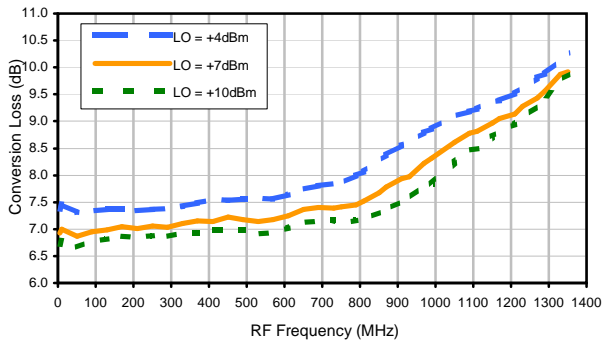
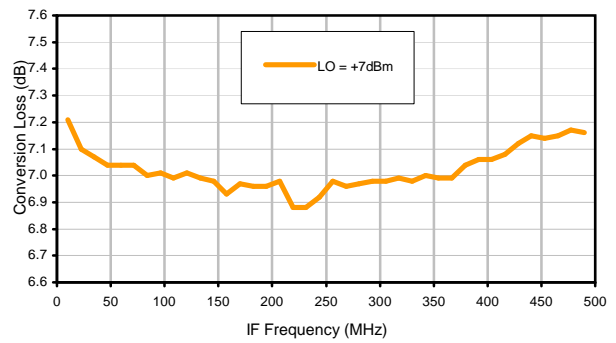


## Typical Performance Curves

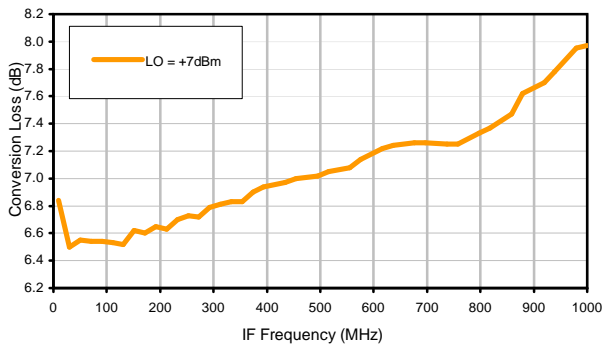
Conversion Loss @ IF=30MHz



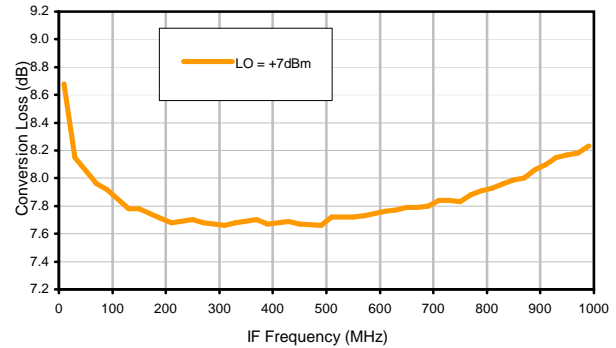
Conversion Loss vs. IF @ RF=500.1MHz



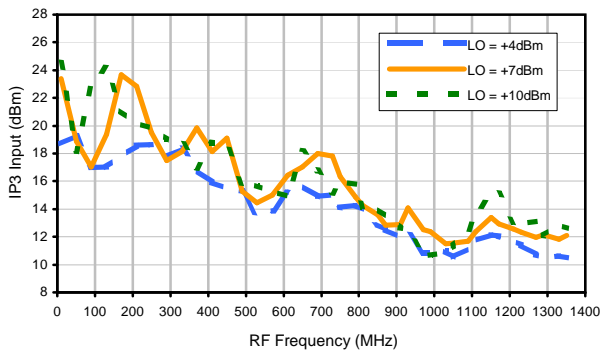
Conversion Loss vs. IF @ RF=10.1MHz



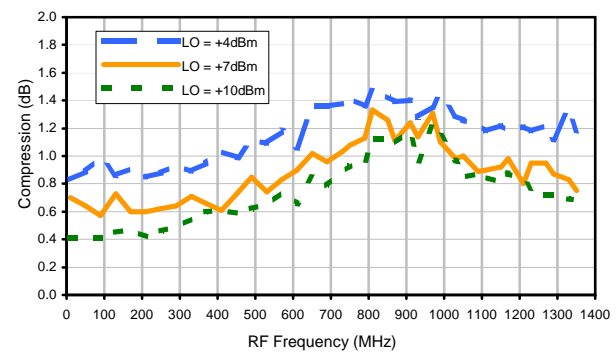
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

