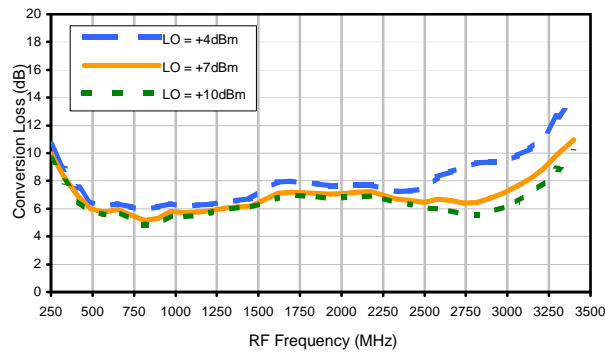
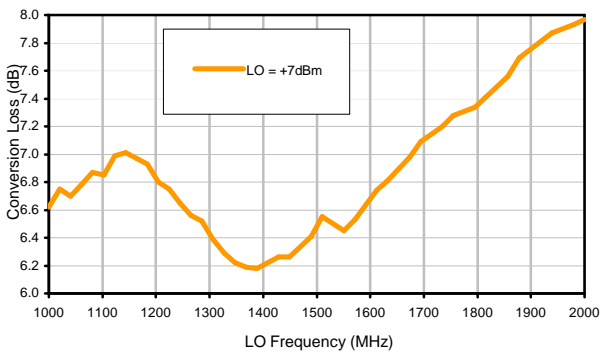


