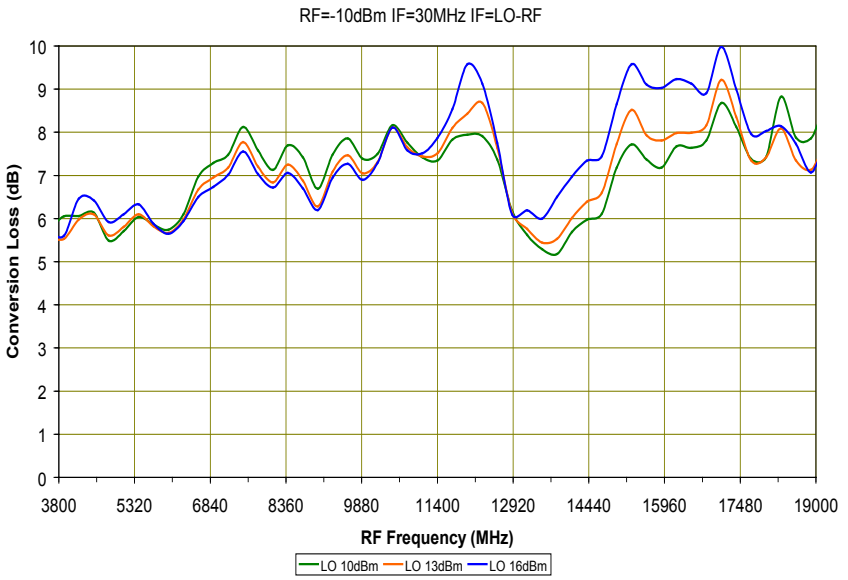
DOUBLE-BALANCED MICROWAVE MIXER
SURFACE MOUNT MODEL: SGS-5-13

WIDE BANDWIDTH - GALAXY SERIES 3 - 19 GHz

FEATURES:

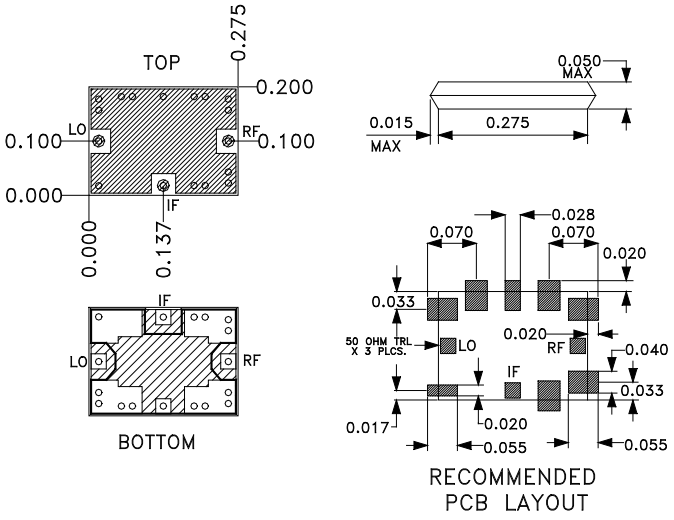
- **Multi-Octave Bandwidth**
- **Schottky Diode Mixers**
- **Low Conversion Loss**
- **RoHS Compliant**
- ***SYNSTRIP*® Multi-Layer Technology**



SPECIFICATIONS (Rev. C 12/13/06)

Frequency (GHz)	RF/LO: 3 - 19; IF: DC - 4
Conversion Loss (dB)	Typ.: 7.5; Max.: 11
Isolation (dB)	LO/RF: Typ. 25, Min. 15; LO/IF: Typ. 12, Min. 5; RF/IF: Typ. 20, Min. 7
LO Power	+13 dBm (Nom.)
1 dB Compression Point	0 dBm (Typ.)
Input IP³	+12.5 dBm (Typ.)
RF Input Power	100 mW (Max.)
Impedance	50 Ohms (Nom.)
Operating Temperature Range	-40 to +85 °C

