

FREQUENCY DOUBLER

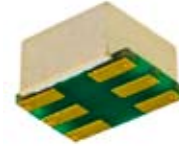
SURFACE MOUNT MODEL: SLX-K5

WIDE BANDWIDTH

50 - 750 MHz

FEATURES:

- ▶ Low Conversion Loss
- ▶ Good Harmonic & Sub-Harmonic Rejection
- ▶ Small Size, Surface Mount



SPECIFICATIONS (Rev. B 10/30/09)

Frequency (MHz)	Input	50 - 750	
	Output	100 - 1500	
Input Power (dBm)	Min.	Max.	
	+6	+15	
Conversion Loss (dB)	Typ.	Max.	
	10.5	13.5	
Harmonic Suppression (dB) *		Typ.	Min.
	F1	25	15
	F3	35	20
Output Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		

* Relative to output frequency

Package #	159LF	
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TOP VIEW

SIDE VIEW

BOTTOM VIEW

LAYOUT FOR PRINTED CIRCUIT DESIGN.

XXX DIMS. ±0.015

Port Configuration		
Input	Output	Gnd. *
1	4	2,3,5,6

* Ground Externally

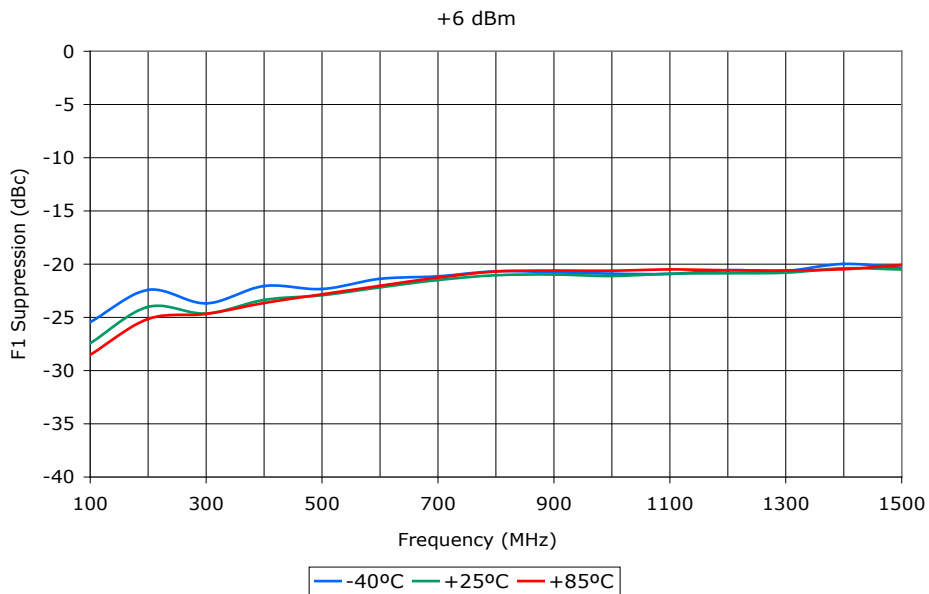
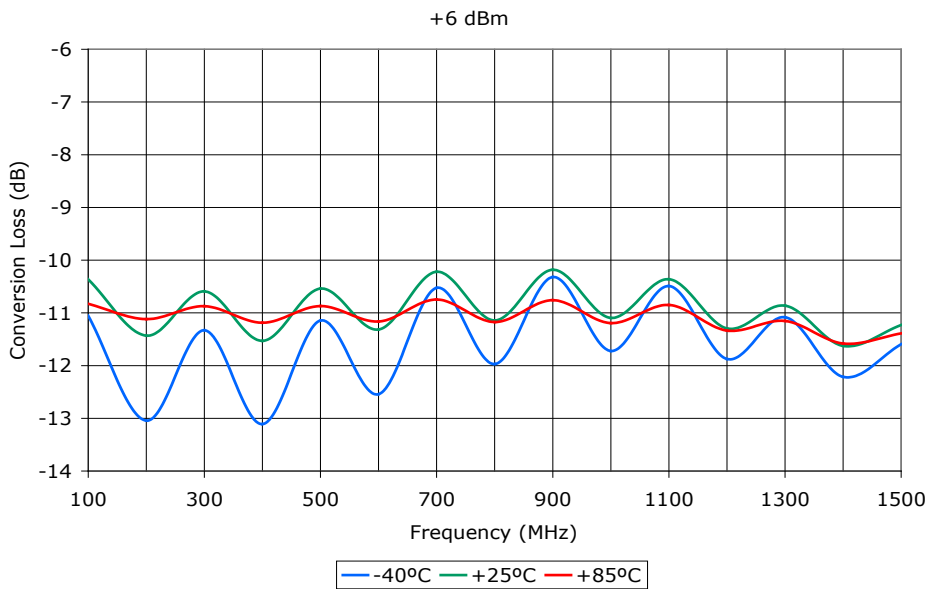
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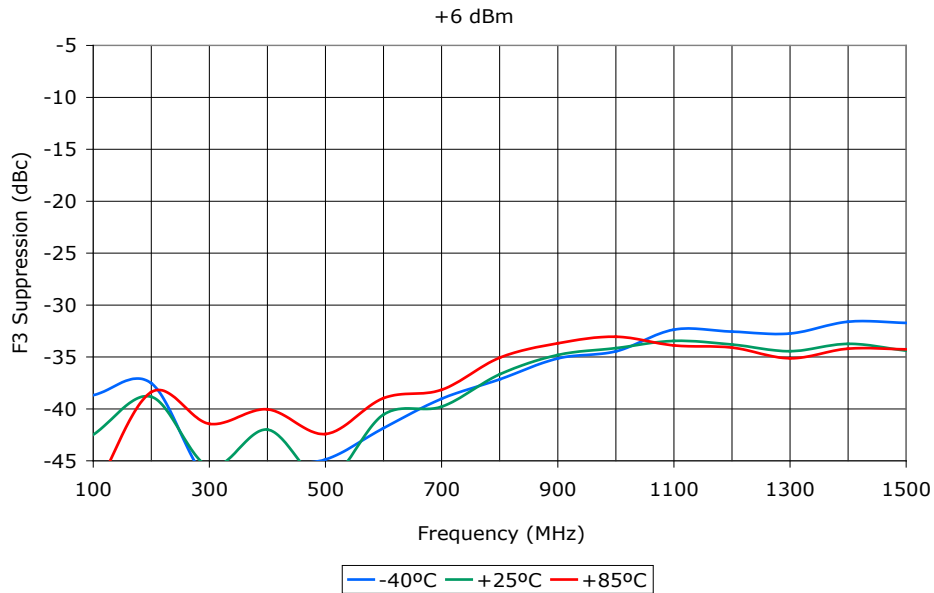


