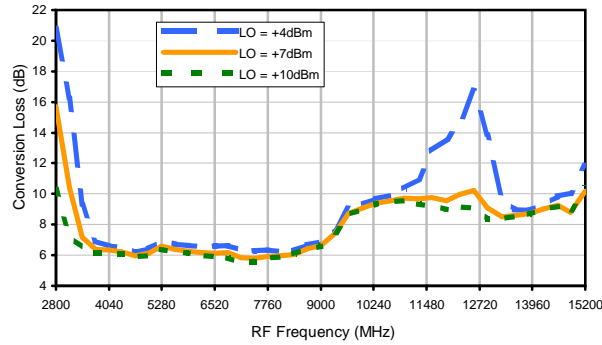
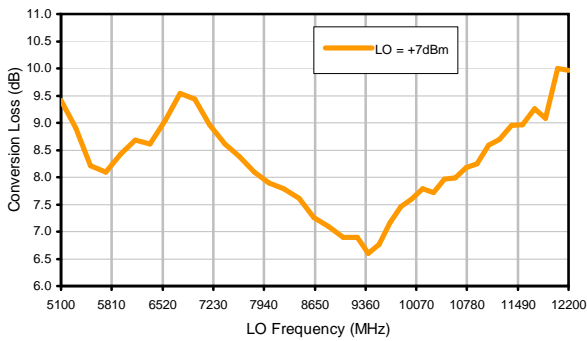


