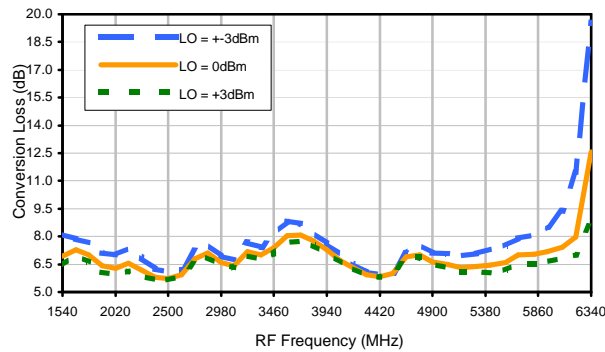
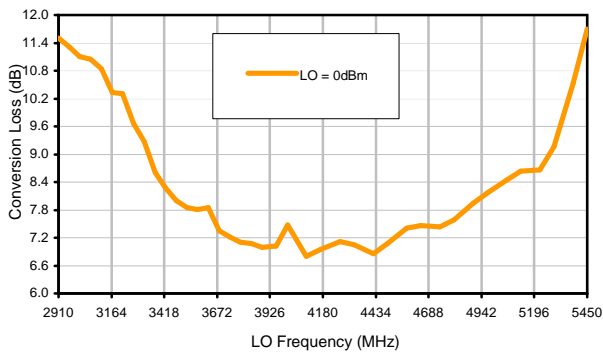


## Typical Performance Curves

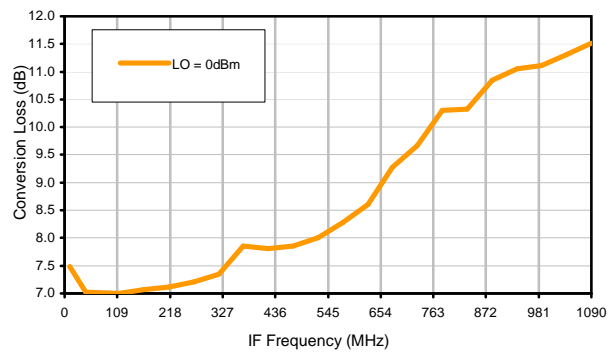
### Conversion Loss @ IF=30MHz



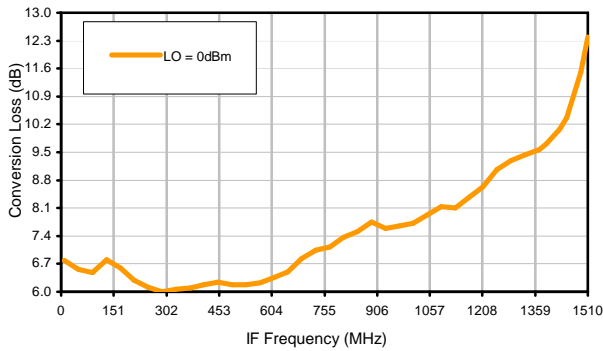
### Conversion Loss vs. LO @ RF=4000.1001MHz



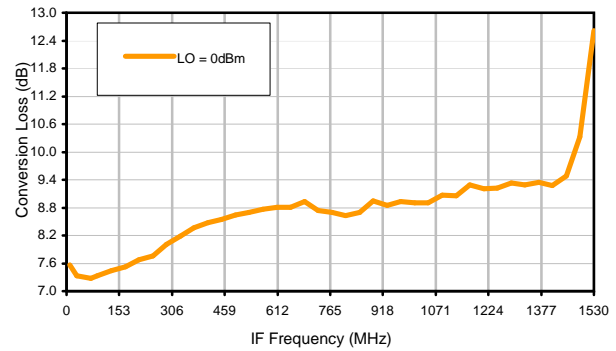
### Conversion Loss vs. IF @ RF=4000.1001MHz



