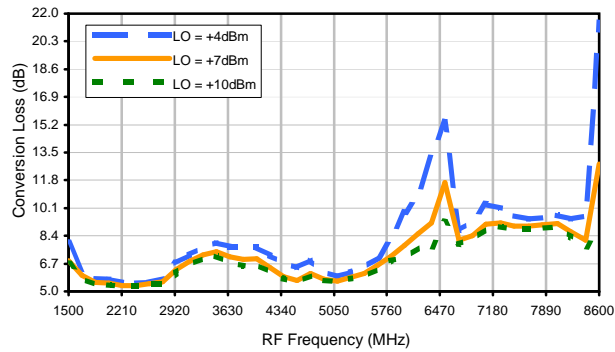
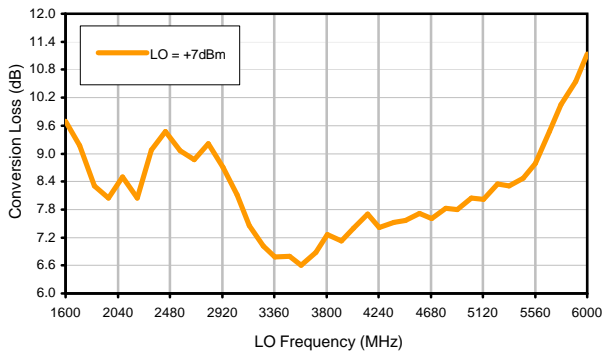


