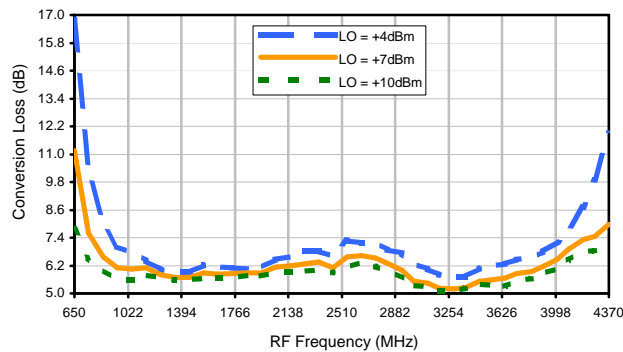
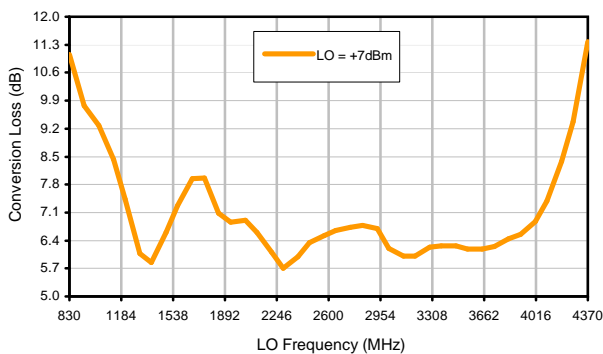