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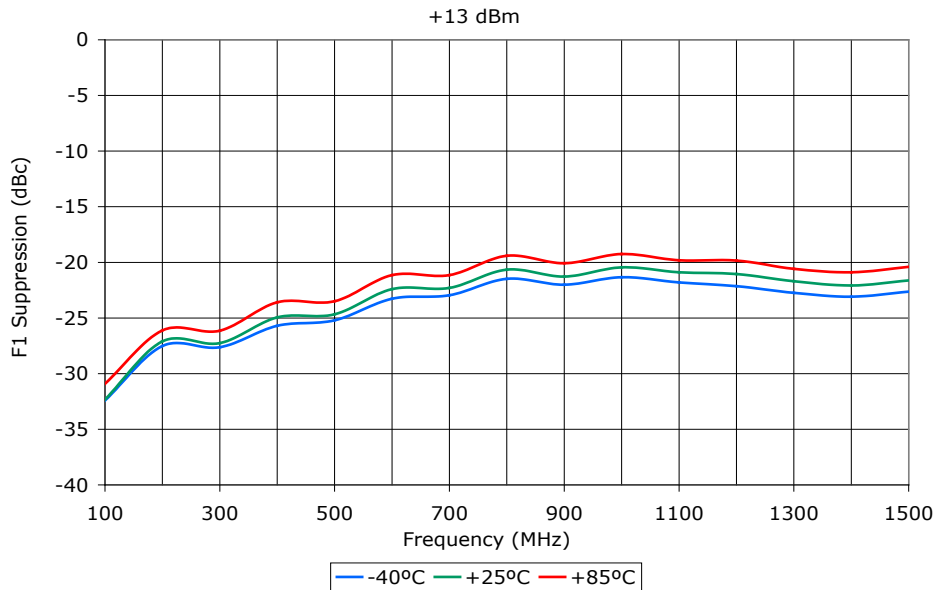
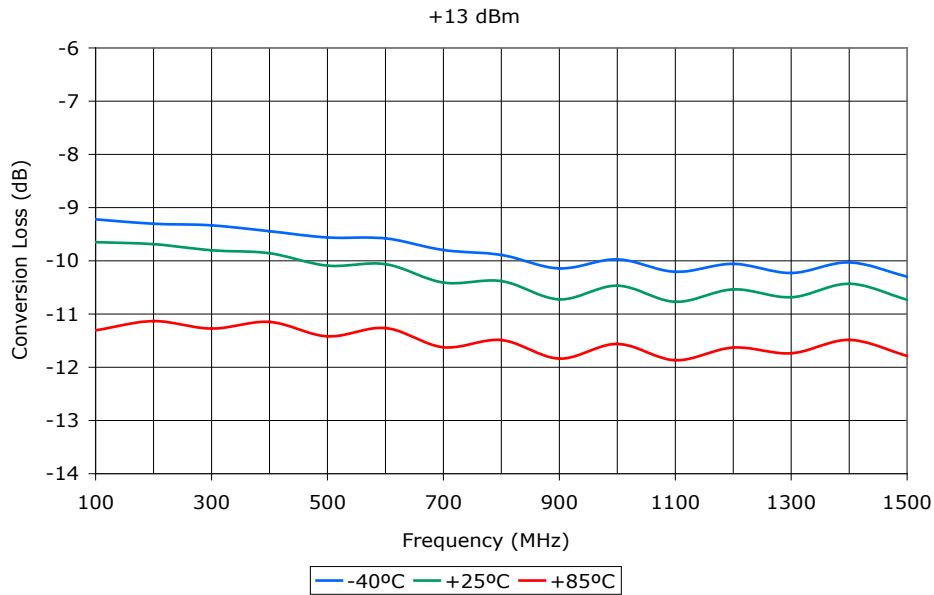
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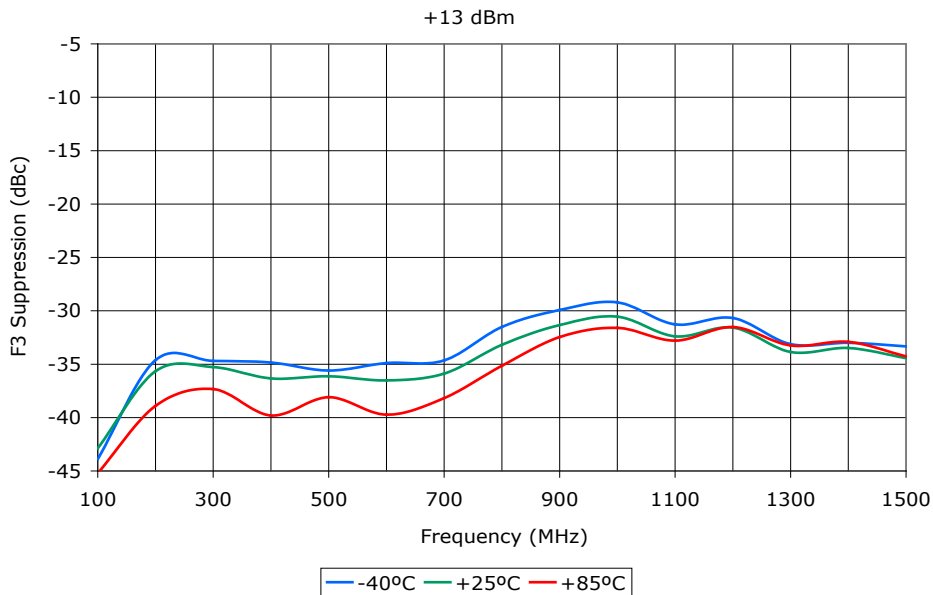


