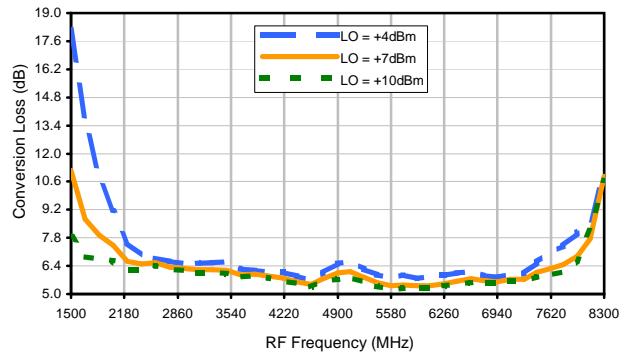
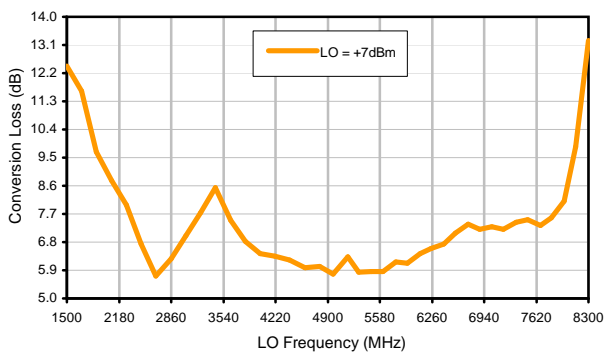