Typical Performance Curves

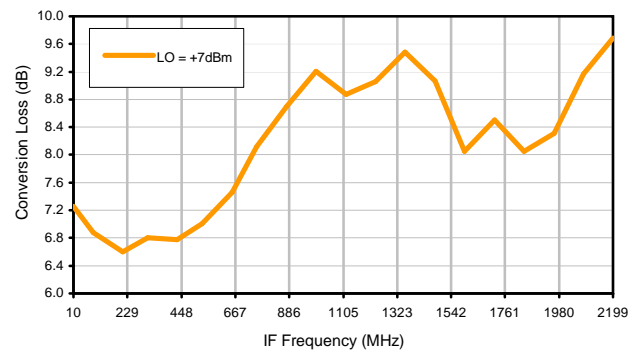
Conversion Loss @ IF=30MHz



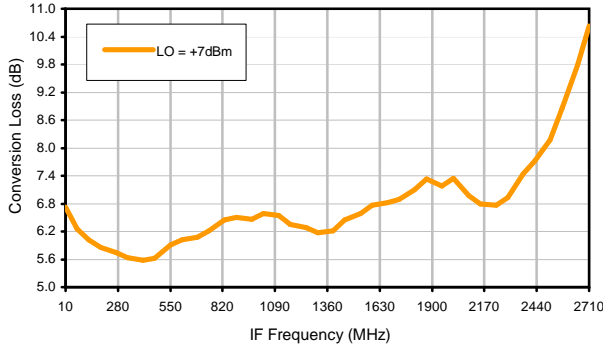
Conversion Loss vs. LO @ RF=3800MHz



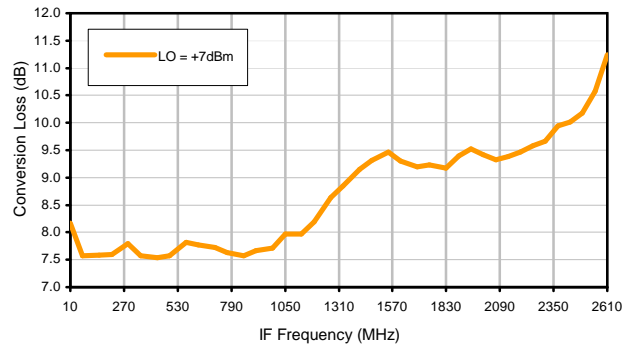
Conversion Loss vs. IF @ RF=3800MHz



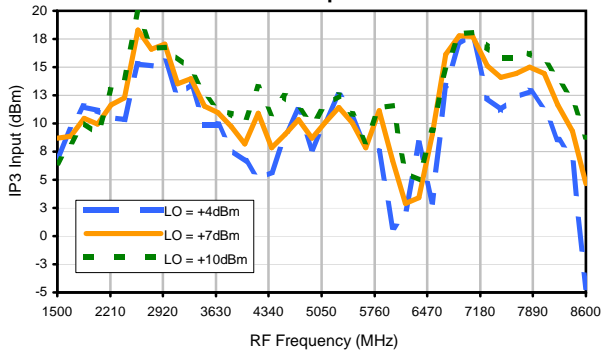
Conversion Loss vs. IF @ RF=1590MHz



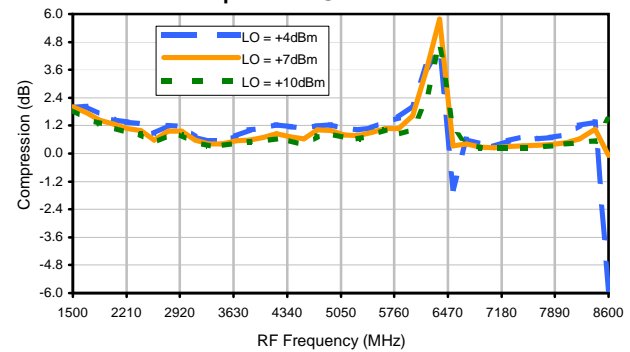
Conversion Loss vs. IF @ RF=6010.1MHz



IP3 Input

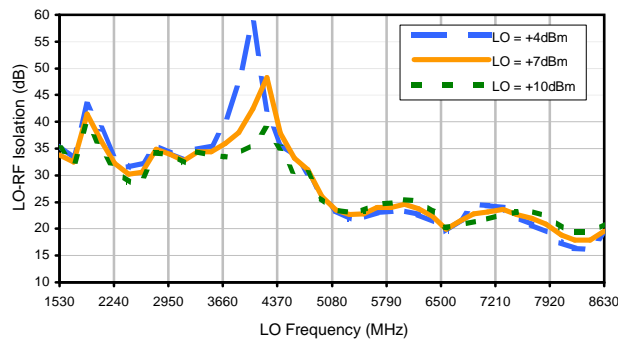


Compression @ RF IN=+1dBm

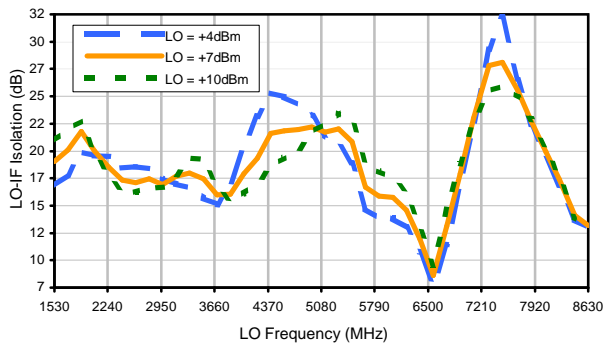


Typical Performance Curves

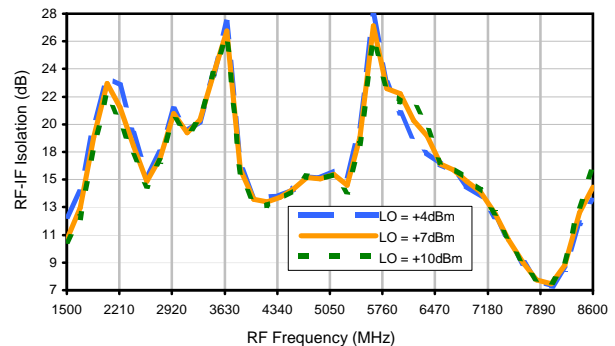
LO-RF Isolation



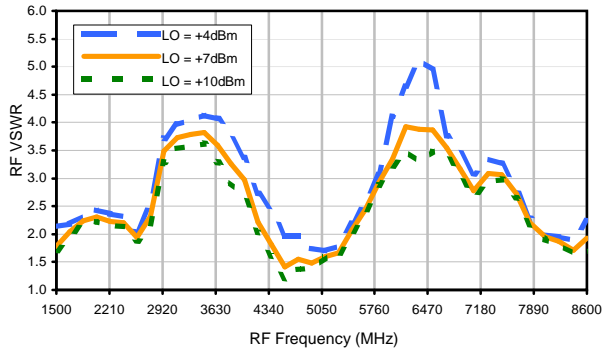
LO-IF Isolation



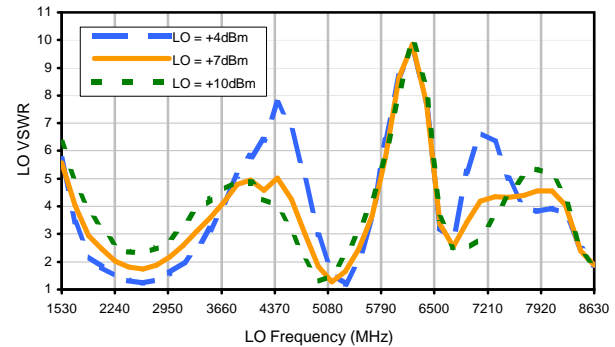
RF-IF Isolation



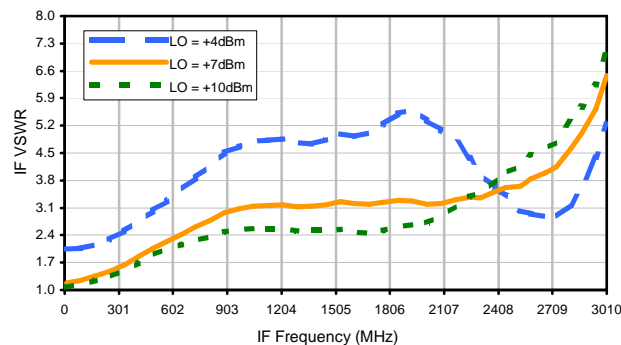
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	20	20	39	15	45	---	---	---	---
1	-	10	+0	28	20	42	35	50	45	---	---	---
2	>90	52	46	51	46	53	66	53	48	67	---	---
3	>90	65	59	>69	63	62	>69	>69	>69	>69	>69	---
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	---	---	---	---	>69	65	>69	>69	>69	>69	>69	>69
10	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 3800 MHz; -14.00 dBm.
 LO IN: 3830 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.98 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	30	31	49	30	66	---	---	---	---
1	-	10	+0	32	19	48	38	51	54	---	---	---
2	74	41	37	41	39	46	57	50	45	>79	---	---
3	>90	46	40	54	43	45	56	55	57	63	64	---
4	>90	62	72	66	58	62	56	59	>79	62	63	>79
5	>90	>79	78	72	68	>79	57	63	64	71	72	70
6	90	>79	77	>79	>79	>79	75	>79	73	75	>79	78
7	---	---	>79	>79	>79	>79	>79	>79	72	76	77	>79
8	---	---	---	>79	77	>79	>79	>79	>79	>79	>79	>79
9	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	---	---	---	>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: 3800 MHz; -4.00 dBm.
 LO IN: 3830 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.95 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.