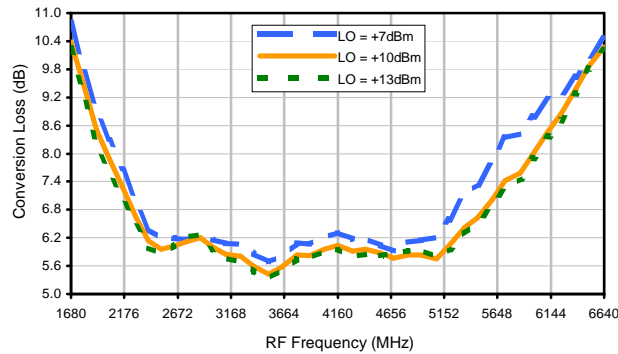
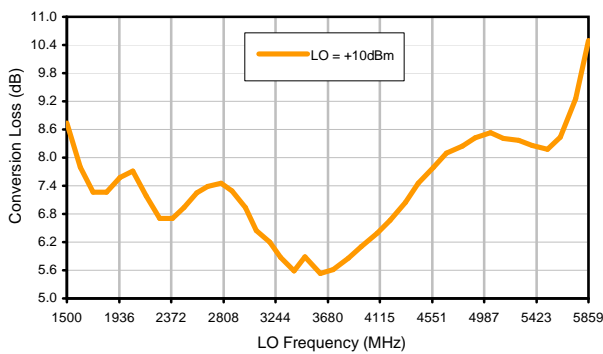


