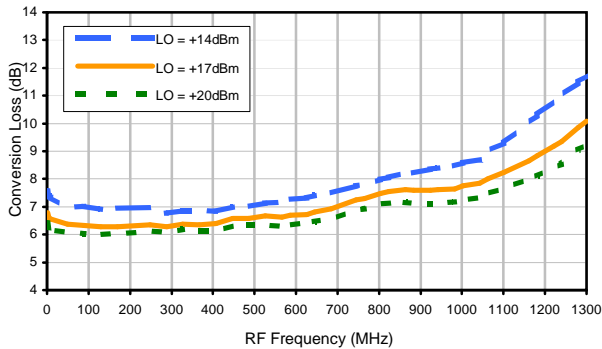
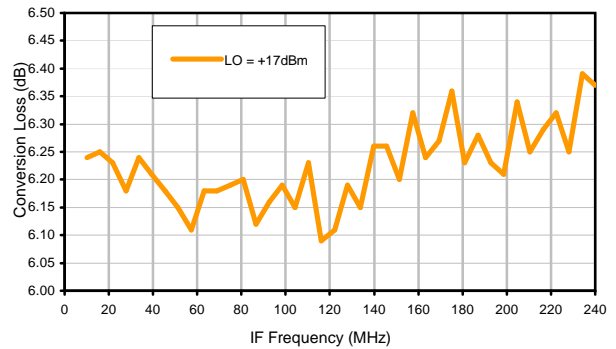


