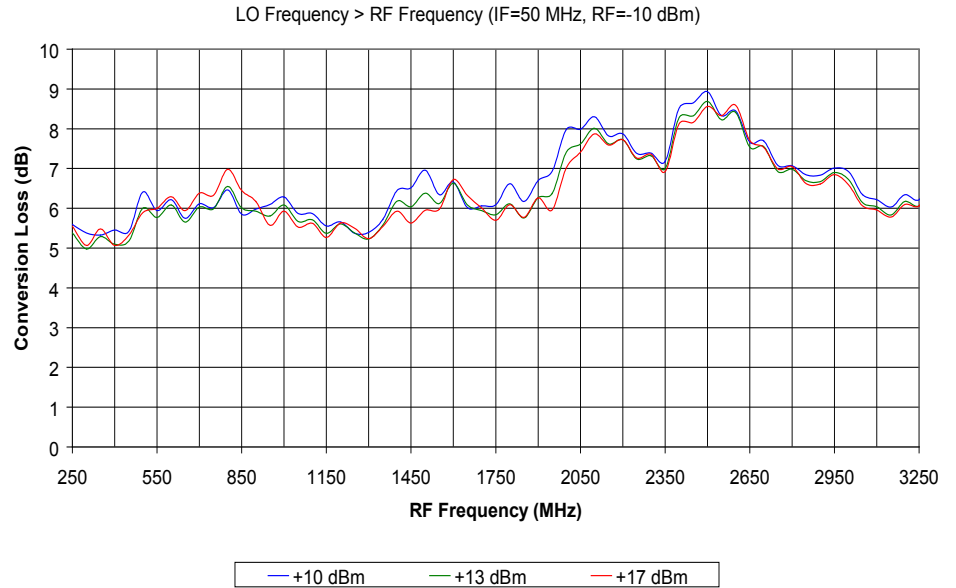
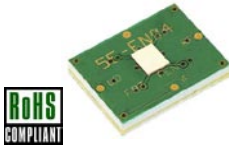
SURFACE MOUNT MODEL: SGM-2-13

WIDE BANDWIDTH - GALAXY SERIES

250 - 3250 MHz

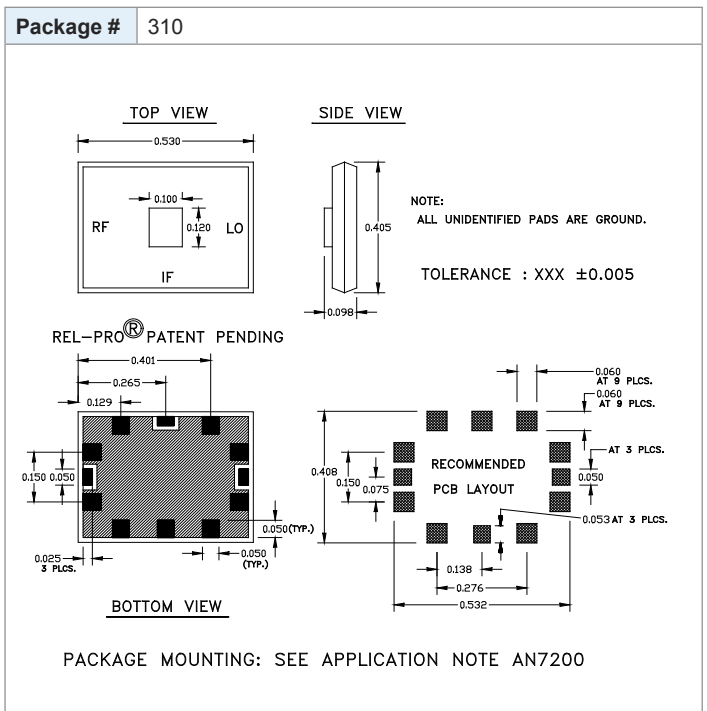
FEATURES:

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



SPECIFICATIONS (Rev. C 05/24/07)

