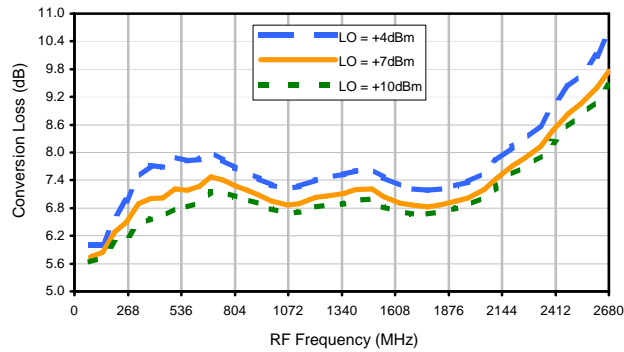
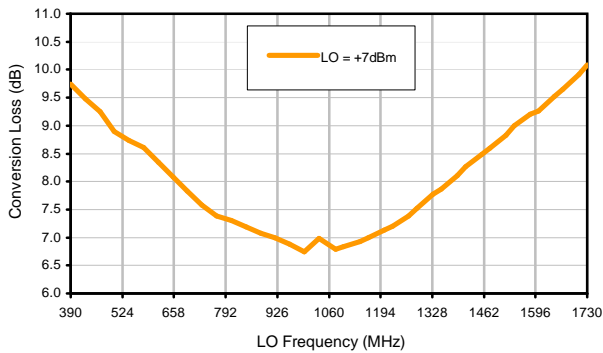


