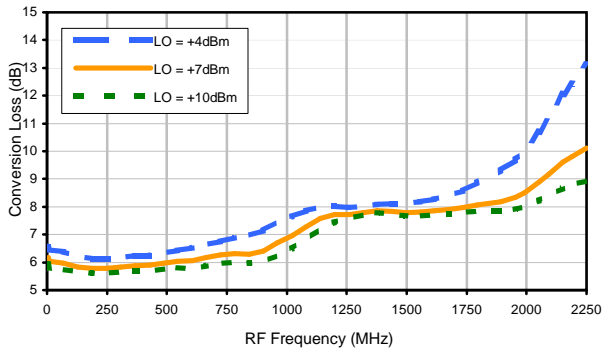
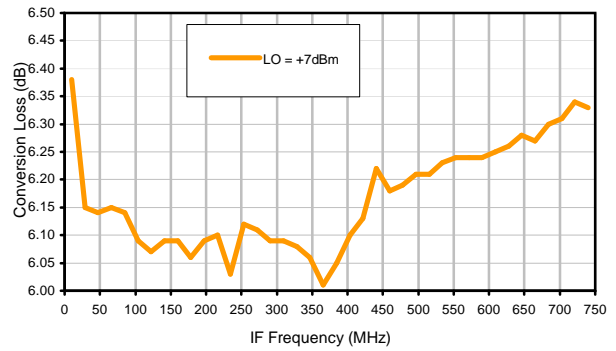


## Typical Performance Curves

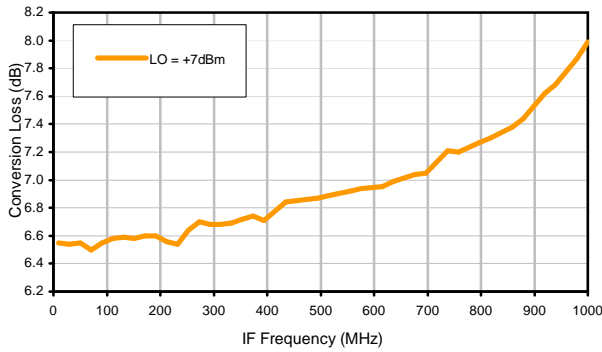
Conversion Loss @ IF=30MHz



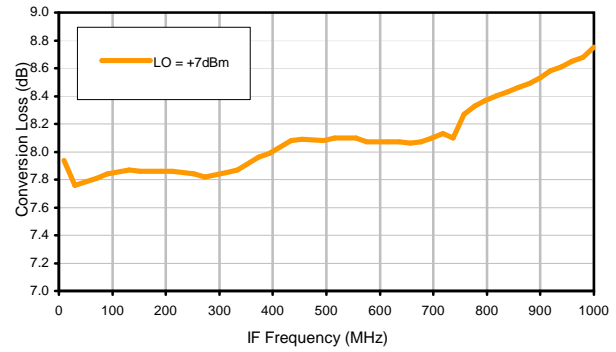
Conversion Loss vs. IF @ RF=750.1MHz



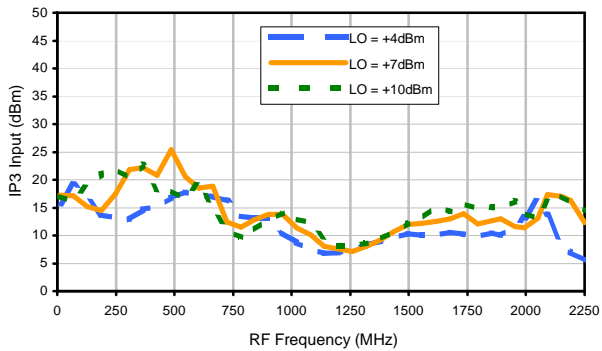
Conversion Loss vs. IF @ RF=10.1MHz



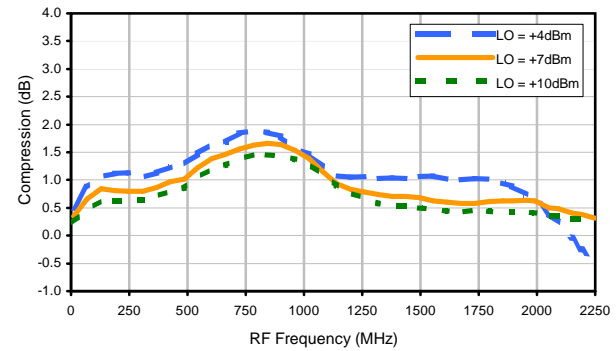
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

