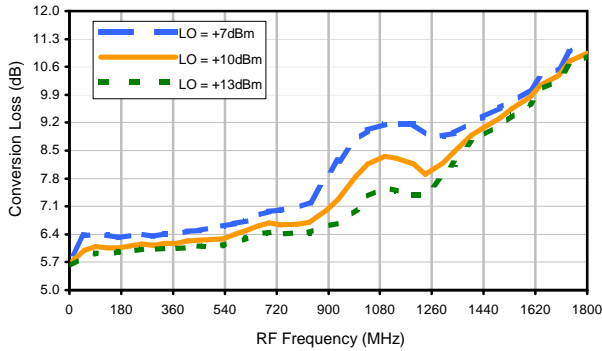
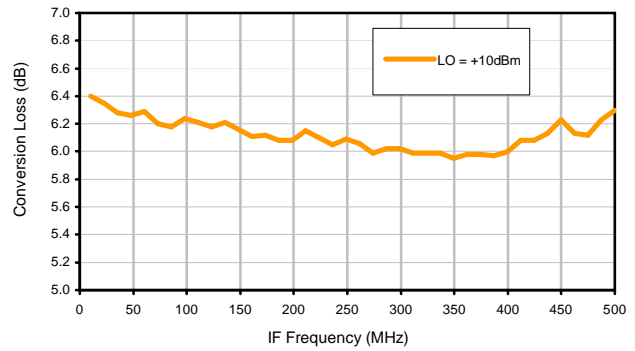


## Typical Performance Curves

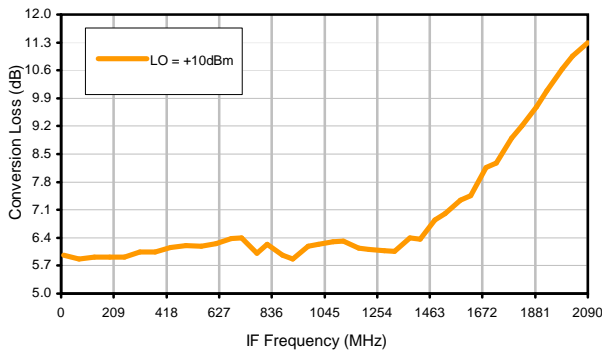
### Conversion Loss @ IF=30MHz



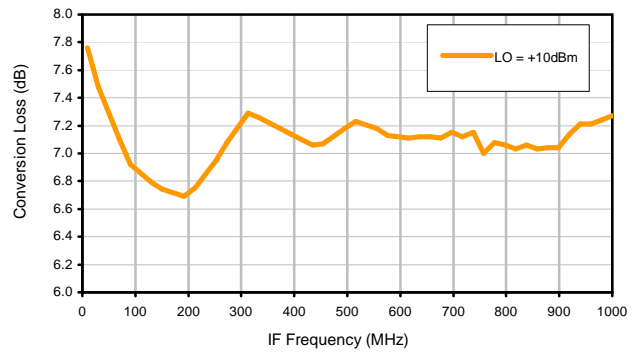
### Conversion Loss vs. IF @ RF=510.1MHz



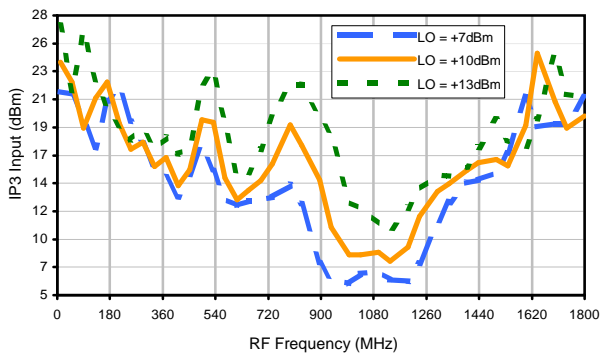
### Conversion Loss vs. IF @ RF=10.1MHz



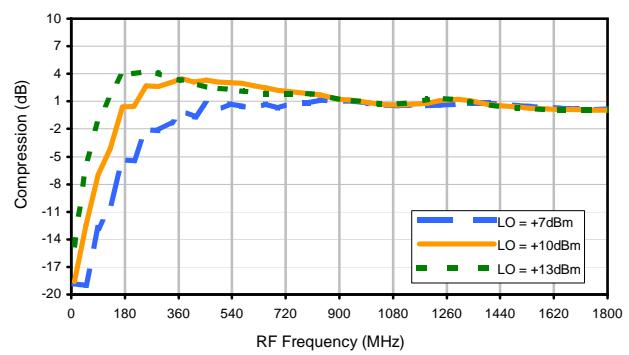
### Conversion Loss vs. IF @ RF=1010.1MHz