Package # 332



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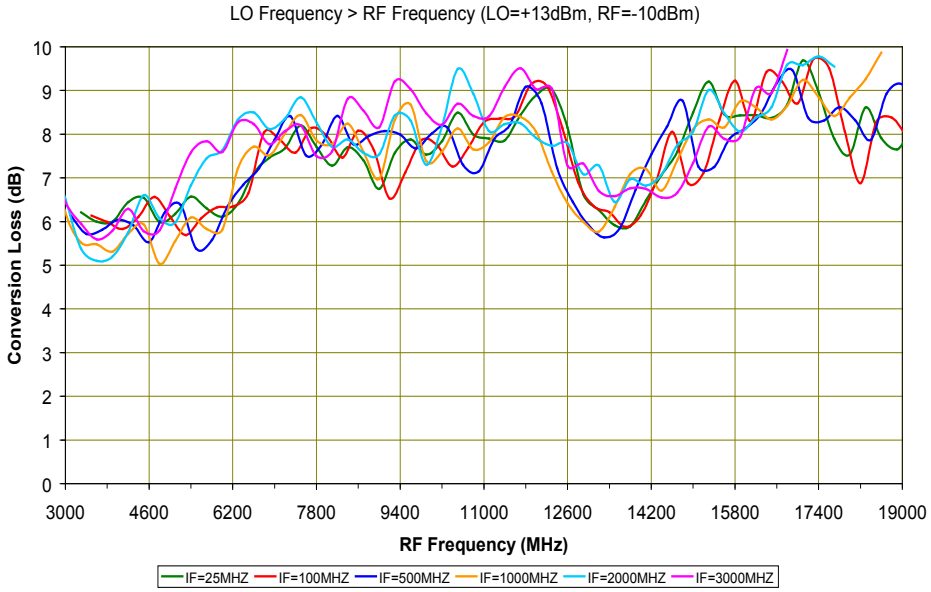