Typical Performance Curves

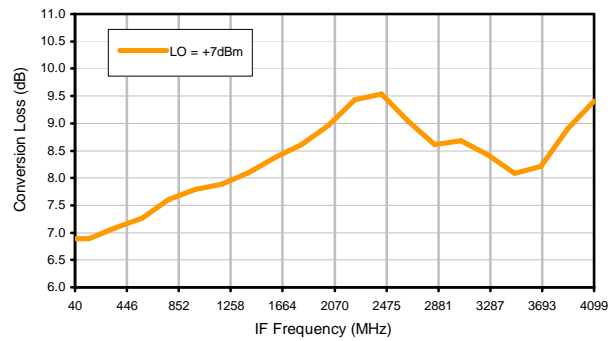
Conversion Loss @ IF=30MHz



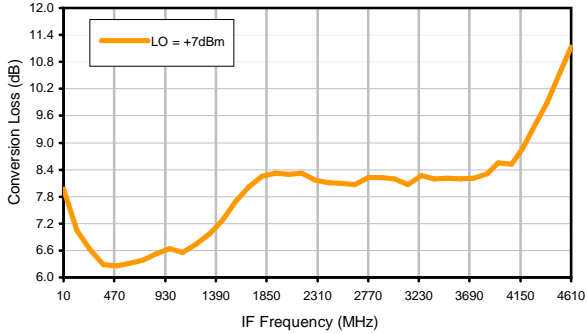
Conversion Loss vs. LO @ RF=9200MHz



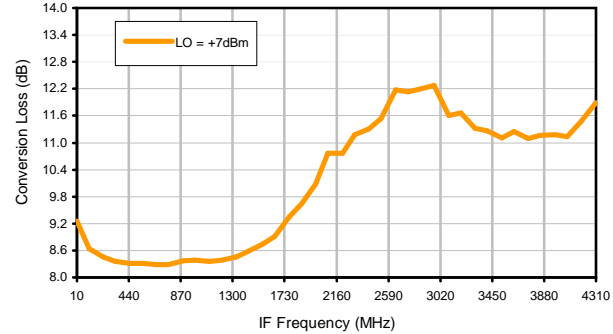
Conversion Loss vs. IF @ RF=9200MHz



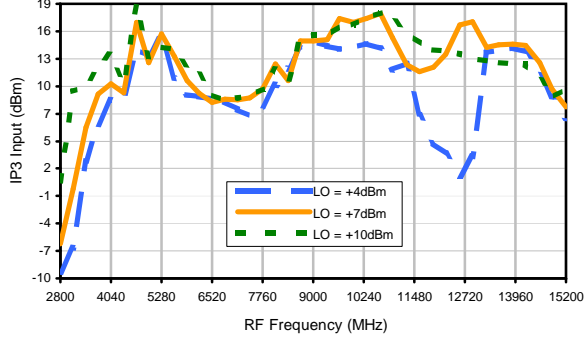
Conversion Loss vs. IF @ RF=3390MHz



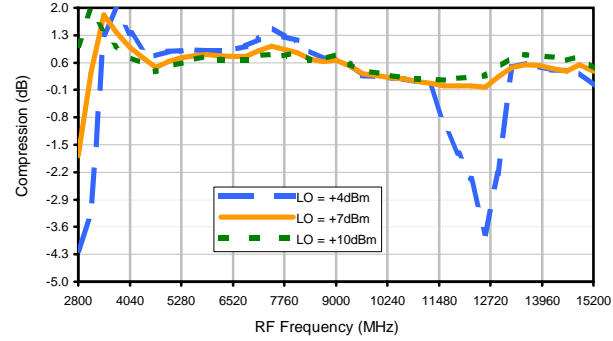
Conversion Loss vs. IF @ RF=15010.09MHz



IP3 Input

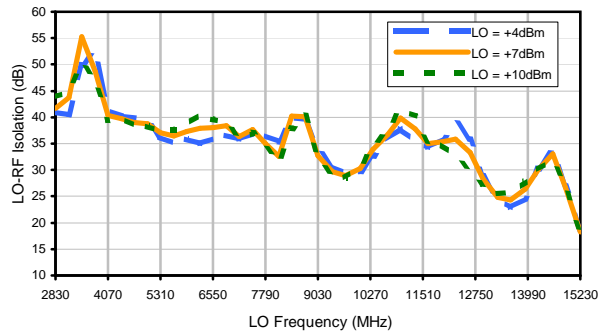


Compression @ RF IN=+1dBm

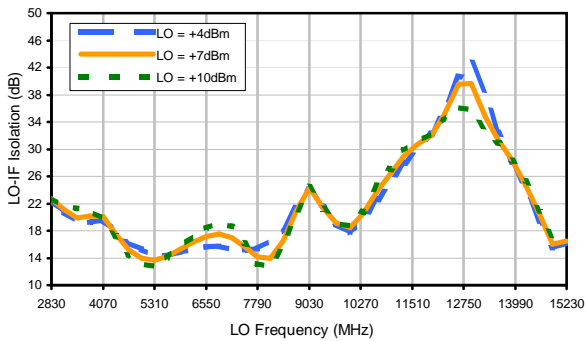


Typical Performance Curves

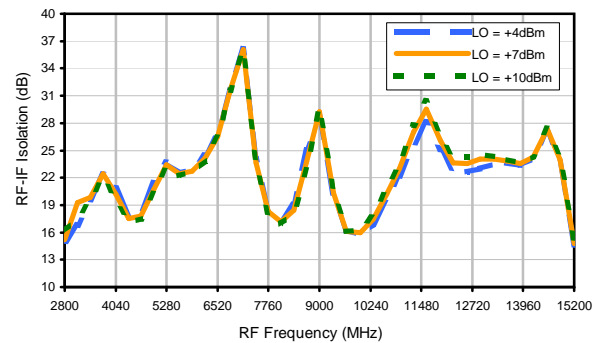
LO-RF Isolation



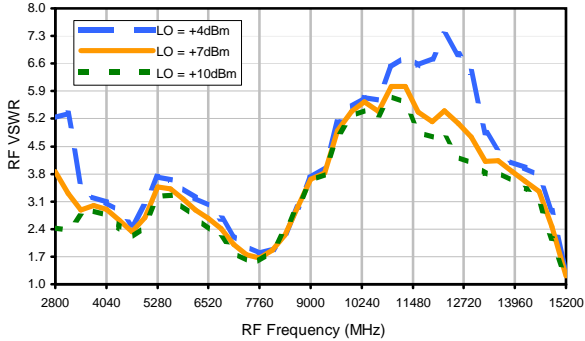
LO-IF Isolation



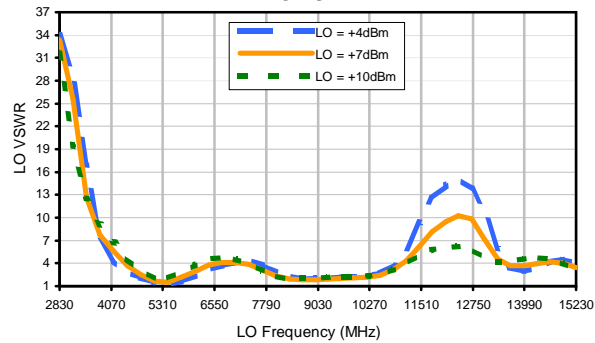
RF-IF Isolation



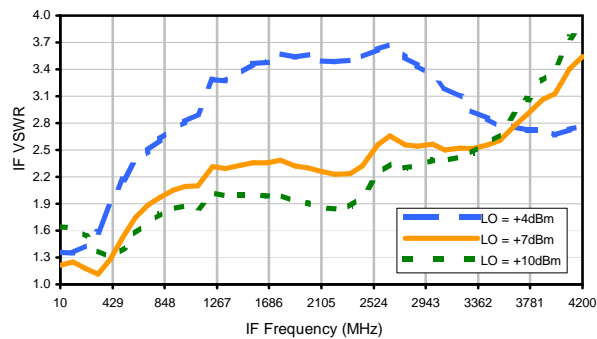
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	23	5	---	---	---	---	---	---	---
1	-	13	+0	32	27	37	---	---	---	---	---	---
2	85	52	39	49	43	57	45	---	---	---	---	---
3	87	66	>70	>70	64	62	>70	67	---	---	---	---
4	---	---	>70	>70	>70	>70	>70	>70	69	---	---	---
5	---	---	---	67	>70	>70	>70	>70	>70	66	---	---
6	---	---	---	---	>70	>70	>70	>70	>70	>70	70	---
7	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	---	60	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	---	68	>70	>70	>70	>70
10	---	---	---	---	---	---	---	---	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 7720 MHz; -14.00 dBm.
 LO IN: 7750 MHz; +7.00 dBm
 IF OUT: 30 MHz; -19.94 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	35	16	---	---	---	---	---	---	---
1	-	12	+0	36	28	42	---	---	---	---	---	---
2	65	43	30	39	36	51	40	---	---	---	---	---
3	65	47	50	60	41	49	58	59	---	---	---	---
4	---	---	67	62	57	63	56	62	58	---	---	---
5	---	---	---	69	71	77	65	63	76	69	---	---
6	---	---	---	---	75	>80	78	76	74	75	70	---
7	---	---	---	---	---	79	>80	>80	>80	78	>80	77
8	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	---	---	72	>80	>80	>80	>80
10	---	---	---	---	---	---	---	---	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 7720 MHz; -4.00 dBm.
 LO IN: 7750 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.23 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.