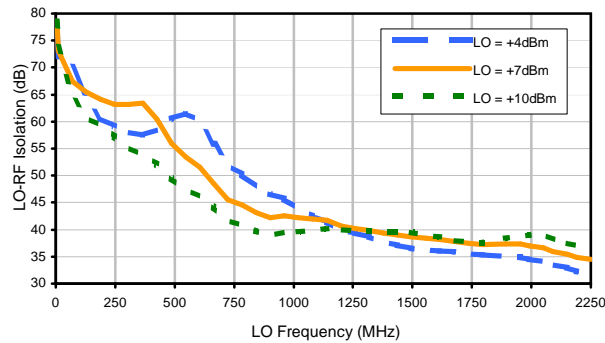


Compression @ RF IN=+1dBm

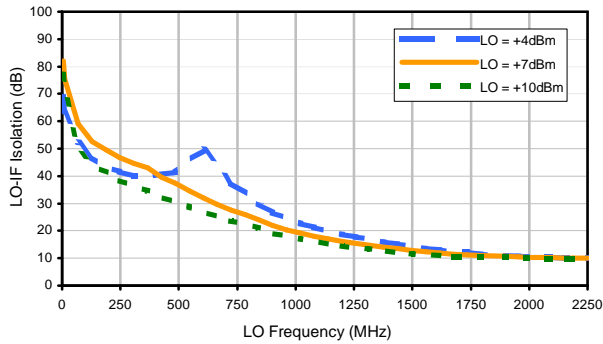


## Typical Performance Curves

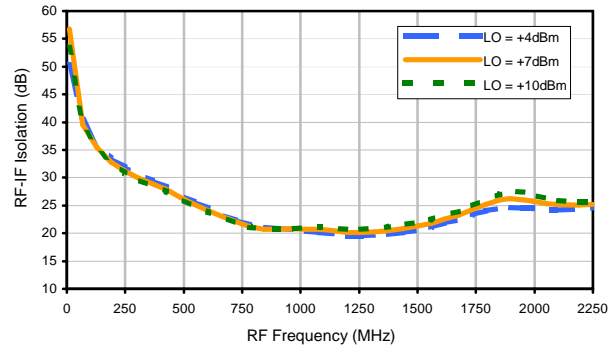
LO-RF Isolation



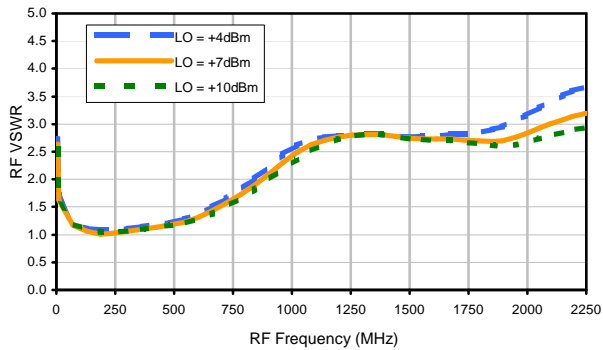
LO-IF Isolation



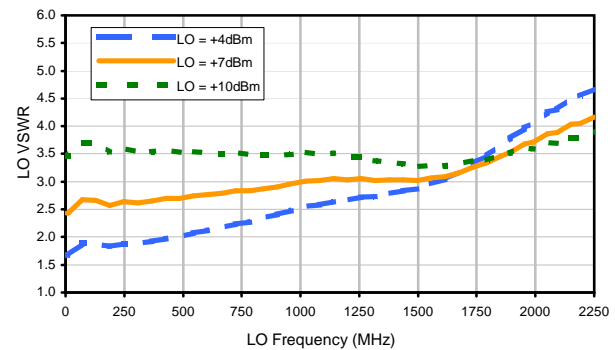
RF-IF Isolation



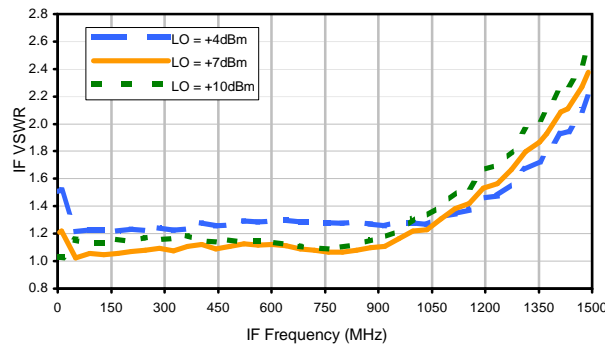
RF VSWR



LO VSWR



IF VSWR



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## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	18	11	21	9	48	39	44	43	43
1	-	16	+0	38	18	41	35	47	38	56	42	60
2	>100	54	35	54	34	64	49	56	45	59	60	62
3	>100	72	62	65	65	66	66	73	68	70	65	75
4	>100	>80	>80	>80	>80	77	>80	>80	>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: 750.1 MHz; -14.00 dBm.  
 LO IN: 780.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -20.17 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	28	21	35	21	61	53	59	45	61
1	-	16	+0	37	19	44	41	51	49	61	50	67
2	89	45	25	48	26	57	45	61	40	64	75	64
3	>100	47	44	47	40	54	46	63	58	68	57	83
4	>100	64	66	54	56	53	43	68	58	60	60	66
5	>100	71	67	65	54	59	58	62	59	76	62	69
6	>100	>90	73	73	85	>90	54	64	60	72	70	70
7	>100	>90	75	>90	78	81	72	75	64	68	71	77
8	>100	>90	>90	>90	80	85	88	78	72	81	69	84
9	>100	>90	>90	>90	86	>90	86	>90	83	81	71	81
10	>100	>90	>90	>90	>90	>90	88	>90	>90	85	82	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -4.00 dBm.  
 LO IN: 780.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -10.31 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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