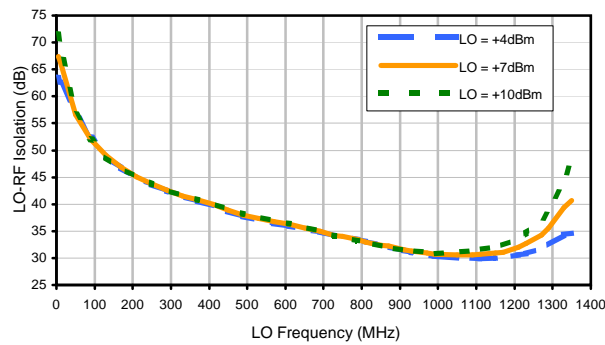


Compression @ RF IN=+1dBm

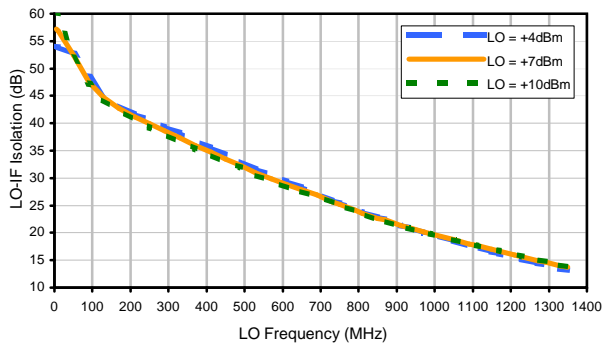


## Typical Performance Curves

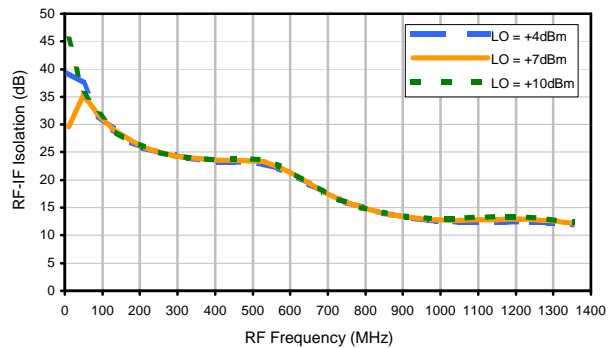
LO-RF Isolation



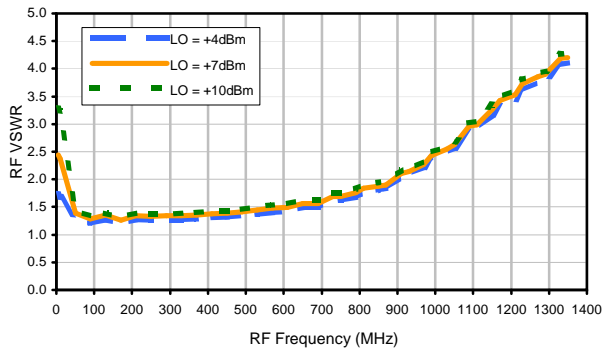
LO-IF Isolation



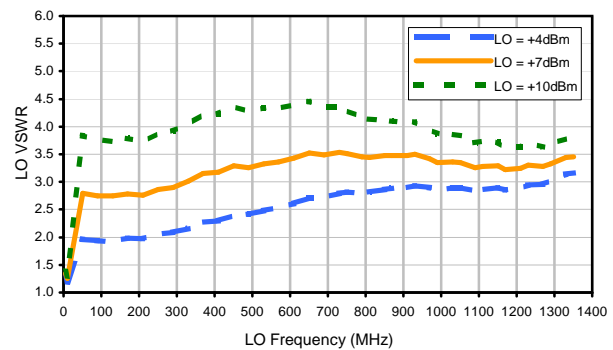
RF-IF Isolation



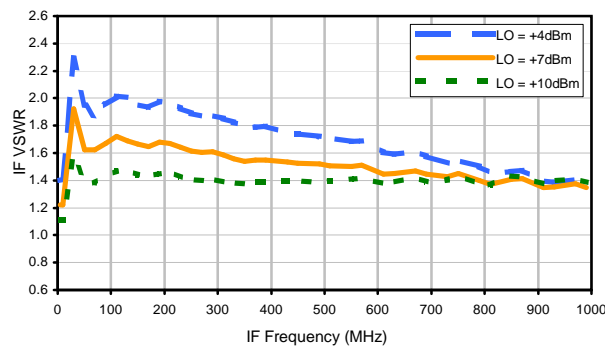
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	18	8	28	15	32	16	30	29	42
1	-	17	0	30	13	30	25	39	36	37	47	39
2	109	67	47	68	48	71	48	72	58	64	53	58
3	117	73	78	77	69	75	67	73	79	78	67	77
4	117	100	92	98	89	88	89	96	89	97	94	94
5	114	99	107	109	98	96	86	100	97	107	101	105
6	113	107	103	111	108	104	94	85	101	110	113	98
7	119	107	114	106	100	110	100	113	93	96	102	97
8	118	103	126	106	108	107	105	96	85	95	97	102
9	120	103	109	100	102	102	109	107	99	86	86	99
10	127	104	104	105	106	104	104	104	131	101	91	89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -14.00 dBm.  
 LO IN: 530.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -21.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	28	19	39	25	42	28	44	44	64
1	-	17	0	29	13	32	26	42	37	41	52	45
2	100	58	38	52	38	71	41	63	50	64	45	55
3	111	53	53	70	50	61	48	51	54	57	53	55
4	113	73	78	93	62	72	63	72	56	78	72	66
5	118	77	77	76	60	70	58	69	59	73	67	80
6	118	86	86	84	78	75	70	74	67	86	71	88
7	114	86	86	92	81	87	77	84	78	92	83	87
8	112	104	107	106	104	100	97	92	91	95	87	89
9	124	105	99	109	103	108	108	103	93	96	89	99
10	113	106	118	106	107	105	114	104	115	101	96	92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -4.00 dBm.  
 LO IN: 530.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -11.20 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.

REV. X2  
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