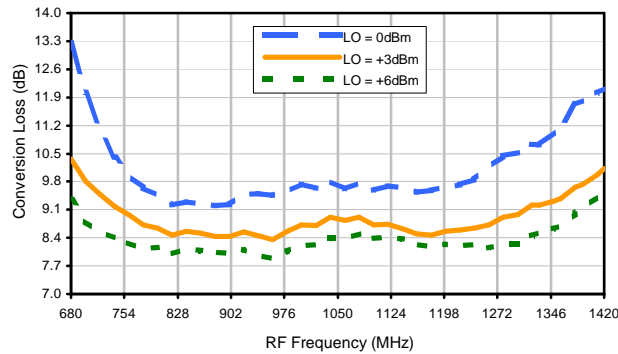
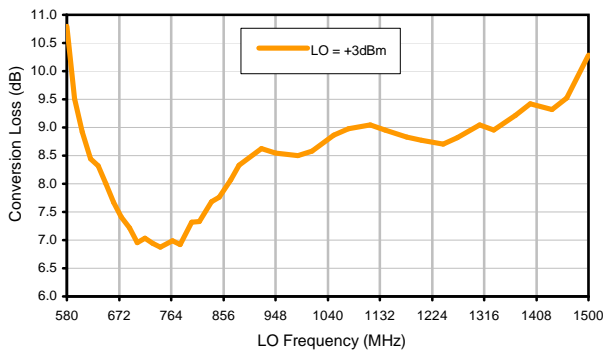


## Typical Performance Curves

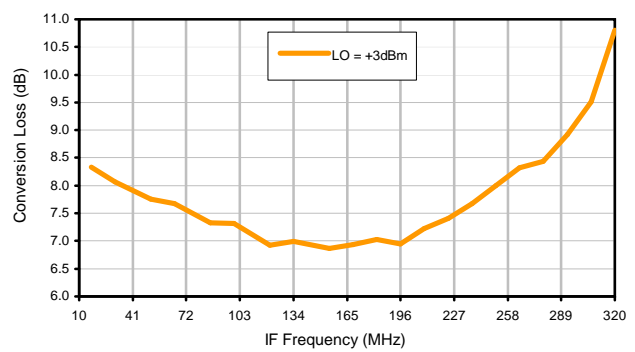
Conversion Loss @ IF=30MHz



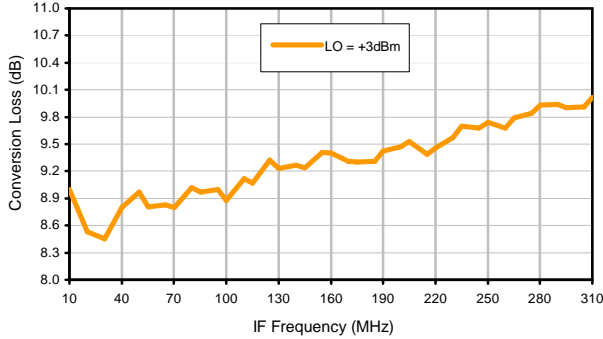
Conversion Loss vs. LO @ RF=900MHz



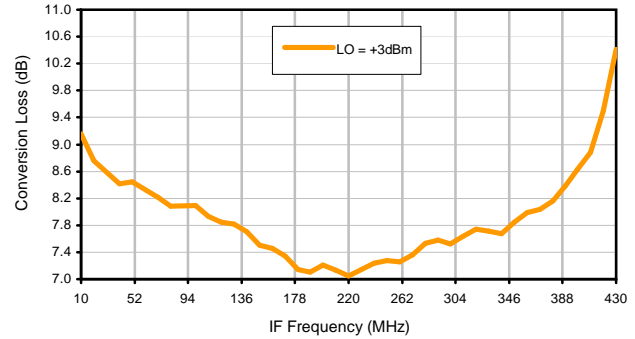
Conversion Loss vs. IF @ RF=900MHz



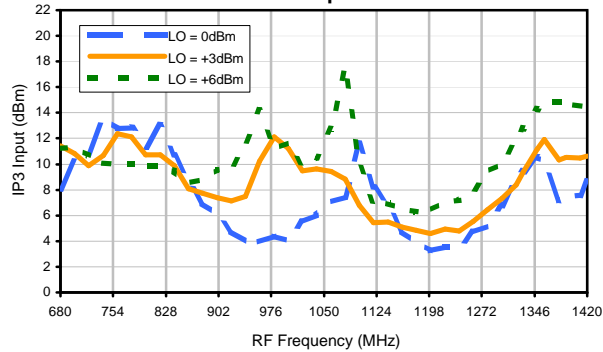
Conversion Loss vs. IF @ RF=789.9MHz



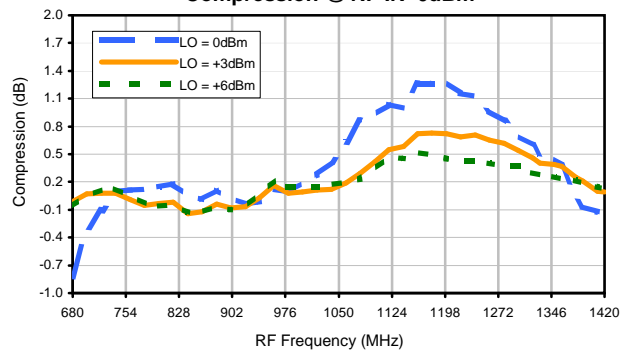
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

