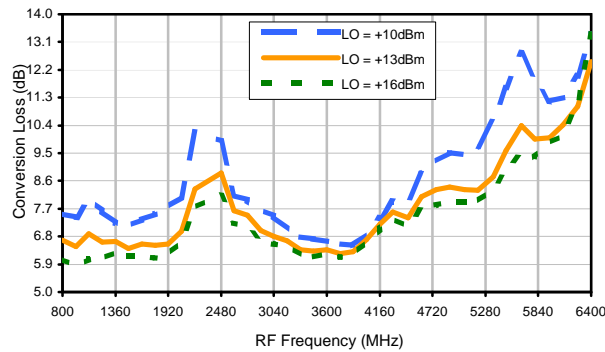
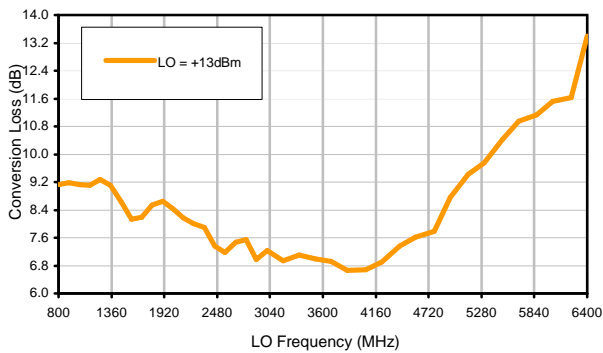


## Typical Performance Curves

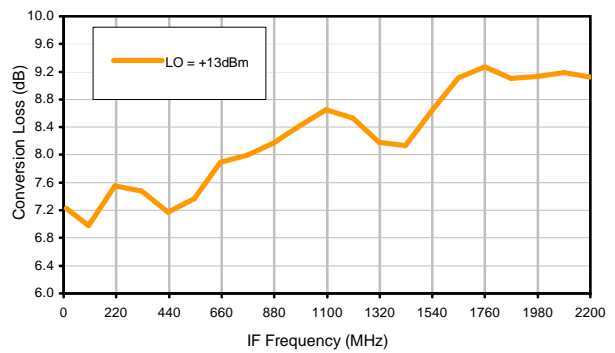
Conversion Loss @ IF=30MHz



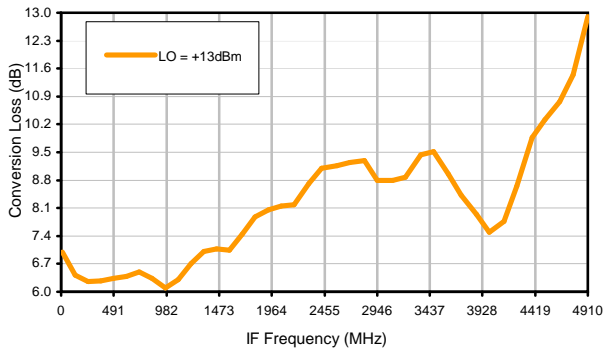
Conversion Loss vs. LO @ RF=3000.1001MHz



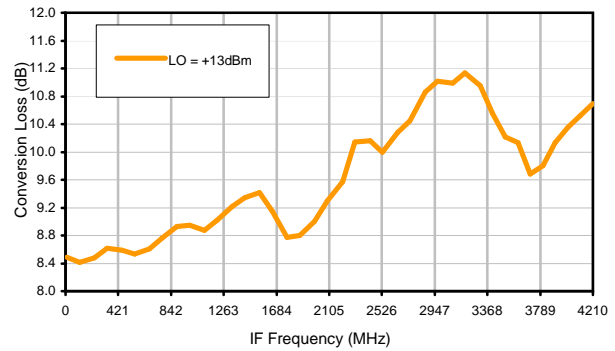
Conversion Loss vs. IF @ RF=3000.1001MHz



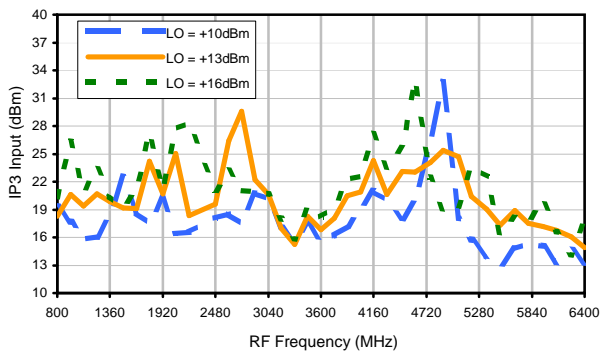
Conversion Loss vs. IF @ RF=1000.1MHz



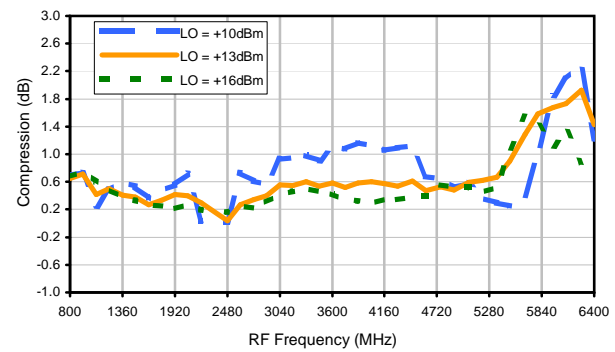
Conversion Loss vs. IF @ RF=5010.1001MHz



