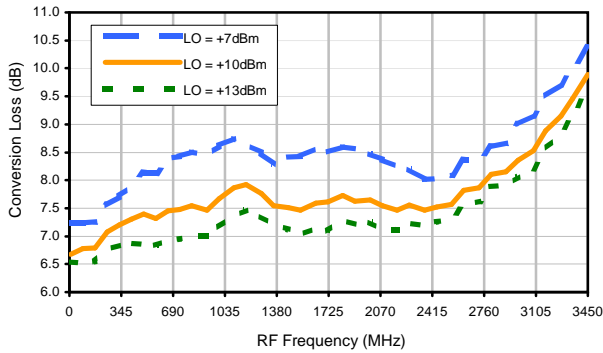
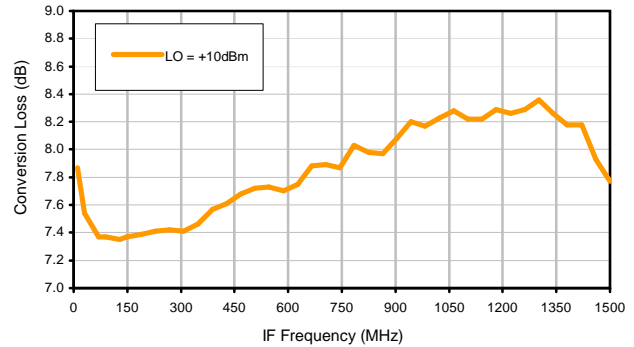