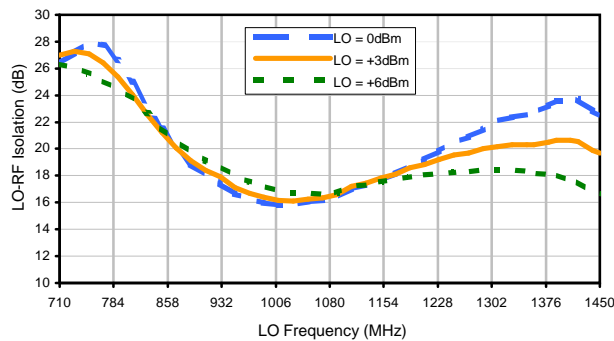


Compression @ RF IN=0dBm

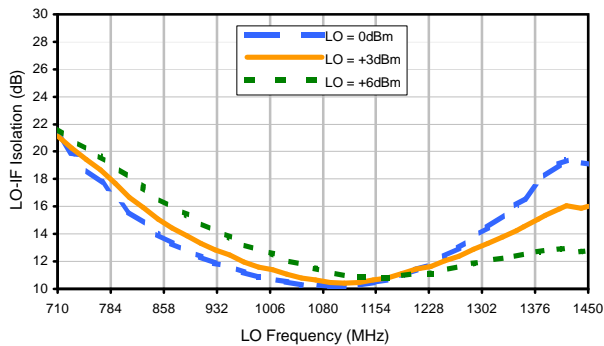


## Typical Performance Curves

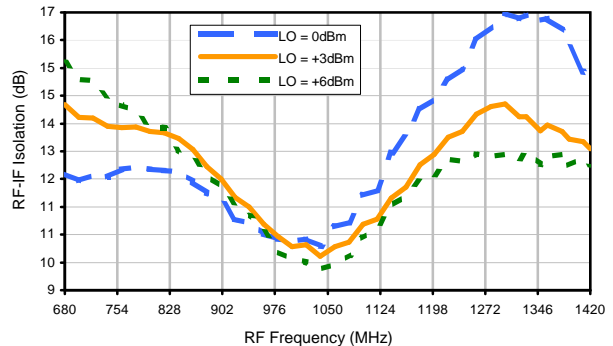
### LO-RF Isolation



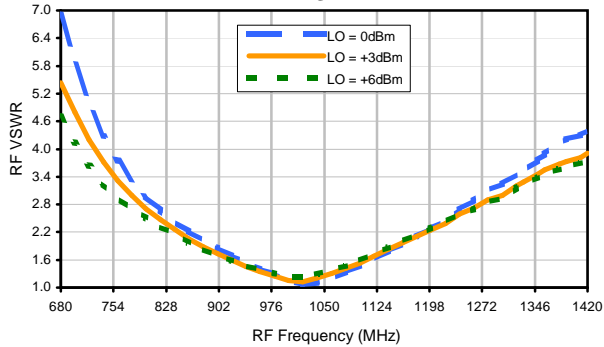
### LO-IF Isolation



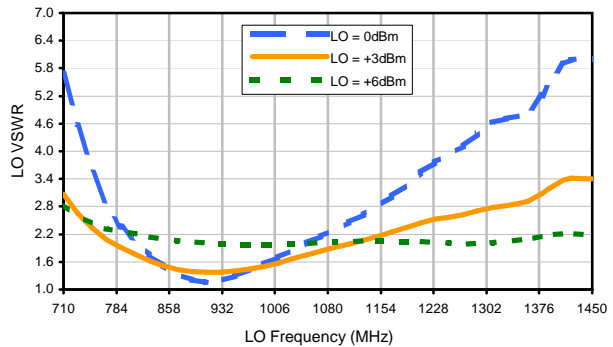
### RF-IF Isolation



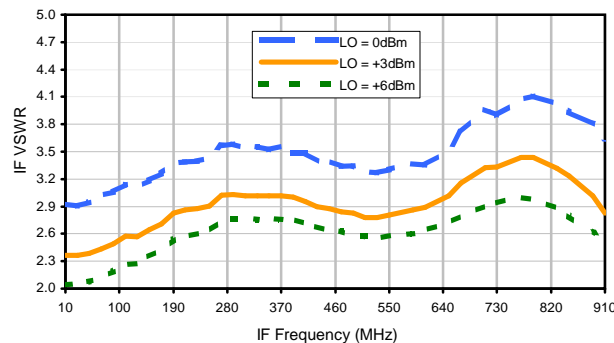
### RF VSWR



### LO VSWR



### IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+14	8	15	30	17	21	19	30	24	32
1	-	3	+0	12	20	32	39	36	35	33	35	37
2	>90	36	30	43	44	47	49	55	49	45	50	51
3	>90	57	53	44	48	49	50	65	>66	59	62	60
4	>90	>66	>66	>66	60	65	60	66	>66	>66	>66	>66
5	>90	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66
6	>90	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66
7	>90	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66
8	>90	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66
9	>90	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66
10	>90	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66	>66
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; -15.00 dBm.  
 LO IN: 930 MHz; +3.00 dBm  
 IF OUT: 30 MHz; -23.67 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	22	29	38	29	34	35	46	45	53
1	-	2	+0	17	21	39	44	42	42	42	43	52
2	70	31	23	29	39	51	42	52	50	45	45	54
3	>90	44	53	31	40	35	42	57	61	56	55	49
4	>90	63	57	54	46	45	52	50	65	62	71	58
5	>90	56	76	73	60	50	50	55	56	64	>77	66
6	>90	75	67	>77	71	67	53	61	61	64	72	>77
7	>90	73	75	75	>77	>77	66	73	65	66	72	>77
8	>90	>77	>77	>77	76	>77	>77	>77	63	65	69	>77
9	>90	>77	>77	>77	>77	>77	>77	>77	>77	71	>77	>77
10	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; -5.00 dBm.  
 LO IN: 930 MHz; +3.00 dBm  
 IF OUT: 30 MHz; -13.33 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.