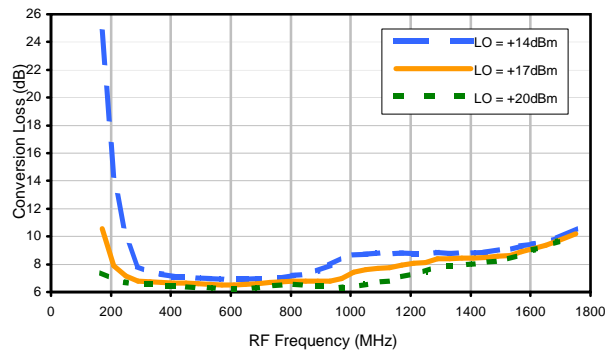
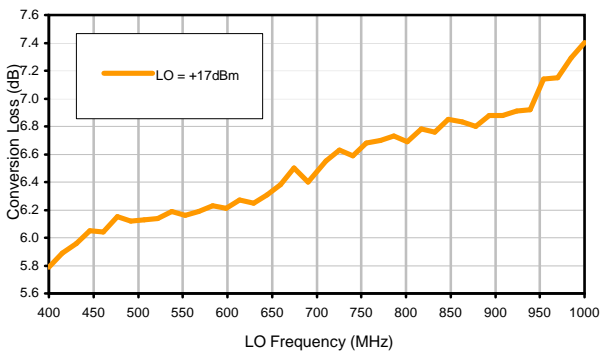


## Typical Performance Curves

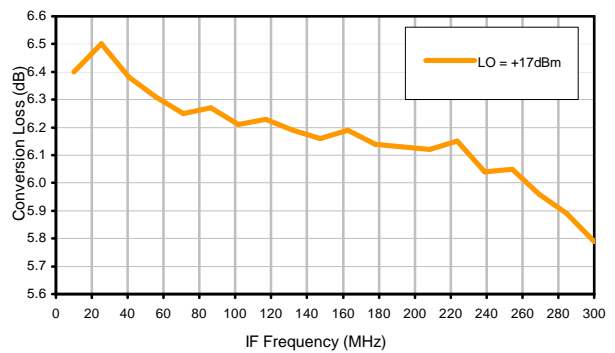
Conversion Loss @ IF=30MHz



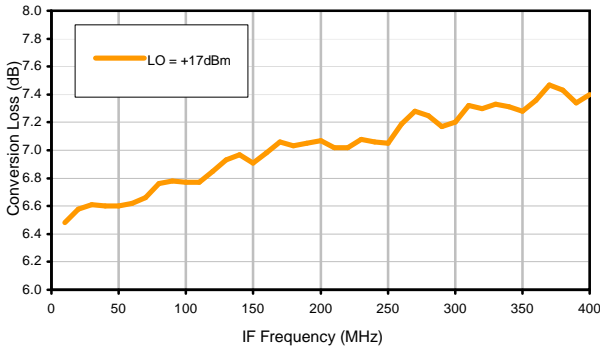
Conversion Loss vs. LO @ RF=700.1MHz



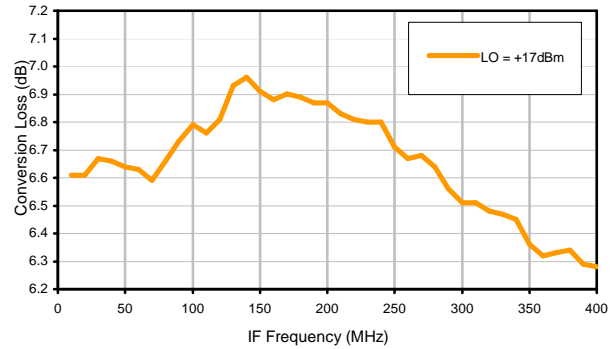
Conversion Loss vs. IF @ RF=700.1MHz



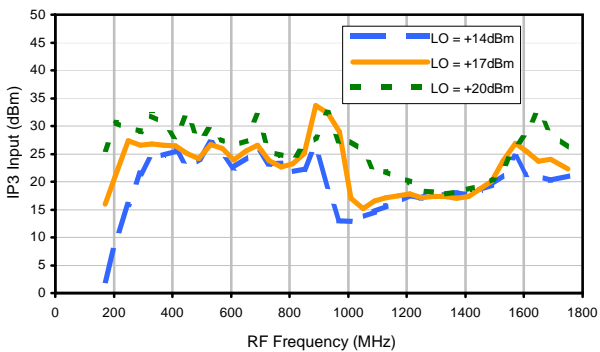
Conversion Loss vs. IF @ RF=400.1MHz



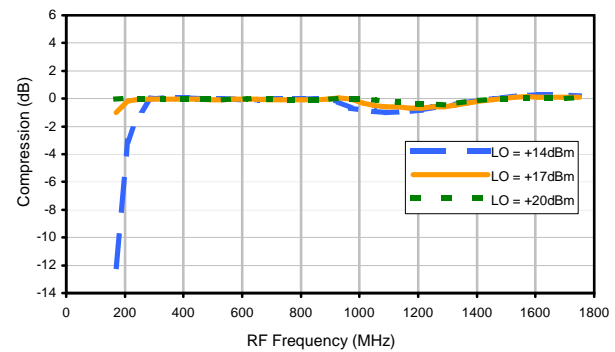
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