## Typical Performance Curves

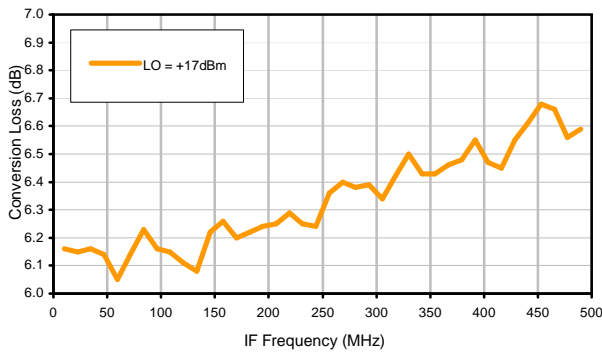
Conversion Loss @ IF=30MHz



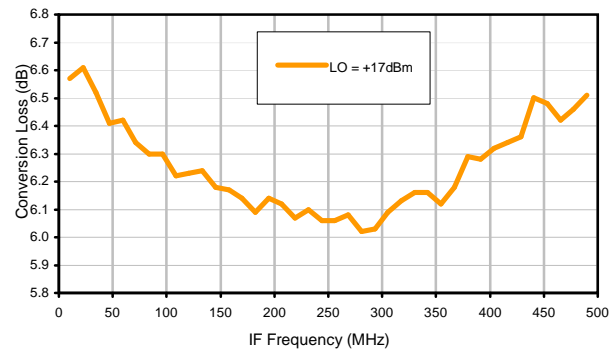
Conversion Loss vs. IF @ RF=250.1MHz



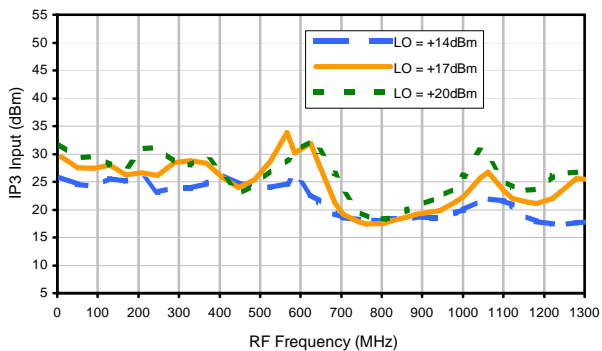
Conversion Loss vs. IF @ RF=10.1MHz



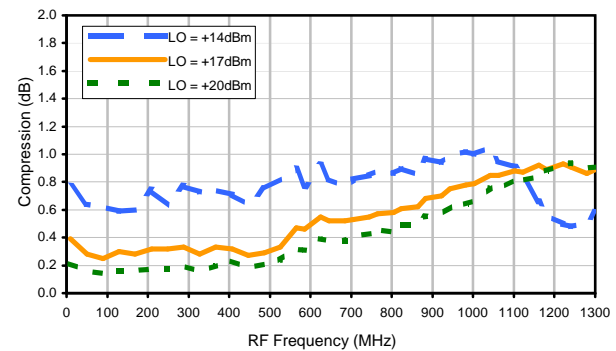
Conversion Loss vs. IF @ RF=500.1MHz



IP3 Input

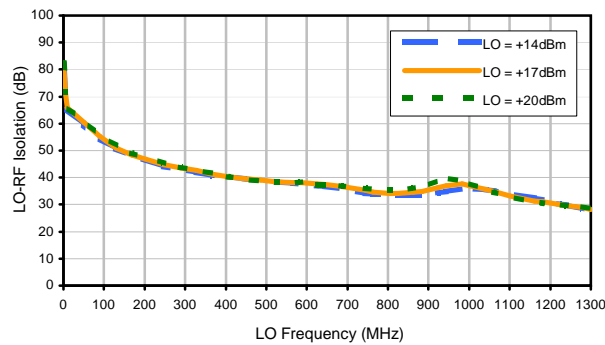


Compression @ RF IN=+14dBm

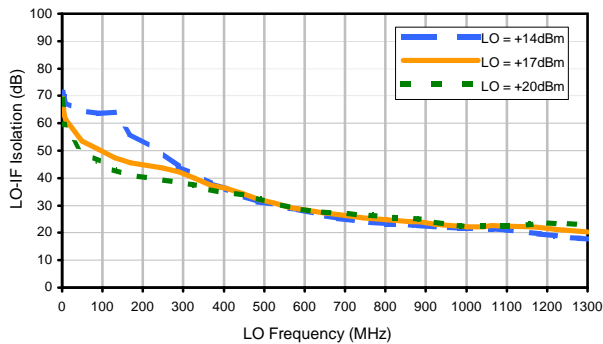


## Typical Performance Curves

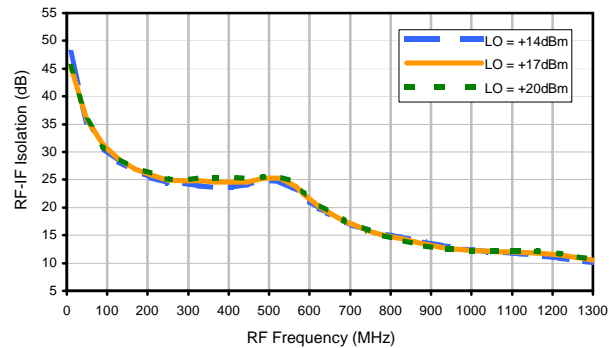
LO-RF Isolation



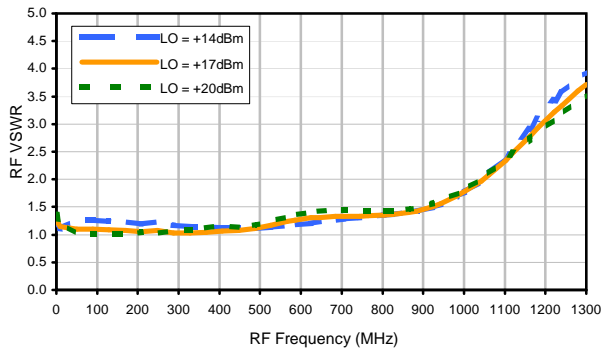
LO-IF Isolation



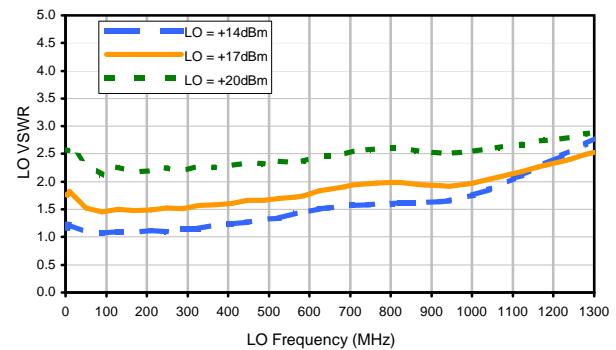
RF-IF Isolation



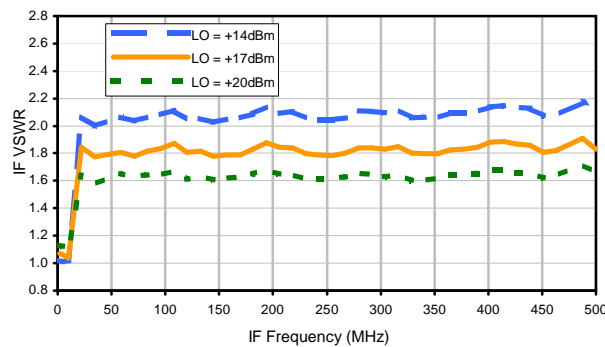
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	24	11	28	17	29	24	49	36	42
1	-	19	+0	30	15	35	24	39	30	43	27	50
2	88	67	45	63	45	63	45	61	47	60	58	62
3	>100	61	57	65	52	67	48	70	48	63	45	60
4	>100	80	72	79	73	81	78	90	72	88	70	74
5	>100	81	77	84	73	87	70	83	70	85	70	92
6	>100	>93	>93	>93	>93	>93	>93	>93	89	>93	86	>93
7	>100	>93	>93	>93	>93	>93	>93	90	89	>93	>93	>93
8	>100	>93	>93	>93	>93	>93	>93	>93	88	>93	>93	>93
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	74	>93	>93
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	82	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; -1.00 dBm.  
 LO IN: 280.01 MHz; +17.00 dBm  
 IF OUT: 29.91 MHz; -7.34 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	35	24	42	32	49	43	58	53	62
1	-	19	+0	31	14	38	23	37	34	47	38	60
2	76	58	42	69	40	55	39	52	40	52	45	69
3	>100	47	46	51	61	59	43	52	48	73	39	54
4	>100	71	57	72	56	68	58	65	55	66	57	101
5	>100	62	73	67	58	65	50	60	48	62	47	64
6	>100	74	64	89	64	77	67	80	68	76	64	93
7	>100	70	80	82	75	71	65	71	61	71	60	71
8	>100	79	76	79	76	84	73	87	75	92	73	86
9	>100	84	73	74	72	79	71	82	69	81	68	80
10	>100	98	89	86	89	86	85	87	82	98	83	94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; 9.00 dBm.  
 LO IN: 280.01 MHz; +17.00 dBm  
 IF OUT: 29.91 MHz; 2.52 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  
 RMS-1H+  
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