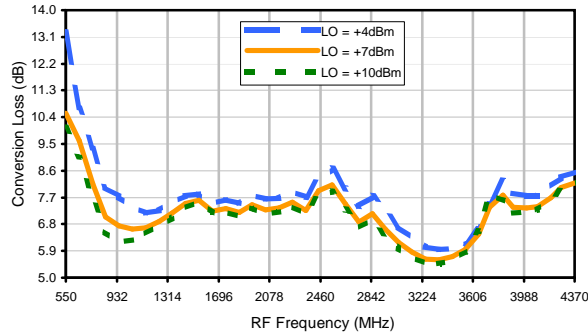
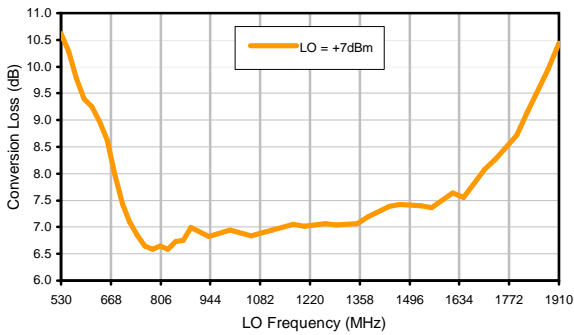


## Typical Performance Curves

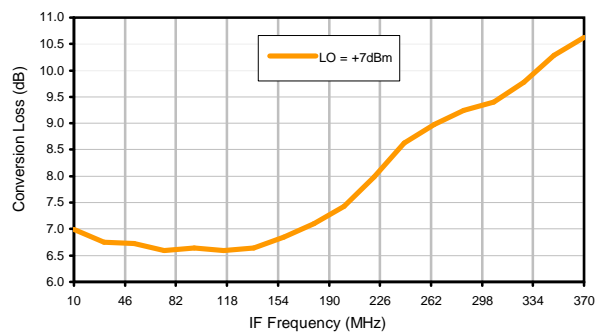
### Conversion Loss @ IF=30MHz



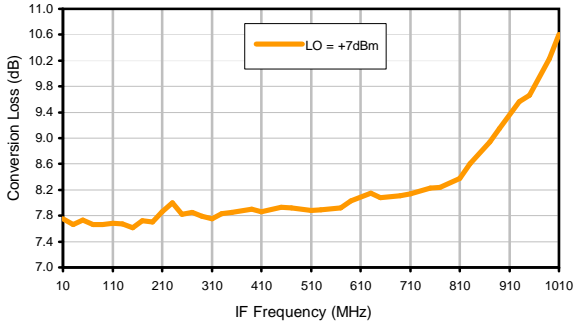
### Conversion Loss vs. LO @ RF=900MHz



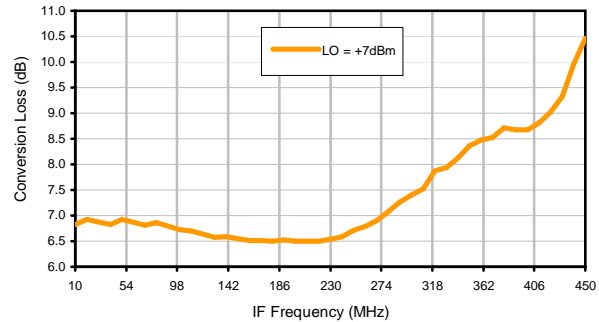
### Conversion Loss vs. IF @ RF=900MHz



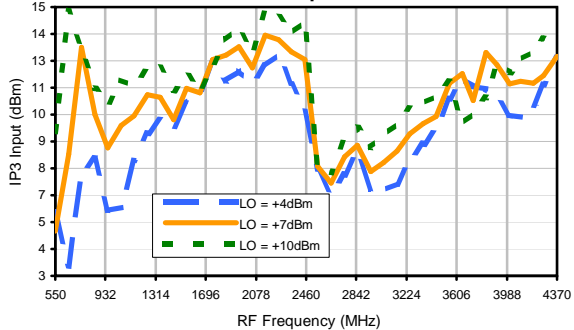
### Conversion Loss vs. IF @ RF=789.9MHz



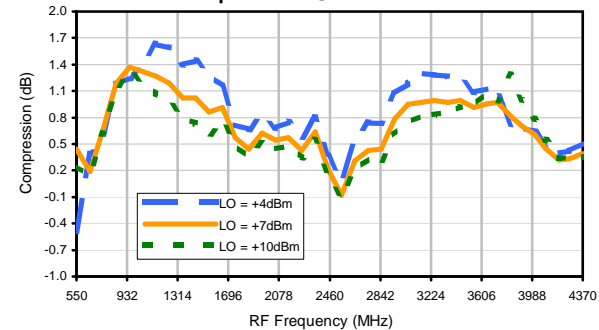
### Conversion Loss vs. IF @ RF=1010.1MHz