Typical Performance Curves

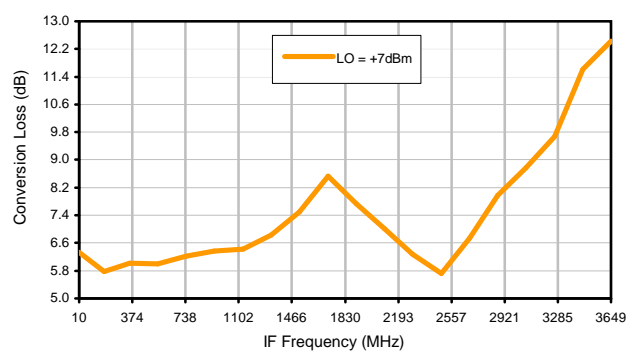
Conversion Loss @ IF=30MHz



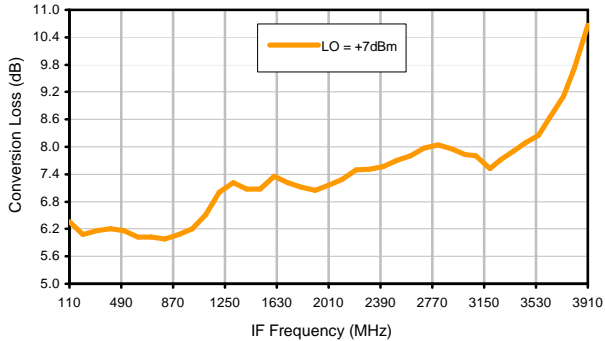
Conversion Loss vs. LO @ RF=5150MHz



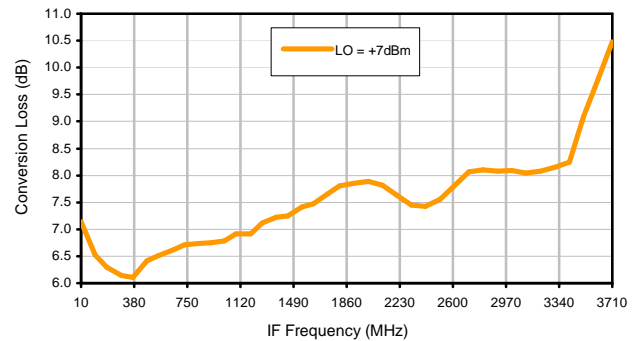
Conversion Loss vs. IF @ RF=5150MHz



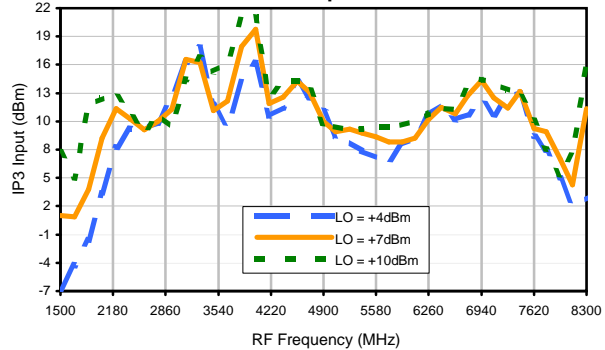
Conversion Loss vs. IF @ RF=2190MHz



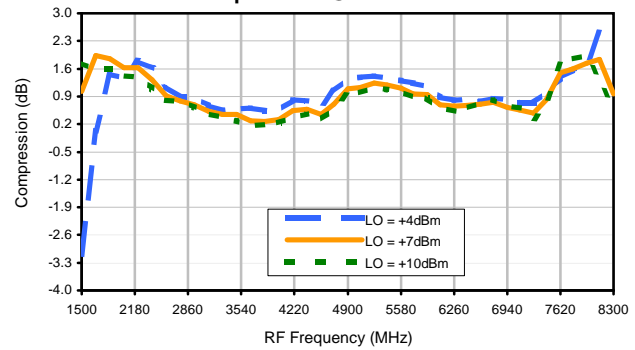
Conversion Loss vs. IF @ RF=8010.1MHz



IP3 Input

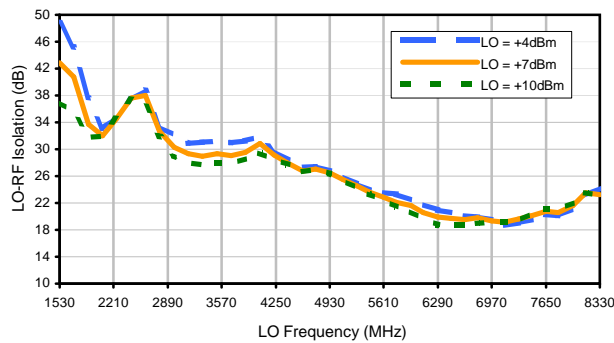


Compression @ RF IN=+1dBm

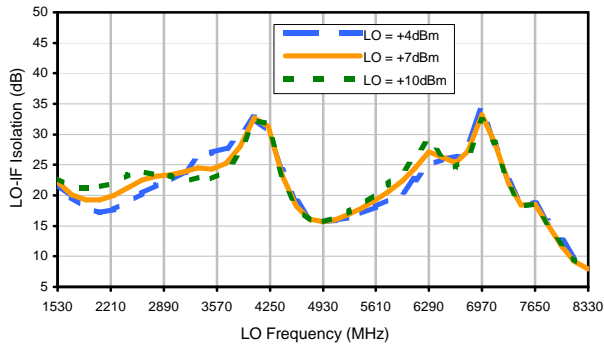


Typical Performance Curves

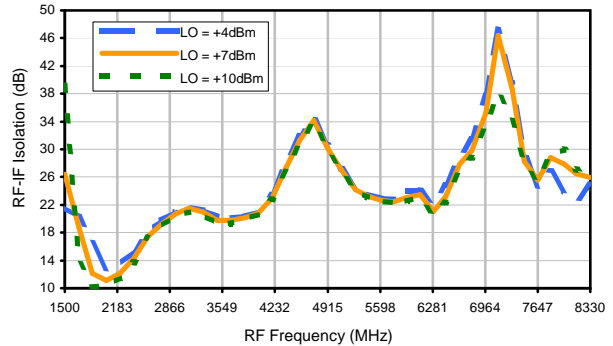
LO-RF Isolation



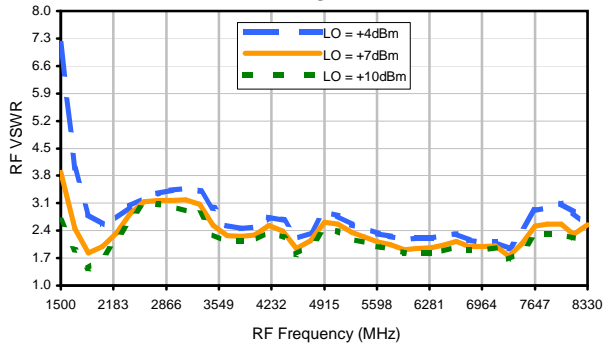
LO-IF Isolation



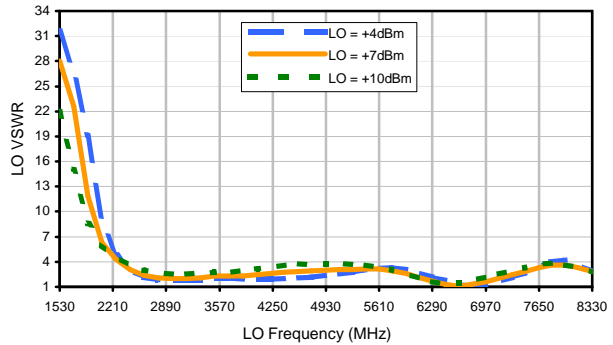
RF-IF Isolation



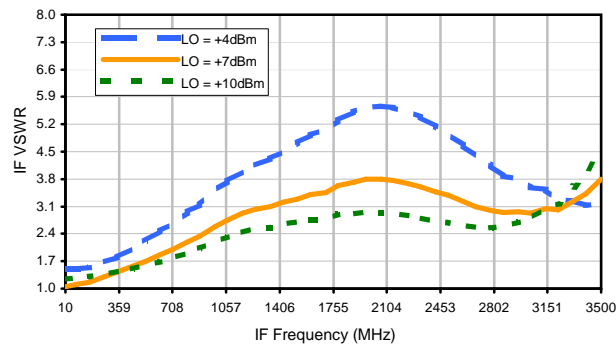
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	11	18	27	---	---	---	---	---	---
1	-	20	+0	35	20	33	45	---	---	---	---	---
2	>90	51	55	51	51	53	51	>70	---	---	---	---
3	>90	57	55	>70	57	>70	>70	64	>70	---	---	---
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	---	---
5	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	---
6	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	---	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5150 MHz; -14.00 dBm.
 LO IN: 5180 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.15 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	20	28	39	---	---	---	---	---	---
1	-	19	+0	36	20	39	47	---	---	---	---	---
2	71	42	45	38	42	55	45	59	---	---	---	---
3	>90	36	34	60	35	60	53	49	59	---	---	---
4	>90	68	58	54	66	50	63	58	58	71	---	---
5	---	---	77	65	60	76	56	>80	68	63	76	---
6	---	---	---	>80	>80	70	>80	63	79	71	70	>80
7	---	---	---	---	>80	>80	78	>80	71	>80	78	76
8	---	---	---	---	---	>80	>80	>80	>80	74	>80	>80
9	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	---	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5150 MHz; -4.00 dBm.
 LO IN: 5180 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.12 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.