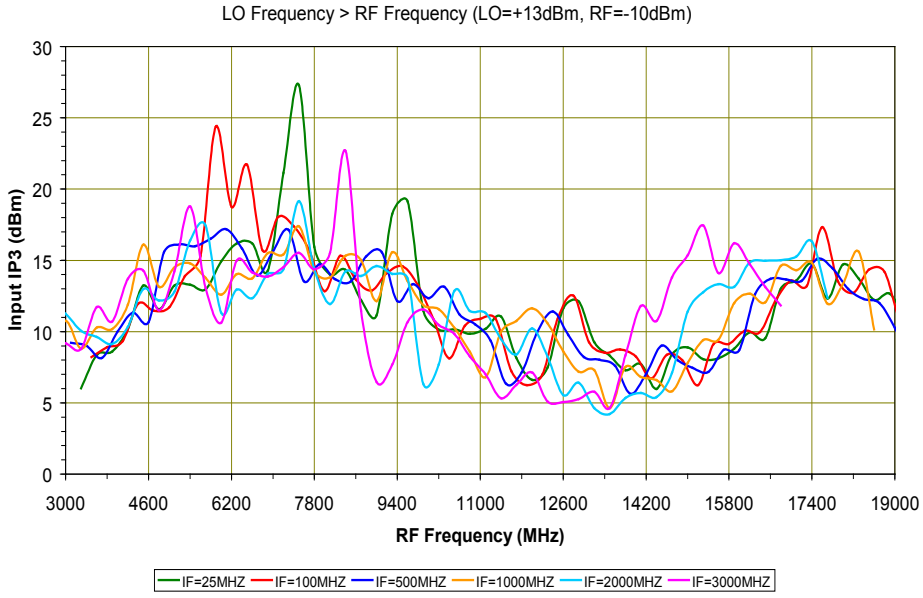

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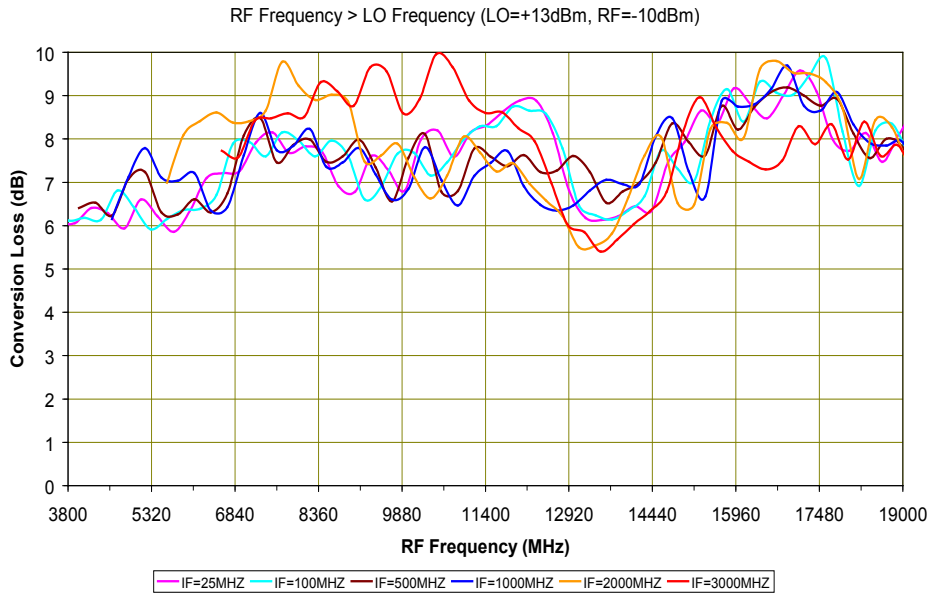

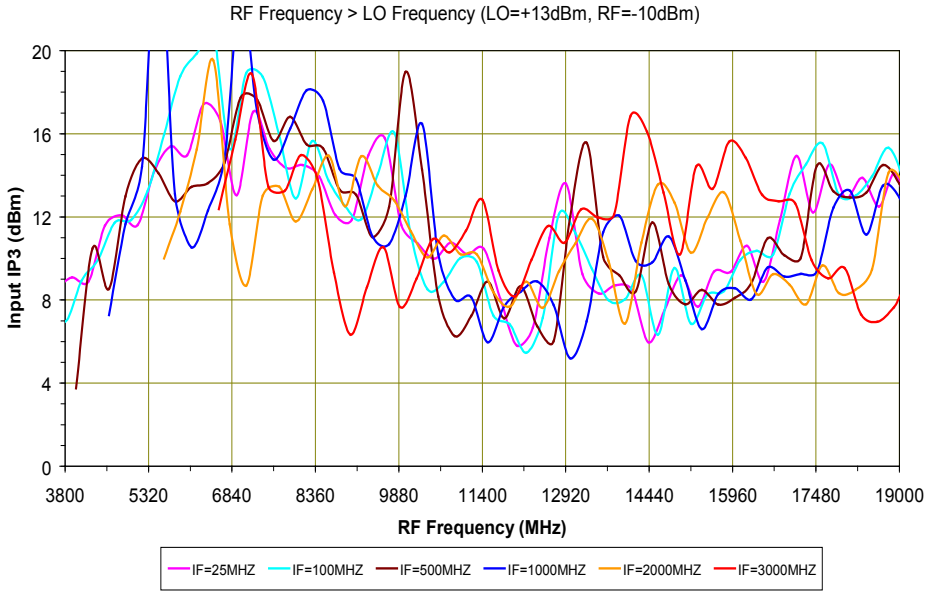

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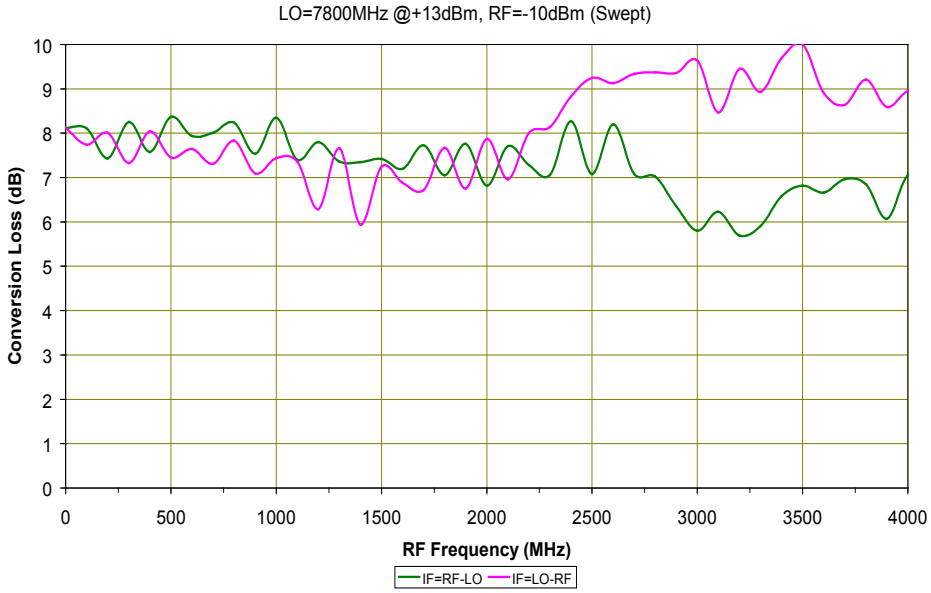

