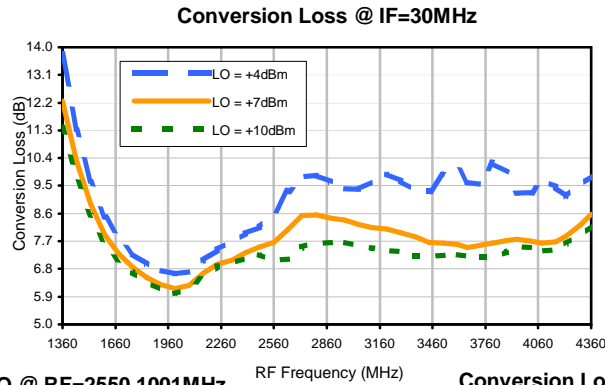
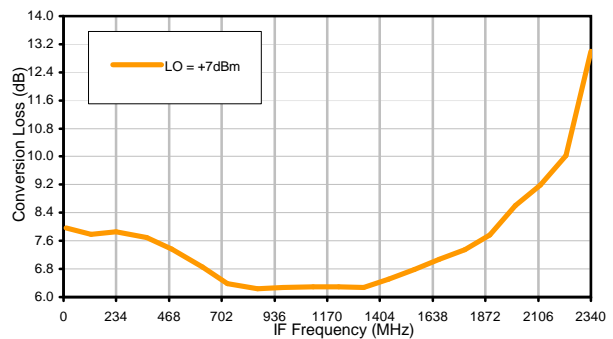
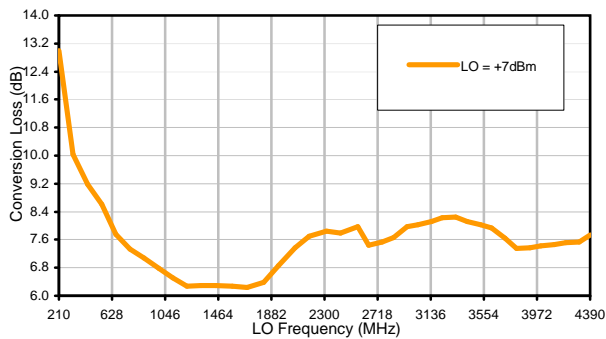


## Typical Performance Curves



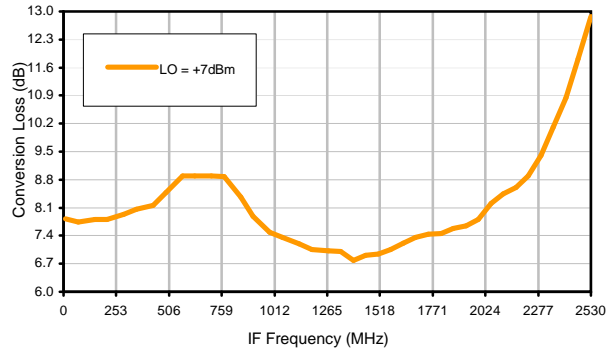
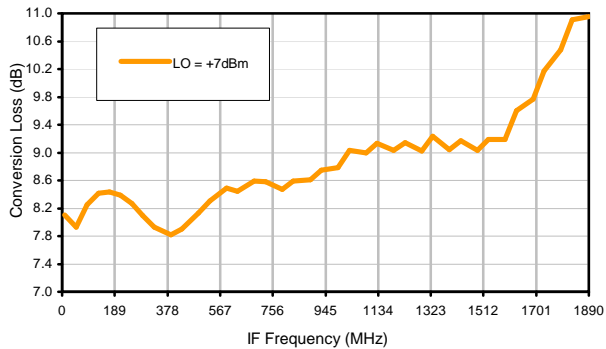
Conversion Loss vs. LO @ RF=2550.1001MHz

Conversion Loss vs. IF @ RF=2550.1001MHz



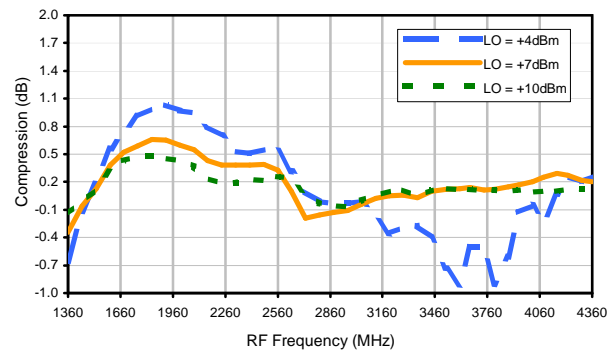
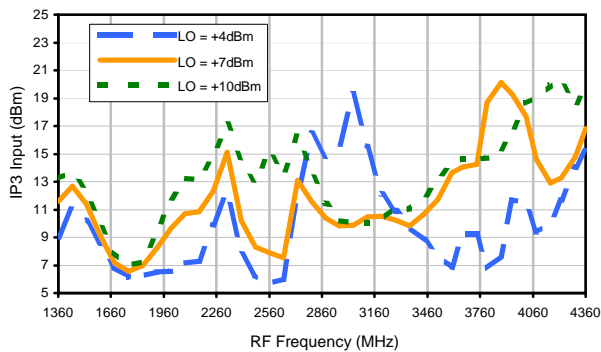
Conversion Loss vs. IF @ RF=1600.1MHz