### IP3 Input

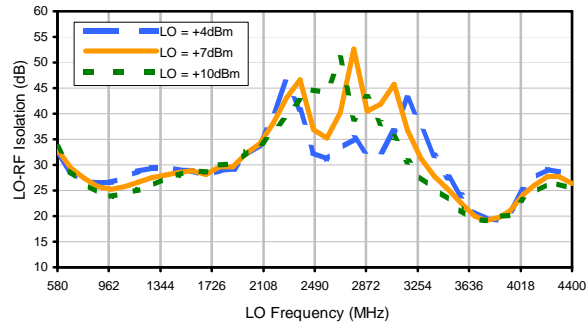


### Compression @ RF IN=+1dBm

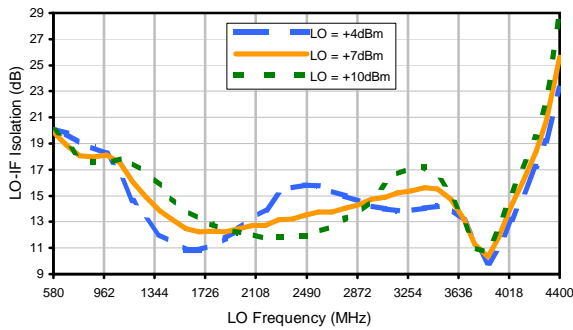


## Typical Performance Curves

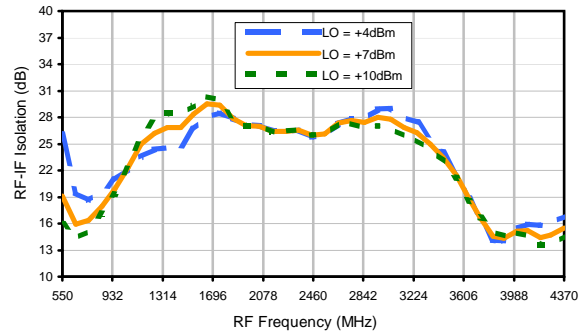
LO-RF Isolation



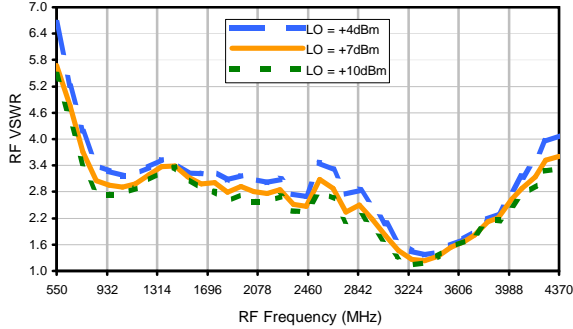
LO-IF Isolation



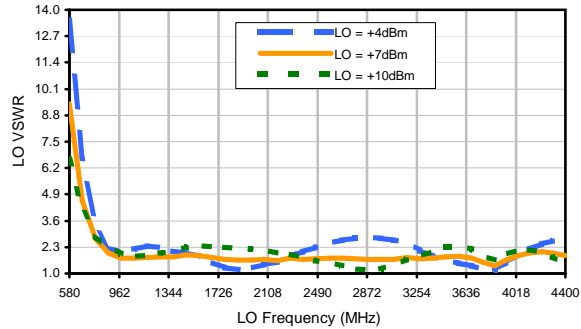
RF-IF Isolation



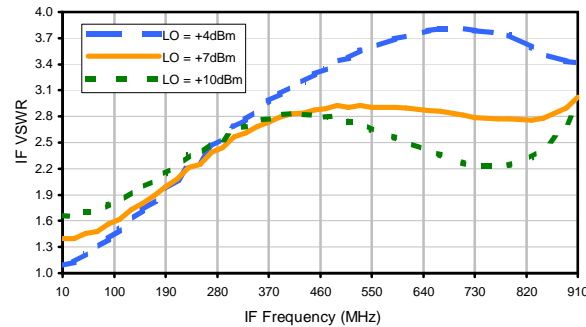
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
		0	1	2	3	4	5	6	7	8	9	10
0	-	-	+10	40	+1	36	27	40	17	42	37	48
1	-	12	+0	21	38	41	51	28	37	41	40	55
2	90	49	55	55	51	57	48	>69	58	54	68	62
3	>90	>69	>69	58	52	60	>69	>69	62	64	66	>69
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69

### LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; -14.00 dBm.  
 LO IN: 930 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -21.1 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
		0	1	2	3	4	5	6	7	8	9	10
0	-	-	+0	49	10	45	39	48	28	55	44	51
1	-	11	+0	24	39	46	41	33	46	44	45	51
2	70	39	45	42	41	53	41	67	59	54	48	59
3	>90	52	53	43	37	42	58	58	50	50	52	60
4	>90	71	60	69	55	62	59	62	65	73	64	61
5	>90	51	70	73	68	55	48	61	>79	79	58	60
6	>90	>79	64	>79	75	72	64	66	74	>79	71	79
7	>90	>79	>79	76	>79	>79	>79	68	64	70	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	74	>79	>79
9	>90	>79	>79	>79	>79	77	>79	>79	>79	74	74	>79
10	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79

### LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; -4.00 dBm.  
 LO IN: 930 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -11.08 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.