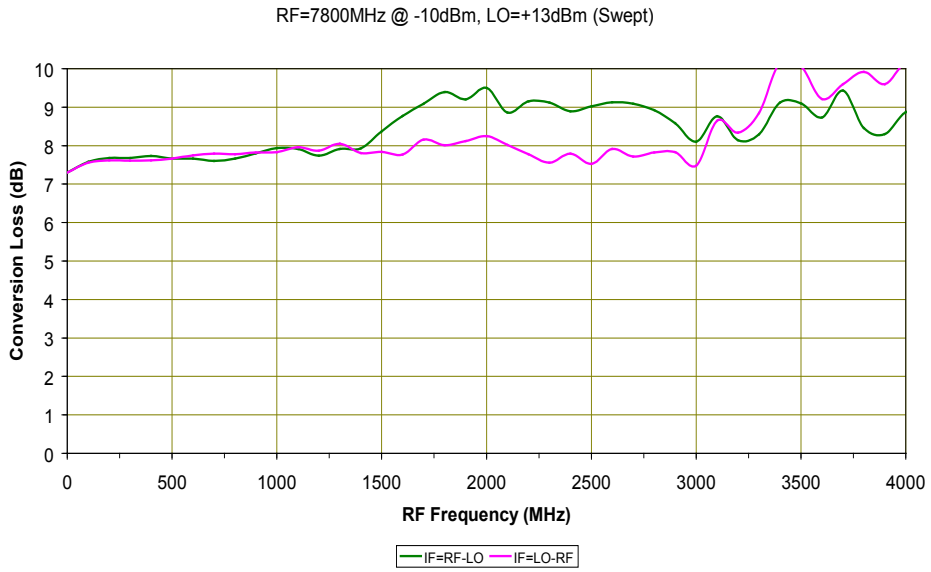

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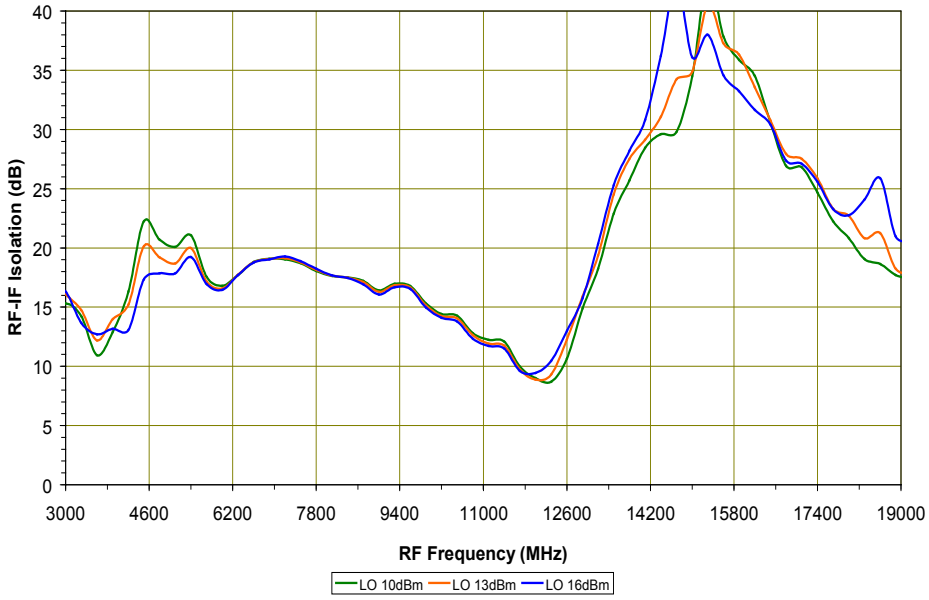