Conversion Loss vs. IF @ RF=3500.1001MHz



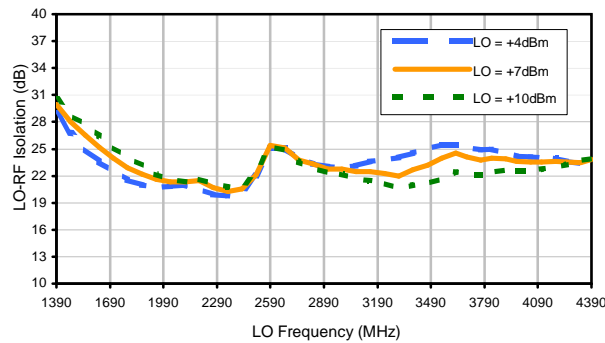
IP3 Input

Compression @ RF IN=+1dBm

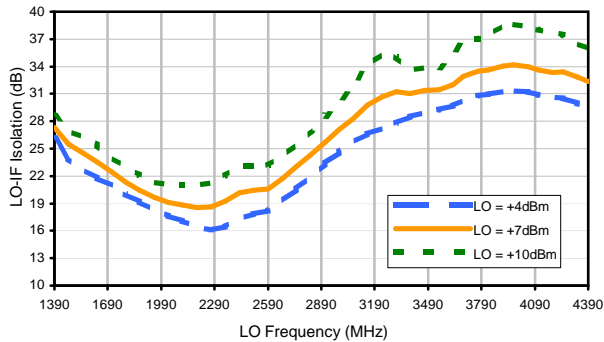


## Typical Performance Curves

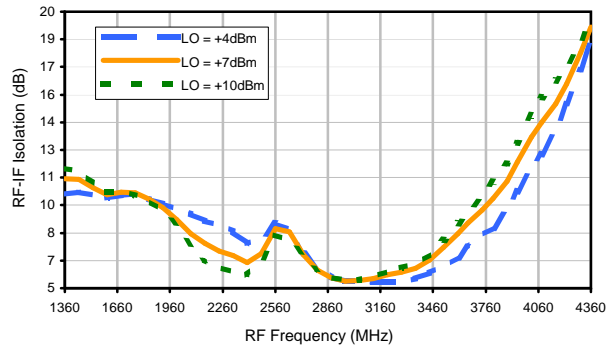
### LO-RF Isolation



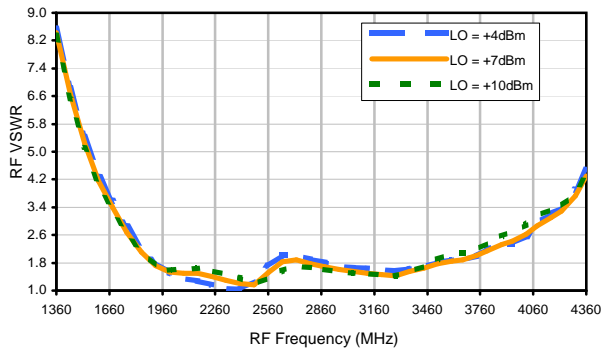
### LO-IF Isolation



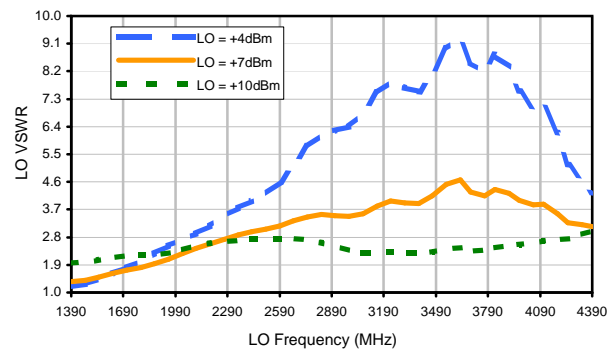
### RF-IF Isolation



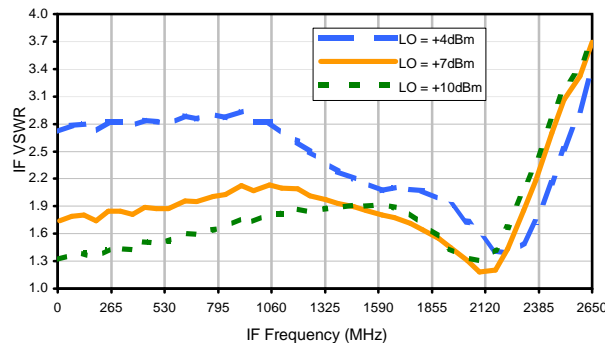
### RF VSWR



### LO VSWR



### IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+8	6	6	15	22	32	34	51	33	---
1	-	+0	+0	16	26	35	42	50	48	55	68	55
2	80	40	32	36	37	47	55	45	67	58	59	>68
3	>90	66	>68	54	51	53	63	>68	>68	>68	>68	>68
4	>90	>68	>68	>68	>68	61	>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	---	---	>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: 2550.1 MHz; -14.00 dBm.  
 LO IN: 2580.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -22.01 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	17	16	26	34	40	51	58	45	---
1	-	+0	+0	18	28	38	43	48	53	54	70	63
2	59	33	24	34	30	43	59	44	56	62	56	>78
3	>90	47	57	40	34	38	52	61	60	>78	69	>78
4	>90	58	63	52	46	43	60	67	64	59	>78	68
5	>90	74	66	67	66	52	52	55	66	>78	74	>78
6	>90	>78	73	72	73	66	63	52	66	74	77	69
7	>90	>78	>78	>78	>78	>78	75	64	>78	72	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	63	73	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	75	74	>78
10	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78	76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 2550.1 MHz; -4.00 dBm.  
 LO IN: 2580.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -11.97 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.

