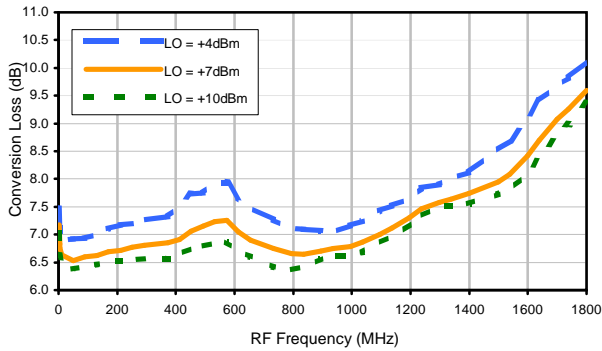
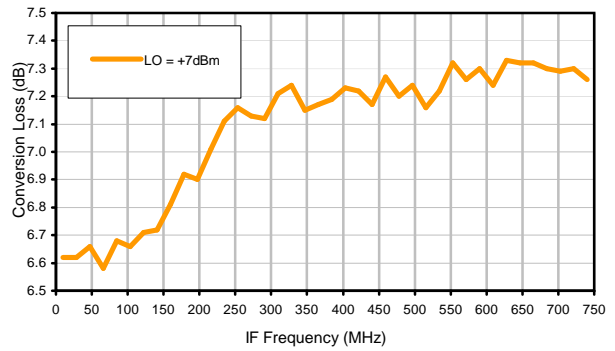


## Typical Performance Curves

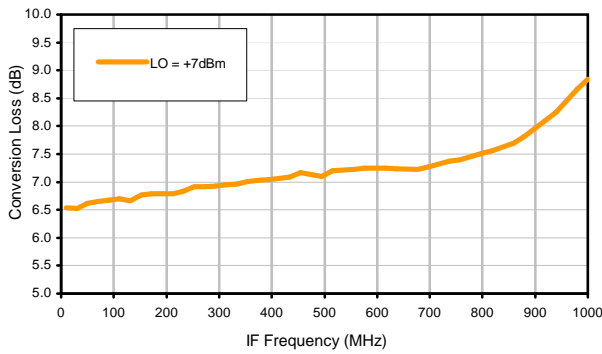
Conversion Loss @ IF=30MHz



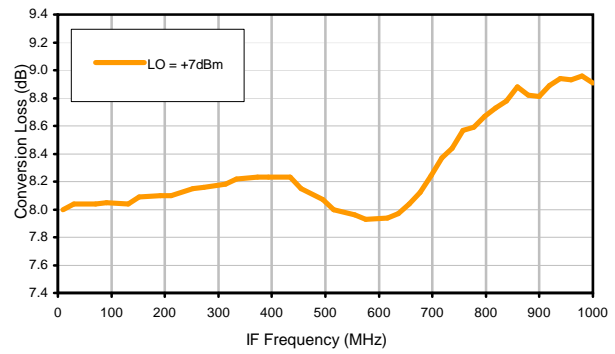
Conversion Loss vs. IF @ RF=750.1MHz



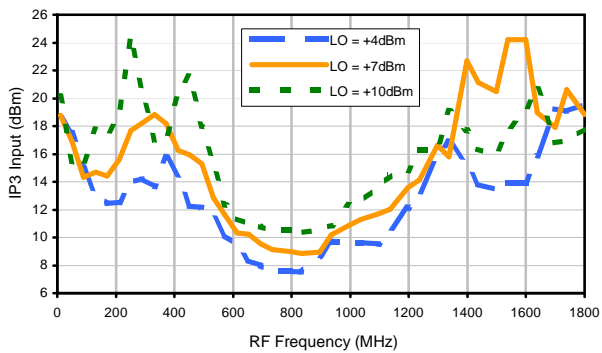
Conversion Loss vs. IF @ RF=10.1MHz



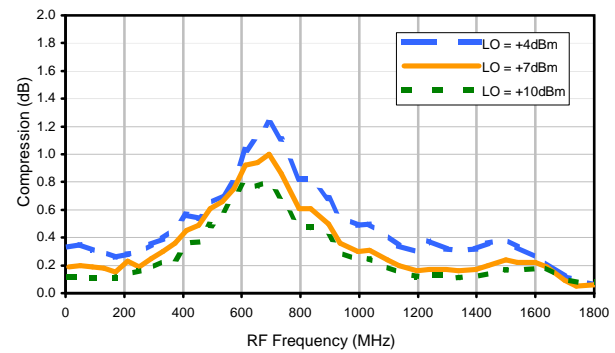
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