## Typical Performance Curves

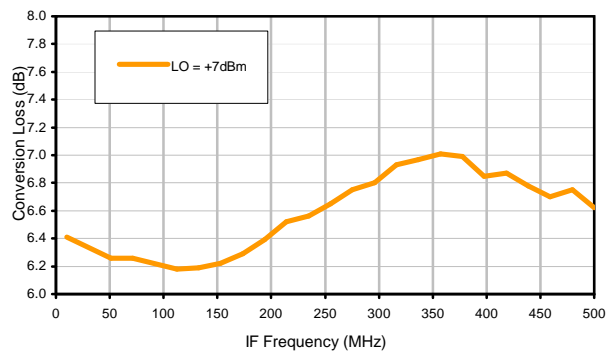
Conversion Loss @ IF=30MHz



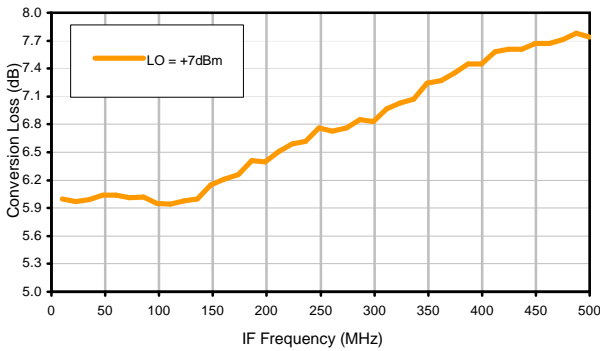
Conversion Loss vs. LO @ RF=1500.1MHz



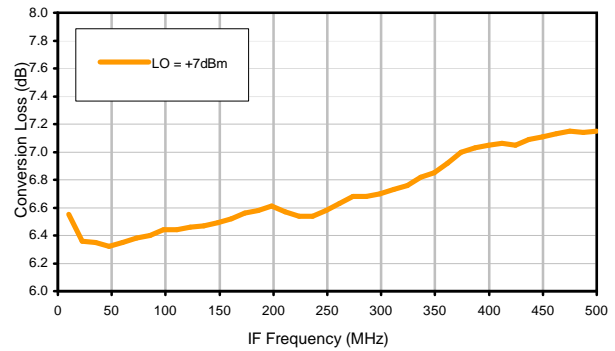
Conversion Loss vs. IF @ RF=1500.1MHz



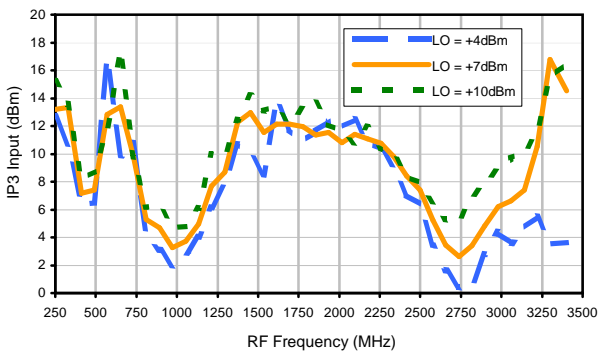
Conversion Loss vs. IF @ RF=500.1MHz



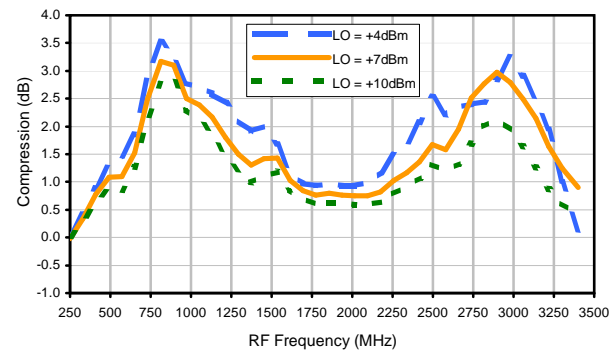
Conversion Loss vs. IF @ RF=2500.1MHz



IP3 Input

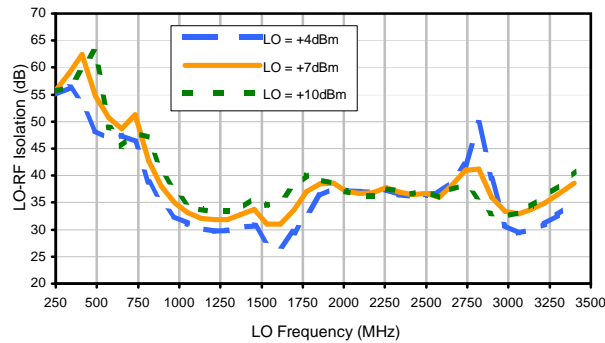


Compression @ RF IN=+1dBm

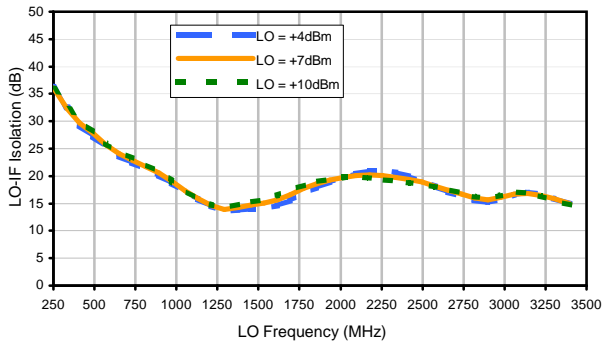


## Typical Performance Curves

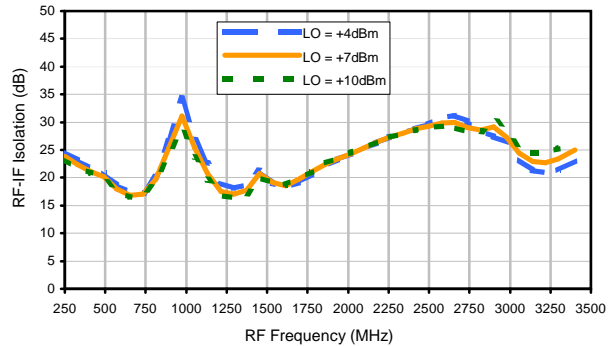
LO-RF Isolation



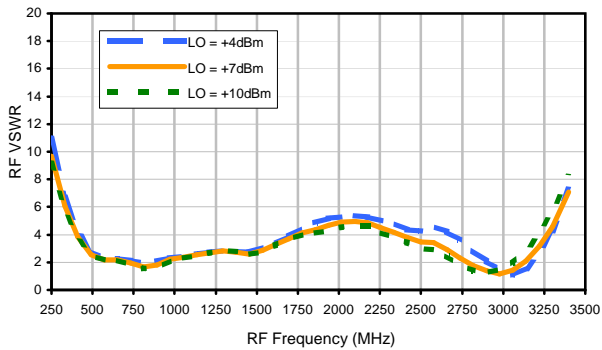
LO-IF Isolation



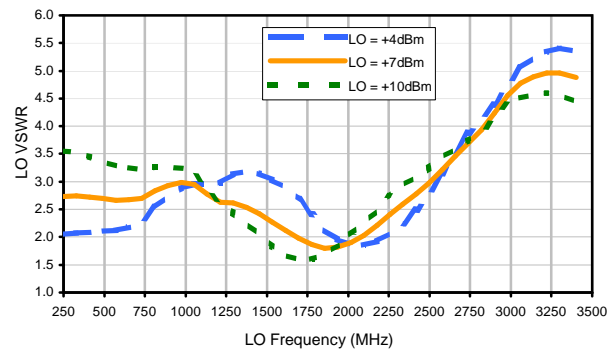
RF-IF Isolation



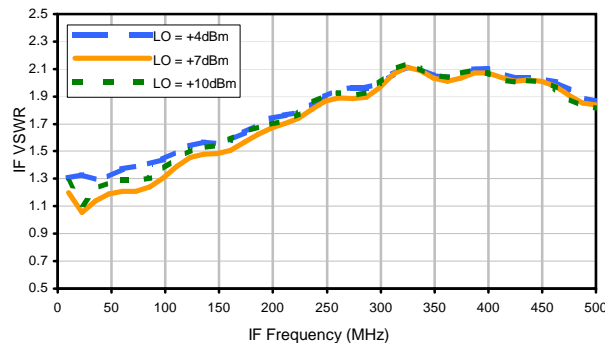
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	26	14	30	13	34	29	33	31	47
1	-	15	+0	28	32	37	43	41	44	46	48	39
2	99	57	62	45	55	73	56	66	48	59	55	61
3	>100	68	77	62	63	77	>79	78	79	70	75	>79
4	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
5	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>100	>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: 1500.1 MHz; -14.00 dBm.  
 LO IN: 1530.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -20.92 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	37	25	43	26	52	46	54	52	58
1	-	14	+0	28	31	37	45	44	49	52	54	53
2	82	46	56	39	48	78	50	59	43	56	51	59
3	>100	50	55	43	38	54	60	56	63	61	60	67
4	>100	79	82	73	64	56	65	69	67	70	59	65
5	>100	75	84	74	87	63	71	79	79	76	80	77
6	>100	84	81	>89	88	>89	71	78	81	83	80	82
7	>100	>89	>89	>89	>89	>89	>89	82	77	>89	86	>89
8	>100	>89	>89	>89	>89	>89	>89	>89	84	80	>89	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1500.1 MHz; -4.00 dBm.  
 LO IN: 1530.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -10.89 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.

