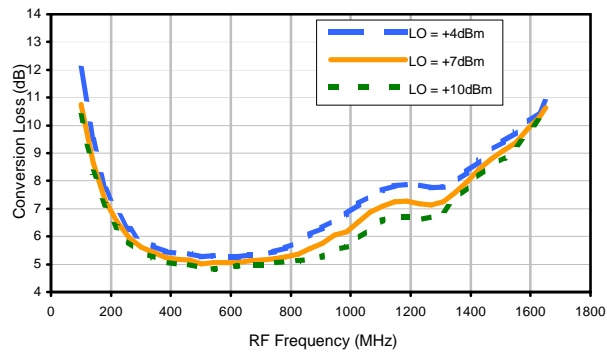
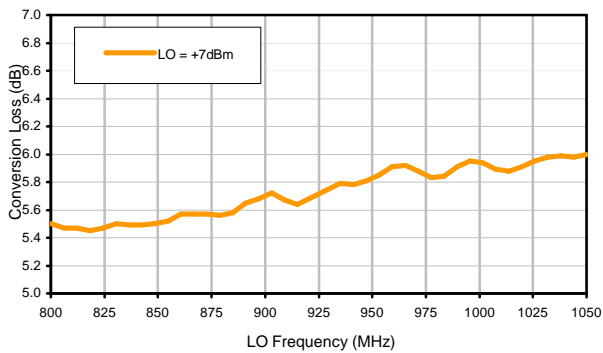