### IP3 Input

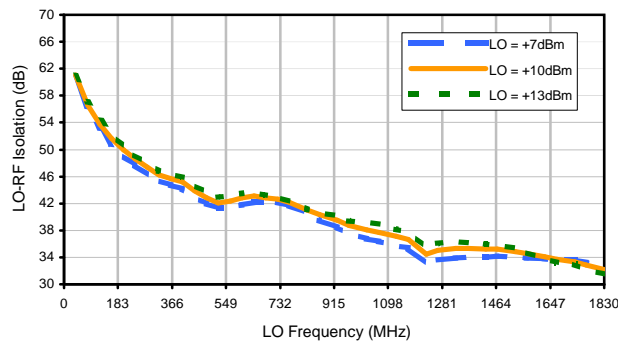


### Compression @ RF IN=+5dBm

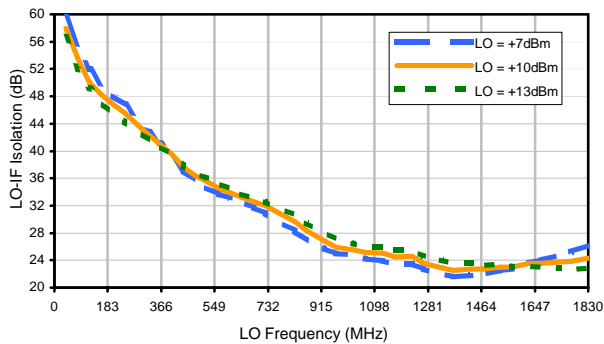


## Typical Performance Curves

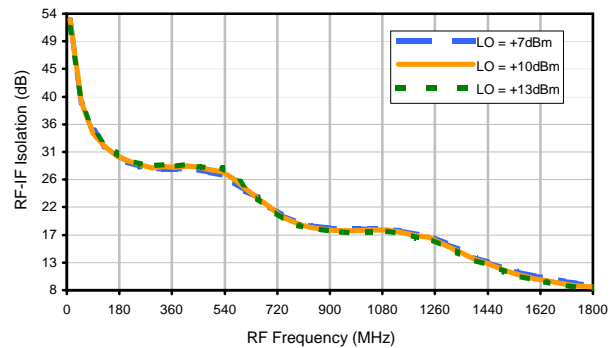
LO-RF Isolation



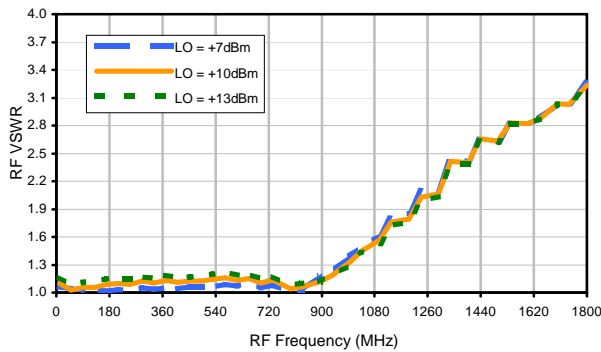
LO-IF Isolation



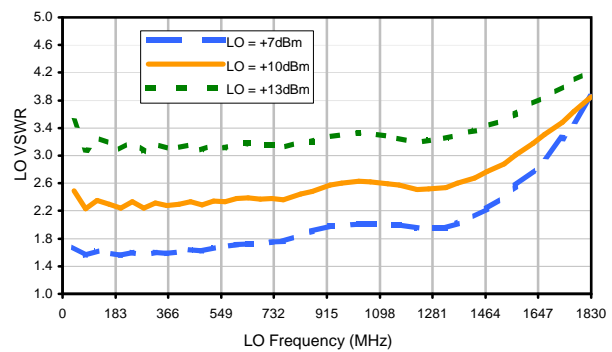
RF-IF Isolation



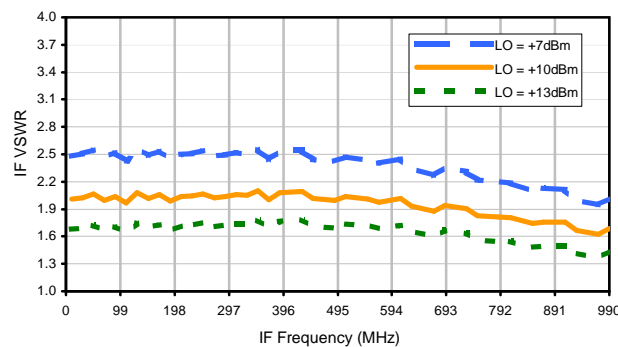
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	24	12	29	15	33	17	49	32	47
1	-	22	+0	34	11	40	22	40	44	35	36	43
2	84	66	48	63	49	66	49	63	55	70	53	64
3	>90	67	65	69	62	70	59	69	68	>74	68	>74
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
8	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 500 MHz; -10.00 dBm.  
 LO IN: 530 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -16.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	34	23	42	26	44	31	57	51	64
1	-	23	+0	31	12	40	23	44	42	41	46	51
2	65	67	41	60	41	61	43	53	48	57	44	71
3	>90	51	42	54	51	61	41	78	52	56	56	49
4	>90	73	63	68	58	66	59	70	55	71	67	70
5	>90	66	67	64	52	64	51	61	50	59	58	72
6	>90	>84	>84	>84	71	>84	67	77	64	76	66	78
7	>90	>84	>84	>84	74	>84	75	>84	77	>84	69	81
8	>90	>84	>84	>84	>84	>84	81	>84	76	>84	74	>84
9	>90	>84	>84	>84	>84	>84	79	>84	76	>84	78	83
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 500 MHz; 0.00 dBm.  
 LO IN: 530 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -6.31 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.