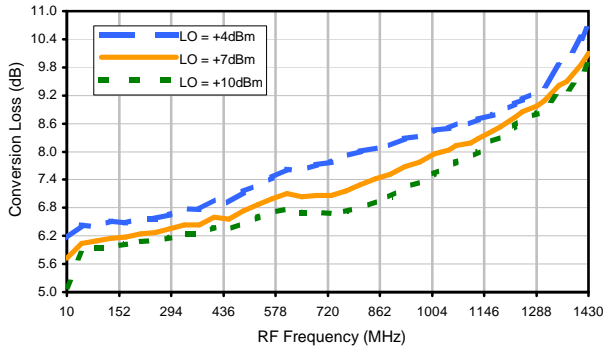
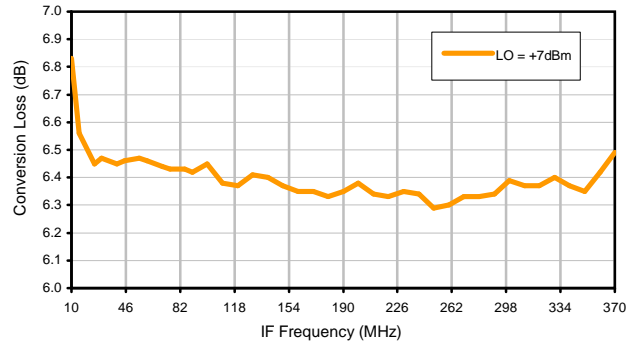