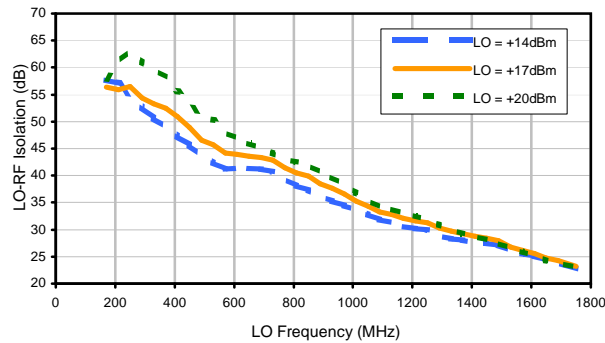


Compression @ RF IN=+10dBm

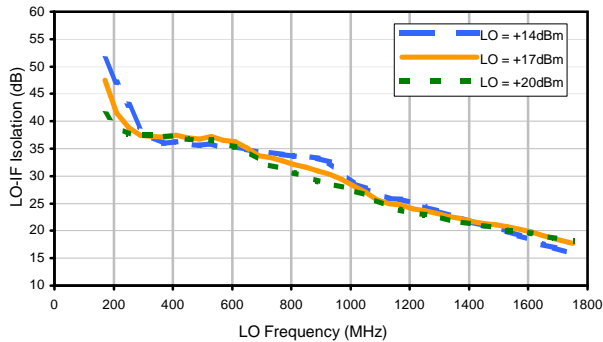


## Typical Performance Curves

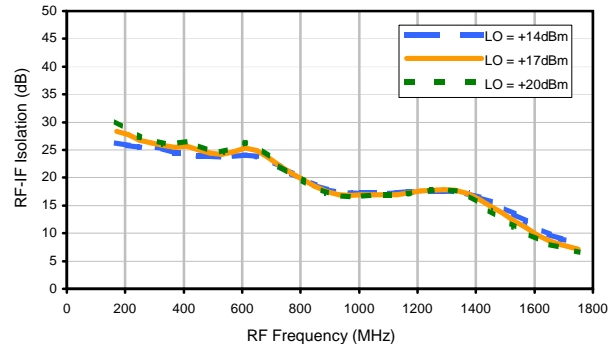
LO-RF Isolation



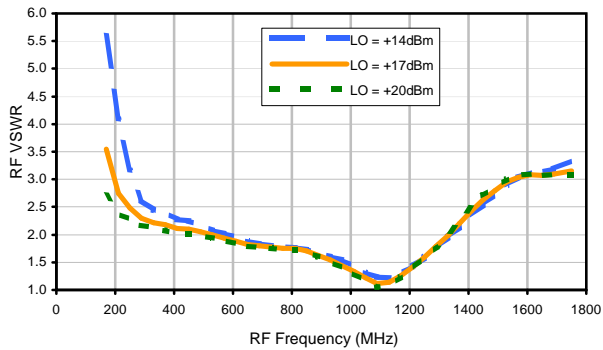
LO-IF Isolation



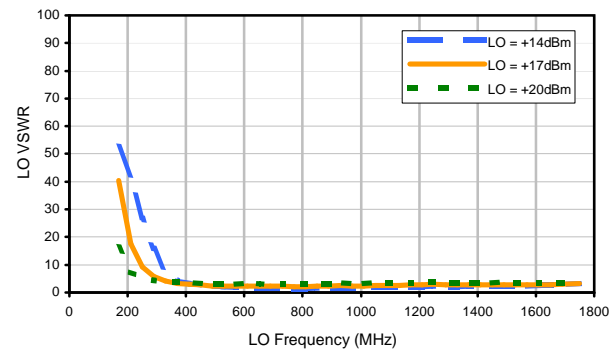
RF-IF Isolation



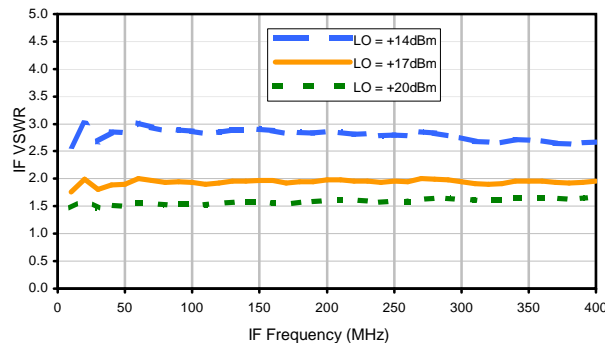
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	26	17	33	28	41	30	55	40	62
1	-	17	+0	22	13	34	37	32	47	40	53	55
2	79	68	41	73	42	52	41	65	54	50	53	83
3	>100	47	47	45	48	46	41	53	57	57	56	68
4	>100	76	72	67	70	66	65	62	66	83	73	70
5	>100	85	96	77	76	75	70	71	66	76	77	82
6	>100	92	92	94	91	85	85	90	80	82	82	94
7	>100	98	98	>98	>98	92	89	87	96	83	86	91
8	>100	>98	>98	>98	>98	>98	98	87	96	94	91	87
9	>100	>98	>98	>98	>98	>98	>98	>98	>98	96	>98	96
10	>100	>98	>98	>98	>98	>98	>98	>98	>98	>98	>98	>98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 700.1 MHz; 5.00 dBm.  
 LO IN: 730.01 MHz; +17.00 dBm  
 IF OUT: 29.91 MHz; -1.59 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	16	6	23	17	26	19	42	29	50
1	-	16	+0	21	12	37	39	31	42	40	48	54
2	93	70	49	69	51	57	50	75	62	59	61	79
3	>100	65	66	64	68	66	60	70	74	77	73	79
4	>100	>88	>88	>88	88	87	>88	>88	>88	>88	>88	>88
5	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
6	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
7	>100	>88	>88	>88	>88	>88	>88	>88	86	>88	>88	>88
8	>100	>88	>88	>88	>88	>88	>88	>88	>88	87	>88	>88
9	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
10	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 700.1 MHz; -5.00 dBm.  
 LO IN: 730.01 MHz; +17.00 dBm  
 IF OUT: 29.91 MHz; -11.67 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.

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