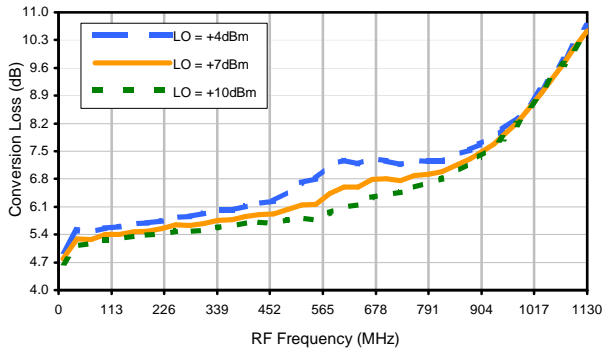
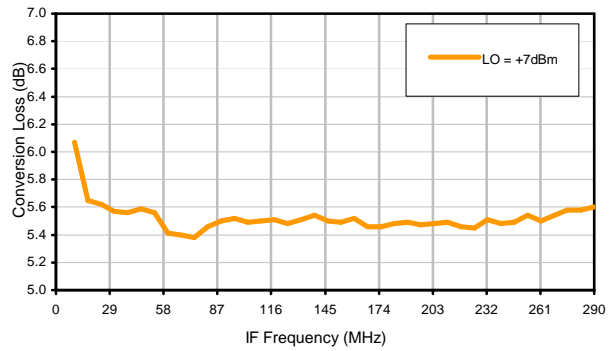