Frequency (MHz)	RF/LO	IF	
	250 - 3250	DC - 700	
Conversion Loss (dB)	Typ.	Max.	
	6.5	9.0	
Isolation (dB)		Typ.	Min.
	LO/RF	25	20
	LO/IF	12	5
	RF/IF	25	15
LO Power	+13 dBm (Nom.)		
1 dB Compression Point	+6 dBm (Typ.)		
Input IP ³	+14 dBm (Typ.)		
RF Input Power	100 mW (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		



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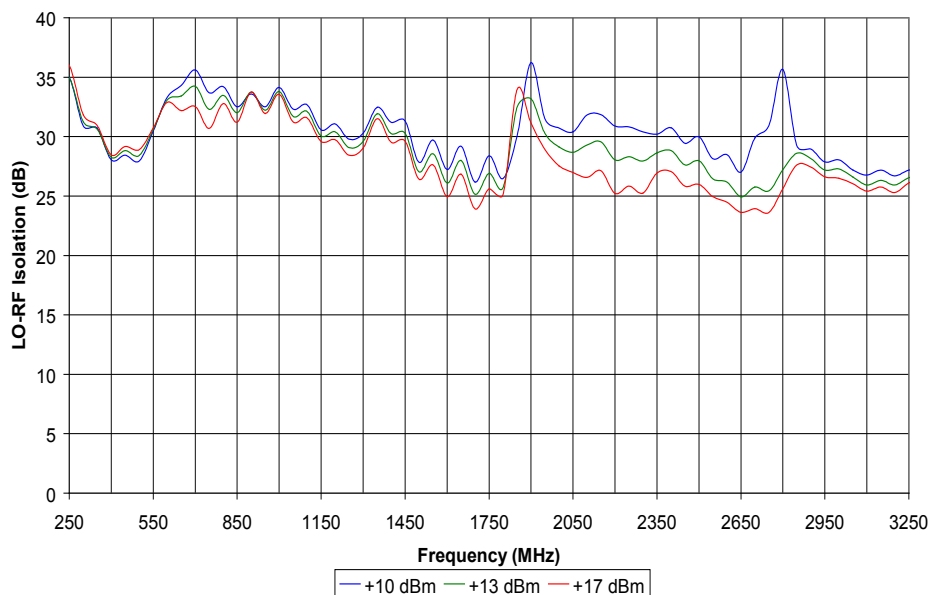
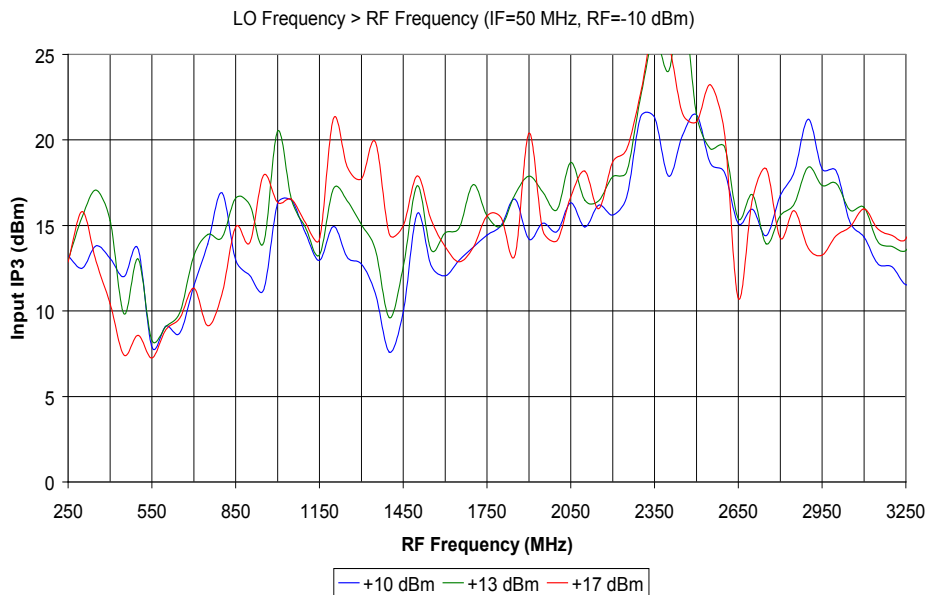
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PERFORMANCE PLOTS