## Typical Performance Curves

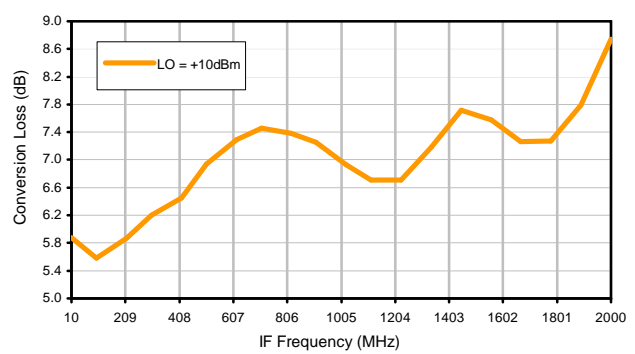
Conversion Loss @ IF=30MHz



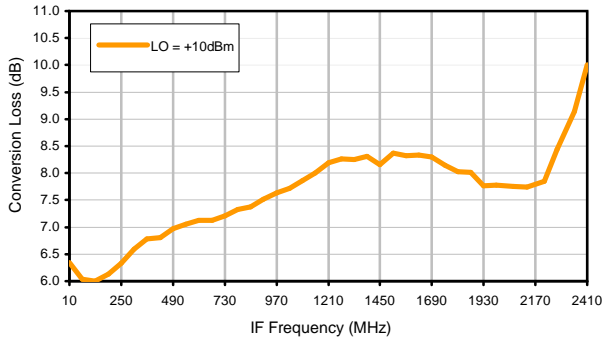
Conversion Loss vs. LO @ RF=3500MHz



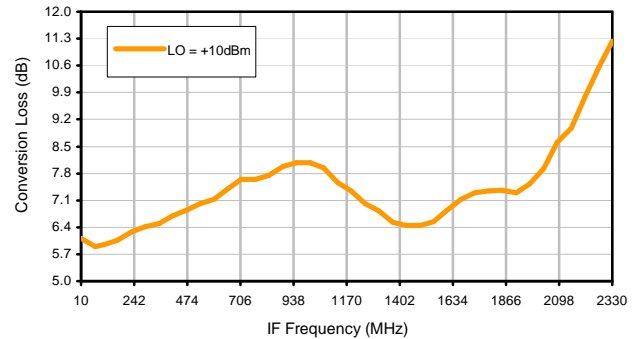
Conversion Loss vs. IF @ RF=3500MHz



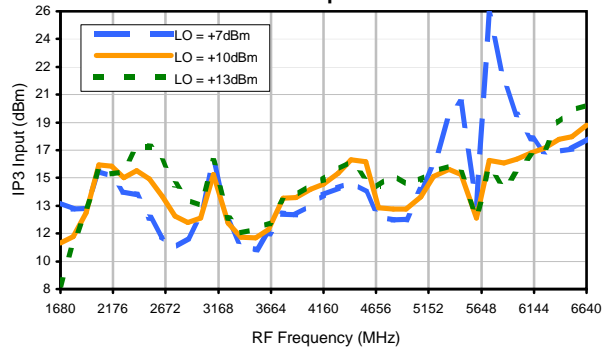
Conversion Loss vs. IF @ RF=2989.89MHz



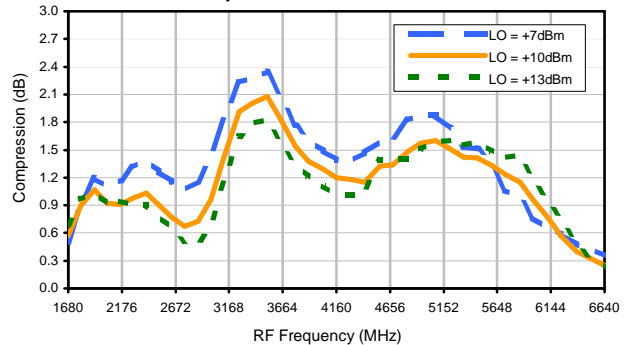
Conversion Loss vs. IF @ RF=4010.1MHz



IP3 Input

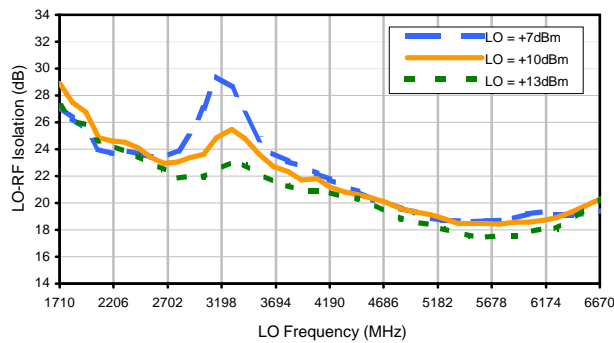


Compression @ RF IN=+5dBm

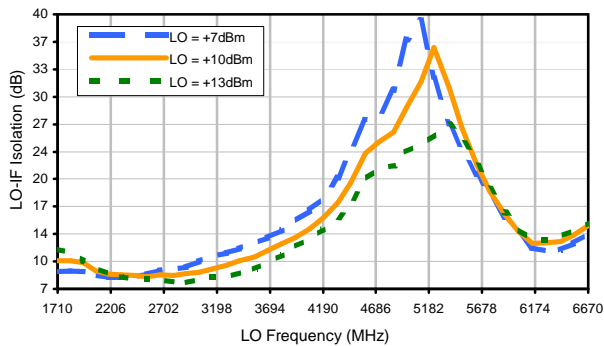


## Typical Performance Curves

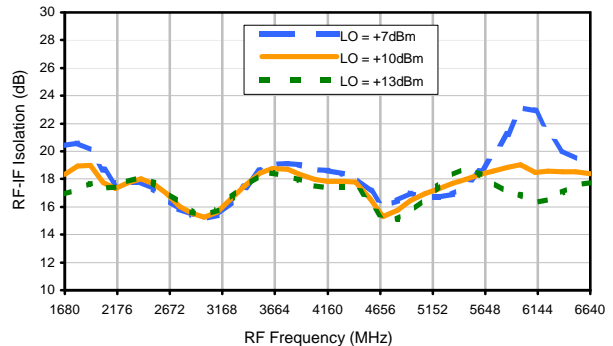
LO-RF Isolation



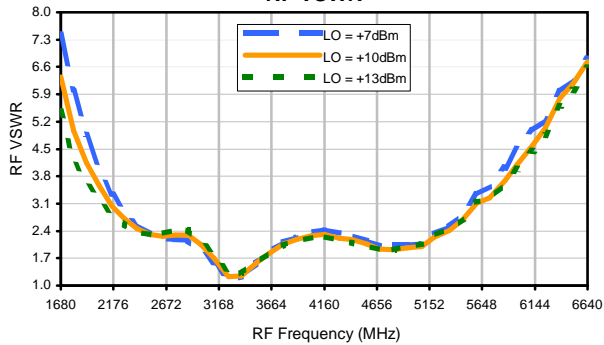
LO-IF Isolation



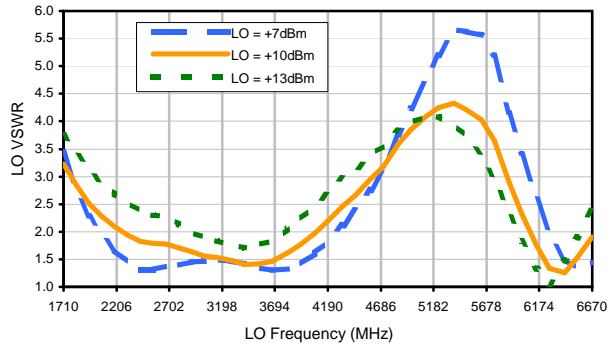
RF-IF Isolation



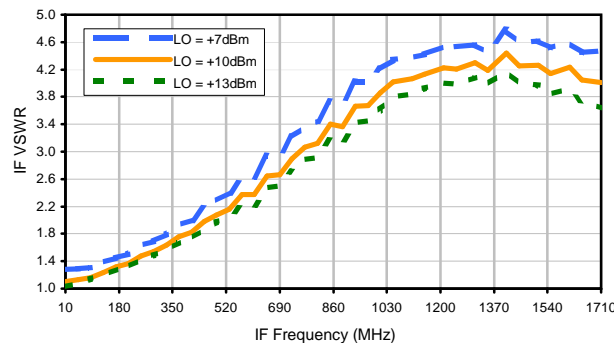
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	6	10	30	49	42	---	---	---	---
1	-	7	+0	22	10	26	31	43	55	---	---	---
2	69	33	28	29	31	37	38	44	61	53	---	---
3	>90	37	34	35	34	36	47	44	49	48	60	---
4	>90	55	60	49	47	43	47	51	48	53	62	61
5	>90	68	60	65	61	52	47	52	55	57	55	56
6	>90	>79	77	70	74	68	62	62	62	58	57	62
7	---	---	>79	>79	76	>79	70	67	60	63	68	68
8	---	---	---	>79	>79	>79	>79	69	78	69	70	69
9	---	---	---	---	>79	>79	>79	>79	>79	>79	70	72
10	---	---	---	---	---	>79	>79	>79	>79	79	>79	77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 3500 MHz; 0.00 dBm.  
 LO IN: 3530 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -11.3 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+20	+4	+1	17	27	34	---	---	---	---
1	-	7	+0	17	10	23	28	31	45	---	---	---
2	>90	46	36	36	38	50	41	45	61	51	---	---
3	>90	58	58	51	54	53	57	61	57	57	>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	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	---	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69
10	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 3500 MHz; -10.00 dBm.  
 LO IN: 3530 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -21.2 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.