## Typical Performance Curves

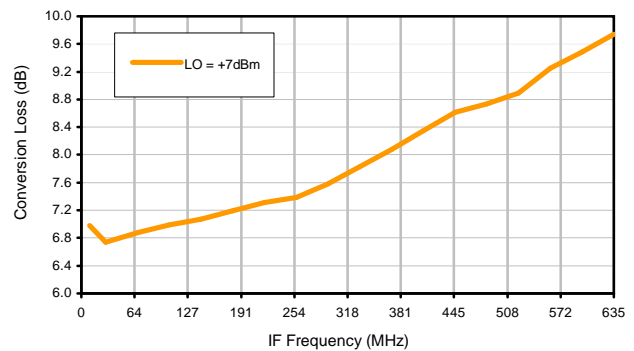
Conversion Loss @ IF=70MHz



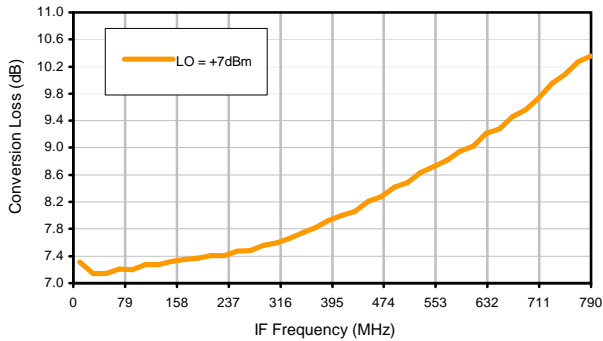
Conversion Loss vs. LO @ RF=1025MHz



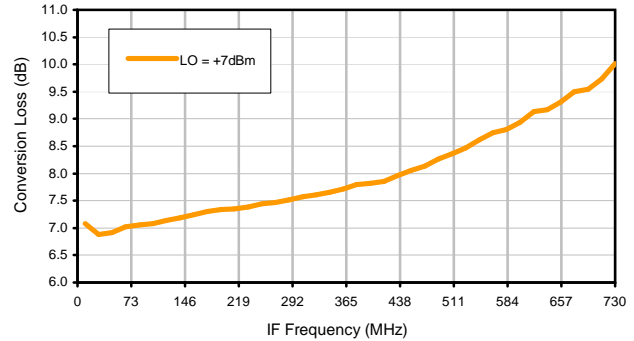
Conversion Loss vs. IF @ RF=1025MHz



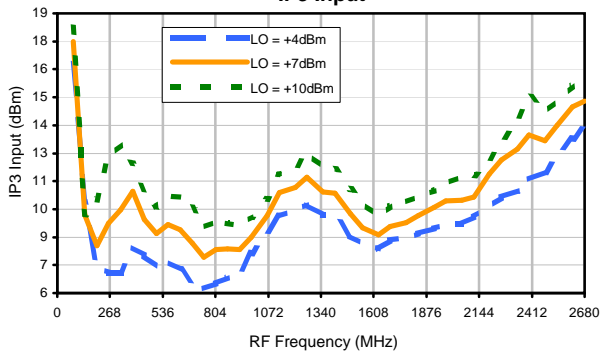
Conversion Loss vs. IF @ RF=789.9MHz



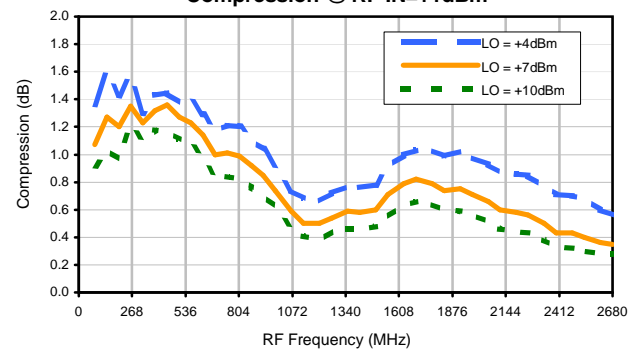
Conversion Loss vs. IF @ RF=1260.1MHz



IP3 Input

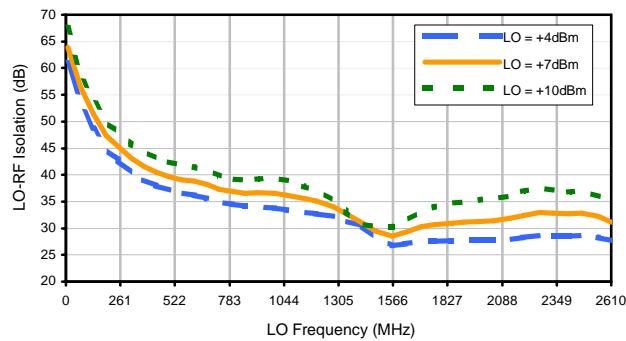


Compression @ RF IN=+1dBm

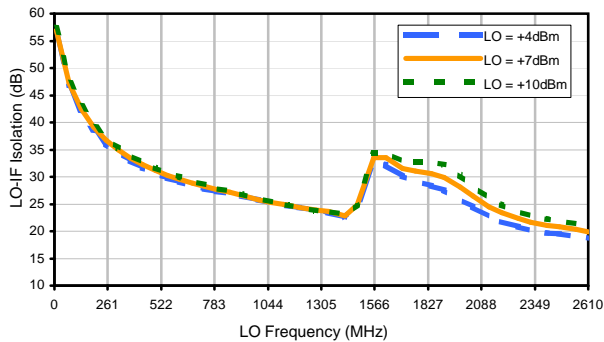


## Typical Performance Curves

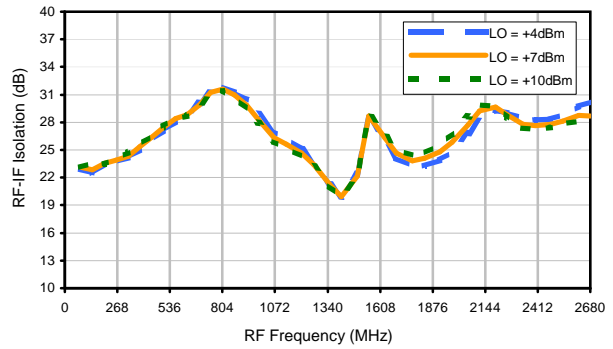
LO-RF Isolation



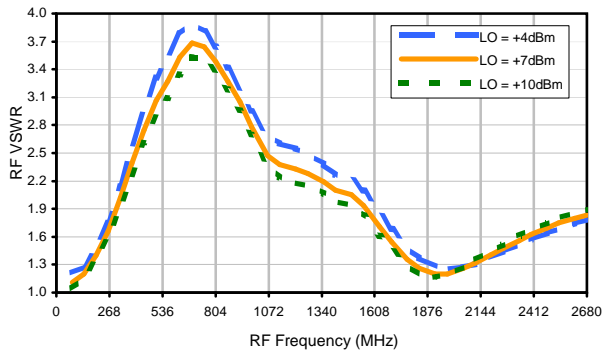
LO-IF Isolation



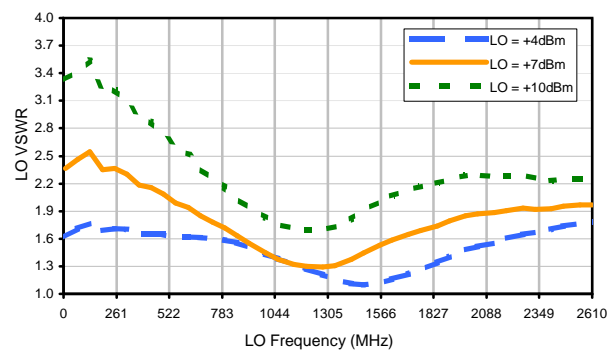
RF-IF Isolation



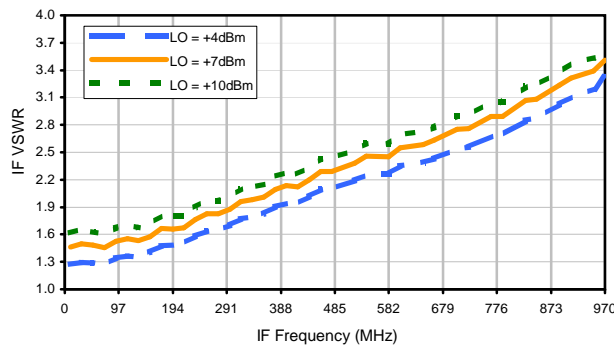
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	37	17	24	22	36	45	44	46	49
1	-	18	+0	41	25	35	30	34	40	52	48	56
2	87	55	61	47	66	63	57	60	56	65	>69	68
3	>90	>69	61	>69	56	>69	>69	>69	67	68	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	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1025 MHz; -14.00 dBm.  
 LO IN: 955 MHz; +7.00 dBm  
 IF OUT: 70 MHz; -21.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	46	27	36	35	50	59	65	66	67
1	-	18	+0	39	25	39	32	38	46	59	59	69
2	66	50	49	42	59	59	52	56	51	62	78	67
3	>90	50	42	59	38	60	59	55	52	53	57	70
4	>90	70	76	64	73	57	69	>79	69	69	65	71
5	>90	>79	74	74	62	77	55	71	74	73	65	68
6	>90	>79	>79	>79	>79	77	>79	68	>79	>79	>79	>79
7	>90	>79	>79	>79	>79	>79	78	>79	69	>79	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>90	>79	>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: 1025 MHz; -4.00 dBm.  
 LO IN: 955 MHz; +7.00 dBm  
 IF OUT: 70 MHz; -11.21 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.