## Typical Performance Curves

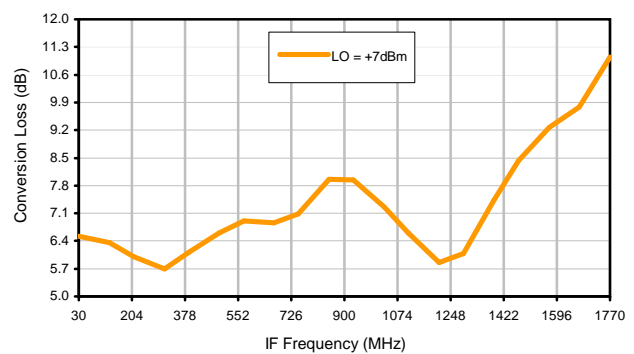
Conversion Loss @ IF=30MHz



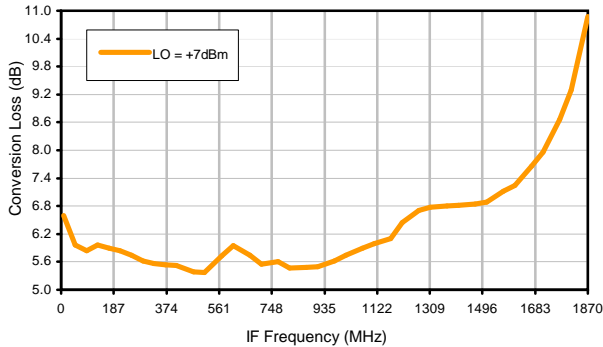
Conversion Loss vs. LO @ RF=2600MHz



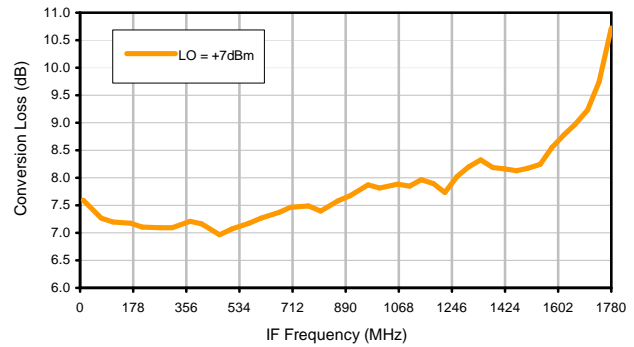
Conversion Loss vs. IF @ RF=2600MHz



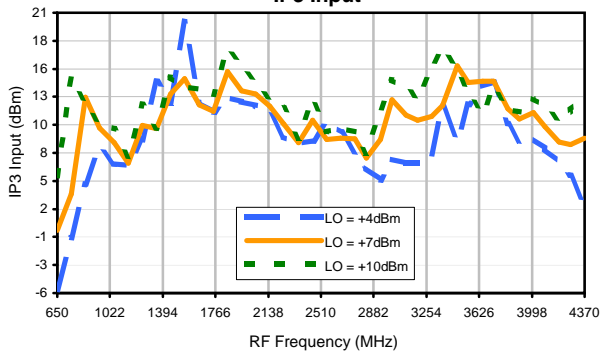
Conversion Loss vs. IF @ RF=989.9MHz



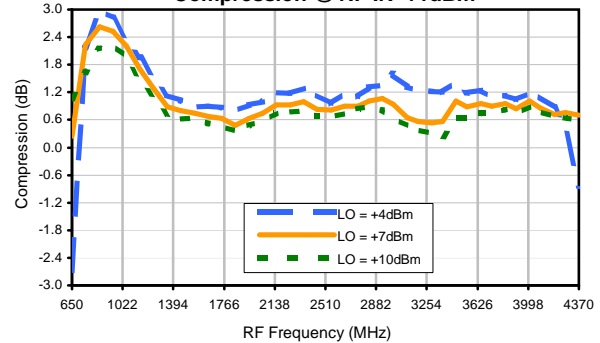
Conversion Loss vs. IF @ RF=4210.1MHz



IP3 Input

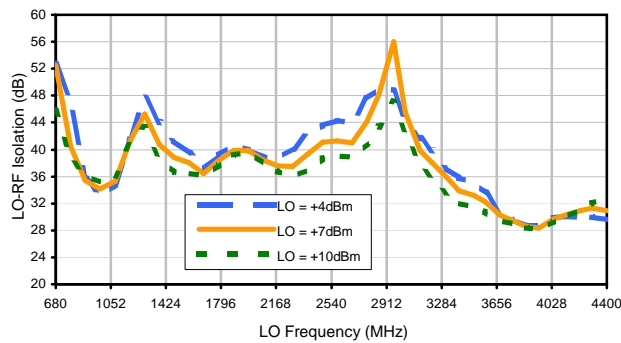


Compression @ RF IN=+1dBm

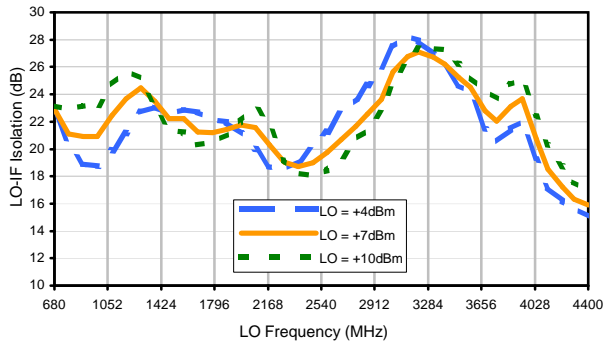


## Typical Performance Curves

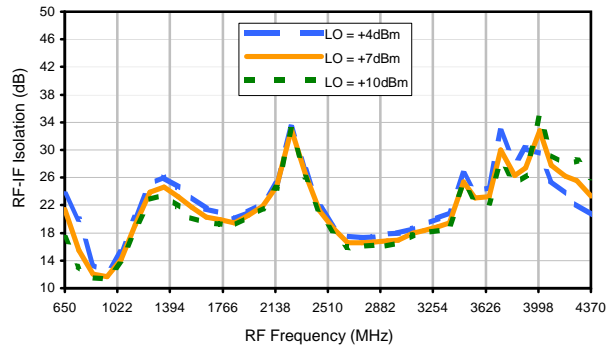
LO-RF Isolation



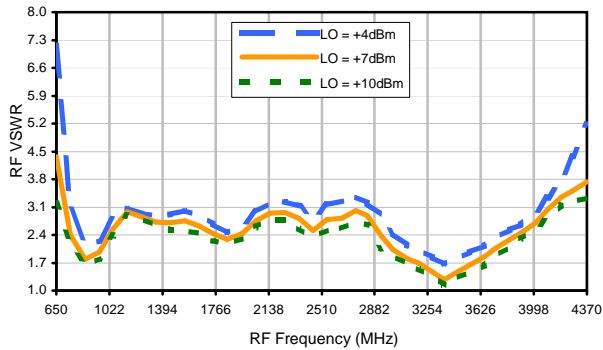
LO-IF Isolation



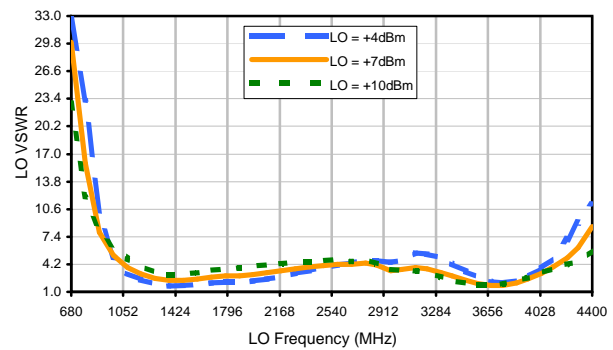
RF-IF Isolation



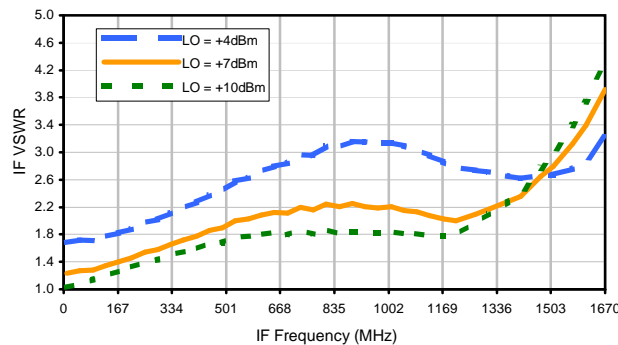
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+8	19	2	25	21	38	41	50	65	---
1	-	11	+0	23	21	36	36	48	44	58	51	>69
2	89	43	49	45	57	48	45	61	52	58	65	>69
3	>90	61	53	68	57	61	62	63	>69	>69	69	>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	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 2600 MHz; -14.00 dBm.  
 LO IN: 2630 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -20.72 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	32	13	39	38	46	52	60	71	---
1	-	10	+0	25	21	52	41	60	54	65	73	>79
2	70	36	40	42	46	46	39	54	48	67	65	67
3	>90	40	31	50	37	42	49	52	55	65	65	70
4	>90	73	61	57	63	51	59	59	58	75	62	69
5	>90	69	>79	63	52	79	52	65	60	>79	>79	77
6	>90	>79	>79	>79	>79	72	77	66	65	74	66	>79
7	>90	>79	>79	>79	>79	>79	68	>79	65	77	76	>79
8	>90	>79	>79	>79	>79	>79	>79	79	>79	73	78	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 2600 MHz; -4.00 dBm.  
 LO IN: 2630 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -10.75 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.