## Typical Performance Curves

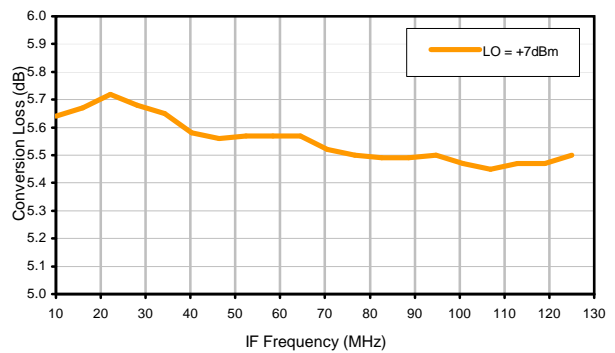
Conversion Loss @ IF=30MHz



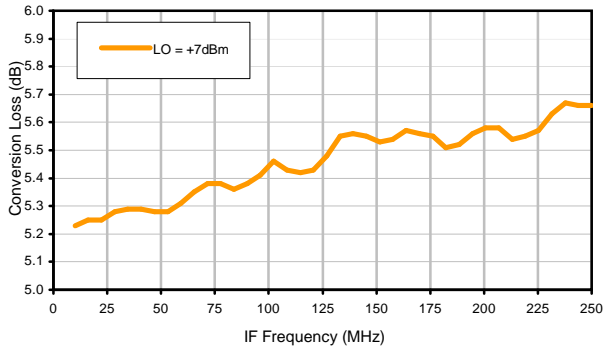
Conversion Loss vs. LO @ RF=925.1MHz



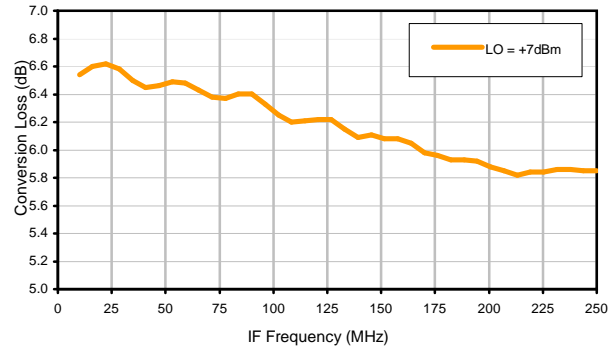
Conversion Loss vs. IF @ RF=925.1MHz



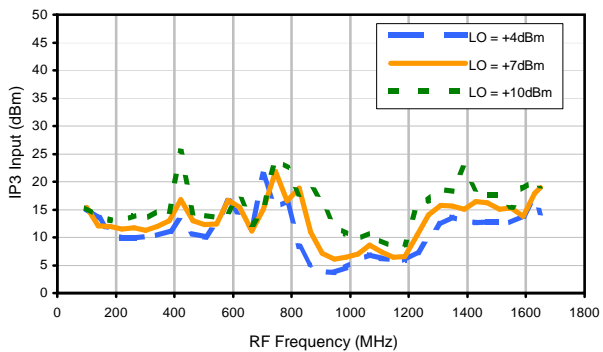
Conversion Loss vs. IF @ RF=800.1MHz



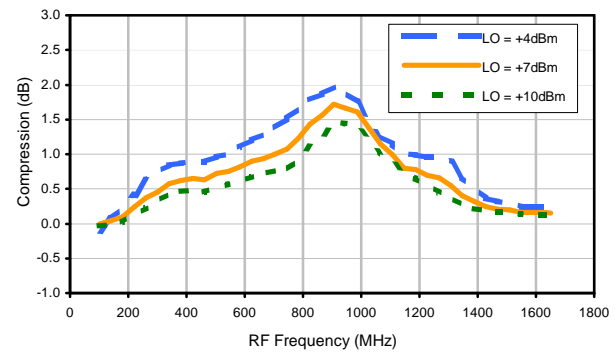
Conversion Loss vs. IF @ RF=1050.1MHz



IP3 Input

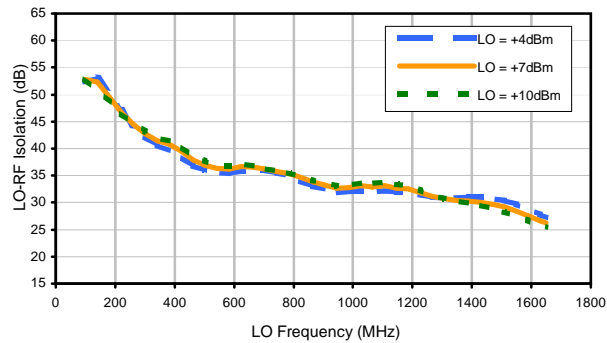


Compression @ RF IN=+1dBm

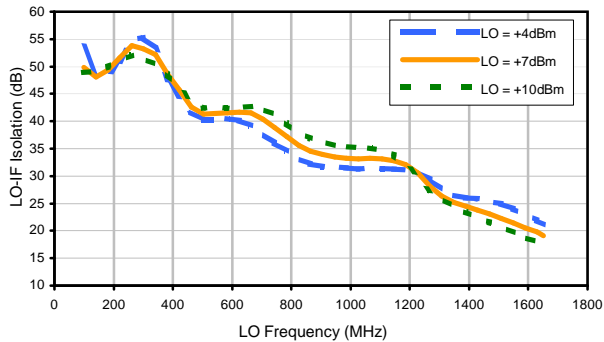


## Typical Performance Curves

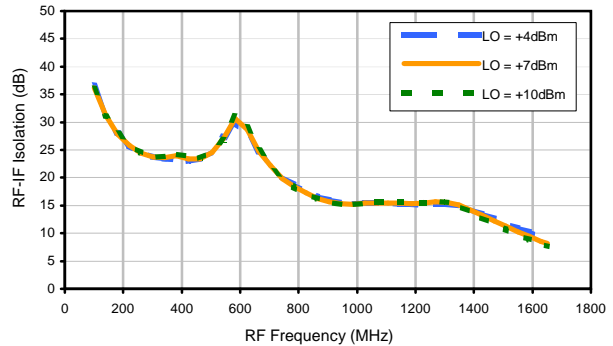
LO-RF Isolation



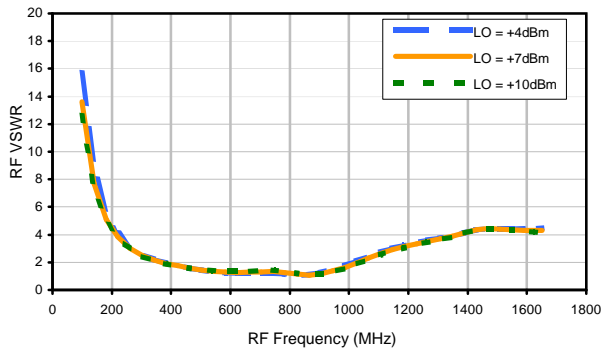
LO-IF Isolation



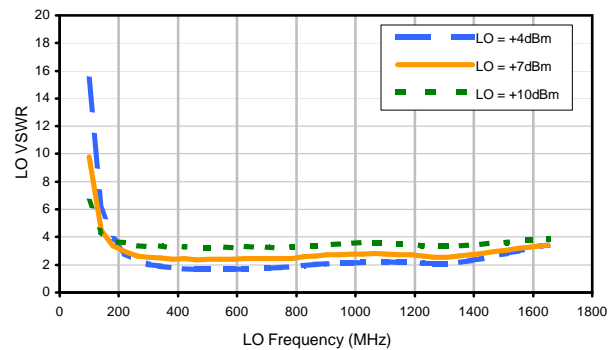
RF-IF Isolation



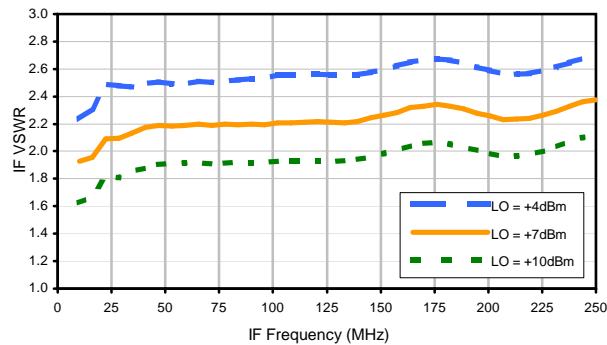
RF VSWR



LO VSWR



IF VSWR



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## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	26	8	32	27	62	57	44	41	50
1	-	11	+0	25	13	50	33	38	56	57	58	50
2	>100	51	40	55	43	58	51	69	62	>80	>80	71
3	>100	74	49	62	48	56	53	69	64	74	>80	>80
4	>100	>80	>80	>80	76	>80	72	79	>80	>80	>80	>80
5	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 920.10 MHz; -14.00 dBm.  
LO IN: 950.01 MHz; +7.00 dBm  
IF OUT: 29.91 MHz; -19.89 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	42	19	43	39	78	68	57	79	60
1	-	11	+0	27	14	54	35	47	64	62	60	56
2	85	45	35	53	39	52	43	66	61	85	79	67
3	>100	51	34	45	38	42	44	56	45	54	74	72
4	>100	72	61	58	56	58	54	63	61	71	69	85
5	>100	61	56	71	49	59	46	54	52	69	60	73
6	>100	>90	75	85	75	72	63	67	63	69	74	88
7	>100	>90	85	72	78	88	74	72	66	67	66	83
8	>100	>90	>90	>90	>90	>90	>90	83	84	83	74	90
9	>100	>90	>90	>90	>90	88	88	>90	83	81	79	78
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	86	86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 920.10 MHz; -4.00 dBm.  
LO IN: 950.01 MHz; +7.00 dBm  
IF OUT: 29.91 MHz; -9.85 dBm

- Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.  
2. + entry denotes harmonics are in (dBc) above IF OUTPUT.  
3. RF Cal represent the Harmonics level of the RF input signal to the mixer.

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