## Typical Performance Curves

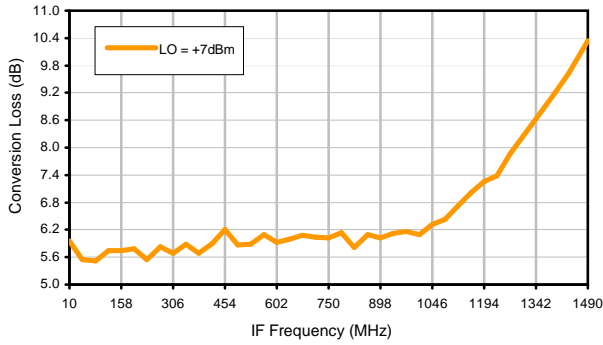
Conversion Loss @ IF=30MHz



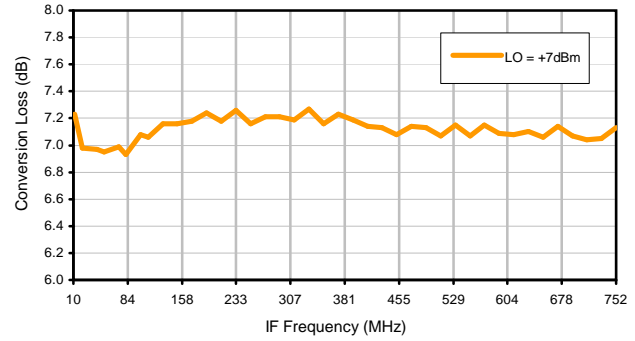
Conversion Loss vs. IF @ RF=385.1MHz



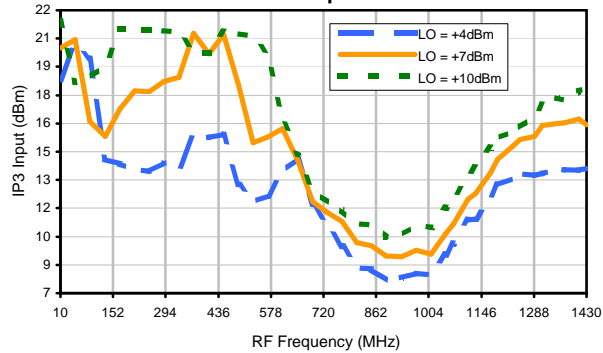
Conversion Loss vs. IF @ RF=10.1MHz



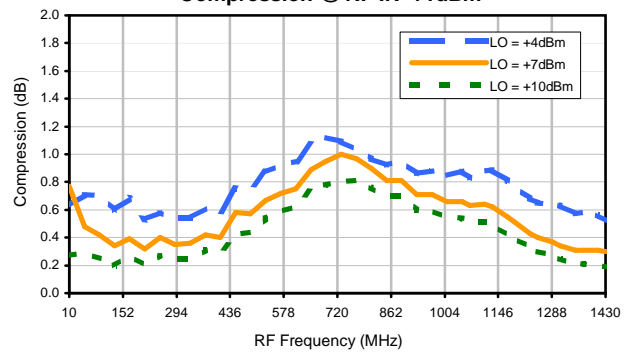
Conversion Loss vs. IF @ RF=762.1MHz



IP3 Input

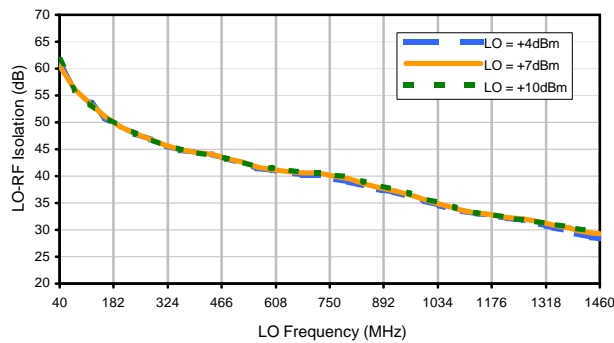


Compression @ RF IN=+1dBm

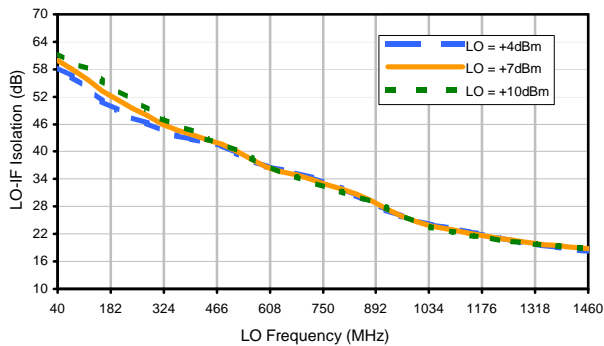


## Typical Performance Curves

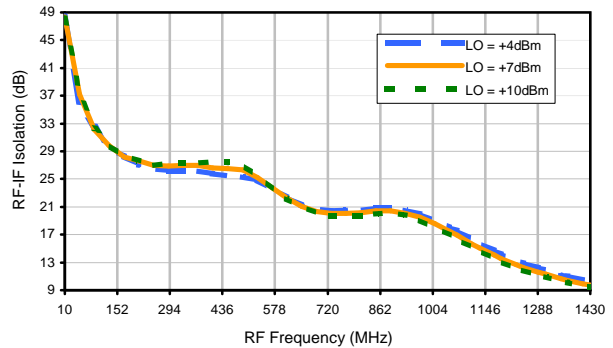
### LO-RF Isolation



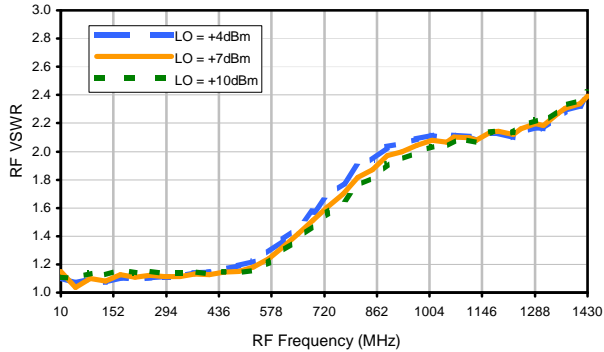
### LO-IF Isolation



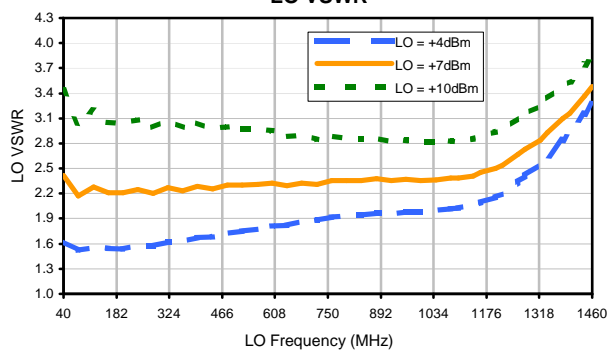
### RF-IF Isolation



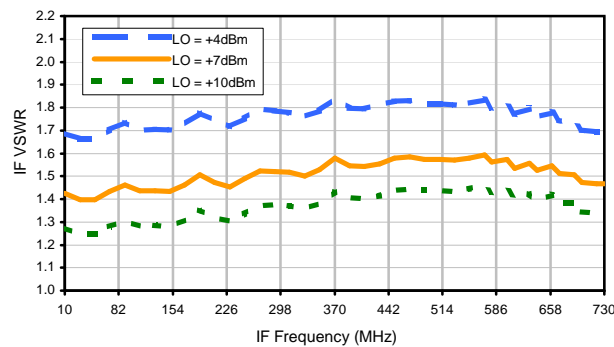
### RF VSWR



### LO VSWR



### IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	24	21	34	16	53	19	43	40	62
1	-	20	+0	32	13	33	24	44	42	55	45	56
2	>90	>70	66	68	>70	68	61	>70	57	>70	55	>70
3	>90	>70	>70	>70	>70	>70	62	>70	>70	>70	>70	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 380 MHz; -14.00 dBm.  
 LO IN: 410 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -20.45 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	34	32	46	27	60	32	58	54	78
1	-	21	+0	31	12	35	25	48	42	59	48	62
2	72	75	55	64	60	62	52	63	49	64	47	69
3	>90	49	53	53	57	66	47	60	55	64	63	66
4	>90	>79	78	79	>79	79	>79	76	77	>79	71	79
5	>90	76	72	70	59	71	57	69	56	68	64	>79
6	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>90	>79	>79	>79	77	>79	>79	>79	>79	>79	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>90	>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: 380 MHz; -4.00 dBm.  
 LO IN: 410 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -10.57 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.