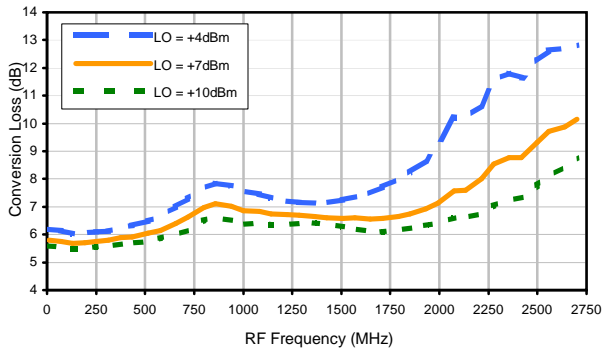
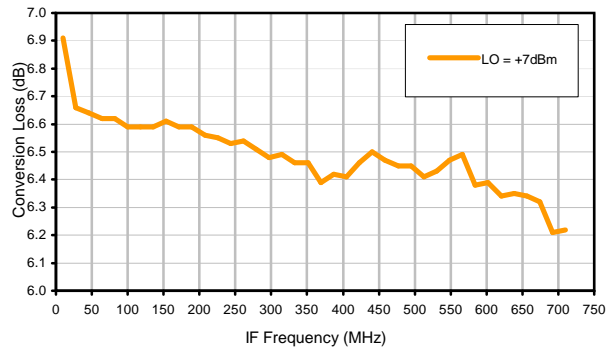


## Typical Performance Curves

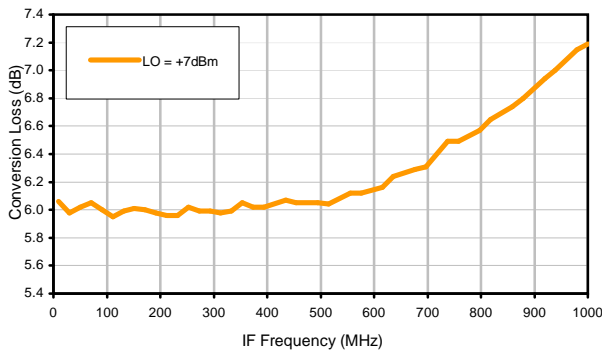
Conversion Loss @ IF=30MHz



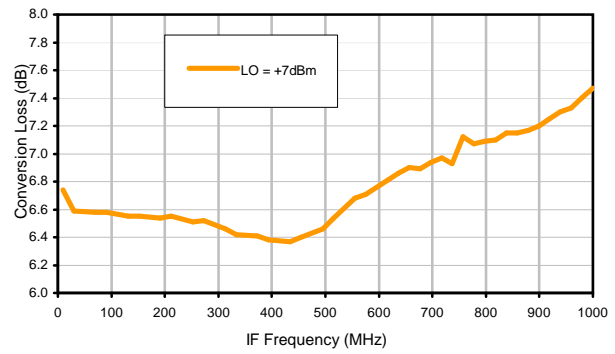
Conversion Loss vs. IF @ RF=750.1MHz



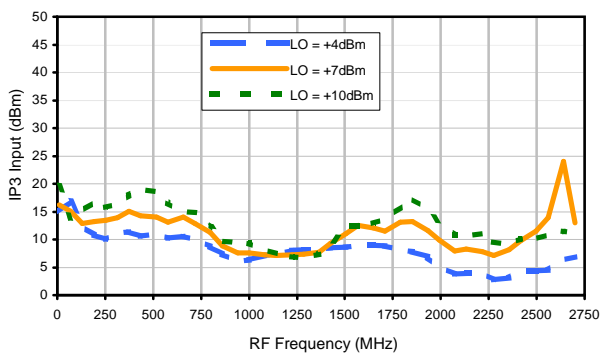
Conversion Loss vs. IF @ RF=20.1MHz



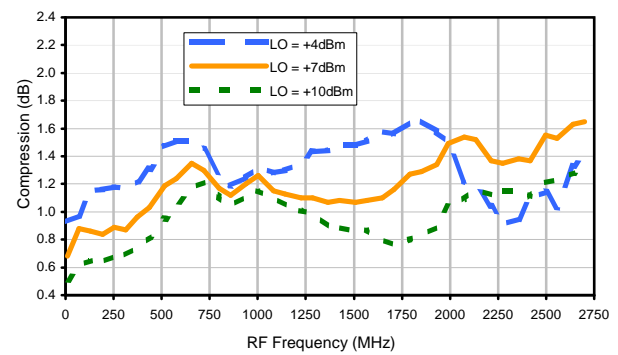
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