IP3 Input

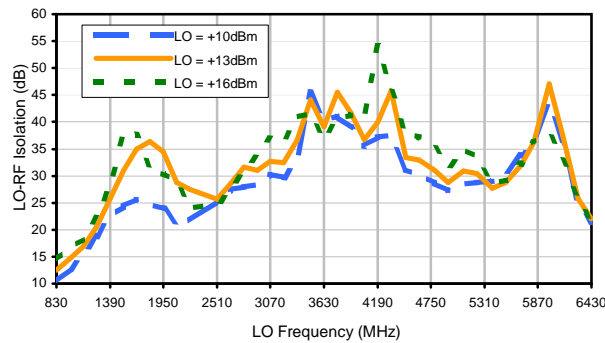


Compression @ RF IN=+9dBm

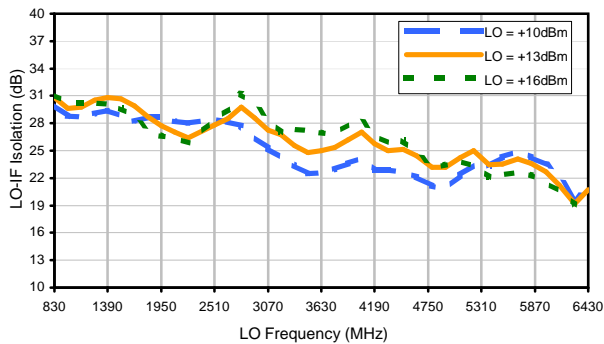


## Typical Performance Curves

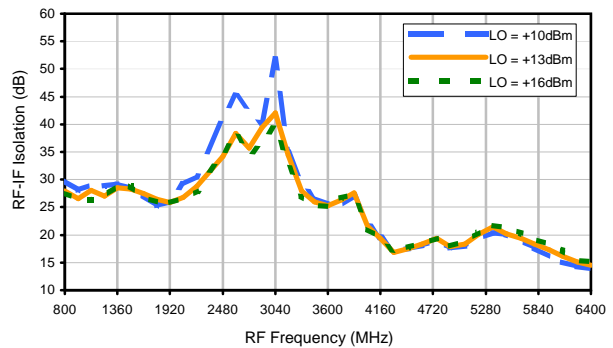
LO-RF Isolation



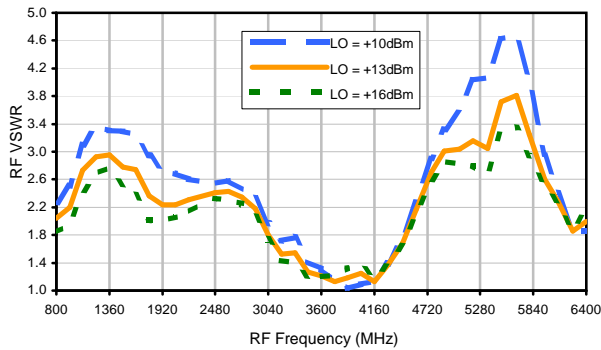
LO-IF Isolation



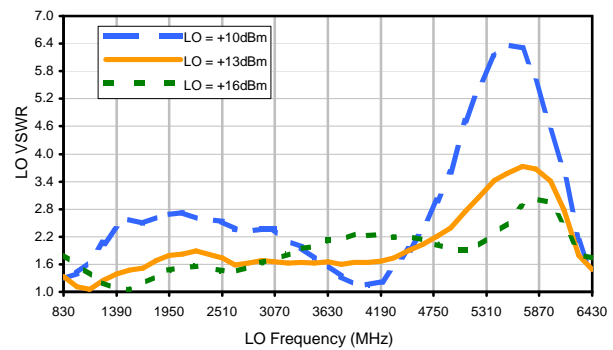
RF-IF Isolation



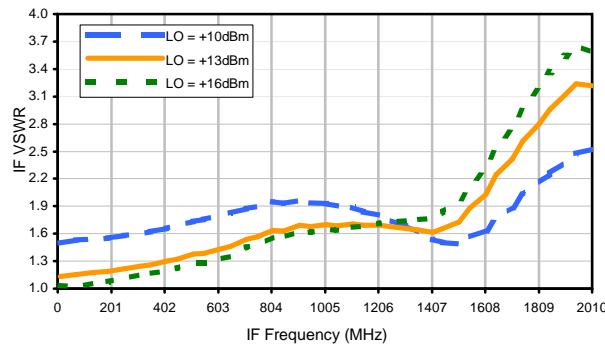
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	3	17	17	21	15	26	29	---	---	---
1	---	25	+0	40	22	47	38	43	40	48	---	---
2	76	54	54	46	51	56	53	62	56	58	57	---
3	>90	>77	71	>77	64	72	73	>77	>77	>77	66	>77
4	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
5	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
6	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
7	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
8	---	---	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
9	---	---	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
10	---	---	---	>77	>77	>77	>77	>77	>77	>77	>77	>77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 3000 MHz; -6.00 dBm.  
 LO IN: 3030 MHz; +13.00 dBm  
 IF OUT: 30 MHz; -13.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	13	27	28	30	28	36	41	---	---	---
1	---	24	+0	47	23	46	41	44	46	51	---	---
2	57	45	47	36	42	47	47	55	47	53	52	---
3	84	59	50	63	42	54	53	61	61	64	55	67
4	>90	71	62	72	63	58	58	65	58	68	72	69
5	>90	80	77	74	75	73	62	70	71	79	75	72
6	>90	>87	>87	83	78	>87	77	77	75	>87	75	79
7	>90	>87	>87	>87	>87	>87	>87	>87	78	>87	82	>87
8	---	---	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
9	---	---	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
10	---	---	---	85	>87	>87	>87	>87	>87	>87	>87	>87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 3000 MHz; 4.00 dBm.  
 LO IN: 3030 MHz; +13.00 dBm  
 IF OUT: 30 MHz; -3.34 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.