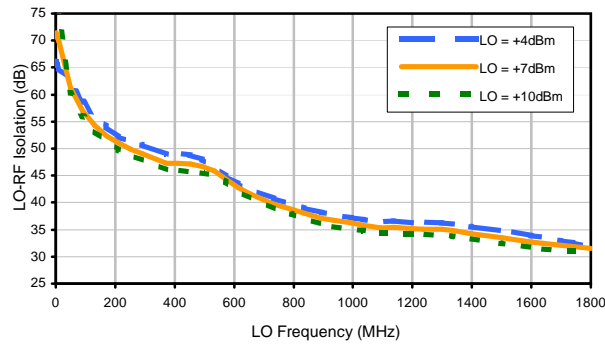


Compression @ RF IN=+1dBm

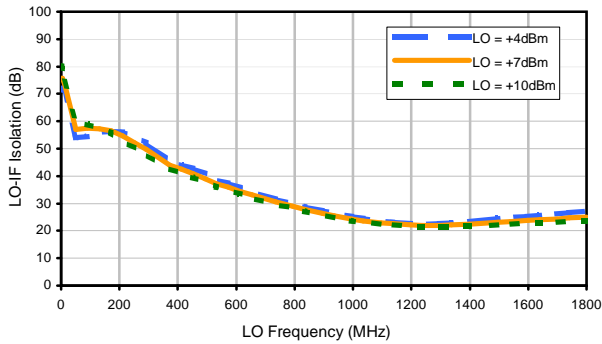


## Typical Performance Curves

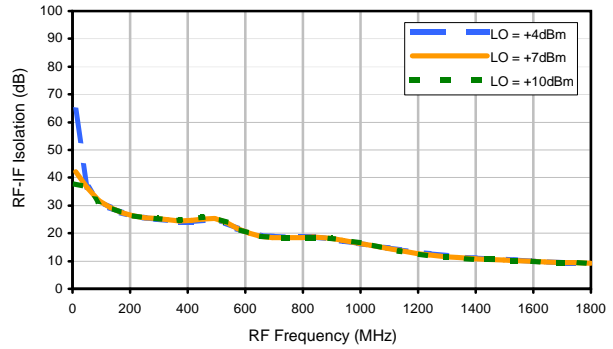
LO-RF Isolation



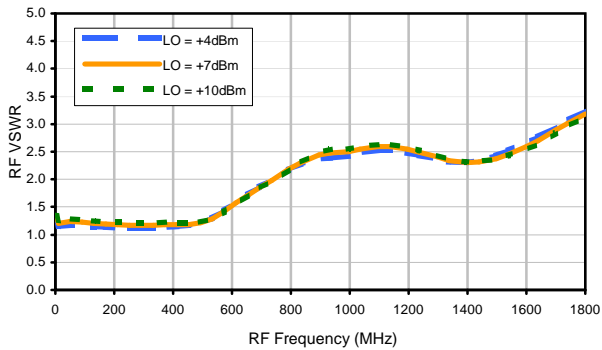
LO-IF Isolation



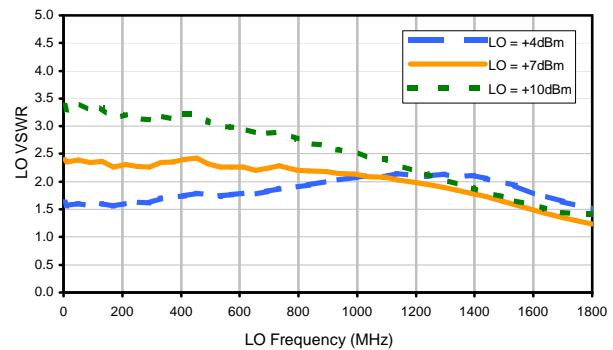
RF-IF Isolation



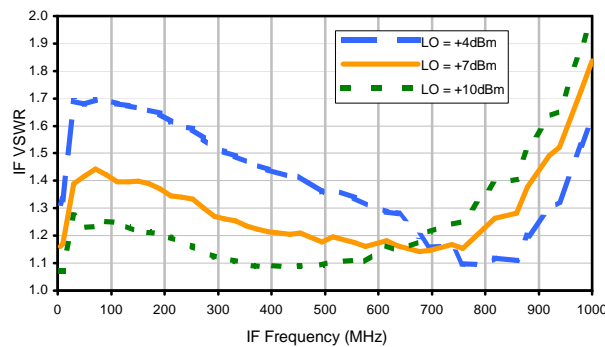
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	27	18	20	24	35	34	47	46	65
1	-	16	+0	45	27	41	19	41	46	40	52	56
2	>100	70	51	57	53	77	53	60	59	59	68	71
3	>100	>79	70	73	59	76	>79	>79	60	75	75	74
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; -20.83 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	38	29	32	35	48	48	67	64	85
1	-	16	+0	40	27	41	20	48	53	46	58	65
2	89	59	42	52	43	64	47	52	53	56	64	71
3	>100	59	51	57	39	62	67	62	44	58	59	59
4	>100	84	69	82	57	61	57	72	58	61	62	63
5	>100	76	60	76	67	72	54	69	73	70	56	75
6	>100	84	81	78	85	84	69	71	67	84	68	71
7	>100	86	>89	>89	78	89	76	85	68	85	84	81
8	>100	>89	>89	>89	>89	>89	>89	>89	82	85	81	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	81	>89
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	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; -10.9 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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