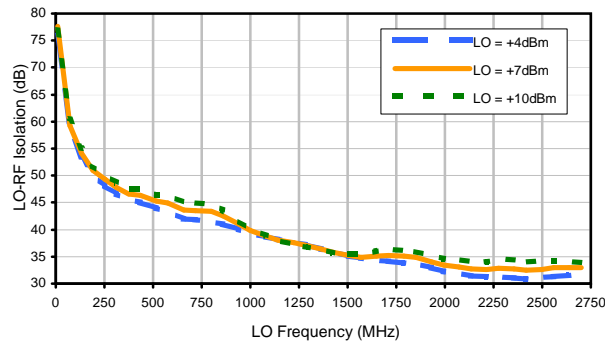


Compression @ RF IN=+1dBm

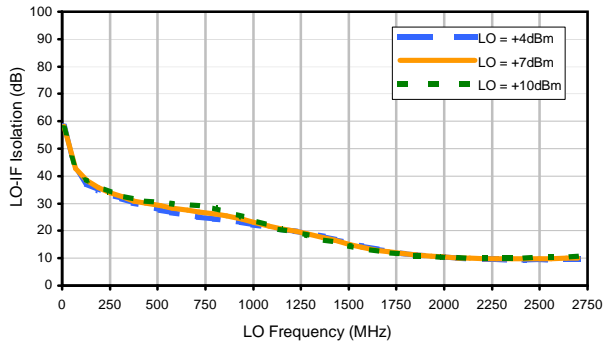


## Typical Performance Curves

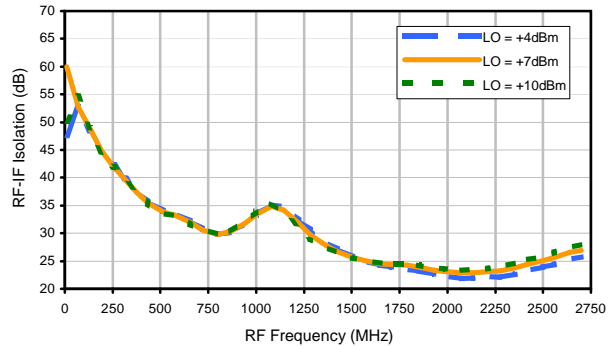
LO-RF Isolation



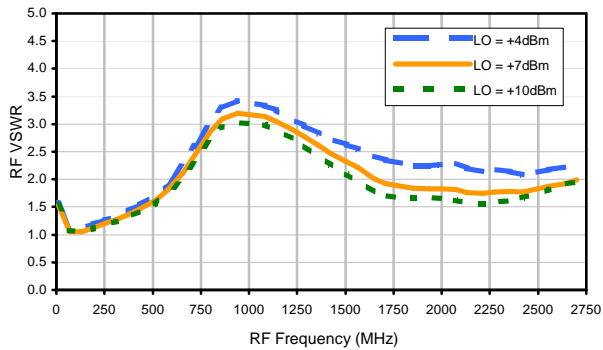
LO-IF Isolation



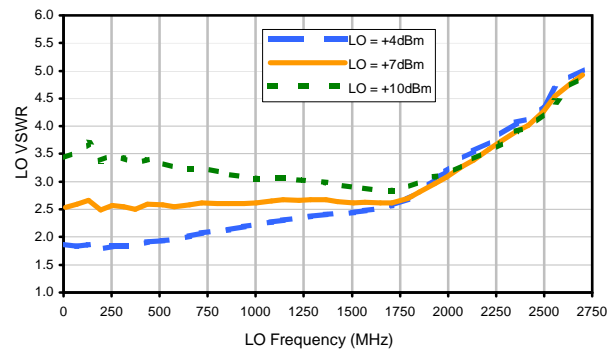
RF-IF Isolation



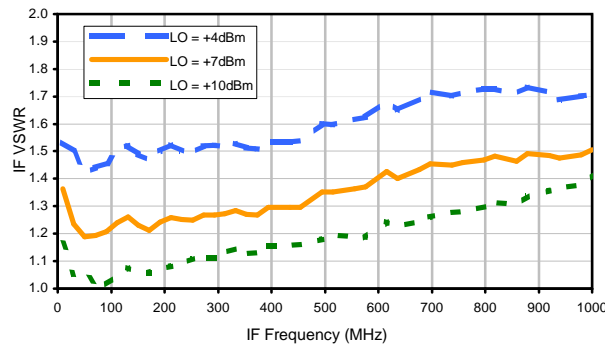
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	23	13	38	13	40	21	50	36	58
1	-	23	+0	36	21	39	36	51	46	59	58	60
2	>100	79	49	63	49	66	55	75	49	72	55	>79
3	>100	74	60	76	54	75	61	79	61	>79	71	>79
4	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
5	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	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; -20.99 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	34	23	48	26	53	35	64	48	74
1	-	24	+0	38	21	45	33	59	45	70	62	73
2	88	59	40	53	41	58	50	75	45	66	52	74
3	>100	50	41	61	40	65	48	56	49	75	64	81
4	>100	73	78	78	56	71	58	75	68	77	62	89
5	>100	72	67	67	57	68	51	73	62	75	59	88
6	>100	80	73	87	85	89	81	78	75	85	86	89
7	>100	89	87	>89	74	>89	67	80	67	88	78	85
8	>100	>89	>89	>89	85	>89	>89	>89	79	83	84	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	83	85	76	>89
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	87
	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; -10.79 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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