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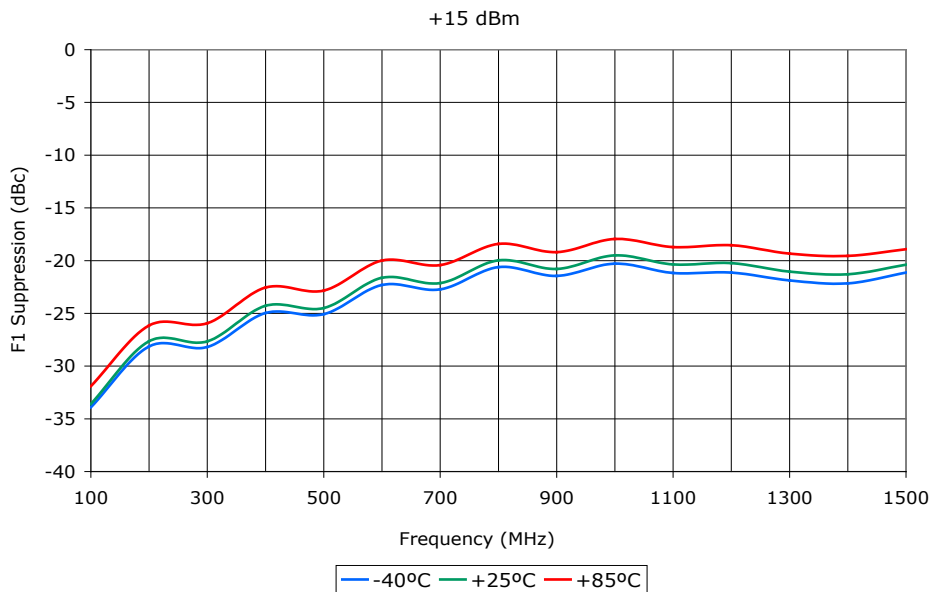
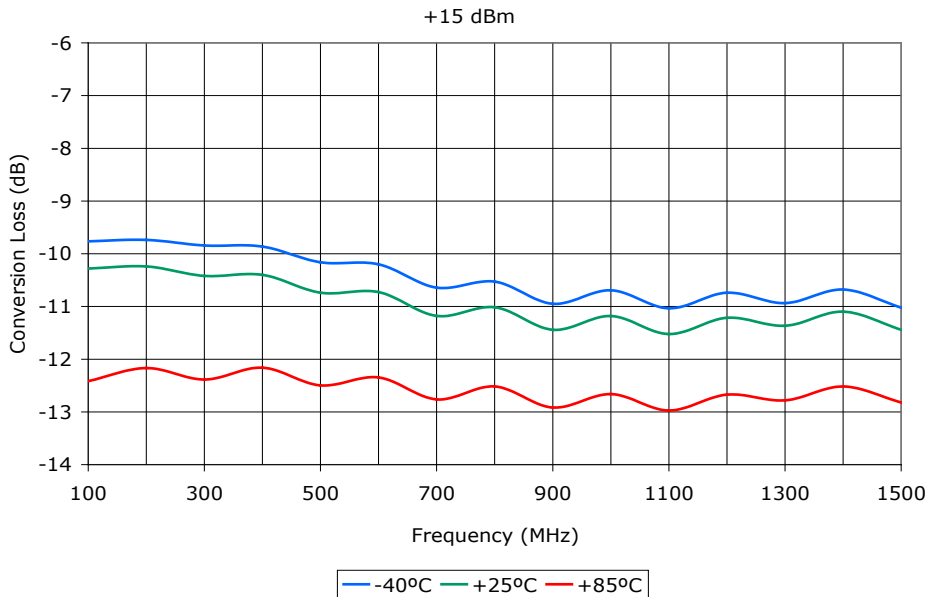
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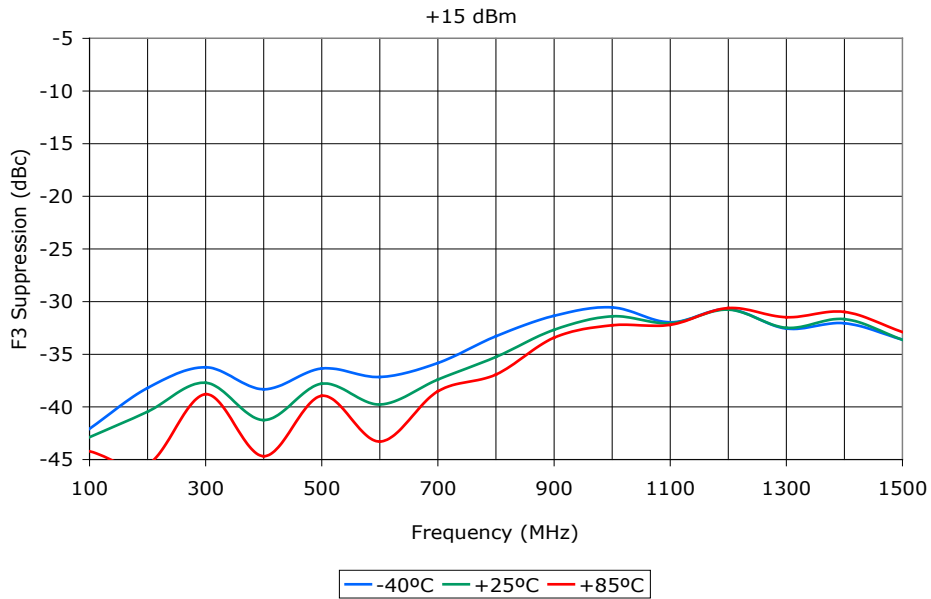


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