## Typical Performance Curves

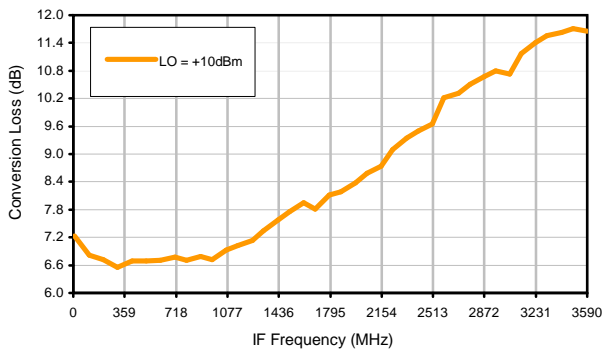
Conversion Loss @ IF=30MHz



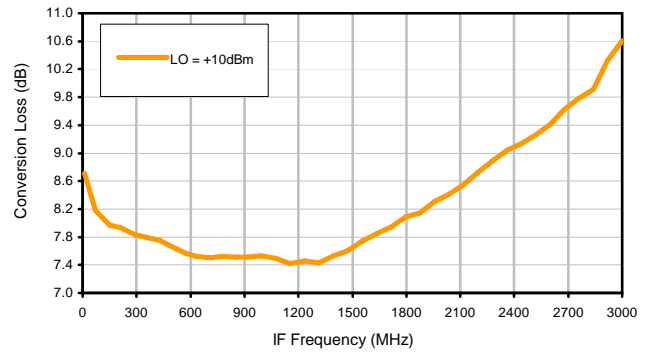
Conversion Loss vs. IF @ RF=1510.1MHz



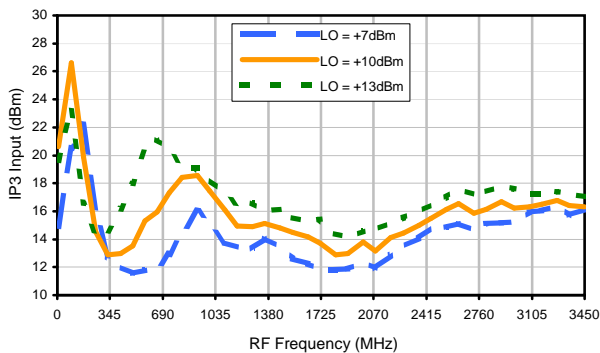
Conversion Loss vs. IF @ RF=10.1MHz



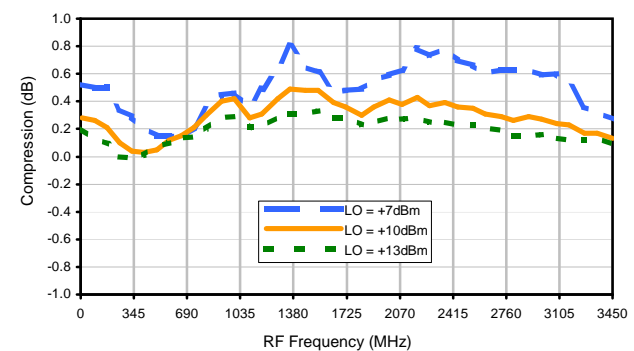
Conversion Loss vs. IF @ RF=3010.1MHz



IP3 Input

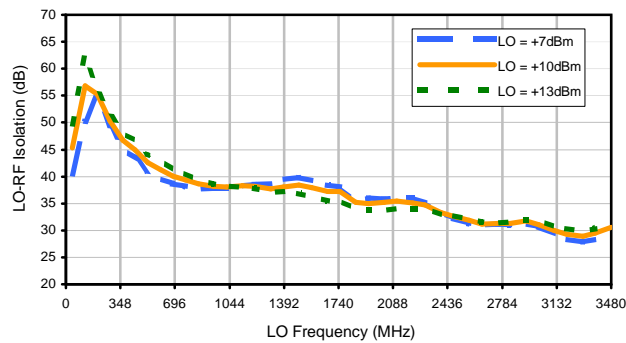


Compression @ RF IN=+5dBm

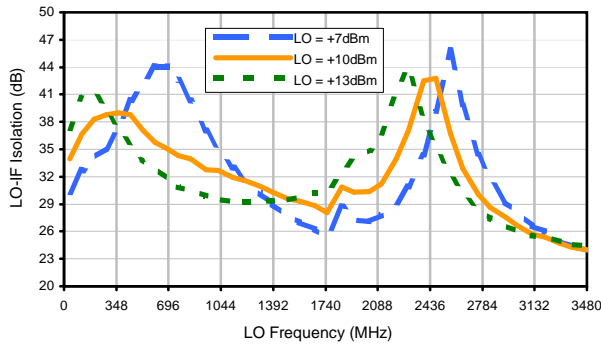


## Typical Performance Curves

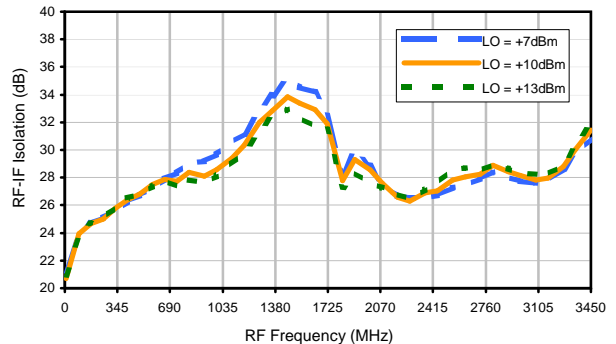
LO-RF Isolation



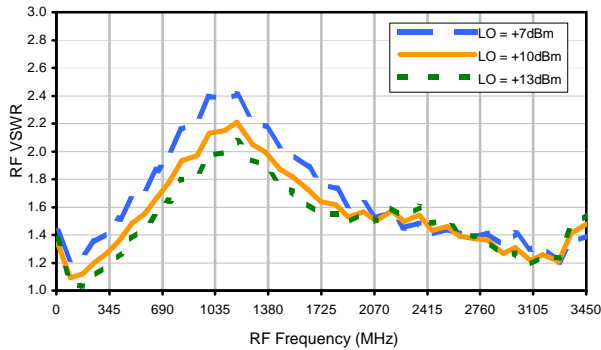
LO-IF Isolation



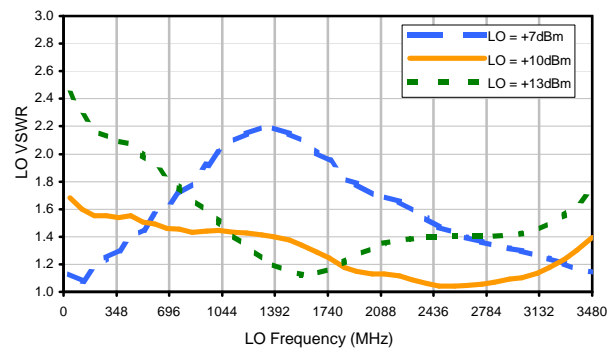
RF-IF Isolation



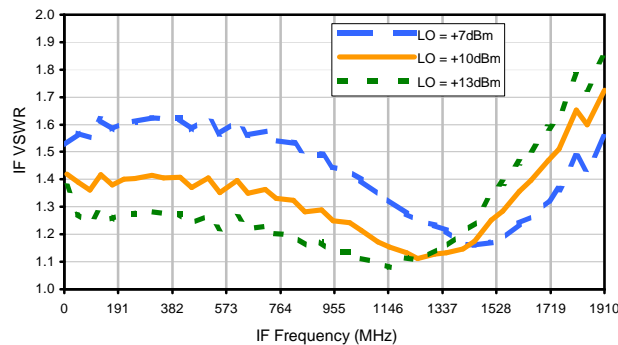
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	28	10	29	10	28	21	38	25	35
1	-	25	+0	42	17	54	20	36	43	35	37	41
2	83	65	55	66	64	68	>68	59	51	>68	54	60
3	>90	>68	>68	>68	66	>68	>68	>68	68	>68	>68	>68
4	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
5	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
6	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
7	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
8	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
9	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
10	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1500 MHz; -14.00 dBm.  
 LO IN: 1530 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -21.89 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	39	20	38	21	38	33	59	39	48
1	-	25	+0	43	17	50	20	39	42	38	38	45
2	64	56	46	61	55	60	68	54	42	65	47	53
3	>90	72	52	62	47	60	58	66	50	56	72	56
4	>90	73	76	>78	71	70	>78	>78	77	67	66	>78
5	>90	>78	75	>78	>78	78	71	>78	>78	>78	70	73
6	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>90	>78	>78	>78	>78	>78	>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: 1500 MHz; -4.00 dBm.  
 LO IN: 1530 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -11.74 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.