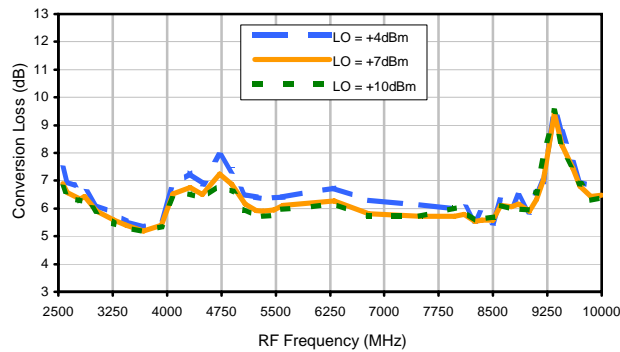
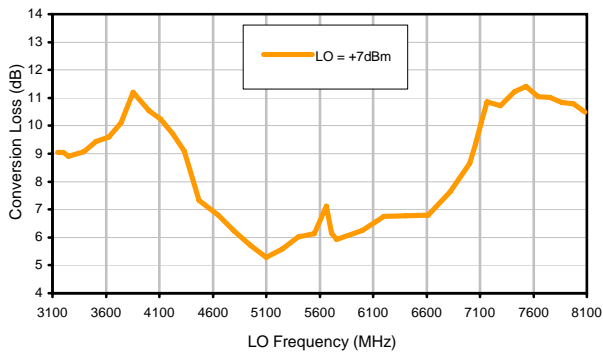