## Typical Performance Curves

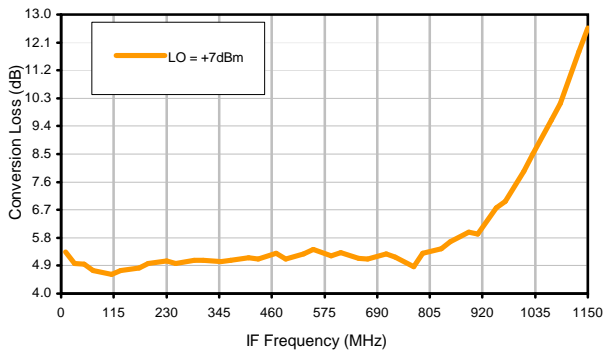
Conversion Loss @ IF=30MHz



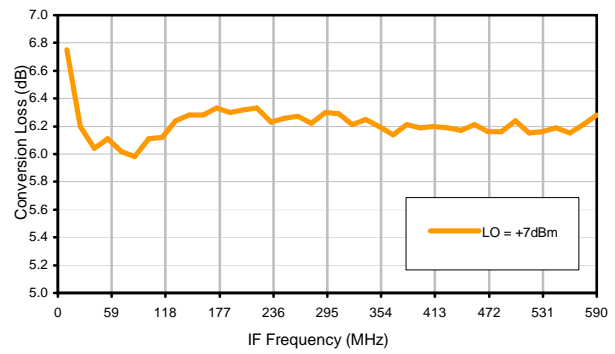
Conversion Loss vs. IF @ RF=300.1MHz



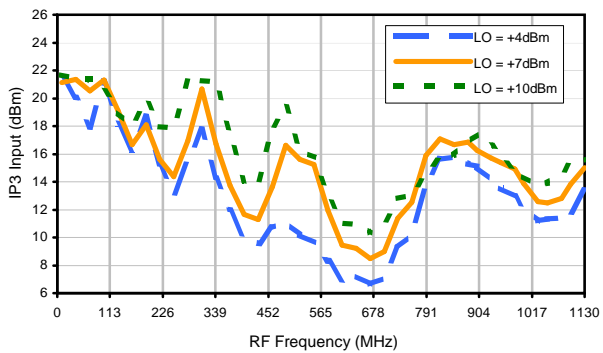
Conversion Loss vs. IF @ RF=10.1MHz



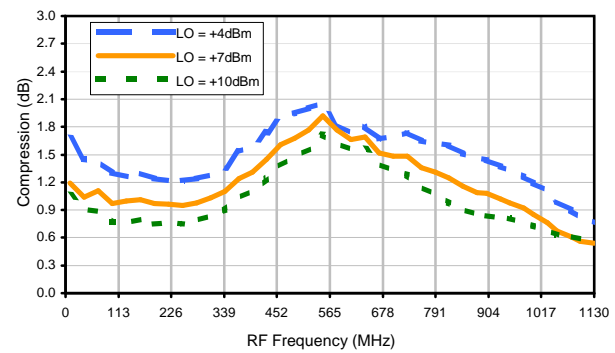
Conversion Loss vs. IF @ RF=600.1MHz



IP3 Input

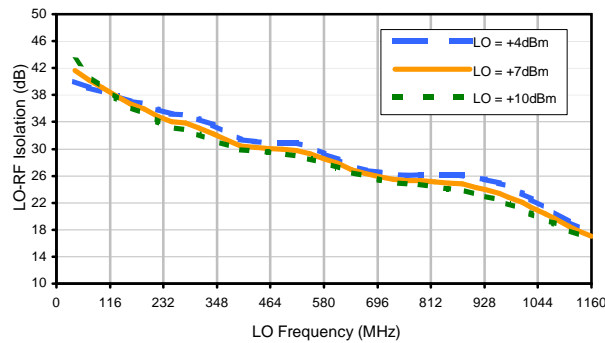


Compression @ RF IN=+1dBm

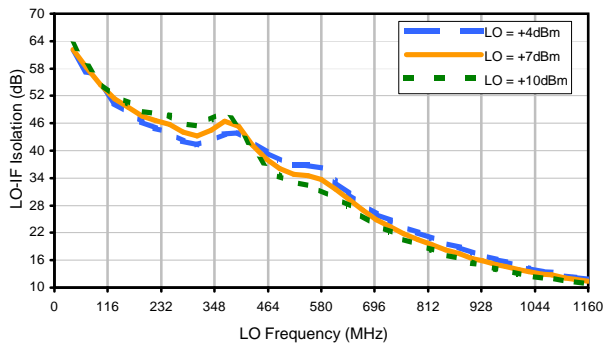


## Typical Performance Curves

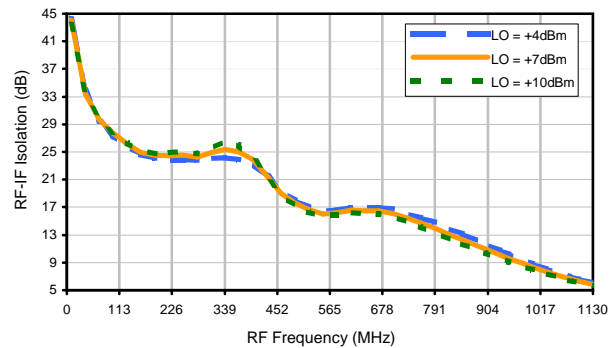
LO-RF Isolation



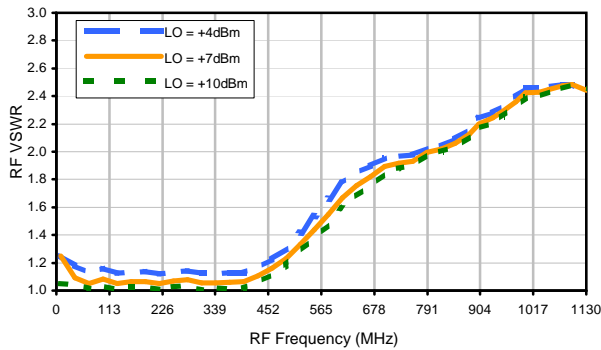
LO-IF Isolation



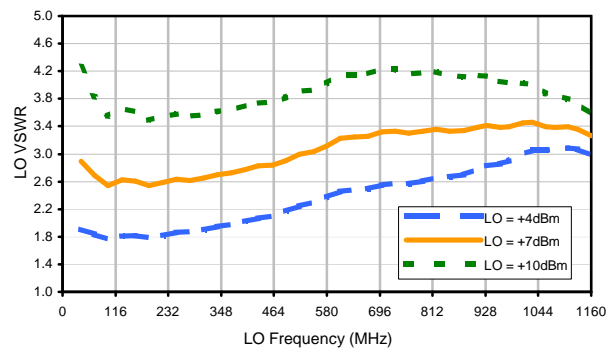
RF-IF Isolation



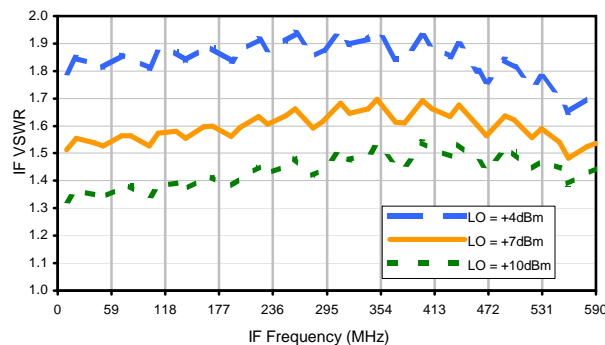
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	9	14	34	19	29	27	36	34	45
1	-	19	+0	30	11	29	25	38	36	43	43	51
2	>90	57	60	59	64	55	56	61	59	68	62	60
3	>90	62	69	65	62	69	59	>70	>70	>70	70	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 300.1 MHz; -14.00 dBm.  
 LO IN: 330.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -19.78 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	27	19	25	54	29	43	40	48	51	62
1	-	20	+0	29	12	33	27	44	37	49	49	55
2	73	46	47	54	50	47	46	64	57	55	55	62
3	>90	41	41	47	42	59	42	50	49	53	55	58
4	>90	66	63	55	77	53	77	55	64	67	64	66
5	>90	64	60	65	50	67	50	66	51	64	65	72
6	>90	79	>80	70	74	65	74	65	74	61	69	72
7	>90	>80	80	80	69	75	68	77	66	77	61	70
8	>90	>80	>80	>80	>80	77	>80	75	>80	76	>80	>80
9	>90	>80	>80	>80	>80	>80	76	>80	79	>80	79	>80
10	>90	>80	>80	>80	>80	>80	>80	79	>80	79	>80	78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 300.1 MHz; -4.00 dBm.  
 LO IN: 330.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -9.78 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.