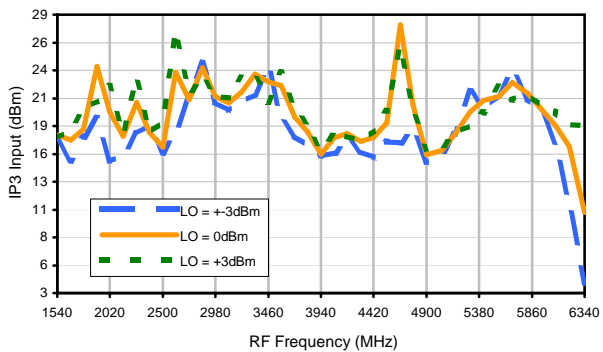
### Conversion Loss vs. IF @ RF=2000.1MHz



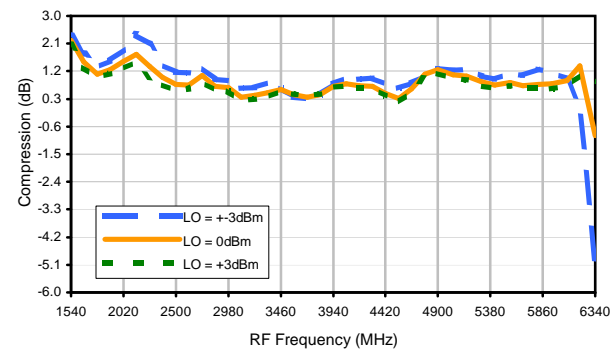
### Conversion Loss vs. IF @ RF=6000.1001MHz