Typical Performance Curves

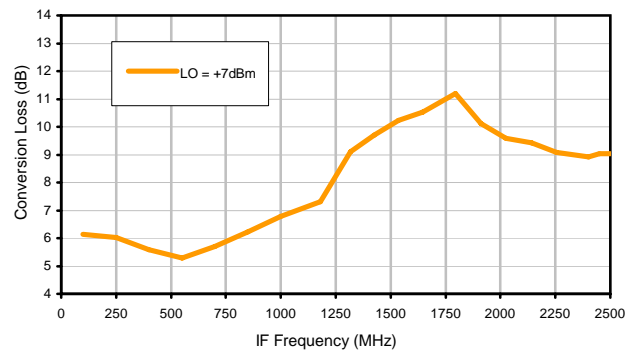
Conversion Loss @ IF=29.9MHz



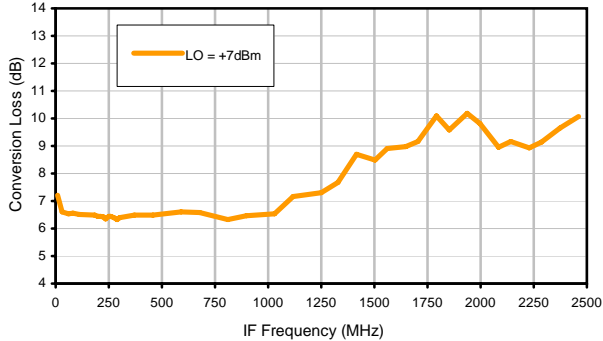
Conversion Loss vs. LO @ RF=5650MHz



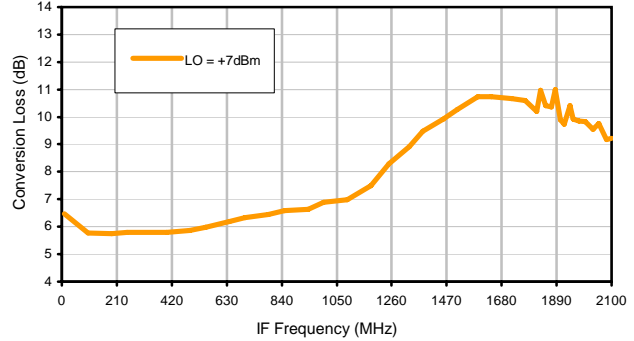
Conversion Loss vs. IF @ RF=5650MHz



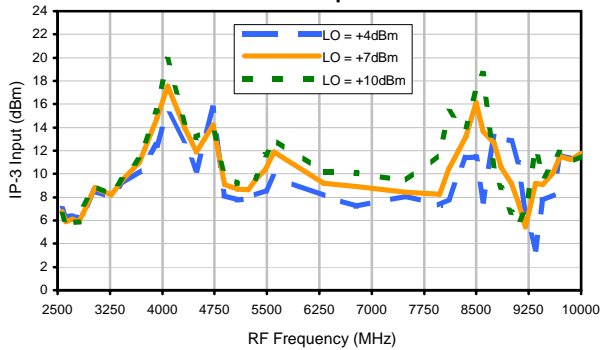
Conversion Loss vs. IF @ RF=2800MHz



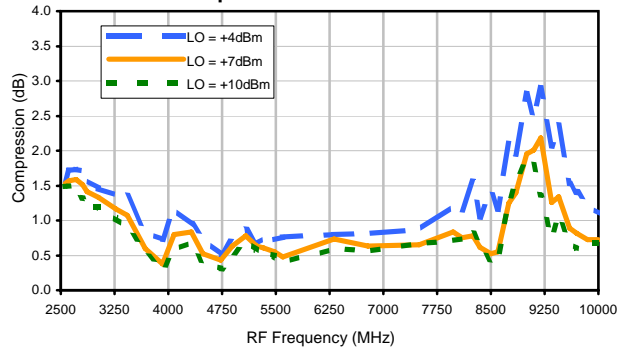
Conversion Loss vs. IF @ RF=8500MHz



IP-3 Input

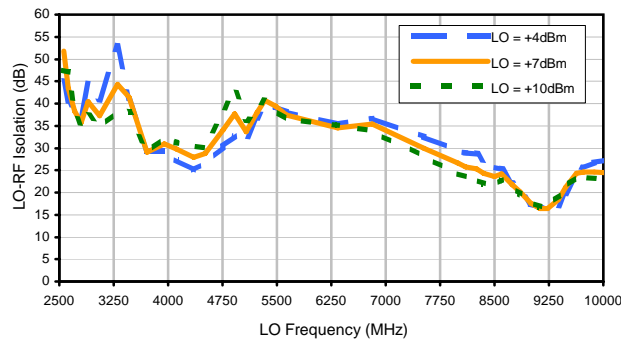


Compression @ RF IN=+1dBm

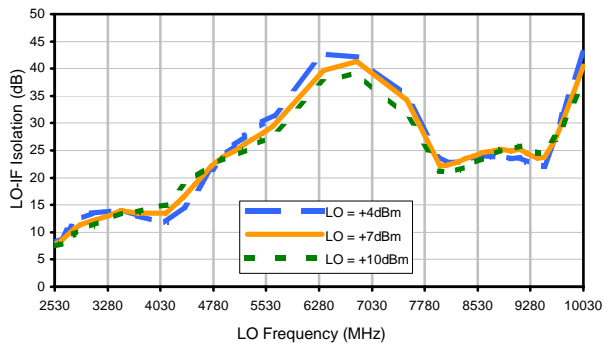


Typical Performance Curves

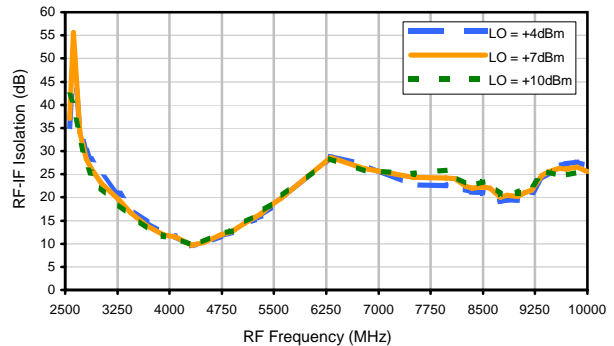
LO-RF Isolation



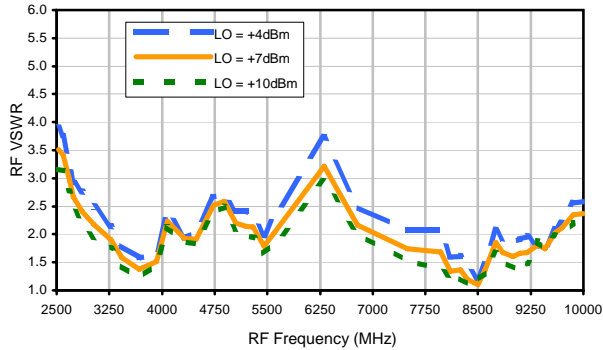
LO-IF Isolation



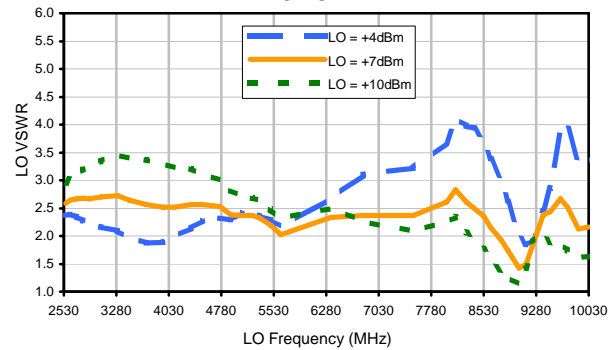
RF-IF Isolation



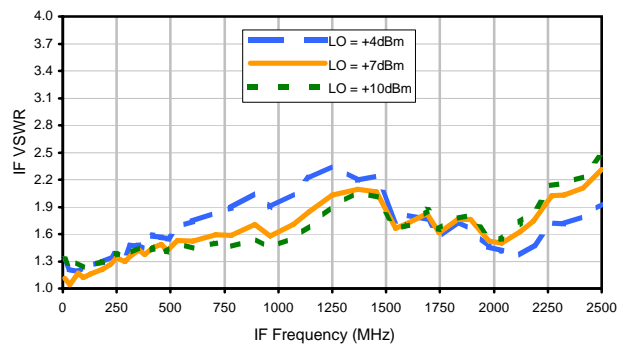
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	24	11	39	---	---	---	---	---	---
1	-	13	+0	42	23	42	43	---	---	---	---	---
2	89	60	67	>69	67	>69	56	56	---	---	---	---
3	>90	>69	68	>69	64	>69	>69	>69	>69	---	---	---
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	---	---
5	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	---
6	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	---	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
9	---	---	---	---	---	---	>69	>69	>69	>69	>69	>69
10	---	---	---	---	---	---	---	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 5650 MHz; -14.00 dBm.
 LO IN: 5680 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.79 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	35	22	47	---	---	---	---	---	---
1	-	13	+0	43	22	45	45	---	---	---	---	---
2	70	51	59	51	60	58	48	52	---	---	---	---
3	>90	61	46	70	42	63	54	63	62	---	---	---
4	>90	65	74	78	78	63	79	75	72	61	---	---
5	---	---	>79	>79	>79	>79	68	>79	>79	>79	75	---
6	---	---	---	>79	>79	>79	>79	75	>79	>79	>79	72
7	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79
8	---	---	---	---	---	>79	>79	>79	>79	>79	>79	>79
9	---	---	---	---	---	---	>79	>79	>79	>79	>79	>79
10	---	---	---	---	---	---	---	>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: 5650 MHz; -4.00 dBm.
 LO IN: 5680 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.74 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.