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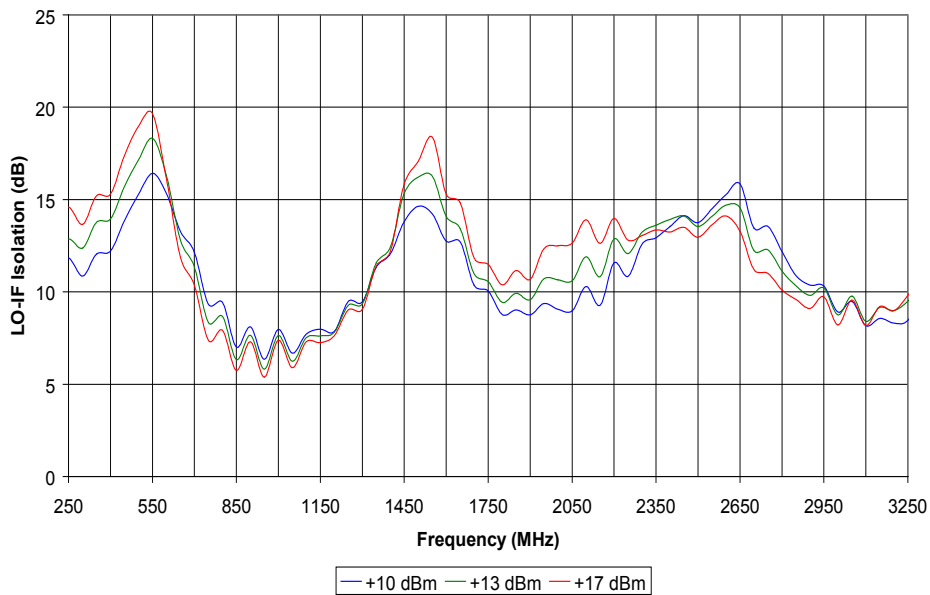
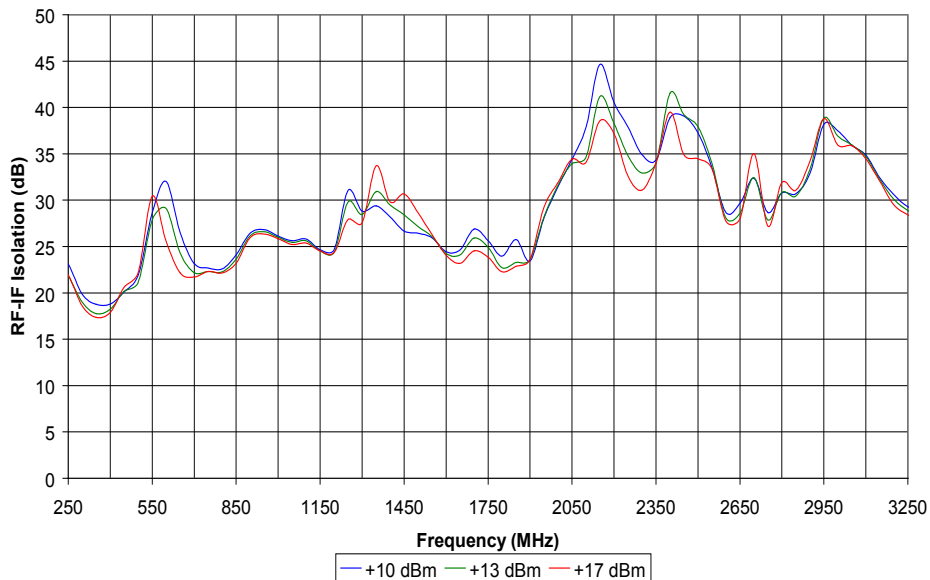
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