### IP3 Input

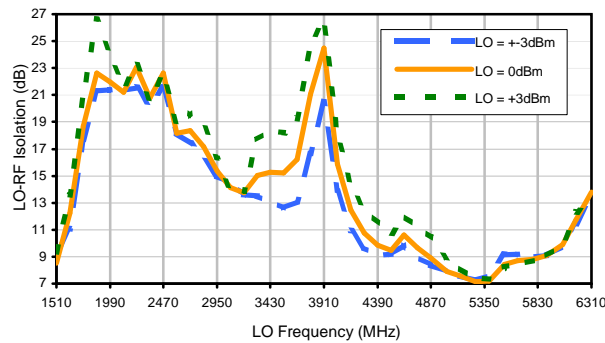


### Compression @ RF IN=+10dBm

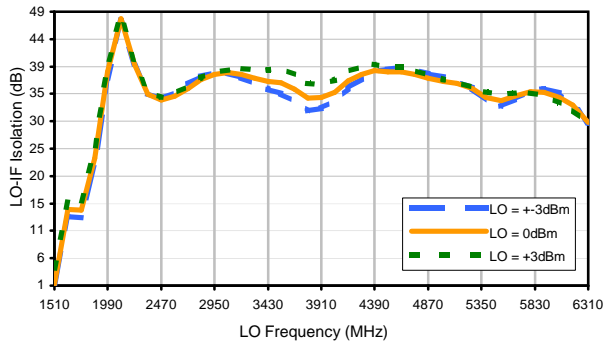


## Typical Performance Curves

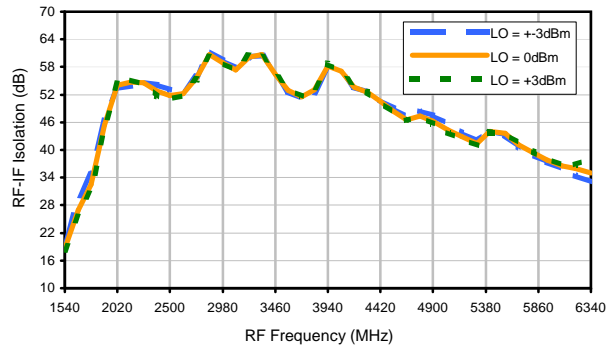
LO-RF Isolation



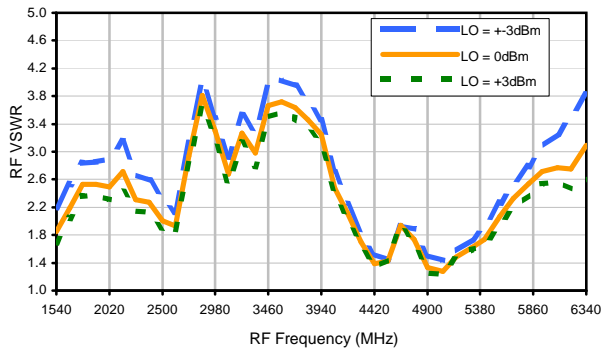
LO-IF Isolation



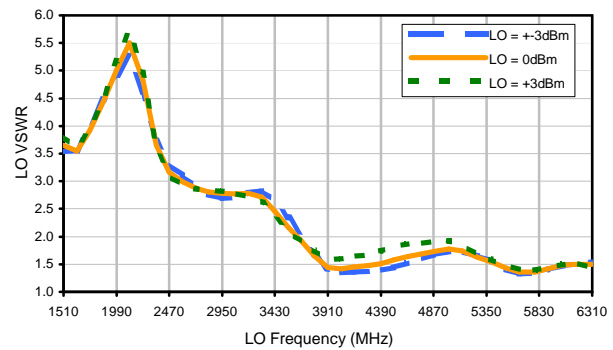
RF-IF Isolation



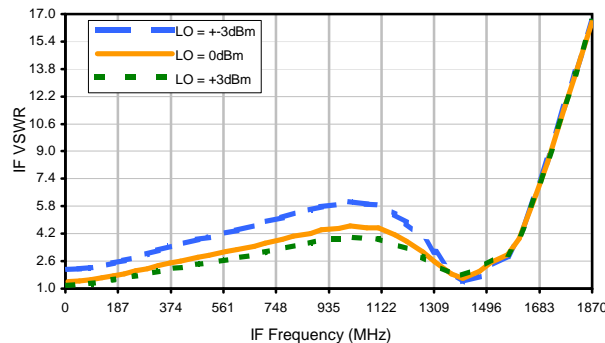
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	43	25	47	60	52	---	---	---	---
1	-	51	+0	58	52	50	70	70	58	---	---	---
2	76	72	77	46	76	>78	64	>78	>78	71	---	---
3	>90	74	>78	>78	53	>78	>78	>78	>78	>78	>78	---
4	>90	>78	>78	>78	>78	71	>78	>78	>78	>78	>78	>78
5	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	---	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78
9	---	---	---	---	---	>78	>78	>78	>78	>78	>78	>78
10	---	---	---	---	---	---	>78	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 4000.1 MHz; -5.00 dBm.  
 LO IN: 3970.1 MHz; +0.00 dBm  
 IF OUT: 30 MHz; -12.15 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	33	54	37	58	75	60	---	---	---	---
1	-	52	+0	60	49	57	69	68	70	---	---	---
2	57	65	70	53	71	72	59	79	>88	74	---	---
3	80	54	64	77	36	81	75	68	84	>88	77	---
4	>90	>88	77	83	>88	67	>88	>88	76	>88	>88	88
5	>90	>88	>88	79	80	>88	49	>88	85	78	>88	>88
6	---	---	>88	>88	>88	>88	>88	66	>88	>88	85	>88
7	---	---	---	>88	>88	>88	>88	>88	61	>88	>88	87
8	---	---	---	---	>88	>88	>88	>88	>88	71	>88	>88
9	---	---	---	---	---	>88	>88	>88	>88	>88	72	>88
10	---	---	---	---	---	---	>88	>88	>88	>88	>88	77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 4000.1 MHz; 5.00 dBm.  
 LO IN: 3970.1 MHz; +0.00 dBm  
 IF OUT: 30 MHz; -2.24 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.