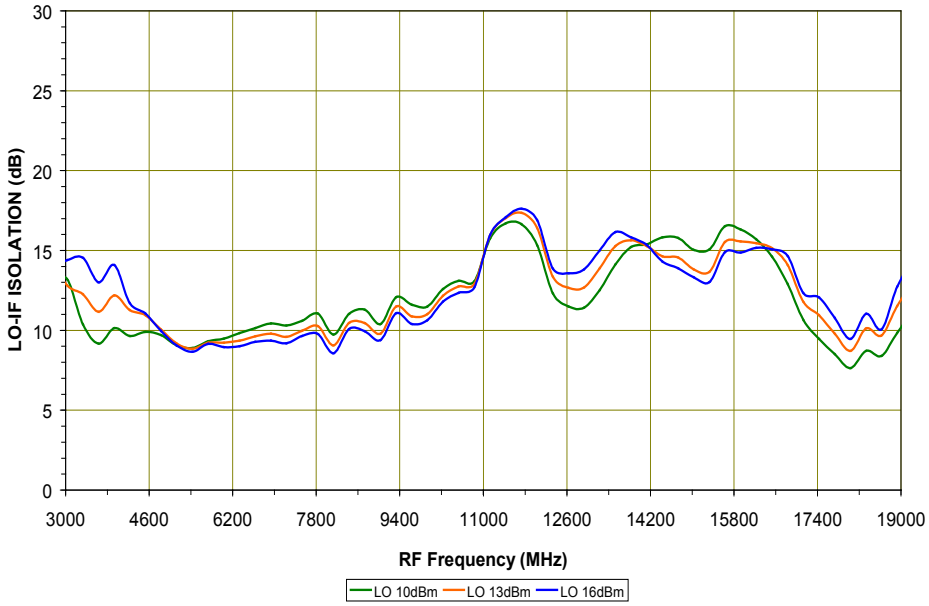

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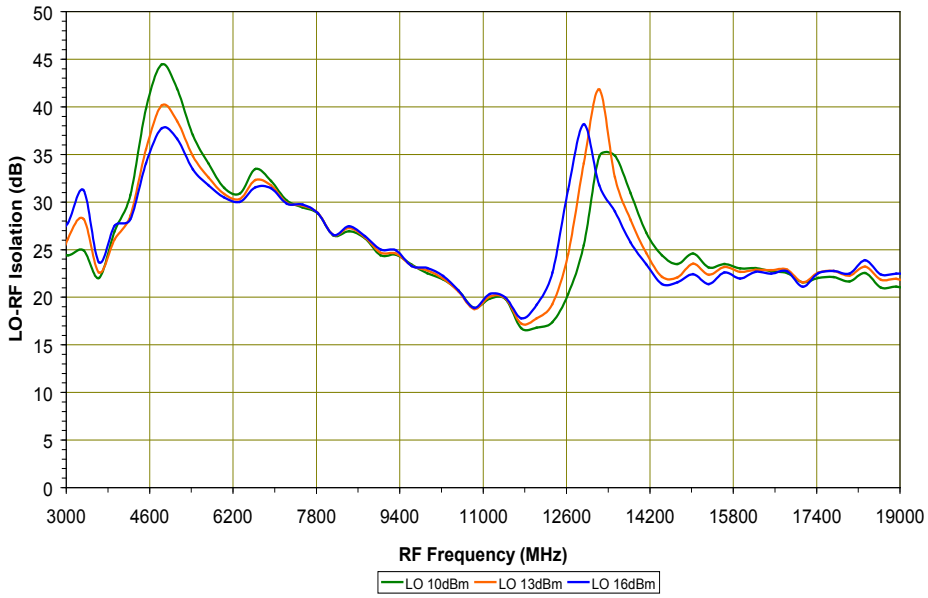

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